SOLUSI UNIVERSITY

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UNDERGRADUATE STUDIES

BULLETIN

2025 - 2028

Revived Recapitalized Rebuilt

SOLUSI UNIVERSITY

ACADEMIC BULLETIN (2025-2028)

Phone
+263-(29)-2263345; +263-(29)-2887124;
+263-(29)-2885484

E-mail
admissions@solusi.ac.zw
ict@solusi.ac.zw
sfo@solusi.ac.zw

Website
www.solusi.ac.zw

Physical Address
50km West of Bulawayo (37km off Khami Road)
20.1986° S, 28.1530° E

Postal Address
Solusi University
Post Office Solusi, Bulawayo, Zimbabwe

"The fear of the Lord is the beginning of knowledge,
But fools despise wisdom and instruction"
(Proverbs 1:7 NKJV)

THANKS

TO JESUS CHRIST, OUR CREATOR AND REDEEMER…

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ACCREDITATION

SU (SU) is chartered (licensed) by the Zimbabwe Government. It is accredited by the Zimbabwe Council for Higher Education (ZIMCHE) and the Adventist Accrediting Association/International Board of Education (AAA/IBE).

POLICY REVISIONS

SU reserves the right to make changes relating to the Bulletin through Senate Actions. Such Senate Actions shall be published through Solusi Information Systems (SISs) making it the responsibility of each student to remain informed of the changes in academic requirements. Each student is responsible for checking updates on current graduation requirements in the appropriate degree program as well as academic progression.

SOMETHING TO KEEP IN MIND...

The Bulletin serves as a guide for an academic journey. It describes the academic program students select and the requirements to be fulfilled in order to graduate. Before enrolling at SU, or registering for subsequent Semester/Bimester/Block, students must refer to the Bulletin requirements. The academic programs of study are divided into chapters by Faculty and Departments. Programs have Coordinators, Department Chairpersons and Faculty Deans. It is important that students work closely with the above mentioned offices for academic and financial advisory. Further advisory may be sought in the Registrar's Office or the Student Finance Office as deemed applicable.

Note that it is the responsibility of each student to keep track of their graduation requirements in order to complete the program and graduate in time. Graduating in time means completing program requirements in the period of study specified. Where there are constraints, or challenges the program must be completed within twice the duration prescribed for the program, e.g. a four year program cannot go beyond eight years.

Contact Information: (Email and Phone)

Office of the Registrar: *registrar@solusi.ac.zw* +263 29 2880890
Students Finance Office: *studentfinance@solusi.ac.zw* +263 29 226 4706
Office of Immigration: *registrar@solusi.ac.zw* +263 29 2880890
Public Relations Management: *info@solusi.ac.zw* +263 29 2887162
Recruitment: *recruitment@solusi.ac.zw* +263 29 2887162
Dean of Students Affairs: *dosa@solusi.ac.zw* +263 29 2882996
Information Communication Technology: *ict@solusi.ac.zw* +263 29 2265029

MESSAGE FROM THE VC

Welcome to SU, a place where we are committed to revival, recapitalization, and rebuilding as we transition from being the Mother of African Missions to the Mother of Global Missions.

Revived: SU is a Seventh - day Adventist Institution of higher learning which is set apart or is a sacred space for connecting with the Almighty God in Heaven. As you join us, seize the opportunity to deepen your spiritual connection with God. John 14:6 says, "I am the Way, the Truth and the Life", hence we believe that life begins with an honest relationship with our Creator and Redeemer, and we fully embrace this as we strive to serve.

Recapitalized: To fuel our growth, SU aims to raise USD 130 million for our next phase, which includes preparing missionaries in new faculties. Our expansion plans feature a hospital and a medical school, an engineering workshop, and an engineering school. We believe every profession plays a crucial role in bringing Christ to the marketplace, and we are dedicated to supporting this mission as we serve for eternity.

Rebuilt: Reviving our spiritual role and securing resources for growth naturally leads to building new infrastructure. This will enable us to fulfill our mission wholistically. In a rapidly changing world—spiritually, technologically, and environmentally—we must rebuild in ways that align with the biblical mandate to educate the head, heart, and hand for this world and for eternity.

As you join SU, become part of our revival, recapitalization, and rebuilding journey in your unique way. Your future is brighter, and the future of mission-driven education is even brightest globally. The bulletin will serve as a companion during your academic journey with SU – embrace it and make full use of it.

Missionary Regards

Professor Khumbulani Mpofu, PhD
Vice Chancellor, Solusi University

PHILOSOPHY

SU believes that human beings were created by God in His own image and that, through sin, they were separated from God. However, through the redemptive work of God's Son, Jesus Christ, humans can be restored to a full relationship with God. In keeping with these beliefs, SU puts special emphasis on the development of the individual's spiritual, mental, physical and social faculties.

SU believes in the equality and dignity of all humans, regardless of race, tribe, gender, creed, color or handicap and further that a life dedicated in service to God and to fellow human beings constitutes the essence of the University's existence.

VISION

To be a Christ-moulded universitas with a heart to serve the world for eternity

MISSION

To provide quality, wholistic and transformative and innovative education driven by the Adventist philosophy

CORE VALUES

Christlikeness
Integrity
Quality Service
Transparency
Innovativeness

PHILOSOPHY

The Educational Philosophy of SU recognizes that true education has to do with the harmonious development of the whole person. To achieve this broad aim, the University provides an environment in which students are encouraged to develop and strengthen their commitment to Jesus Christ, experience personal and social growth, develop their appreciation for beauty, and develop a pattern of healthful living as well as achieve academic excellence. Information about the entities of SU is as follows:

CAFETERIA

SU operates a kitchen and a cafeteria offering a variety of vegetarian meals. Residence hall students are expected to have their meals in the cafeteria. Currently the cafeteria runs on a pay as you eat basis. Students are not allowed to cook in the hostels without permission from the University. All cooking utensils owned by students and authorized by the university are to be registered with the Deans of Residence. Students are liable for hazards that occur due to use of unauthorized gadgets in the residence halls.

UNIVERSITY STORE AND BAKERY

Subject to availability, the store sells textbooks, general reading materials, stationery supplies, sporting materials, groceries, fruits and vegetables, bread and confectionaries from the bakery.

CLUBS ON CAMPUS

The university organizes clubs as needed for students to help further develop their interests or capabilities. Departments or professional bodies may also form clubs. Current clubs include the following:
Accounting
Adventist Youth (AY)
Agriculture
Boost/SIFE Fellowship
ECONET Elevate
Computer Society
English
Family & Consumer Sciences
History
International Students Association
Leadership Empowerment Organization
Literature Evangelism
Marketing
Master Guide
Ministerial Association
Pathfinder
Peace
Peer Educator
Teachers of Tomorrow
Toastmaster – Public Speaking

COMPUTER CENTRE

SU believes that digital fluency is no longer optional but a necessity as it contributes greatly to increased access, successful leadership, innovation, and impact in today's world. The institution therefore, goes beyond traditional computer training to give all students a transformative journey/experience into the heart of the digital age despite varied backgrounds in computer skills.

The lab is a collaborative playground for future-oriented minds as students engage with industry-standard software, programming environments, digital design suites, and AI-powered productivity tools. Real-world projects, research support, and cross-disciplinary collaboration are all part of the experience. Through teaching and learning processes, students learn how to apply computer technologies appropriately. Examples include the following experiences: Artificial Intelligence (AI), intelligent systems development, data visualization, media content creation, cyber-security, etc. As a result, all students are expected to bring their own laptops and smart devices where possible.

EDUCATIONAL FACILITIES FOR DEPENDENT MINORS

There are adequate educational facilities for dependent children of married students, faculty and staff as follows:

1. Solusi Adventist Early Childhood Development Centre (ECD)

2. Solusi Adventist Primary School
3. Solusi Adventist High school

FARM, GARDEN & ORCHARD
Depending on the marketing calendar, various fruits and vegetables can be found at the university farm at affordable prices. For safety and security reasons, students should:

1. Not pick fruits or vegetables on campus without permission.
2. Watch out for cattle and wild animals on the farm.
3. Not engage in unauthorized fishing on farm dams. Students who wish to do fishing as a hobby must get authorization from the Dean of Students (DOS).

GUIDANCE AND COUNSELLING
The University has a full-time Guidance and Counseling office situated in Beit-Hall. Services include emotional and mental support services to all faculty, staff and students. Counseling is done in strict confidence and no information is released except by the written request of the person counseled, or as normally required by law.

HEALTH SERVICES
The campus clinic has qualified staff approved by the Ministry of Health and Child Care (MHCC). Basic health and emergency care services are available to each student. Patients whose health care needs cannot be met by the campus clinic are sent to Referral Health Centres in Bulawayo.

UNIVERSITY ACCOMMODATION
Married Students Quarters (MSQ):
Students with families are normally expected to live as a family in MSQ provided by the University. The houses are furnished. Students who plan to marry during the course of the semester must apply for accommodation in advance. Students who complete their studies or graduate but are not able to vacate the assigned accommodation as expected due to travel logistics must apply to the DOS for extended stay. Any other concerns regarding MSQ housing must be channeled to the DOS through the Mayor.

Residence Halls:
Single students with no families on campus are provided accommodation at the Male or Female Residence Halls. For students in Residence Halls, concerns should be channeled to DOS through the Dean of Men or Dean of Women. Residence hall students are expected to have their meals in the cafeteria. Currently the cafeteria runs on a pay as you eat basis. Students are not allowed to cook in the hostels without permission from the University. All cooking utensils owned by students are to be registered with the University. Students are liable for hazards that occur due to use of unauthorized gadgets in the Residence Halls.

LIBRARY
SU Library (Ralph Watts Library) was built in memory of the late Pastor Ralph Watts Sr. (an evangelist who served the Seventh-day Adventist Church as pastor, departmental director, Conference Union and Division President and General Vice President of the General Conference). It was inaugurated on 7 December, 2003.

Membership:
The Library is an affiliate of the Zimbabwe University Library Association (ZIMLA) and the Zimbabwe University Libraries Consortium (ZULC).

Services Offered:
Ralph Watts Library offers academic library resources and services, which include Computers, Internet, e-resources and KOHA online cataloguing system for students and staff.
E-Resource Services are available for all the registered students and lecturers engaged in teaching-learning activities at SU. The open access e-resource links are provided and accessible on the website of Solusi (www.solusi.ac.zw) by using username and the password. The links to Ellen White E-Resources and Audio Books are also provided.

Library Rules and Regulations:

- All users maintain silence at all times.
- All the library users are required to present their valid student I.D. and register at the circulation desk to become a library member.
- Students are allowed to bring their laptops and notebooks. Laptop bags are to be deposited at the depository section.
- Library users are prohibited from eating, chewing, loitering, shouting or being involved in any kind of group discussions; however discussion rooms are provided when required.
- All patrons must avoid revealing attire, sleeveless tops, push in sandals and refrain from wearing caps inside the library.

- Library users are prohibited from using cell phones within the library.
- Undergraduate students are permitted to check out a maximum of 3 books at a time.
- Masters and Postgraduate students are permitted to check out a maximum of 5 books at a time.
- All the users are required to update the checkout books before they expire. You are not allowed to register if previous books are not returned or have outstanding fines.
- Books not returned on their due dates will be charged one dollar a day.
- Students who lose or misplace a library book must replace it with the current one.
- Do not reshelf the books.
- A charge of one dollar will be placed for missing/marked pages or any kind of physical damage done to each book.
- Library users are prohibited from marking the books, periodicals, newspapers, pamphlets, tables and Chairpersons or any other property of the library.
- Anyone caught mutilating or vandalizing library materials shall be penalized and subject to disciplinary action.
- Anyone leaving the library must present his/her belongings and must be rechecked for any item that is not recorded.

Library Hours:
The library opening hours are as indicated below:

Sunday:	12am	—	9pm
Monday to Thursday:	9am	—	10pm
Tuesdays:	9am	—	5pm
	7pm	—	10pm
Friday:	9am	—	1pm

SPORTS AND RECREATIONAL FACILITIES
Facilities for various sport activities of the students for physical fitness and social development are available in the University. Included are outdoor games (ball games) and indoor games (gym, pool, slug, snooker, table tennis, chess, etc.) There is also ample space on campus for exercise and social activities. Since physical fitness aids in mental excellence, each student is encouraged to adopt a regular program of recreation and exercise.

RELIGIOUS LIFE AND CONVOCATION ATTENDANCE
Face to Face Convocation:
Convocation is one of the requirements for graduation although it's intended for students' spiritual growth and development (see General Course requirements). Both main campus and off campus students are required to do face-to-face convocation. For spiritual development of students, convocations are held every Tuesday, Friday, and Saturday. There are also special weeks of spiritual enrichment arranged by the University administration that are intended to provide important opportunities for personal and spiritual growth. Choosing to come to the University implies willingness to attend these appointments as part of the total educational package. Therefore, students are expected to participate in all convocation related meetings. The topics on these services are collaborative efforts of the University Church and the Spiritual Master Plan Committee of the University. The topics for Tuesday and Friday vespers and Sabbath Services deal with the CORE values of the University. The Divine Worship is Christ-centred embodied in John 3:16: For God so loved the World that He gave His Son as sacrifice for our sins. Therefore, we must love others as He loves us (Gal. 5:14).

Since convocation is considered to be an important part of the student academic experience, regular attendance is required of all students and an attendance record is maintained. All Convocation shortfalls from both campuses should be made up before December 31 of each year, either attending the church service or writing summaries of 3 Chapters in Christ's Object Lessons by E. G. White. Students from various off-campus Centres must work closely with Centre Managers to observe the above mentioned topics during their convocation. Attendance is checked by Centre Managers and students who fulfill the requirements will be awarded a passing Convocation Grade through the Office of the Dean of Students.

The Seventh-day Sabbath is observed at SU from sunset Friday to sunset Saturday in accordance with the Biblical injunction, and all students are expected to conduct themselves in harmony with the sacred nature of this day. In addition to the structured meetings and worship services, the students are encouraged to participate in the daily prayer bands, witnessing groups and other less formal religious activities that promote Christian development and service.

STUDENT REPRESENTATIVE COUNCIL (SRC)
The student body is organized as SRC (see Student Association Constitution in the Student Handbook). SRC is a student-led body that represents student interests or concerns in line with the Vision, Mission and Values of SU and it is coordinated in the office of the DOS.

Acting as a bridge between students and the university administrative structures, SRC's key roles include the following:

1. Representation in decision-making processes such as applicable committees
2. Advocacy for students' welfare, academic interests and policies, accommodation among others
3. SRC communicates students' concerns and feedback between students and faculty/administration
4. Students' support services: services may include sharing university published information on academic programs, work programs and any other information that may help returning, new and prospective students.
5. Campus life: SRC is expected to organize social and recreational activities that promote unity and a sense of community within the university

STUDENT CENTRE

The University provides a Student Centre which houses several facilities that are for student use. In addition to housing some indoor games, such as mini soccer and a pool table, there is a television set with disks for students to watch international and local news and sports. Student managed tuck shops selling a variety of products and offering services are also available. It is expected that students will spend some time relaxing and socializing at the Centre.

STUDENT WORK PROGRAM

The University operates a number of auxiliary and vocational services where students may work part-time to earn a portion of their school expenses. These opportunities are intended to engage students in productive and useful labour that can help develop character traits of industry, dependability and initiative.

VEHICLES AND TRANSPORT TO TOWN

Married and single students are permitted to have their own vehicles on campus under the following conditions:

1. The driver of a vehicle must be properly licensed, and the vehicle must be currently licensed and appropriately insured, and upon arrival must be registered with the Office of the DOS.
2. The student will have town days Wednesday, Friday and Sunday using university transport.

NB: Students with emergencies must liaise with the resident hall deans or the mayor for MSQ.

STUDENT CONDUCT

SU was founded on Christian principles as understood by the Seventh-day Adventist Church, and a conscious effort is made to maintain standards of dress, conduct, and self-control which reflect the spiritual Christ-like principles of Seventh-day Adventists. The University interprets the presence of the students on campus as evidence that they have chosen this University because of the Christian way of life it espouses. Admission to the University is a privilege that entails acceptance of individual responsibility for honour, integrity, self-discipline and a willingness to live in accordance with Christian principles. Details concerning the Student Behaviour Code are printed in the Student Handbook, and it is the duty of all students to become familiar with the Handbook, and to regulate their life thereby. Any regulation adopted and announced by the administration and/or faculty has the same force as those guidelines already in print.

Attendance at the University is a privilege, not a right. In order to safeguard its scholastic and moral atmosphere, the University reserves the right to request separation/dismissal of all students whose presence is deemed detrimental to its mission and function following a thorough investigation. Students may forfeit connection with the University without any overt act if they are not in accord with its standards and objectives. The use of tobacco, alcoholic beverages, narcotics or other illicit drugs, dancing, indulging in profanity or vulgarity, possession of lewd or obscene materials, or engaging in improper associations is prohibited. Involvement in any scandal may also be cause for suspension or dismissal.

BEHAVIOURAL EXPECTATIONS FOR STUDENTS

(Refer to Students Handbook for more details)

The Christian ethic demands respect for duly constituted authorities. This includes both civil authorities and those other authorities such as parents, teachers, work supervisors, University administrators, etc., to whom the individual is subordinate.

SU is dedicated to upholding respect for civil law as well as respect for the principles of Christian deportment. Off-campus misconduct may raise questions concerning the suitability of students to be members of the SU community. At the same time, misconduct on campus may be judged by its disruption of the normal functioning of the University. Thus, it is recognized that some types of misconduct may constitute violations of both civil and University codes and actions may be taken by both civil and University authorities without constituting double jeopardy as emphasized by the student's handbook.

The primary concern is to maintain the integrity of its educational function and safety of all residents by up-

holding the principles on which the University was founded. The University recognizes that its work, while being educative and redemptive, involves a certain level of custodial function, and it takes these responsibilities seriously. It asks the students to seek to live by the principles of Scripture given in such passages as Romans 3:2; 2 Corinthians 6:4-12; Philippians 4: 2; and 1 Corinthians 10:31. Students who are committed to being Christian ladies and gentlemen are not likely to find themselves in conflict with University expectations. However, students who, through dress, appearance, conduct or attitude, clearly demonstrate an unwillingness to cooperate with the expectations of the University as outlined in the Student Handbook will be asked to withdraw from the University or may be denied readmission for the subsequent semester. Christ being our example, the following activities are not Christlike and are strictly prohibited on or off campus:

- Lying, stealing, fornication, cheating in any form, that is in examinations, immigration,
- Registration, class assignments, graduation, cafeteria, convocation, orientation, etc.
- Possession or use of illicit drugs, tobacco, or intoxicating drinks in any form.
- Gambling of any kind
- Stealing
- Use of vulgar language or possession of degrading literature and pictures
- Defiance of authority and the incitement of others to insubordination
- The use of violence in any form, including cruelty to animals
- Tampering with locks or the unauthorized possession of a key to any school lock, vandalism and unauthorized entry to buildings
- Possession of firearms or weapons of any kind
- Any form of immorality

LEAVE OF ABSENCE

When students need to leave the campus for any reason, proper arrangements must be made. Forms to be filled are available from the Deans of Residence Halls. The Student Handbook gives further details.

PURPOSE OF STUDENT AID

Student Aid is meant to assist students who are deemed needy and worthy (by the Student Aid Work Program Committee) to complete their education. This aid should be viewed as an effort to provide help to students for school fees only and should not, at any time, be seen as taking over the full responsibility for fees.

DEFINITION OF NEEDY STUDENT

Students considered to be needy should meet the following criterion:

- Demonstrate and/or prove the basis for his or her financial problem, e.g. death of a sponsor, withdrawal of sponsor or other extenuating circumstances.

DEFINITION OF WORTHY STUDENT

Student considered to be worthy should meet the following criteria:

- Completed at least a full semester at SU.
- Have a Cumulative Grade Point Average (G.P.A.) of 2.50 or better.
- May not be on any type of probation, or suspension.
- Demonstrate a commitment to principles for which SU stands for through attitude and deportment.

NB: It is at the discretion of the Student Aid Work Program Committee to examine each case on its merit.

APPLICATION FOR STUDENT AID/WORK PROGRAM

A student must do the following:

- Submit to the Student Finance Officer a personal application letter and complete a Student Aid Work Program Application Form obtained from the Administrative Secretary to the Dean of Students (DOS).
- Produce an accompanying letter from the sponsor indicating the level of support possible and any other proof of extenuating circumstances.

NB: The University Administration works closely with the Zimbabwe SDA Unions and Conferences and other higher church organizations in the development and implementation of the Seventh-day Adventist bursary plan, and is working continuously on the development of additional sources of finance to help needy students.

It is the responsibility of each student to be informed about all matters pertaining to university academic requirements. The University reserves the right to make such changes as circumstances demand with reference to admission, registration, tuition and fees, attendance, curriculum requirements, conduct, academic standing, candidacy, and graduation. Such changes are published on the SIS.

REGISTRATION

Students are expected to register on the dates designated in the University Calendar of Events posted on the SIS. The university reserves the right to update the calendar as circumstances demand. Registration closes before classes begin while late registration closes after classes have commenced.

Late registration is only for returning students except where a new student is being admitted into an already established/formed new cohort for that session.

New students must register or show their commitment to commence by paying at least 50% of the required fees for the session before close of registration (not late registration). Registration of new students as per Calendar of Events allows the university to assess new cohort numbers and communicate to applicants whether or not the cohort will commence or be deferred to the next session before schools open. The above helps both the student and the university to plan. Registration procedures include all those activities involved in obtaining status at the University – academic registration, financial clearance and the filling of all other details required.

Students are expected to be in class at the beginning of each semester. Unregistered students authorized by the Student Finance Office to attend classes until close of late registration will be charged for all services (dormitory & cafeteria included) rendered even if they fail to register by close of the late registration period.

Attending any classes before authorization or completing the registration process is dishonesty and an act of misconduct for which disciplinary measures may be imposed on the offender. Such students shall not be eligible for belated registration. It is the responsibility of students to confirm their registration on the Student Information System before the close of registration. Students who have financial challenges may refer to the payment plan on the fees schedule in consultation with the Student Finance Office at studentfinance@solusi.ac.zw

Late Registration

Students are expected to be in class at the beginning of each semester. Refer to the Calendar of Events in the Student Information System for the deadline beyond which students may not register for any class.

Adding or Dropping a Course

A course may be dropped or added only after the Chairperson's approval which shall be sent to the Records Office at records@solusi.ac.zw. This form, properly completed, must be taken to the Records Office for processing. Official dates as to when changes may be made, when charges for changes go into effect, and when W or F (Withdrawal or Fail) notations are effective will appear in the Academic Calendar. A withdrawal earns no course credit.

COURSE LOAD

The course load is expressed in semester credits. A semester credit represents fifteen 50-minute class periods, meeting regularly each week for one semester/bimester. It presupposes approximately two hours of preparation for each credit hour in class. Thus, a three-credit class would meet three times a week and assignments would require six hours of preparation per week. A laboratory period of three hours is normally considered equal to one regular class period.

The normal class load for undergraduate students is 12 to 18 credits per semester. A student who wishes to register for more than 18 credits must secure permission from the Dean of his/her Faculty. If good scholarship

has been demonstrated by the student the Dean may permit first-year students to register for 19 credits. Second or third-year students may register for 21 credits upon meeting the following conditions or guidelines:

- First and Second year students should have a G.P.A. of 3.00 and above
- Final (third or fourth) year students should have a G.P.A. of 2.75 and above.

Adding to the approved course load by receiving instruction privately, or by distance education courses, is prohibited. Where students are legitimately enrolled in private or distance education studies for an external examination in order to make up for a deficiency or for any other reason, their course load is reduced accordingly. Under no circumstances are students permitted to earn more than 21 credits during any fifteen-week semester, or more than 10 credits during any six-week summer session.

CHANGE OF MAJOR

Students wishing to change from one major to another can do so through the relevant faculty subject to the approval of the Senate Executive.

DISTANCE EDUCATION COURSE WORK

Normally, students do not take distance education courses while in residence but may be allowed to do so because of conflict in schedules. Permission must be obtained in writing from the Senate Executive Committee. The distance education course is counted as part of the regular University load. Six months from the time of enrolment in Distance Education is the period normally allowed for the completion of a course. Where students are legitimately enrolled in a distance education institution in order to make up for a deficiency or for any other reason, their course load is reduced accordingly so that it does not exceed the full or overload limits. Students who wish to enroll in a distance education center must bear in mind that only credits from institutions recognized by the government will be accepted.

A maximum of 16 credits by distance education is accepted toward degree requirements.

CLASS ATTENDANCE

Regular attendance at classes and laboratory periods are required beginning on the first day of each session. Regardless of the reason for class absence, whenever the number exceeds 20 percent of the total course appointments, the grade of F may be recorded. An unauthorized leave of absence from the campus does not excuse students from classes, or relieve them from meeting all required class work.

Three tardies are the equivalent of one absence. For financial and academic record purposes, students are considered as members of a class until they secure the Chairperson's approval to drop and are subsequently dropped from the class list on the Student Information System.

Excuses for absence not due to illness are issued directly from the office of the respective residence hall Dean. A report of a student's illness is issued by a registered medical practitioner. This report should be taken to the respective lecturer/s. Residence hall students are not given an excuse of illness unless they have been confined either to the room or to the clinic by the SU nurse.

ASSESSMENT OF CANDIDATES

Each course is examined by continuous assessment, which shall be given to the concerned student within a week of every submission to the lecturer and by a formal final comprehensive examination. The weight of the final examination normally is 60% and the weight of continuous assessment (assignment, quizzes, etc.) is 40%. However, for continuous assessment the ratio between supervised and unsupervised work is 4:1 (i.e. unsupervised work does not normally carry a weight exceeding 20% of the total of continuous assessment). Any deviation from the above needs approval of the Senate. The recommended duration for final comprehensive examination is:

Theory Courses

1 Credit Course	-	1 Hour
2 Credit Course	-	2 Hours
3 – 4 Credit Course	-	3 Hours

Lab Courses

1 Credit Course	-	3 Hours

FINAL EXAMINATIONS AND GRADE REPORTS

Students are expected to adhere to the published FINAL COPY of the Final Examination Timetable schedule. Should the examination schedule require students to complete four examinations in one day, this matter may be brought to the attention of the Registrar at an early date for possible rescheduling.

Grades are published on the Student Information System for students to view. Due to automation (self-service), students who are paid up can view their grades on-line and NO PRINTED COPY OF GRADES shall be issued to students. However, students can apply for a full printed interim transcript any time during their course of study as well as a final transcript as alumni (after graduation in addition to the one issued at graduation). Sponsoring organizations and guardians may receive interim transcripts on written request of the student. At registration students should specify any sponsoring person(s) or organization(s) they wish to share the academic results with and provide the addresses of the same (authorization by the student will still be required before release of the grade report).

TRANSFER OF CREDIT AND WAIVER

A student who transfers from approved institutions of higher education may have credits earned in those institutions accepted without validating examinations by submitting complete and official transcripts from each Degree Offering College or university attended. Transcripts are not regarded as valid unless they are sent by the Registrars of those institutions directly to the Office of the SU Registrar. Acceptance of credit for university-level coursework from another institution is subject to the following limitations:

- All previous college/university work must meet a minimum grade of C and a GPA of 2.00.
- Not more than 70% of the total credits are accepted towards a Bachelor's Degree program at SU, and not more than 50% of total credits are accepted towards a two-year Diploma program.
- Zimbabwean University students with - 'O' level or equivalent obtained in Zimbabwe, but who studied at the university level outside the country are considered for admission if they have earned at least 30 semester hours (45 quarter hours) with a GPA of 2.25 or better.
- All credits presented for university transfer credit must be relevant to the students' particular program at SU.

PROCEDURE FOR TRANSFERING CREDITS (TC)

Application for transfer of credits should be submitted during THE FIRST YEAR OF STUDY AT SU

- First the student will request the former University registrar to forward the TC transcript to the SU registrar.
- Upon receipt of the student's transcript, the registrar will submit it to the relevant department for assessment of the subjects to be credited using the required form.
- The relevant department will then outline courses to be credited, sign and send to the registrar for processing. Only courses that carry a GPA of 2.50 (C+) could be credited for major courses and 2.25 (C) for General courses. No core Theology/Religion courses may be accepted for credits coming from a non-SDA institution.

GRADES AND GRADE POINTS PER CREDIT

The authority to determine final grades rests with the department and the Senate. Grades are recorded at the close of each semester as shown in the table that follows:

Undergraduate – Grading Scheme			
Marks in Percent	Letter Grade	Grade Points Per Credit	Significance
90-100	A	4.00	Superior
80-89	A-	3.67	
75-79	B+	3.33	Above Average
70-74	B	3.00	
65-69	B-	2.67	Average
60-64	C+	2.33	
50-59	C	2.00	
45-49	D	1.00	Below average
0-44	F	0.00	No Credit
Any deviation from this Grading Scheme and assessment may be granted by the Senate Committee, only, at the recommendation of the Faculty board.			

CALCULATING CUMULATIVE GRADE POINT AVERAGE

The cumulative Grade Point Average (GPA) is obtained by dividing the total number of grade points obtained by semester credits attempted.

Credits transferred from other institutions do not carry grade points.

Some courses are required and graded but carry no credit. Such credits earn a grade of S/U (Satisfactory or Unsatisfactory) and are not used in calculating the Grade Point Average.

The calculation of GPA is based on the following table:

GPA Calculation & Quality Points for Each Letter Grade						
No.						
Credits	1 Cr	2 Cr	3 Cr	4 Cr	5 Cr	6 Cr
A	4.00	8.00	12.00	16.00	20.00	24.00
A-	3.67	7.34	11.01	14.68	18.35	22.02
B+	3.33	6.66	9.99	13.32	16.65	19.98
B	3.00	6.00	9.00	12.00	15.00	18.00
B-	2.67	5.34	8.01	10.68	13.35	16.02
C+	2.33	4.66	6.99	9.32	11.65	13.98
C	2.00	4.00	6.00	8.00	10.00	12.00
D	1.00	2.00	3.00	4.00	5.00	6.00

Students may calculate their SEMESTER GPA by the following method (also using the table above):

- Multiply the number of credit hours by the number of grade points per credit (quality points) assigned to the letter grade earned in each course (Do the same for each course with a grade A-F).
- Total the number of grade points per credit earned in all courses for the semester.
- Divide the total of grade points by the total number of credits attempted.

Additional grades which yield no quality points and are not included in the computation of grade point averages are as follows:

AU - Audit. Audit indicates registration for attendance only. It is possible to audit a class provided: (1) there is room in the class, (2) the students have an appropriate background, and (3) permission of the lecturer and appropriate Departmental Chairperson is obtained. Auditing students are expected to attend at least 80 percent of the class periods. If they fail to do so they are assigned a notation of unsatisfactory Audit (UA). The tuition charge for an audit course is the same as for credit courses. All changes of registration from audit to credit or vice versa must be made by the dates specified in the Calendar of Events. Students who audit classes earn no

credit or grade in the class.

DG- Deferred Grade: A ***DG*** may be given in certain courses designated by the lecturer and recognized to be of such a nature that the courses may not be completed within one semester. It is not a substitute for an Incomplete, but it may properly be given for tours, field experiences, internships, work/study courses, and courses containing research that reasonably extends beyond one semester. A ***DG*** should be changed to a grade by the end of the following semester, but no later than one year from the date the ***DG*** was originally recorded under special circumstances unless the Senate Executive Committee approves an extension of time upon petition written by the students and recommended by the lecturer. Deferred grades must be removed by the time of the students' graduation. A ***DG*** that is not completed within the approved period of time is changed to a ***U*** signifying unsatisfactory performance and will need to retake the course. A DG has no effect on the Grade Point Average. A ***DG*** is not submitted when a student has not fulfilled the requirements within the stipulated time.

I – Incomplete: An ***I*** indicates that the students' work is incomplete because of illness or unavoidable circumstances including failure to meet the final installation fee payment (percentage to write final examinations) and not because of negligence or inferior performance. Students who receive an ***I*** because of failure to sit for final examinations due to non-payment of the last fee installment can apply for special examination and clear the I grade by the end of the following semester, block, or bimester. An ***I*** may received upon mutual agreement between the lecturer and the students before the final class period by completing an ***Incomplete Contract*** form signed by both the lecturer and the students and a copy submitted to the Records office via the Registrar by the final class period. The contract designates the work to be completed, the time limit, and the grade the students automatically receive should the work not be completed within the agreed upon time. Ordinarily an ***I*** is removed during the following semester. ***Any contract made for more than one semester must have, in writing, the approval of the Dean of the Faculty and copy filed in registry (see form from the department)***. Any request for an extension of time beyond the contract time is filed with the Dean in a written petition prior to the contracted date be further approved by Senate Executive Committee. Students who fail to redeem the incomplete grades in the stipulated time will be awarded a ***U*** (Unsatisfactory) and will need to retake the course. The number of ***I***'s reported for students are assessed by the Dean to determine the students' work and class load for the following semester. All ***I***'s must be removed before students graduate. Incomplete Contract forms are available at faculty of department offices.

S/U – Satisfactory/Unsatisfactory: An ***S*** or a ***U*** grade may be given in certain designated courses. An ***S*** means that a C or higher has been earned in the course, and a ***U*** signifies unsatisfactory performance. A credit is earned only if an S is received. No quality points are assigned to ***S/U*** courses, and an ***S/U*** notation does not affect the Grade Point Average.

W – Official Withdrawal: A ***W*** is recorded when students withdraw early in the semester, within the date limitations indicated in the Calendar of Events (normally four weeks before the last day of classes). A withdrawal after the date limitation has no financial refund and is automatically recorded as an F. It is the responsibility of students suspended for violating University Rules and Regulations to withdraw all registered courses before they leave and within the date limitations in the Calendar of Events.

GW (Grade Withheld): Students whose disciplinary case is still under review but has been stopped from attending classes/removed from campus due to his influence or other reasons may file for a ***GW*** (Grade Withheld) until the verdict is passed.

REPEATING CLASSES

All Grade Point Averages for admission, academic standing and graduation are calculated on credits attempted for which grades of A, B, C, D or F was received. However, students may repeat a course twice in which they receive an unsatisfactory grade. In such a case, the record of the first attempt will not be erased, but in computing the GPA the credits and quality points earned in the better effort are used.

A course repeated for the purpose of replacing a low grade must be taken on campus. When a course with a

laboratory is repeated, it is required that the laboratory also be repeated.

In a sequence-type course, students who earn an F for one semester must automatically repeat that course before being permitted to enroll or remain enrolled in subsequent courses in that sequence. Students who earn a D in such a course may sit for a supplementary exam where they may earn not more than a C grade in the following examination session. Where the student does not attempt the supplementary exam in the next examination window, they shall have to re-register the course and may earn any applicable grade.

DEAN'S LIST OF EXCELLENCE (DLE)

Students with a minimum ***GPA of 3.50***, who carry a minimum of ***12*** credits with letter grades of B or above and have no Incompletes or Unsatisfactory or Withdrawals, are eligible to be on the SU DLE. Receipt of DG does not make the students ineligible for the DLE. Normally, certificates are presented to all students achieving the DLE in an assembly shortly after semester grades are printed. The Dean's List of Excellence is usually published in the SU Newsletter, and if not published, is posted on the bulletin board.

ACADEMIC DISHONESTY

Honesty in all activities of life should characterize the life of all Christians and all trustworthy citizens. The information in this section includes a definition and explanation of the SU policies on academic dishonesty in its various forms.

Scope of Academic Dishonesty

Academic dishonesty by students includes, but is not limited to, falsifying of official documents:

- Plagiarism – defined as the unacknowledged use of another person's material or ideas.
- Presenting assignments or reports (lab, reading, etc) that are not based on the students' own work.
- Using materials during a quiz or examination other than those specifically allowed by the lecturer.
- Stealing, accepting or studying from confidential/stolen quizzes or examination material relating thereto, and working or copying from the paper of another during an examination, quiz or assignment.
- Students who knowingly aid another student in dishonest acts are equally involved.
- Dishonesty also includes the violations of copyrights and licensing agreements. Using the University's equipment to make illegal copies of copyrighted and/or licensed material – such as computer software, music recordings, or printed materials or to make and use unauthorized copies of such material that the University has provided for controlled student use – is considered as serious as other forms of academic dishonesty. In addition to disciplinary action taken by the University, students may be faced with possible legal action.

SPECIFIC DISCIPLINARY ACTION

Academic dishonesty is a serious offence, punishable by warning, receipt of a lower or failing mark, dismissal from a class, suspension, expulsion, degree annulment, or, in the case of falsification of official documents, non-admission or admission annulment.

Faculty members, who believe an act of dishonesty has occurred in class, should first discuss the situation with the student in question. Faculty members should keep written records of all such discussions and copies of relevant documents. At the discretion of faculty members, and dependent upon the gravity of the offence, faculty members report the incident to the Department Chairperson. If, in the judgment of faculty members and Chairperson, the case merits further counsel, they must consult the Dean of the Faculty in which the offence occurred.

Cases which involve individual class assignments, daily quizzes, examinations, other than midterm or final examinations, and writing assignments that constitute less than 30% of the final grade may be handled within the department in which the offence occurred.

More serious cases of academic dishonesty, such as theft of an examination before it is administered, partici-

pation in a cheating ring, wholesale plagiarism of a major paper, or any type of dishonesty involving the final examination, is handled, upon consultation, by faculty members, the Registrar, the Department Chairperson, and the Dean of the Faculty in which the offence occurred is awarded an ***"F".*** Offences of greater magnitude are reported to the Dean of the Faculty in which the students are enrolled, and the appropriate Dean and the Registrar also counsels with the Dean of Students if the matter requires action of the Student Disciplinary Committee.

If the action involves a recommendation for suspension or dismissal from the University, the above parties present their evidence to the Senate Executive Committee for final action. The written records of all discussions, including written statements from the students are kept in the offices of the relevant faculty members, Department Chairpersons, Deans and the Registrar.

FALSIFICATION OF OFFICIAL DOCUMENTS

Students who falsify official documents are judged dishonest and are then dismissed. Prospective students who are discovered prior to admission to have presented falsified admission documents are automatically denied admission to any of the programs of the University. Should it be discovered after admission that a student presented falsified documents for admission, such admission is annulled and the record of academic achievement removed from the academic record with appropriate notations? Such annulments or denials may be reviewed after one year.

DISHONESTY IN COURSE REQUIREMENTS

Course work (quiz, assignment, report, examinations, etc.) in which students have been dishonest receive zero points towards the grade in fulfillment of a course requirement, or may receive a failing grade for the course. When students cheat in a major or final degree assignment such as a comprehensive examination, or present plagiarized material in a major or final degree assignment such as a thesis or dissertation, those students are dismissed and barred from completing or receiving the degree.

DEGREE ANNULMENT

If the University should discover evidence of plagiarism, falsification of official documents or other academic dishonesty after a degree has been granted, the degree may, after going through the due processes procedures and the opportunity for an appeal, be annulled by the University Council and the annulment is indicated by a notification affixed to the students' official transcript of records.

The Senate makes a recommendation to the Vice-Chancellor, who in turn makes a recommendation to the University Council. This requires the majority vote at a full University Council meeting.

ACADEMIC PROBATION

Students who are on academic probation are expected to limit extracurricular activities and part-time employment, and are to carry a load of no more than 12 credits per semester. After students have accumulated at least 12 credits and earned a cumulative Grade Point Average of 2.00, they are removed from academic probation.

For the undergraduate programs, students are expected to maintain a cumulative GPA of 2.00. However, students are placed on academic probation at the conclusion of any semester in which their cumulative GPA falls below 1.90. Students can be on probation for a maximum of two semesters throughout the whole program. Any admitted students who are placed on academic probation twice, are discontinued from their studies for at least two consecutive semesters.

They are allowed to reapply for admission, and, if accepted, are given one more opportunity to raise their GPA to 2.00 within 1 semester. If they fail to do so, they are dismissed. Similarly, students who fail a required course three times are also dismissed.

APPEAL AGAINST ACADEMIC DISMISSAL

Students who are subject to academic dismissal may appeal to the Senate Executive Committee through the

Head of Department and the Dean of their Faculty for semester-by-semester admission, with the understanding that if their appeal is granted they must successfully complete a minimum of 12 credits per semester with a Grade Point Average of at least 2.00 for the semester. Failure to achieve this level may result in immediate academic dismissal. The Senate Executive Committee does not normally consider such individuals for readmission for at least two semesters, and then only after being satisfied that the chances of success are greatly improved.

GRIEVANCE PROCEDURE

Students who feel they have an academic grievance should follow this procedure:

1. Discuss the problem with the lecturer.
2. If not satisfied with the result, take the matter to the Chairperson of the Department involved.
3. If not satisfied with the result, take the matter to the Dean of the Faculty involved.
4. If the matter remains unresolved, present the matter, in writing, to the Senate Executive Committee via the Registrar who is the Secretary.

ACADEMIC ELIGIBILITY FOR FINANCIAL AID

Students must make satisfactory academic progress in order to be eligible, academically, for University – administered financial aid. Questions pertaining to the kinds of financial aid available should be addressed directly to the Dean of Students. Questions regarding their academic eligibility for financial aid should be made to the Registrar. Appeals resulting from the termination of financial aid for academic ineligibility should be made to the Pro-Vice-Chancellor through the Chairperson of Department and Appropriate Dean of the Faculty. Students with a cumulative Grade Point Average below 2.25 are not eligible for financial aid.

ATTENDANCE IS A PRIVILEGE NOT A RIGHT

The admission of candidates, their continuance and status, the awarding of academic credits and the granting of a degree are all subject to the ordinary regulatory powers of the University. The University reserves the right to cancel, at its discretion, any of these privileges for reasons considered sufficient by the administration.

The Deans of the Faculties and the Pro-Vice-Chancellor reserve the right to review at intervals the work of students, and, in consultation with the lecturer, to recommend to the Senate Executive students who are not doing work of a high calibre be advised to discontinue courses leading to a degree.

DISCIPLINARY AUTHORITY

Disciplinary authority of the University is vested in the Vice-Chancellor by right, and in the Officers of the University, the Residence Hall Deans, and other University personnel to whom jurisdiction may be conferred for specific cases and in restricted areas.

TRANSCRIPTS

The Registrar issues transcripts of the students' University record upon ***written request*** by students, accompanied by payment of the designated transcript fee. ***Telephone requests cannot be honoured.*** Transcripts are not issued for students with unpaid accounts. Transcript and certificate can only be issued to the concerned student however; Transcript requests from parents, government agencies, corporations, and other third parties will be honoured only when accompanied by a signed release from the student authorizing the release of the University's transcript of his or her academic record to a specific person, corporation or agency. Requests for SU transcripts should reach the Records Office 10 days before they are needed.

STUDENTS' GOVERNING BULLETIN

Once a student is admitted into a program the bulletin that is prevalent at the time of admission is the bulletin that will apply or be used for a period equivalent to twice the duration of the program of study. In the event of a break and upon return, if a required course is no longer offered, the University reserves the right to require an alternate course. Furthermore, if students are working for certification by governmental professional agencies, it may be necessary for them to graduate under a recent bulletin.

RESPONSIBILITY OF THE STUDENT

The responsibility for meeting degree requirements rests upon the students. All students are expected to be fully aware of all the various requirements as published in the University Bulletin under which they propose to graduate. Students are to choose the bulletin in accordance with the principles stated above.

The provisions of this University Bulletin are not to be regarded as an irrevocable contract between students and the University, because attendance at SU is a privilege and not a right. The University reserves the right to change any provision or requirement at any time within the students' term of residence. All regulations adopted and published by the SU Council or the Faculty subsequent to the issuance of this University Bulletin have the same force as those published here.

ACADEMIC ADVISERS AND ADVISING

All students are assigned a faculty member to advise them in the academic program. Usually this is the Chairperson of the Department of their major area of study or another faculty member appointed by the Chairperson of the Department. At the beginning of each semester, students are to review their academic program/s with their assigned adviser. Students should carefully study the University Bulletin under which they are to graduate. To avoid conflicts or misunderstandings, students should check with their adviser in order to validate their check sheet. The following section answers questions students often have regarding academic advising.

Advisers' Responsibilities to the Student

Advising is one of the faculty responsibilities. Lecturers are available to help during posted office hours, or whenever lecturers make an appointment to talk with students. Advisers keep a file on students that summarizes the classes they have taken, the requirements they have completed, and dated records of all significant actions and discussion.

Advisers know about bulletins, class schedules, and general education requirements, thus they answer questions about academic and non-academic policies and procedures. If students need additional help or information, advisers can refer students to other sources.

More specifically, students should meet with their adviser and discuss their classes before the semester begins. Usually this is in connection with registration or pre-registration. Students need their adviser's signature on the registration form, which comes after students and advisers have discussed what options are available for the upcoming semester. Then, if the students are first-year students, or on academic probation, the adviser receives reports on the progress in each class, and about half-way through the semester asks the students to come and discuss with the adviser. These meetings are not something that students should dread, because the advisers are there to give a chance to help the students cope with any academic problems.

Responsibilities of the Students to the Adviser

Students can benefit most from their relationship with their adviser if they do the following:

- Keep the adviser informed of their progress and problems.
- Make appointments at least once during the semester to discuss plans for the coming semester.
- Discuss any major changes before making a final decision – such as adding or dropping a course, changing majors, or deciding to transfer or withdraw from school.
- Ask for advice on course prerequisites and interesting classes to take.
- Discuss any problems that may be interfering with school work. If an adviser cannot help, they can refer students to someone who can.
- Know the SU Bulletin and the program guide sheet for the major. ***Students are legally responsible to know and understand the University Bulletin – and advisers expect that they do.***

FINAL EXAMINATIONS INFORMATION, POLICIES & REGULATIONS

BEFORE THE EXAMINATION

Credit is not granted IN COURSES UNLESS THE REQUIRED EXAMINATIONS ARE COMPLETED BY THE STUDENTS. The students are expected to sit for a maximum of three (3) exams in a single day and adhere to the published examination schedule. However, should the examination schedule require students to complete four examinations in one day, this matter may be brought to the attention of the Registrar for possible re-scheduling.

- CHECK THE TIMETABLE. Candidates have the responsibility to check the timetable to ensure that they know the correct date, time and venue of each examination. They should NOT depend on unofficial information given by classmates, or on information communicated by telephone.
- NOTE. The candidates must carefully check the dates, times and venues for each examination as given in the FINAL COPY of the Final Examination Timetable. Special care should be taken to ensure that it is the final and not a previous draft.
- MISREADING A TIMETABLE. If candidates misread a timetable, this is not an acceptable excuse for late coming or missing an examination.
- ANY QUERIES ON THE TIMETABLE. Any questions should be directed to the appropriate Chairperson of the Department who in turn will call the attention of the Secretary of the Timetable Committee (Assistant Registrar for Exams and Records) at *exams@solusi.ac.zw*

IN THE EXAMINATION ROOM

In the examination venues, candidates are assigned a place on which is placed an attendance slip which gives the full name, the ID number, degree program, and the examination title.

ENTRY INTO THE EXAMINATION ROOM

Candidates must produce their validated student ID cards to the attendants and/or to the invigilators when requested to do so. Students unable to identify themselves may be barred from writing the examination. All lost ID cards must be replaced at least 24 hours before examinations start.

- ON ENTERING THE EXAMINATION VENUE. Candidates must sitted no later than 15 minutes before the exam begins.
- AFTER THE EXAMINATION BEGINS. No candidate shall be admitted into the examination room 30 minutes after the examination has begun. Candidates who fail to sit for an examination within the said 30 minutes may apply for a special examination, through the Faculty and upon approval pay the special examination fee and sit for the examination when-next the course is offered.
- NOT ALLOWED TO LEAVE. During the first 60 minutes of the final examination, examinees are not allowed to leave the examination room.

EXAMINATION MATERIALS

Answer books, graph paper, mathematical tables and essential reference material is provided by the examiners.

- BRING OWN SUPPLIES. Candidates must bring their own pens, pencils, rulers, non-program calculators, rubbers, etc.
- DO NOT USE RED INK. A blue or a black ink pen should be used for all examinations.
- NO UNAUTHORISED MATERIALS. Materials such as bags, briefcases, parcels, cell phones, money notes, compacted class notes (diskettes), or other such items are not allowed into or around the examination hall. All must be left at the hostels or with the residence deans for safe keeping.
- NON-PROGRAMMABLE ELECTRONIC CALCULATORS. These are allowed provided they are checked and cleared by a member of staff in attendance before the start of the examination. All such special materials are allowed subject to scrutiny by an invigilator.
- HAND IN NOTEBOOKS. In practical examinations, on entering the laboratory, candidates must hand in to an invigilator their laboratory notebooks which are retained for inspection by the University examiners.

EXAMINATION PROCEDURES

The Assistant Registrar for Examinations is responsible to the Registrar for the conduct of examinations, and candidates must adhere to any instructions from the Registrar's designate.

- ATTENDANCE SLIPS. At each examination, candidates must fill in and sign the Attendance Slip on their desk and place them on the desk and NOT on the floor. The slip will be collected by the invigilator at the appropriate time.
- IDENTIFICATION CARDS. Candidates must place their student ID cards on the desk for checking by an invigilator.
- ANSWER BOOK. Candidates must print their student ID number on the top of the answer book, and comply with the instructions listed on the front cover of the answer book.
- LEAVING THE EXAM ROOM WITH INTENT TO RETURN. This is strongly discouraged, and candidates who are permitted to leave the room with the intention of returning should be aware that they shall be escorted to the restroom and may be subjected to a physical search before returning to the examination room. Candidates who leave the examination room without the permission of an invigilator may not be allowed to re-enter the room, and may be disqualified from the examination. Candidates are advised to visit the toilet before the examination begins in order to minimize movements during the exam session.
- MISCONDUCT. If candidates are found in possession of unauthorized material, or attempting to obtain information from other candidates or their papers, or are found otherwise guilty of misconduct during the examination, they shall be disqualified and expelled from the exam room by the Chief Invigilator after submitting a written report. The candidate may also be disqualified from any further final examinations by the Disciplinary Committee.
- AT THE END OF THE EXAMINATION. Candidates should not leave their desks until an invigilator has collected their answer scripts and they have signed the submission list.

FAILURE TO ATTEND

Candidates who fail to attend an examination must notify the Assistant Registrar for Exams and Records at exams@solusi.ac.zw immediately and confirm the absence with an explanation in writing. Furthermore the student may apply for a special exam through the department.

- ABSENCE DUE TO ILLNESS REQUIRE MEDICAL CERTIFICATE: A written report by a medical practitioner registered in terms of Health Professions Act must be submitted to the Assistant Registrar for Exams and Records at exams@solusi.ac.zw within 7 days of the examination missed. The University does not accept any excuses for absence which are not properly substantiated and authenticated.

GENERAL INFORMATION

The formal University examinations are compulsory, and performance in these examinations, coupled with performance during the year / semester (continuous assessment), determines the candidate's results.

- WRITE CLEARLY: Illegibility detracts from the answers, and conversely, neat answers assist the examiners and are to the candidates' benefit.
- PUBLICATION OF RESULTS: Results shall be published after the Faculty Board and the Senate have approved the grades. Results are posted online for candidates to view as per the published calendar of events.
- APPEAL AGAINST A DECISION WITHIN 21 DAYS: Candidates, who are advised by the Department to change to a different degree program due to poor performance, have the right of an appeal against this decision. But this must be done within 21 days after the publication of the examination results.
- CHANGES OF ADDRESS: Candidates should immediately report any change of address to the Assistant Registrar Recruitment Admissions and Graduation at admissions@solusi.ac.zw.
- NAME NOT ON RESULTS LIST: Candidates whose names do not appear on the results list, or who do not receive formal notification of the results in the usual time, should immediately contact the Chairperson to establish the position.
- APPEALS FOR REMARKING: Students who want to request a remarking of an examination script should do the following: (1) Get approval from the Department Head or Dean of Faculty with a copy to the Pro Vice Chancellor; (2) Pay the required fee, and (3) submit the application for this to the Depart-

ment Head or Dean of Faculty. (Note Applications for remarking should be made within 21 days after the grades have been published).

- LECTURERS SHOULD SUBMIT EXAMINATION SCRIPTS for at least eight (8) years, the Chairperson shall keep the scripts in a safe room and prepare a directory of the scripts in his or her custody. After eight (8) years, scripts shall be destroyed by a representative of the department.

INDUSTRIAL ATTACHMENT GUIDELINES

1. Programs at the University shall normally include a period of supervised Industrial Attachment approved by the appropriate Departmental Board. For the 4 year Honours Degree Programs attachment should be at least 8 months.
2. The implementation of the Industrial Attachment program shall be as provided by Faculty Regulations.
3. Assessment of the Industrial Attachment program will be carried out in accordance with the following regulations:
4. To obtain an overall pass, a student must pass both the Continuous Assessment and the Final Assessment components of the Industrial Attachment.
5. A student who fails the Continuous Assessment component will be required to repeat.
6. The overall Assessment shall be as determined by the Faculty Regulations.
7. The Continuous Assessment mark shall be determined by the Departmental Panel of examiners from the marks awarded by the Industrial and Academic Supervisors on the appropriate forms.
8. The Final Assessment mark shall be determined on the basis of the final report assessment.
9. Two copies of the final report in a form approved by the University must be submitted to the Department within two weeks of the end of the lecture period for the second semester of the academic year.
10. A Student who fails to meet the required date of submission of the report will normally be considered to have failed the Final Assessment.
11. A student who fails the Final assessment but has passed the Continuous Assessment component may be allowed to resubmit the Industrial Attachment report within two months, and be reassessed. Unless otherwise determined by the Senate, the maximum mark allowable for such referred work shall be 50%.
12. The Academic Policies on Repeat and Withdraw shall apply to Industrial attachment.
13. A student who fails the Industrial Attachment Part shall not proceed to the Final Year of the Degree Program.

Guidelines on Exempting Students from Attachment

1. Candidates wishing to be exempted from undergoing a full year of attachment may apply to the Department for that exemption at least six months before the final examinations of the second year. Students would be required to pay the stipulated exemption fee before they are assessed.
2. A student being exempted from Industrial Attachment will be assessed on the basis of previously attained experience. They should meet normal assessment requirements.
3. The Department will make a preliminary decision on whether or not to assess the student for exemption.
4. The Department's decision will be entirely guided by the student's own application which should give convincing evidence for relevant previously earned experience.
5. The Department's preliminary decision is subject to approval by the Faculty Board and the Executive Committee of the Senate before it is implemented. If a student is granted exemption, the Department will proceed to assess the student using formal and normal channels of assessing students on Industrial Attachment.
6. If the exemption is denied, such a student will proceed to do one full year of Industrial Attachment.

EXPECTATION AND GUIDELINES FOR ATTACHEES FROM SU

1. The student is subject to University regulations and the company regulations during the industrial attachment. The student is expected to:-

(a) Conform to the company's regulations, working time and discipline.

(b) Fulfill the supervisor's instructions concerning the training process and carrying out of the Indus-

trial Attachment work.
(c)Write a log book on a daily basis and submit a report after finishing the training in a given department or unit.
(d) Take part only with educational purpose in mind according to the ultimate instructions of the supervisor.
(e) Put his/her best efforts to acquire extensive knowledge and skills in order to achieve the required standard of training.
(f) Keep good relations with all the staff of the company.
(g) Promote the good name of the University.
2. The choice of a company for the Industrial Attachment will not be based on any probable monetary benefits the students may stand to gain.
3. A student will not be allowed to change organizations without the authority of the University.
4. The student must always bear in mind that his/her conduct during the Industrial Attachment period will reflect not only on him/her but also on the University and that it may also considerably affect the future industrial attachment placements and the relationship between the University and the company.

GUIDELINES FOR THE INDUSTRY ON THE TREATMENT OF THE STUDENT DURING INDUSTRIAL ATTACHMENT

1. A student shall be subject to the company's regulations and is expected to function like a full time employee of the company.
2. For the period of the Industrial Attachment a student may have an allowance, an insurance and medical aid cover from the University.
3. The company is requested to provide the student every opportunity to function like a full-time employee and permit him/her to actively participate in all aspects of the business management and administration except where confidentiality constraints may not permit his/her participation.
4. Wherever possible, the company is requested to assist the student by providing welfare measures such as providing help in finding suitable accommodation close to the company, access to canteen facilities, company transport facilities and any other relevant issues.
5. If the company wishes to pay the student an extra allowance, the arrangement is only between the two parties, i.e. the student and the company involved.
6. If a company is having a problem with a student, the company should inform the University.

ACADEMIC QUALIFICATIONS FOR BACHELOR'S DEGREES

The following qualifications are required for bachelor's degrees:

1. Depending on the degree program the completion of 100 – 120 semester credits, including a major and minor, or an area of concentration, and basic General Education Requirements or the completion of 480 – 540 Notional credits, including core courses (MBK/S – 80%), and General Courses (20%).
2. An overall average of C (2.00) or above and also a grade of at least "C" in each course which earns credit and or any course that is attempted.
3. Attain a grade of S (Satisfactory) in all courses that require an S/U grade.
4. Completion of graduation qualifying examination (where applicable).
5. A minimum of 32 semester credits must be earned at SU, in residence, immediately preceding conferment of the degree. However, for students who did most of their studies (75%) at Solusi, special consideration could be given by the Senate Executive Committee for them to do up to 10 semester credits at another university.
6. Students may not earn a second degree with the same nomenclature from the University. If a second (different) bachelor's degree is desired, students must complete at least 30 credits beyond those required for the first bachelor's degree, and must meet all the published requirements of the second degree. No course credits may be counted to fulfill the requirements of more than one concentration, major and/or minor.
7. The bachelor's degree students who have completed 32 credits at SU (at the time of evaluation) the semester before graduation will have the following designations based on his overall Grade Point Average (GPA): However, for the purpose of comparison, the following classification/designation table can be used:

Bachelor's Degree Classification/Designation	
Classification	Designation
First 3.33 – 4.00	Summa Cum Laude 3.90 – 4.00
Upper Second 2.68 – 3.32	Magna Cum Laude 3.67 – 3.89
Lower Second 2.33 – 2.67	Cum Laude 3.33 – 3.66
Pass 2.00 – 2.32	Pass 2.00 - 3.32

ACADEMIC QUALIFICATIONS FOR ASSOCIATE DEGREES

For an Associate Degree, a total of 64 semester credits, including a concentration is required. Also, a minimum GPA of 2.00 in residence credits, in transfer credits, and also in the area of concentration, is required. It is also required that a minimum of 20 of the last semester credits be earned in residence at SU immediately preceding conferment of an Associate Degree.

OTHER QUALIFICATIONS NOT BASED ON FULFILMENT OF CREDIT REQUIREMENTS: POSTHUMOUS & AEGROTAT AWARDS

The university offers the following based on criteria recommended by Senate and approved by Council:

1. Aegrotat Award and Symbol for Aegrotat Pass

Purpose of an Aegrotat Award

The purpose of an Aegrotat Award is to provide compassionate support and recognition of students' academic potential and merit despite being unable to complete the remaining academic requirements due to exceptional health circumstances.

Definition of the Aegrotat Award:
An Aegrotat Degree Award is typically awarded at the final stage of a student's academic program due to inability to complete the remaining few courses. The award can be given as a Certificate, Diploma, Associate Degree, Bachelor's Degree, Master's Degree among other qualifications. Inability to complete is defined as a serious terminal illness, severe injury or accident. Academic progression as well as supporting medical reports must be submitted to the Senate through the Registrar for assessment and further recommended to Council, the awarding body.

Future changes on Aegrotat Certificate or Transcript.
The certificate cannot be changed or re-issued ordinarily as per the university policy for certificates. The Certificate must be stamped AEGROTAT and the transcript must be carry the AEGT symbol against every course on the transcript that Senate has given a waiver for, that is a course or courses not done. The university reserves the right, through Council Action to do a change of Grade on the Transcript only should the affected student make the request and further fulfill the requirements in future. The Change of Grade is done through Senate Executive as per the university procedure but the AEGT symbols remain just as it happens for repeated courses (no altering of the academic record). Because of time lapse, the certificate shall remain as is but the re-printed transcript shall be reprinted showing the repeated courses bearing the standard university symbols (A, B, C, D, E, F) as per existing university standard but with a testimonial at the bottom of the transcript that academic requirements have been met.

2. **Posthumous Award and Pass**
This is awarded to a student who has failed to graduate due to death at the request of the family.

GRADUATION PROCEDURES
It is the responsibility of students to meet all the requirements for graduation. SU Council reserves the right to bestow university qualifications on candidates through a recommendation from the Senate.

Request for Graduation
To be accepted as a candidate for graduation, students must show a reasonable assurance for being able to complete all graduation requirements by the 30th of April of each year. To this end, students file with the Graduation Office at *graduation@solusi.ac.zw* a formal request for graduation outlining a program of study prior to graduation. The outline must be approved by an adviser from the department of the students' major field before it is presented to the Graduation office. Paperwork which is not tendered to *graduation@solusi.ac.zw* by the 30th of April shall not be considered.

Students are not accepted into candidacy if they have distance education work to complete or are on academic probation. Change from one degree program to another must be done at least six (6) months before graduation through an application by the student and approved by the Senate Executive Committee.

Fourth-Year Class Participation
Students are expected to participate in fourth-year class activities and ***Class Dues*** are a part of the graduation expenses of all graduates. The dues are charged to the account of candidates for graduation upon acceptance to candidacy. The dues fund the activities of the Senior Class and are non-refundable even if the candidate decides to graduate in absentia. All candidates for graduation must clear their accounts before names are recommended to Council for final approval and by the deadline published in the SIS.

It is traditional for the fourth-year class to present a gift to the University at the time of commencement as a gesture of gratitude to the institution, and as a memorial by which the class is remembered. Since this gift is normally something which may be displayed prominently somewhere on campus, it is the responsibility of the class officers to obtain approval of the University administration prior to negotiating its purchase or construction, thus ensuring that it is appropriate both to the philosophy and objectives of the institution, and to the overall master plan.

Participation in Commencement Exercises

Students must meet the following criteria before participating in commencement exercises:

1. Complete all published General Graduation Requirements.
2. Have all transcripts, including distance education work, in the Records Office by the date published in the SIS
3. Receive financial clearance from the Students Finance Office for satisfactory arrangements for all unpaid expenses, including any graduation expenses by the date published in the SIS.
4. Receive clearance from the Dean of Students for satisfactory conduct by the date published in the SIS. At the time of commencement all students under discipline for misconduct are required to withdraw from participation in all commencement exercises. If the Senate determines that despite misconduct, such students should be awarded a degree, it will only be as candidates in absentia.

Graduation in Absentia

The candidates must participate in commencement services unless granted permission to graduate in absentia, or unless required to do so by the Senate because of misconduct. Request for permission to graduate in absentia must be submitted in writing to graduation@solusi.ac.zw at least one month prior to the date of graduation. All students graduating in absentia will be required to pay a special processing fee.

Graduation Regalia

All graduation candidates who participate in commencement services wear a black graduation gown. As part of the graduation regalia a hood is worn over the gown, with each area of discipline represented by a different colour of hood. The colours are listed in the following table:

Graduation Regalia Colour of Hood – by Discipline	
Area of Discipline	**Discipline**
Arts	White
Business	Drab
Education	Light Blue
Nursing	Peach
Science - All	Yellow
Theology	Scarlet
SU Official Colours …… Red , Gold, Black and White	

CHAPTER ONE

FACULTY OF EDUCATION, HUMANITIES, AGRICULTURE, SCIENCE AND HEALTH PROFESSIONS (FEHASHP)

Dean- Prof. Peter Tsvara, PhD
Chairperson (Agriculture, Science & Health Professions) – Dr. Siphiwe Makamure, PhD
Chairperson (Education & Humanities) – Dr. Tembinkosi Sibanda, PhD

Departments and Degrees

A. Department of Agriculture, Science and Health Professions

- Bachelor of Science Honours in Agribusiness Entrepreneurship and Management
- Bachelor of Science Honours in Clothing Fashion Design
- Bachelor of Science Honours in Environmental Health
- Bachelor of Science Honours in Environmental Science
- Bachelor of Science Honours in Food Science and Technology
- Bachelor of Science Honours in Mathematics
- Bachelor of Science Honours in Nutrition and Dietetics
- Bachelor of Science Honours in Nutrition Science
- Bachelor of Science Honours in Nursing Science
- Master of Science in Fashion Design
- Master of Science in Food Science and Nutrition

B. Department of Education and Humanities

- Bachelor of Arts Honours in English and Communication
- Bachelor of Arts Honours in History
- Bachelor of Arts Honours in Religious Studies
- Bachelor of Arts Special Honours in Literature in English
- Bachelor of Design and Technology Education Honours in Clothing, Textiles and Fashion Design
- Bachelor of Education Honours in Agriculture
- Bachelor of Science Education Honours in Biology
- Bachelor of Education Honours in Business Studies
- Bachelor of Education Honours in Food Science and Nutrition (In-service)
- Bachelor of Education Honours in Food Science and Nutrition (Pre-service)
- Bachelor of Education Honours in English
- Bachelor of Education Honours in Early Childhood Development (In-service)
- Bachelor of Education Honours in Early Childhood Development (Pre-service)
- Bachelor of Science Education Honours in Mathematics
- Bachelor of Science Honours in Peace and Security Studies
- Diploma in Education (Early Childhood Development)
- Postgraduate Diploma in Education
- Master of Education in Educational Leadership and Management
- Master of Education in English

Philosophy:

The Faculty of Education, Humanities, Agriculture, Science and Health Professions (FEHASHP) believes that education, humanities, agriculture, science, and health professions are centered around providing a stimulating environment that fosters physical, mental, emotional and social growth. The aim is to help students reach their highest potential and fulfill God's purpose for their lives. The philosophy is built on four cornerstones:

- Recognizing that all truth is God's truth: Emphasizing the importance of spiritual values in education.

- Fostering whole-person development: Encouraging students to grow intellectually, spiritually and socially.
- Nurturing faith: Providing opportunities for students to deepen their faith and spiritual understanding.
- Educating for eternity: Preparing students for a life of service and purpose that transcends their earthly existence.

Mission Statement

The Faculty strives to provide quality, wholistic, and transformative education based on Adventist Church Philosophy of Education through:

- Offering flexible and innovative programs: Providing courses and programs that are flexible, relevant, innovative and future-oriented.
- Conducting research: Engaging research projects grounded in the Southern African experience and publishing in nationally and internationally recognized publications.
- Fostering partnerships: Building partnerships that promote scientific and social educational development and excellence.
- Upholding values: Upholding the values of diversity and inclusivity.
- Promoting University Culture: Promoting the SU culture through the faculty as a respected and recognized leader in higher education, provincially, nationally and internationally.

Department of Agriculture, Science & Health Professions (ASHP)

Chairperson: Dr. Siphiwe Makamure, DPhil

Full Time Lecturers

- Dr. Lesley Marisa, DPhil
- Dr. Siphiwe Makamure, DPhil
- Letwine Hunyenyiwa, MSc
- Sipho Sibanda, MSc/M. Ed
- Tafadzwa Cheneka, MSc
- Precious Dube, MSc
- Lloyd Makamure, MSc
- Godknows Mujinda, MSc

Adjunct Lecturers

- Silas Mudyiwa
- Nkanyiso Ndlovu
- Blessing Silwangani
- Patience Nemapare
- Hlengiwe Ndlovu
- Mable Nyengera
- Kudakwashe Machokoto
- Dumisa Dlamini
- Meshack Ndlovu
- Constantine N. Mupondo
- Preacher Mashoko
- Nhlanhla Mkwelie
- Molen Mhike
- Linos Ncube
- Anele Matshisela

Adjunct Lecturers - ASHP/Graduate

- Dr. N. Gwisai
- Portia Chaire

- Netsai Muvumi
- Prof . B. Mupeta

Mission Statement

The Department is committed to providing a transformative education that equips students with the knowledge, skills and values necessary to excel in their chosen fields. The department aims to achieve this mission by:

- Student-centeredness: We prioritize the needs and success of our students.
- Excellence: We strive for excellence in teaching, research and service.
- Innovation: We encourage creativity, innovation and entrepreneurship.
- Community: We foster partnerships and collaborations that benefit our students, faculty and the broader community.
- Seventh-day Adventist Values: We uphold the values of the Seventh-day Adventist Church including compassion, integrity and service.

Career Opportunities

A graduate from this department may be employed as:

Agriculture

- Agricultural Extension Officer
- Farm Manager
- Crop Protection Specialist
- Soil Specialist
- Livestock Production Specialist
- Horticulture Specialist
- Agricultural Researcher
- Environmental Conservation Specialist

Science

- Research Specialist
- Laboratory Technician
- Quality Control Specialist
- Environmental Science Specialist
- Data analyst

Health Professions

- Nurse (RN or RGN)
- Midwife
- Public Health Specialist
- Health Educator
- Health Promotion Officer
- Medical Laboratory Technician
- Health Administrator

Interdisciplinary career opportunities

- School Teacher
- Nutritionist
- Dietician
- Project Analyst,
- Consultant
- Lecturer,
- Air Pollution Analyst,
- Disaster Management Specialist,
- Environmental Inspector,
- Groundwater Protection Specialist,

- Community Education Officer,
- International Aide/Development Worker,
- Medical Sales Representative,
- Science Communicator,
- Public Health Advocate,
- Sustainable Development Specialist,
- Climate Change Specialist,
- Global Health Professional,

Program Curricular in the Department

Undergraduate Degrees

Bachelor of Science Honours in Agribusiness, Entrepreneurship and Management

Name of Program	Bachelor of Science Honours in Agribusiness Entrepreneurship and Management
Duration	4 Years
Minimum Credit Load	480
Maximum Credit Load	540
Maximum MBKS Credit Load	384
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry: At least 2 points from any Advanced Level passes in Commercial and/or Science subjects including one of these (Mathematics, Economics, Biology, Agriculture, Chemistry, Physics, Food Science, Geography, Accounts, Management or Business.	✓
Special Entry: A relevant National Certificate, National Diploma or Higher National Diploma from a recognized Institution	✓
Mature Entry: Five 'O' level passes including English and Mathematics plus 25 years of age and 5 years of experience in a relevant field. Interviewed by Faculty Board mandatory prior to admission	✓

Graduation Requirements

	Notional Credits
General Courses	132
Core Courses	384
Total	516

Intended Learning Outcomes

Upon successful completion of the program a graduate will be able to:

- Understand and explain principles and theories of agribusiness management
- Apply knowledge of agribusiness management in the agro-industry
- Use agribusiness management skills to promote novel agribusiness management practices
- Design agribusiness management practices and systems that promote efficient and profitable performance agribusinesses
- Identify and develop solutions to problems in agribusiness management in the agro-industry
- Create and innovate new knowledge and practices in management of agricultural value chains

Program Assessment

Coursework	40% (Assignments, Quizzes, Tests, Practical, Mid Semester Exam, etc.)
Final Examinations	60%
Industrial Attachment	Student's report (50%), assessment by work supervisor (30%), and assessment by Academic supervisor (20%).

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 110 - 420	Convocations	20	0	0
ORIE 110	Orientation	20	0	0
AGWE 110 - 420	Work Education	40	0	0
Health and Physical Education				
HLED 125	Health Education	120	12	3
	Total	**120**	**12**	**3**
Languages and Communication				
HUMA 111	Communication Skills and Academic Writing	120	12	3
INSY 118	Introduction to Technology	120	12	3
	Total	**240**	**24**	**6**
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	**120**	**12**	**3**
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
THEO 424	Church Heritage	40	0	0
	Total	**280**	**24**	**6**
Departmental Courses				
AGFP 411	Farm Practice	240	24	6
AGEX 418	Agricultural Extension and Rural Sociology	120	12	3
AGRI 416	Analysis of Agricultural Projects	120	12	3
	Total	**480**	**48**	**12**
	Grand Total	**1440**	**132**	**33**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
AGFA 110	Introduction to Financial Accounting	120	12	3
AGRI 111	Micro-Economics for Agriculture	120	12	3
AGBM 115	Business Management and Leadership	120	12	3
AGRI 117	Introduction to Statistics	120	12	3

AGRI 126	Introduction to Agricultural Economics	120	12	3
AGRI 121	Macro-Economics for Agriculture	120	12	3
AGMK 125	Principles of Marketing	120	12	3
AGRI 122	Agricultural Law	120	12	3
AGRI 216	Agribusiness Finance	120	12	3
AGRI 213	Applied Agricultural Production Economics	120	12	3
AGRI 215	Human Resources Management I	120	12	3
AGRI 219	Farm Management	120	12	3
AGRI 220	Financial Analysis and Management in Agriculture	120	12	3
AGRI 223	Business Management Information Systems	120	12	3
AGRM 220	Research Methods	120	12	3
AGNR 225	Natural Resources Management II	120	12	3
WRLE 300	Work Related Learning Experience	1200	120	30
AGRI 415	Agricultural Trade Policy and Practice	120	12	3
AGRP 420	Research Project	240	24	6
AGRI 421	Agribusiness Insurance and Risk Management	120	12	3
AGRI 428	Agribusiness and Entrepreneurship	120	12	3
AGRI 420	Agricultural Value Chain Management	120	12	3
	Total	**3840**	**384**	**96**
	Grand Total	**5240**	**516**	**129**

Program Schedules

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
AGFA 110	Introduction to Financial Accounting	120	12	3
AGRI 111	Micro-Economics for Agriculture	120	12	3
AGBM 115	Business Management and Leadership	120	12	3
AGRI 117	Introduction to Statistics	120	12	3
HUMA 111	Communication Skills and Academic Writing	120	12	3
INSY 118	Introduction to Technology	120	12	3
CONV 110	Convocation	20	0	0
ORIE 110	Orientation	20	0	0
AGWE 110	Work Education	40	0	0
	Total	**780**	**72**	**18**

Level I: Semester 2				
AGRI 126	Introduction to Agricultural Economics	120	12	3
AGRI 121	Macro-Economics for Agriculture	120	12	3
AGMK 125	Principles of Marketing	120	12	3
AGRI 122	Agricultural Law	120	12	3
THEO 126	Christian Beliefs	120	12	3
HLED 125	Health Education	120	12	3
CONV 120	Convocation	20	0	0
AGWE 120	Work Education	40	0	0
	Total	**760**	**72**	**18**

Level II: Semester 1				
AGRI 216	Agribusiness Finance	120	12	3
AGRI 213	Applied Agricultural Production Economics	120	12	3
AGRI 215	Human Resources Management I	120	12	3
AGRI 219	Farm Management	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
CONV 210	Convocation	20	0	0
	Total	**620**	**60**	**15**

Level II: Semester 2				
Financial Analysis and Management in Agriculture	120	12	3	3
Business Management Information Systems	120	12	3	3
Research Methods	120	12	3	3
Natural Resources Management II	120	12	3	3
Convocation	20	0	0	3
	Total	**620**	**60**	**15**

Level III				
WRLE 300	Work Related Learning Experience	1200	120	30
	Total	**1200**	**120**	**30**

Level IV: Semester 1				
AGEX 418	Agricultural Extension and Rural Sociology	120	12	3
AGRI 416	Analysis of Agricultural Projects	120	12	3
AGRI 415	Agricultural Trade Policy and Practice	120	12	3
AGRP 420	Research Project	240	24	6
	Total	**600**	**60**	**15**

Level IV: Semester 2				
BIOL 420	Science of Origin	120	12	3
AGRI 421	Agribusiness Insurance and Risk Management	120	12	3
AGRI 428	Agribusiness and Entrepreneurship	120	12	3
AGRI 420	Agricultural Value Chain Management	120	12	3
AGFP 421	Farm Practice	240	24	6
THEO 424	Church Heritage	40	0	0
	Total	**760**	**72**	**18**
	Grand Total	**5270**	**516**	**129**

Module Synopses

HLED 125 Health Education **12 Credits**

This course presents principles of personal and community health: it is designed to promote health as outlined by the Bible and the spirit of prophecy and backed by Evidence Based Medicine. It is designed to identify unhealthy behaviour and be able to correct them. The course also educates and motivates students to adopt a healthier lifestyle and extend more than all technological wonders of modern medicines. The focus is prevention of disease by learning how to take care of oneself, family, community and environment. The major objective of the Aerobic health and fitness course has been to provide knowledge, attitudes and strong motivation and practice instruction in the strong hope that each individual will make exercise a regular life practice.

HUMA 111 Communication Skills And Academic Writing **12 Credits**

This course covers the communication process, models of communication and kind of communication. It emphasizes both oral and written communication which includes speech preparation, interviews and business communication. An introduction to the basic principles of academic research and the research process. It also focuses on different levels of research, types of research methods, techniques of research writing, methods of finding information, basics in analysis and presentation of data, bibliography styles, mechanics and format choices required for organizing scholarly research papers.

BIOL 420 Science Of Origins **12 Credits**

This course considers various studies in the scientific explanation of origins in contrast with explanations derived from divine revelation. Selected critical approaches are examined and evaluated. The course is open to all students and is applicable to the General Education Requirement in natural sciences.

THEO 126 Christian Beliefs **12 Credits**

An introductory course for general students who need a background in religious studies. It focuses on the biblical themes of revelation, the Christian God, salvation, God's law, the covenants, the Sabbath, the sanctuary, the Church, and the Second Advent of Jesus Christ.

THEO 216 Philosophy of Christian Education **12 Credits**

A study of aims, principles, and theory of education with special reference to church related schools. The foundational concepts and principles of philosophical thoughts and schools as they relate to education are represented from historical, political, cultural, and religious viewpoints. The Seventh-day Adventist philosophy of education will be highlighted.

THEO 424 Church Heritage **0 Credit**

This is a course which draws from the mind and experiences of the SDA church pioneers Students learn from the lives of the church's pioneers, seeing their dedication and commitments, their sacrifices to advance the work of God on earth, edifying their own lives and choices as the children of God. Further, it develops the values of active involvement, sacrifices and care for the lost world, understanding their very roots; the foundation of their Christian life worthy of emulation.

INSY 118 Introduction to Technology **12 Credits**

An introduction to the history of computers, physical Structure of computers, software, windows operating system, and practical use of packages i.e. word processing, spreadsheets, presentations the internet and web development, Computer Room Environment. This course is an introductory course that aims to equip students with basic computer concepts and application skills. Topics covered include: computer room environment; history of computers; computer organization and architecture: CPU, input devices, output devices, storage media; software, application software, antivirus; Windows operating system; the Internet; word processing; spreadsheets; presentations

AGFA 110 Introductions to Financial Accounting **12 Credits**

Definition and object of accountancy, users of accounting information, difference between accounting and bookkeeping, types of accountancy, fields of accounting, legal forms of business organization; nature of accounting theory, recording accounting transactions, preparation of financial statements, trial balance errors, accounting for short-term investments and receivables, internal control and accounting for cash, depreciation, accounting for property plant and equipment, accounting for inventories

AGFP 421 Farm Practice **24 Credits**

This course addresses basic farm management skills, such as farm organization and operation techniques. It is designed to equip students with basic knowledge required for the operations and management of livestock and Crop enterprises including Farm Machinery and Welding. It covers practical aspects of relevant classes of livestock towards their improvement in production and health maintenance, use of appropriate restraint and handling facilities, identification, castration, dehorning, and visit to auction sales, preparing animals for shows, showing and judging. It also covers a wide spectrum of farm machinery equipment used in agriculture crops, horticulture, and livestock food or feed handling, storage and processing, tillage equipment and essential components of the internal combustion engine, maintenance and management of farm buildings and understand practical management, accounting and budgeting practices, which can help students, create and maintain a successful enterprises for their farms. The course involves 4 hours of theory and practical per week for two semesters during the first year

AGEX 418 Agricultural Extension and Rural Sociology **12 Credits**

This course is a study of agricultural extension as an educational process facilitated by fact finding needs identification, conducting surveys and utilizing the results in developing extension programs. The principles, impact and influence of sociology and social systems on food production and agriculture development are studied. Sociology and rural sociology, extension education, agricultural extension - Meaning and definitions Importance of rural sociology in agricultural extension and their interrelationship characteristics of Zimbabwean rural society, differences and relationships between rural and urban societies. Social group/s - Classification, formation and organization of groups, role of social groups in agricultural extension Social stratification - Meaning, forms, class system and caste system . Culture, different cultural concepts and their role in agricultural extension social values, social control and attitudes - Types and their role in agricultural extension. Leadership - Meaning, classification of leaders, roles of a leader and different methods in selection of a leader. Training of leaders-Lay and professional leaders, advantages and limitations in using local leaders in agricultural extension. Psychology and educational psychology - Meaning, scope and importance Intelligence - Meaning, types, factors and importance in agricultural extension. Personality - Meaning, types, factors and importance in agricultural extension. Perception, emotions, frustration - Meaning, types, factors and importance in agricultural extension. Motivation - Meaning, types of motives, theories of motivation, importance of motivation in agricultural extension. Teaching, learning, learning experience, learning situation - Meaning and definition, elements of learning situation and its characteristics. Principles of learning and their implications in teaching. Steps in extension teaching. Field trips are done as needed.

AGRI 111 Micro-Economics for Agriculture **12 Credits**

Economic problems, concepts of scarcity, choice and opportunity cost and their influences in the decision-making process of individual consumers and firms in the agriculture sector; Price mechanism (demand, supply and price), elasticity, market equilibrium, and different firm structures (competition, monopoly, oligopoly, monopolistic competition); and Use of microeconomic applications to address problems in current economic policy.

AGRI 416 Analysis of Agricultural Projects **12 Credits**

This course covers the concept of an agricultural development project preparation and financing of project costs and benefits, and other measures of project worth. The use of case studies and simple farm income analysis is also included. The fundamentals of agribusiness including concepts and tools of agribusiness, the structure of agribusiness, goals, strategies, objectives, plans, targets and tactics; the nature of decisions in agribusiness, organization of production, process, storage and distribution of agricultural commodities, equipment and farm supplies. It also includes a study of the basic elements of strategic planning and analytical sequence

AGRI 116 Introductions to Agricultural Economics **12 Credits**

Introduction to financial management in agriculture: Farm management and agricultural finance, farm management information; Analysis and interpretation of farm financial statements; Risk and farm planning. Budgets: partial, break-even, enterprise, total, cash flow and capital budgets. Time value of money. Introduction to production and resource use: the agricultural production function, total physical product curve, marginal physical product curve, average physical product curve, stages of production. Assessing short-term business costs; Economics of short-term decisions. Economics of input substitution: Least-cost use of inputs for a given output, short-term least-cost input use, effects of input price changes. Least-cost input use for a given budget. Economics of product substitution. Product combinations for maximum profit. Economics of crop and animal production.

AGBM 115 Business Management and Leadership **12 Credits**

Introduction to management; the evolution of management theory; the environment of management theory; strategic planning; organizing; leading; controlling; conflict and change management; organizational culture

AGRI I17 Introduction to Statistics **12 Credits**

Introduction to statistics: definition, uses of statistics in research, business, tourism and agriculture; Probability: multiplicative law, addition law, conditional probability, tree diagram, law of total probability; Probability distributions: random variables, discrete, continuous, binomial distribution, normal distribution; Measures of central tendency and dispersion: mean, median, mode, range, variance, standard deviation, standard error of the mean; Sampling technique: simple random, stratified, cluster, systematic; Data types, presentation and summarization techniques; Tables, graphs, charts; Regression and correlation: regression parameters, correlation coefficient, coefficient of determination; Simple statistical inference: hypothesis testing, confidence intervals, t-tests, chi-square tests and one-way ANOVA.

AGRI 121 Macro-Economics for Agriculture **12 Credits**

Introduction to Classical Macroeconomic issues: circular flow of income, national income accounts, income and expenditure, components of GDP, measuring GDP and growth, savings and investment; Fiscal and monetary policy; National budgeting and budget deficits; Global issues: Government debt, global recession and foreign direct investment; Analytical tools to study the impact of different policies: monetary and fiscal policies on the agricultural sector

AGMK 125 Principles of Marketing **12 Credits**

Fundamentals of marketing; the roles/importance of marketing in society; impact of marketing in business; Marketing concepts; strategic planning in marketing; developing the growth strategies; competitive strategies; marketing mix and marketing environment; the marketing mix; the marketing environment; consumer and buyer behaviour; behaviour determinants of demand; market segmentation; target marketing; positioning; products and product life cycles; a product and its qualities; product life cycle; buying process for new products

AGRI 112 Agricultural Law **12 Credits**

Case Studies: Environmental effects of national security; Pesticides; Air pollution; Consumer products; Plastics; Parks and Protected area management; Land use planning; Irrigation water standards; Food safety; and Hazardous site restoration.

AGRI 216 Agribusiness Finance **12 Credits**

Financial Planning: definition, scope, importance, principles, and process; Capital budgeting: definition of capital budgeting, capital budgeting process, methods of capital budgeting, project appraisal and decision making facing multiple projects; Dividend theories: Dividend Irrelevance theory, Bird in hand theory, Tax differential Theory, Relevance of the theories to the farm manager/ owner; Financial markets and instruments: money market instruments, capital market instruments, relevance of financial market instruments to the farm manager; Capital structure: Gearing and the Cost of Capital , Cost of equity and Cost of Debt, Weighted Average cost of capital, The Modiglani and Miller Propositions; Risk and liquidity management: Nature of Risk, Analyzing Risk in Agriculture, Expected returns and risk, ways of managing risk; Liquidity: importance of liquidity to the farmer, Liquidity management Theories, Liquidity management process, managing liquidity risk

AGRI 213 Applied Agricultural Production Economics **12 Credits**

The Law of Diminishing Marginal Returns: fixed versus variable inputs, marginal and average physical product, marginal factor costs; Profit maximization with two inputs, returns and profits on the output side; Maximization subject to budget constraints; Returns to scale; and Law of Variable Proportions; Homogeneous functions, and the elasticity of substitution; Multiple-product and multiple-input optimization; Enterprise budgeting and marginal analysis; and Decision making in an environment of risk and uncertainty

AGRI 215 Human Resources Management I **12 Credits**

Human resource management concepts, principles and practices that include; human resource planning, recruitment and selection, human resource training and development, competency-based performance management, motivation, terms and conditions of employment, health and safety at work, termination of the employment relationship, nature of industrial relations & information technology and human resource performance.

AGRI 219 Farm Management **12 Credits**

Definitions of farm management, farm as a basic unit of production, basic farm management decisions, basic functions of farm management; Data management in farm management: importance of records, characteristics of good recording system, methods, phases and difficulties in keeping records; Firm accounting systems: Definitions of book-keeping and accounting, role of accounting. Fundamental accounting equation, double entry bookkeeping. Source documents, books of original entry, ledger, cash book, trial balance. Financial statements: Balance sheet, income statement, cash flow statement; Farm business analysis: Gross margin analysis; Farm business analysis, Net farm income, returns to land, capital, labour, management and equity; Farm budgeting and enterprise budgeting; Partial budgeting, complete budgeting and cash flow budgeting; Program planning and linear programming.

AGRI 230 Financial Analysis and Management in Agriculture **12 Credits**

Financial standards; Financial analysis; Planning and control; Accounting techniques and guidelines and their use in agribusiness management; Valuation of breeding livestock; Farm enterprise cash flow budget and pro forma income statement; Business planning and financial goal setting; Methods of accounting: assets and liabilities, break-even analysis; Preparing agribusiness financial statements: Profit and loss statements, Balance sheet, Understanding key financial ratios and benchmarks, cash flow budgeting; labour law and taxation

AGRI 415 Agricultural Trade Policy and Practice **12 Credits**

Historical background, agricultural policy in Zimbabwe, acquisition of agricultural companies in Zimbabwe, acquisition of usage rights and ownership of agricultural land in Zimbabwe, regulation of the crop seed industry in Zimbabwe, plant variety rights in Zimbabwe, regulation of genetically modified crops in Zimbabwe

AGRI 420 Agricultural Value Chain Management **12 Credits**

Vertical and lateral coordination issues of chain development; Supplier competence; Forms of governance; Strategies to reduce costs of governance; Power asymmetries and concentration; and Importance of standards.

AGRI 223 Business Management Information Systems **12 Credits**

Introduction to system concepts and information systems: information systems, components of the information system, key system application in the organization, relationship between organization and is; managing information systems: managing the essential technologies, managing systems development, acquiring information systems; decision making: level, types and stages of decision making, models of decision making, data resource management: data resource management processes, importance of dbmss, major types of databases; telecommunications, networks, internet, e-commerce, e-business: trends in the industries, technologies, and business applications, business value of internet, intranet and extranet, components, types and functions of business telecommunications, telecommunications h/w, s/w, media and services, e-business, ecommerce; managing knowledge: knowledge management, artificial intelligence, expert systems; enhancing management decision making: decision support systems, group decision support systems, executive support system; ethics, privacy and information security: ethical challenges of e-business, threats to information security, protecting information resources, disaster recovery planning; managing international information systems: organizing international information systems, managing global systems, technology issues and opportunity.

AGRM 280 Research Methods **12 Credits**

Common flaws in metChairpersonology; Processes of discovery and confirmation; Definitional, conceptual and philosophical aspects of research metChairpersonology; Reason for the research and construction of clear and concise objectives; Scientific approach, variables and setting the research hypothesis; Research design and data collection; Descriptive statistics and inferential statistics; Common statistical tests and data analysis

AGNR 285 Natural Resources Management II **12 Credits**

Ecological concepts and sustainable use of natural resources; Concepts and principles of renewable and non-renewable resources; Management of resources; Degradation of resources; Depletion of resources; Types of natural resources and policies in Natural Resources Management; Appraisal of the relationship between resources, ecology and the environment; Management of heritage resources: land, water, animals and vegetation, traditional food and associated gene banks and products derived from natural resources; Cultural property: Tangible and intangible attributes of society bestowed for social, economic and political advancement; and Identification, preservation and safeguarding of Zimbabwean values (ubuntu/hunhu) and heritage in its diverse forms

WRLE 300 Work Related Learning Experience **120 Credits**

Student Industrial Attachment is a "work-based experience program" providing a real-life organizational context for students to develop specific or generic skills, valuable to their professional development. Students can apply and enhance their skills, contribute to the organization, and, at the same time, obtain invaluable guidance from their mentors. Industrial Attachments are an excellent way to learn more about a career, find out what it is like to work in one's potential career, gain valuable experience to build a resume, get to know employers and make a solid network. Industrial Attachment is coordinated and supervised by the Department; thus, students should plan their program in consultation with their sponsor well ahead of time in order to avoid inconveniences in the course of their academic endeavours. Students are expected to write an industrial attachment report which should be submitted to the department at the end of the attachment period. International students are at liberty to do this in their respective country of origin provided they make prior financial arrangements for Attachment Supervision and Assessment.

AGRI 421 Agribusiness Insurance and Risk Management **12 Credits**

Theory applied to corporate risk management and insurance practices. Identification, measurement, and treatment of an organization's financial risks integrated with its property, liability, workers compensation, and human resource risks. Selection and application of risk control and risk financing tools: risk retention, reduction and transfer, including insurance. Risk theory is applied to practices in health, liability, life, property, and workers compensation insurance. Insurance marketing, pricing, underwriting, and claims administration, with adverse selection and moral hazard effects. Policy issues of tort versus no-fault compensation systems. Self-insurance and integrated risk financing methods

AGRI 418 Agribusiness and Entrepreneurship **12 Credits**

Drucker's seven sources for innovative opportunity. The entrepreneurial process: From idea conception to offering of product/service, business plan, planning for growth, entrepreneur's objectives Guest lecturer/ Entrepreneur Bringing functional foods to market: Enterprise policy and funding and supports for new entrepreneurs Human resource management: Guest lecturer Entrepreneurship exercises: start-up, growth audit Innovation and Entrepreneurship: the definition, role and characteristics of modern entrepreneurs The relationship between entrepreneurship, innovation and new product development Frameworks for innovation: Legal issues: managing technology and intellectual property, patents, trademarks and copyright. Climate for enterprise: Opportunities and challenges Marketing and financial issues: developing a marketing plan, types and sources of finance, estimating financial needs, financial projections. Recruitment and selection practices, training and development practices, building an employee involvement culture, performance management practices.

"If agriculture goes wrong, nothing else will have a chance to go right."
M. S. Swaminathan

Bachelor of Science Honours in Clothing Fashion Design

Name of Program	Bachelor of Science Honours in Clothing Fashion Design
Duration	4 Years
Minimum Credit Load	480
Maximum Credit Load	540
Maximum MBKS Credits	408
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry: Five "O" Levels including English, two A' Level passes or their assessed equivalent	✓
Special Entry: National Certificate (NC), National Diploma (ND) and Higher National Diploma (HND) in Clothing and Textiles, Fashion Designing and other related areas from an accredited and recognized institution.	✓
Mature Entry: 25 years and at least 5 years of experience in a relevant field. Five "O" level subjects, including English Language and a science	✓
Other (indicate)	

Graduation Requirements

	Notional Credits
General Courses	96
Core Courses	408
Total Number of Credits	504

Intended Learning Outcomes

By the end of the program a graduate will be able to:

- Engage heritage-based indigenous knowledge systems and skills in tackling issues to advance commercialization and national development.
- Demonstrate competence in application of ICT skills and use of appropriate technologies in clothing fashion designing and fashion illustration.
- Conduct relevant research in clothing fashion design leading to innovation and industrialization.
- Demonstrate application of professional skills and attitudes relevant for the 21st Century;
- Exhibit high quality work influenced by the social, political, and economic contexts in which fashion styles are viewed.
- Demonstrate critical thinking through analysis, evaluation and synthesis of taught matter in clothing fashion design.
- Engage industry through attachment and research to enhance the clothing and textile industry.

Program Assessment

Coursework	40% (Assignments, Quizzes, Tests, Practical, Mid Semester Exam, etc.)
Final Examination	60%
Industrial Attachment	Student's report (50%), assessment by work supervisor (30%), and assessment by Academic supervisor (20%).

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**

Behavior Development				
CONV 110-420	Convocations	20	0	0
ORIE 110	Orientation	20	0	0
AGWE 110 – 120	Work Education	40	0	0
Health and Physical Education				
HLED 125	Health Education	120	12	3
	Total	**200**	**12**	**3**
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	**120**	**12**	**3**
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
THEO 424	Church Heritage	40	0	0
	Total	**280**	**24**	**6**
Departmental Courses				
CDES 214	Philosophy and Principles of Dress	120	12	3
CDES 111	Clothing and Fashion Design Ethics	120	12	3
CDES 222	Occupational Health and Safety	120	12	3
CDES 223	Statistics for Social Sciences	120	12	3
	Total	**480**	**48**	**12**
	Grand Total	**1040**	**96**	**24**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
CDES 110	History of Fashion	120	12	3
CDES 111	Introduction to Design	120	12	3
CDES 112	Drawing	120	12	3
CDES 113	communication Skills	120	12	3
CDES 120	Materials and Tools in Fashion Design	120	12	3
CDES 125	Computer Aided Design	120	12	3
CDES 123	Figure Drawing and Anatomical Studies Communication Skills	120	12	3
CDES 220	Fashion Illustration in Designing	120	12	3
CDES 215	Pattern Development	120	12	3
CDES 210	Information Communication Technology	120	12	3
CDES 214	African Cultures and Heritage	120	12	3
CDES 220	Social Psychology of Dress and Grooming	120	12	3
CDES 225	Textile Science	120	12	3
CDES 221	Product Development	120	12	3
CDES 226	African Dress and textiles	120	12	3

WRLE 300	Work Related Learning Experience	1200	120	30
CDES 410	Specialization project	120	12	3
CDES 415	Fashion Research Methods	120	12	3
CDES 416	Contemporary Issues in Fashion Design Business	120	12	3
CDES 417	Entrepreneurship	120	12	3
CDES 420	Fashion Research Project	240	24	6
CDES 425	Fashion Exhibition	360	36	9
	Total	**4080**	**408**	**102**
	Grand Total	**5120**	**504**	**126**

Course Schedule

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
CDES 110	History of Fashion	120	12	3
CDES 111	Introduction to Design	120	12	3
CDES 112	Drawing	120	12	3
CDES 113	Communication Skills	120	12	3
CDES 114	Clothing and Fashion Design Ethics	120	12	3
AGWE 110	Work Education	40	0	0
CONV 110	Convocation	20	0	0
	Total	**720**	**72**	**18**

Level I: Semester 2				
CDES 120	Materials and Tools in Fashion Design	120	12	3
CDES 125	Computer Aided Design	120	12	3
CDES 123	Figure Drawing and Anatomical Studies	120	12	3
HLED 125	Health Education	120	12	3
THEO 126	Christian Beliefs	120	12	3
AGWE 120	Work Education	40	0	0
CONV 120	Convocation	20	0	0
	Total	**600**	**60**	**15**

Level II: Semester 1				
CDES 210	Fashion Illustration in Designing	120	12	3
CDES 215	Pattern Development	120	12	3
CDES 217	African Cultures and Heritage	120	12	3
CDES 210	Information Communication Technology	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
CDES 214	Philosophy and Principles of Dress	120	12	3
CONV 210	Convocation	20	0	0
	Total	**720**	**72**	**18**

Level II: Semester 2				
CDES 220	Social Psychology of Dress and Grooming	120	12	3
CDES 225	Textile Science	120	12	3
CDES 221	Product Development	120	12	3
CDES 222	Occupational Health and Safety	120	12	3
CDES 223	Statistics for Social Sciences	120	12	3
CDES 226	African Dress and textiles	120	12	3
CONV 220	Convocation	20	0	0
	Total	**720**	**72**	**18**

Level III				
WRLE 300	Work Related Learning Experience	1200	120	30
	Total	**1200**	**120**	**30**

Level IV: Semester 1				
CDES 410	Specialization Project	120	12	3
CDES 415	Fashion Research Methods	120	12	3
CDES 416	Contemporary Issues in Fashion Design Business	120	12	3
CDES 417	Entrepreneurship	120	12	3
CONV 420	Convocation	20	0	0
	Total	**480**	**48**	**12**

Level IV: Semester 2				
CDES 420	Fashion Research Project	240	24	6
CDES 425	Fashion Exhibition	360	36	9
BIOL 420	Science of Origins	120	12	3
CONV 422	Convocation	20	0	0
THEO 424	Church Heritage	40	0	0
	Total	**780**	**72**	**18**
	Grand Total	**5120**	**504**	**126**

Module Synopses

HLED 125 Health Education **12 Credits**

This course presents principles of personal and community health: it is designed to promote health as outlined by the Bible and the spirit of prophecy and backed by Evidence Based Medicine. It is designed to identify unhealthy behaviour and be able to correct them. The course also educates and motivates students to adopt a healthier lifestyle and extend more than all technological wonders of modern medicines. The focus is prevention of disease by learning how to take care of oneself, family, community and environment. The major objective of the Aerobic health and fitness course has been to provide knowledge, attitudes and strong motivation and practice instruction in the strong hope that each individual will make exercise a regular life practice.

BIOL 420 Science Of Origins **12 Credits**

This course considers various studies in the scientific explanation of origins in contrast with explanations derived from divine revelation. Selected critical approaches are examined and evaluated. The course is open to all students and is applicable to the General Education Requirement in natural sciences.

CDES 114 Clothing and Fashion Design Ethics **12 Credits**

This module will help the students to gain a deeper understanding of current ethical issues in the fashion business from the perspectives of consumers, fashion designers, product developers, and researchers, etc. The students should identify, evaluate, and recommend ethical practices for sustainable and ethical fashion, from fibre to production e.g. responsible manufacturing. This course also provides an introduction to fair trade, the support of endangered crafts, the impact of textiles on the environment, and a summary of some current ethical and sustainable practices from industry. The students will also learn how to evaluate eco-friendly materials and identify endangered crafts and present sustainable ideas through presentations, sketches or inspiration boards

CDES 222 Occupational Health & Safety **12 Credits**

Work has an impact on physical and psychological health. In this course, students will explore the health and safety issues of various types of work. Students will gain an understanding of the current state of occupational safety and health in Zimbabwe and globally including the enforcement of laws regulating occupational safety and health and the roles of workers, unions, and employers. The Historical, economic, and cultural forces contributing to and inhibiting solutions to occupational safety and health problems will be analyzed.

CDES 223 Statistics for Social Sciences **12 Credits**

The course is an introduction to descriptive and inferential statistics used in social sciences. Students acquire the ability to use statistical packages such as SPSS, EPI info and Minitab to analyze and interpret data. The students should be in a position to incorporate such knowledge into the research project through adequate data analysis and presentations.

THEO 126 Christian Beliefs **12 Credits**

An introductory course for general students who need a background in religious studies. It focuses on the biblical themes of revelation, the Christian God, salvation, God's law, the covenants, the Sabbath, the sanctuary, the Church, and the Second Advent of Jesus Christ.

THEO 216 Philosophy of Christian Education **12 Credits**

A study of aims, principles, and theory of education with special reference to church-related schools. The foundational concepts and principles of philosophical thought and schools as they relate to education are represented from Historical, political, cultural and religious viewpoints. The Seventh-day Adventist philosophy of education will be highlighted.

CDES 110 History of Fashion **12 Credits**

This module explores the development of costume, fashion and textiles locally, regionally and internationally. Content covered will encompass the pre-colonial and post-colonial trends. The module will also cover information on influences on the local fashion trends from other cultures such as ancient Egypt, Greece, Rome, Victorian, Byzantine fashion. This module is part of a broad network of eco-preneurship skills, designed to produce goods and services, as part of the economic development of a country.

CDES 111 Introduction to Design **12 Credits**

This module introduces the fundamentals of aspects of the practice of design. The module covers fashion concepts design, considerations for designing, fashion services and resources, sources of inspiration, design process, elements of design, principles of design, presentation of design ideas, Historical perspective of fashion and clothing, figure types and irregularities, fashion silhouettes, clothing styles, fashion accessories, fashion-psychological effects, proportions and poses, figure illustrations using different media, flat drawings, and development of design collections.

CDES 112 Drawing **12 Credits**

Art drawing introduces students to the basic knowledge and proficiency in visual representation as well as elements and principles of design necessary for their development as artists. Focus is on the development of individual drawing styles, techniques and experimentation with different media and surfaces. The design also contributes to fashion innovations and architectural strategies that contribute to the global environment.

CDES 124 Communication Skills **12 Credits**

This module introduces the learner to the fundamentals of communication skills in an academic setting – speaking, listening, reading and writing. These include style and appropriateness, formal and informal styles of writing, organization of writing, paragraphing, developing an argument, referencing and editing.

CDES 113 Figure Drawing and Anatomical Studies **12 Credits**

The module explores the human figure to understand its anatomy and physiology, which is then expressed in the drawings of live human models. Topics to be covered are: functions and purposes of life drawing skills design, the human figure, figure drawing subject(s), anthropometry, history and development of anthropometry, body measurements, proportions, anatomy, describing the human form with line, the portrait, volume, techniques such as chiaroscuro and sfumato.

CDES 120 Materials & Tools in Fashion Design **12 Credits**

The module focuses on materials used in fashion design. The student acquires skills to work with precision and accuracy leading to imaginative ways to deal with materials to create fashion designs. The module covers materials used in fashion design, the use and care of equipment, large and small equipment, industrial sewing machines, choice of materials, properties of fabrics in relation to fashion designing, material exploration, designs and textures of fabrics, and machine faults and remedies.

CDES 123 Computer Aided Design **12 Credits**

This laboratory module provides students an opportunity to integrate the fashion industry's computer aided design tools to develop fashion collections and visual presentations. Emphasis is both on technical and aesthetic mastery of computer applications that are specific to the needs of the fashion industry. The computerized effect contributes to technological advancement and a new knowledge economy.

CDES 217 Information Communication Technology **12 Credits**

The module familiarizes students with the operation of computers and various application programs and equips them to use in different areas of study as used in today's global environment. It presents the following concepts: basic computer concepts, data processing cycles, number system, computer arithmetic, types of computers and computer applications. It also introduces topics such as computer hardware and software, file management, the internet, the social web, green computing, security and computer ethics.

CDES 220 Fashion Illustration in Designing **12 Credits**

This module advances students' fashion dressing and illustration skills through learning advanced design skills using hand rendering and concept boards. It includes hand rendering techniques, concept board production, illustrating finished portfolios for different seasons and occasions, illustrating accessories, painting as medium of 2–Dimensional expression, principles of colour, colour forecasting, psychological and cultural aspects of colour, and scientific knowledge of fabrics and trimmings. Studio work will include drawing sketches using templates and creating fashion design illustrations.

CDES 215 Pattern Development **12 Credits**

This studio module explores pattern-making techniques to come up with different fashion designs. The module covers fashion design techniques, designing for different figures, methods of pattern making e.g. flat pattern and draping methods, pattern sizing and grading, production of different sized patterns, prototype production and analysis, constructing basic blocks for skirts, trousers, sleeves, dresses and jackets, utilizing basic slopes, use of flash and spread and pivot techniques.

CDES 216 African Cultures and Heritage **12 Credits**

This module explores African cultures and heritage with particular reference to Zimbabwe. It defines and contextualizes the African people of Zimbabwe, their cultures, heritage and philosophies of life. The module also aims to sensitize Africans and Zimbabweans in particular to appreciate their cultures as resources for development. The rich and sacred heritage of Africa is of particular interest with a view to cultivate critical consciousness for the nation. The module emphasizes on understanding and appreciating different African cultures and heritage. It carries an agenda that is in sync with decolonization and an African renaissance.

CDES 220 Social Psychology of Dress and Grooming **12 Credits**

The module focuses on how clothing and accessories provide a frame of reference for interpreting more abstract social processes as well as interpersonal relationships. The module covers interdisciplinary and theoretical approaches to dress, scientific, social, psychological and economic forces, the significance of clothing in traditional and contemporary societies, appearance management techniques for the physically challenged, components of grooming and modeling, ethics in clothing, cultural considerations, aspects of skin care, hair care, make-up artistry, personal grooming, product knowledge, make-up application techniques for different occasions, incorporating current fashion trends, nutrition and dietary principles, social etiquette, model training, fitness, and international laws and regulations.

CDES 225 Textile Science **12 Credits**

The module introduces students to the world of textiles and helps them to understand the basic science and structure of the unit matter of a textile product. The module covers the following areas: classification of fibres, properties of fibres, textiles in forensic science and polymer science laboratory techniques used to analyse textile fibres, methods of investigating fibre structure, fibre formation, and polymerization of synthetic fibres, and recent developments in technology and research.

CDES 221 Product Development **12 Credits**

In this module students explore construction techniques and methods used in all apparel through prototypes. They take products from concept to marketplace, researching trim and fabric markets and analyzing trends for developing various fashion items. Module content includes terminology in product development, basic equipment for pattern development, product development processes, application of pattern making techniques, design analysis of fashion sketches, construction techniques and methods, principles of fitting and fitness for individual figures, market research, design, development, advanced pattern development and advanced pattern grading, product testing, specialization of product and quality.

CDES 226 African Dress and Textiles **12 Credits**

This course is aimed at helping students develop an appreciation and understanding of the traditional African textiles and their production processes. The students will explore the various methods of producing and processing African traditional clothing and textile materials such as tying and dyeing, printing and Batik. The students should be able to use the knowledge gained to come up with African traditional clothing and textile designs.

WRLE 300 Work Related Learning Experience **120 Credits**

Financial standards; Financial analysis; Planning and control; Accounting techniques and guidelines and This module enables students to develop the ability to translate theoretical knowledge to real-life experiences by applying practical skills in a proficient manner. The module also equips students with effective time management skills as well as work-related documentation processes, the importance of evidence-based research and the ability to draw together knowledge and skills from different disciplinary areas is inculcated.

CDES 410 Specialization Project **12 Credits**

In this module the student works on an area of specialization chosen from their declared option which should address a knowledge gap in Clothing Fashion Design and should allow the student to show an element of novelty in solving the problem. The module is divided into the following components: Inquiry into Fashion Design, Project Management, Project Document, Specialization Portfolio, and Project Presentation. The workshop/studio exposes the student to the knowledge on what a Clothing Fashion Design project involves, defines the scope and resources required for a project and the project's management processes.

CDES 415 Fashion Research Methods **12 Credits**

The module equips learners with the skills to methodologically tackle the research process. It provides theoretical and practical guidance on how to conduct research in terms of choosing and formulating a topic, reviewing literature, referencing, proposal writing, choosing research designs and sampling, carry out comprehensive and systematic data analysis.

CDES 416 Contemporary Issues in Fashion Design Business **12 Credits**

The module outline would cover topics like sustainable design, ethical production, global supply chain and the impact of technology on the fashion industry. It would also explore how these issues influence design, marketing and business strategies. The course aims to equip students with the knowledge and skills to navigate the complexities of the modern fashion landscape.

CDES 420 Fashion Research Project **24 Credits**

The module equips learners with the skills of carrying out the actual research and writing a research project data collection. The students are given an opportunity to research on a topic of their choice. With the guidance from a member of the academic staff as supervisor, the learners plan and design an independent research project which relates to their overall program of study. Candidates are expected to write a dissertation/Research Project between 9000 to 10000 words (excluding references) in the Times New Roman size 12 and including double-spacing.

CDES 417 Entrepreneurship **12 Credits**

The aim of this module is to develop entrepreneurial acumen in students, to appreciate the importance of entrepreneurship to the individual and in nation building, to analyze and explain how PESTLEG factors affect the entrepreneur, and to design a bankable business plan. Evaluate various options available to the entrepreneur to go global. The emphasis of this module is to define entrepreneurship, entrepreneurship and innovation; understand the nature and importance of entrepreneurship for economic development; identify business opportunities and generate business ideas; develop a bankable business plan; understand the characteristics of a successful entrepreneur; identify the challenges being faced by Zimbabwean entrepreneurs; analyze the nature of business environment and apply different tools and models to minimize the effects of the PESTLEG forces; identify different ways of starting a business; appreciate different supporters of entrepreneurship in Zimbabwe; understand marketing and management in Small to Medium Enterprises; and identify available options to go global.

CDES 425 Fashion Exhibition **36 Credits**

Fashion Exhibition covers the public presentation that showcases or displays a comprehensive grouping of a student's themed fashion designs meant for public consumption. This capstone module explores ways of showcasing a portfolio of comprehensive, creative and individual fashion designs in a public forum comprising colleagues, mentors, representatives of the fashion industry and the general public. The module consists of the following major components: Fashion Exhibition proposal, Fashion exhibition work plan implementation, Progress presentations, Portfolio presentation and the Official opening ceremony. The fashion exhibition, which should run for five consecutive days of the week, sets aside any one of the five days for a well-planned interactive official opening ceremony of the Fashion exhibition. The module's activities shall be concluded by the submission of the student's exhibition portfolio and evaluation report to the department.

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Bachelor of Science Honours in Mathematics

Name of Program	Bachelor of Science Honours in Mathematics
Duration	4 Years
Minimum Credit Load	510
Maximum Credit Load	540
Maximum MBKS Credits	408
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry: At least two Advanced Level passes including Mathematics or its recognized equivalent (Mechanics, Statistics, Pure Mathematics) plus at least five Ordinary Level passes/ National Foundation Certificates including Mathematics and English Language OR National Certificate.	✓
Special Entry: National Diploma and Higher National Diploma	✓
Mature Entry: At least 25 years plus work experience.	✓

Graduation Requirements

	Notional Credits
General Courses	108
Core Courses	408
Total	516

Intended Learning Outcomes

Upon successful completion of the program a graduate will be able to:

1. Understand fundamentals of mathematics
2. Use big data and analytics for informed decision making
3. Apply knowledge and skills of mathematics in various disciplines such as developing models in the medical, agriculture, environment, engineering fields
4. Apply mathematical skills in finance, risk analysis, actuary sciences, weather forecasting and engineering.
5. Communicate effectively both with peers and non-math audiences making use of relevant technology
6. Analyze and synthesize using logical arguments and proven facts.

Program Assessment

Coursework	40% (Assignments, Quizzes, Tests, Practical, Mid Semester Exam, etc.)
Final Examination	60%
Industrial Attachment	Student's report (50%), assessment by work supervisor (30%), and assessment by Academic supervisor (20%).

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 110-420	Convocations	20	0	0
ORIE 110	Orientation	20	0	0
AGWE 110 – 120	Work Education	40	0	0
	Total	**80**	**0**	**0**

Health and Physical Education				
HLED 125	Health Education	120	12	3
	Total	**200**	**12**	**3**
Languages and Communication				
HUMA 111	Communication Skills and Academic Writing	120	12	3
	Total	**120**	**12**	**3**
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	**120**	**12**	**3**
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
THEO 424	Church Heritage	40	0	0
	Total	**280**	**24**	**6**
Departmental Courses				
INSY 212	Object Oriented Programming	120	12	3
MATT 471	Technopreneurship	120	12	3
MATT 437	Mathematics of Finance	120	12	3
	Total	**360**	**36**	**9**
	Grand Total	**1080**	**108**	**27**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
MATT 111	Calculus I	120	12	3
MATT 112	Calculus II	120	12	3
MATT 121	Linear Algebra I	120	12	3
MATT 122	Linear Algebra II	120	12	3
MATT 141	Ordinary Differential Equations	120	12	3
MATT 153	Mathematical Discourse and Structures	120	12	3
MATT 151	Probability Theory 1	120	12	3
MATT 117	Programming	120	12	3
MATT 116	Mathematical Computing	120	12	3
MATT 211	Algebra I	120	12	3
MATT 222	Complex Variables	120	12	3
MATT 242	Fourier Series and Introduction to Partial Differential Equations	120	12	3
MATT 251	Analysis I	120	12	3
MATT 252	Analysis II	120	12	3
MATT 281	Vector Calculus	120	12	3
MATT 287	Numerical Methods	120	12	3
MATT 295	Research Methods In Mathematics	120	12	3
WRLE 300	Work Related Learning Experience	1200	120	30
MATT 421	Real Analysis	120	12	3

MATT 457	Optimization	120	12	3
MATT 485	Partial Differential Equations	120	12	3
MATT 486	Numerical Solutions to Partial Differential Equations	120	12	3
MATT 491	Research Project	360	36	9
	Total	**4080**	**408**	**102**
	Grand Total	**5160**	**516**	**129**

Course Schedule

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
HUMA 111	Communication Skills & College Writing	120	12	3
MATT 110	Calculus 1	120	12	3
MATT 111	Linear Algebra I	120	12	3
MATT 113	Mathematical Discourse and Structures	120	12	3
MATT 116	Mathematical Computing	120	12	3
HLED 115	Health Education	120	12	3
AGWE 110	Work Education	40	0	0
CONV 110	Convocation	0	0	0
	Total	**740**	**72**	**18**

Level I: Semester 2				
MATT 122	Calculus II	120	12	3
MATT 123	Linear Algebra II	120	12	3
MATT 124	Ordinary Differential Equations	120	12	3
MATT 121	Probability Theory 1	120	12	3
MATT 125	Programming	120	12	3
THEO 126	Christian Beliefs	120	12	3
AGWE 120	Work Education	40	0	0
CONV 120	Convocation	0	0	0
	Total	**740**	**72**	**18**

Level II: Semester 1				
MATT 211	Algebra I	120	12	3
MATT 212	Vector Calculus	120	12	3
MATT 213	Analysis I	120	12	3
MATT 214	Complex Variables	120	12	3
INSY 210	Object Oriented Programming	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
CONV 210	Convocation	0	0	0
	Total	**720**	**72**	**18**

Level II: Semester 2				
MATT 287	Numerical Methods	120	12	3
MATT 252	Analysis II	120	12	3
MATT 242	Fourier Series and Introduction to Partial Differential Equations	120	12	3
MATT 295	Research Methods In Mathematics	120	12	3
CONV 212	Convocation	20	0	0
Total	600	60	15	3
	Total	**720**	**72**	**18**

Level III				
WRLE 300	Work Related Learning Experience	1200	120	30
	Total	**1200**	**120**	**30**

Level IV: Semester 1				
MATT 485	Partial Differential Equations	120	12	3
MATT 457	Optimization	120	12	3
MATT 491	Research Project	360	360	9
MATT 471	Technopreneurship	120	12	3
CONV 411	Convocation	0	0	0
	Total	**720**	**72**	**18**

Level IV: Semester 2				
MATT 426	Numerical Solutions to PDE's	120	12	3
MATT 427	Mathematics of Finance	120	12	3
MATT 421	Real Analysis	120	12	3
BIOL 420	Science Of Origins	120	12	3
THEO 424	Church Heritage	40	0	0
CONV 420	Convocation	0	0	0
	Total	**480**	**48**	**12**
	Grand Total	**5160**	**516**	**129**

Module Synopses

HLED 125 Health Education **12 Credits**
This course presents principles of personal and community health: it is designed to promote health as outlined by the Bible and the spirit of prophecy and backed by Evidence Based Medicine. It is designed to identify unhealthy behaviour and be able to correct them. The course also educates and motivates students to adopt a healthier lifestyle and extend more than all technological wonders of modern medicines. The focus is prevention of disease by learning how to take care of oneself, family, community and environment. The major objective of the Aerobic health and fitness course has been to provide knowledge, attitudes and strong motivation and practice instruction in the strong hope that each individual will make exercise a regular life practice.
BIOL 420 Science Of Origins **12 Credits**
This course considers various studies in the scientific explanation of origins in contrast with explanations derived from divine revelation. Selected critical approaches are examined and evaluated. The course is open to all students and is applicable to the General Education Requirement in natural sciences.

BIOL 420 Science Of Origins **12 Credits**

This course considers various studies in the scientific explanation of origins in contrast with explanations derived from divine revelation. Selected critical approaches are examined and evaluated. The course is open to all students and is applicable to the General Education Requirement in natural sciences.

THEO 126 Christian Beliefs **12 Credits**

An introductory course for general students who need a background in religious studies. It focuses on the biblical themes of revelation, the Christian God, salvation, God's law, the covenants, the Sabbath, the sanctuary, the Church, and the Second Advent of Jesus Christ.

THEO 216 Philosophy of Christian Education **12 Credits**

A study of aims, principles, and theory of education with special reference to church related schools. The foundational concepts and principles of philosophical thoughts and schools as they relate to education are represented from historical, political, cultural, and religious viewpoints. The Seventh-day Adventist philosophy of education will be highlighted.

THEO 424 Church Heritage **0 Credit**

This is a course which draws from the mind and experiences of the SDA church pioneers Students learn from the lives of the church's pioneers, seeing their dedication and commitments, their sacrifices to advance the work of God on earth, edifying their own lives and choices as the children of God. Further, it develops the values of active involvement, sacrifices and care for the lost world, understanding their very roots; the foundation of their Christian life worthy of emulation.

HUMA 111 Communication Skills And Academic Writing **12 Credits**

This course covers the communication process, models of communication and kind of communication. It emphasizes both oral and written communication which includes speech preparation, interviews and business communication. An introduction to the basic principles of academic research and the research process. It also focuses on different levels of research, types of research methods, techniques of research writing, methods of finding information, basics in analysis and presentation of data, bibliography styles, mechanics and format choices required for organizing scholarly research papers.

MATT 471 Technopreneurship **12 Credits**

The course introduces students to entrepreneurship, especially for small enterprises. The discussions begin with idea creation, feasibility analysis, business plan, organization, and business development. The aims of this course are to introduce students to entrepreneurship concepts, to exercise students in developing and analyzing ideas, arranging and drafting plan, organize and develop business, and to provide an opportunity for students to exercise the skills in conducting a research in some small businesses.

MATT 437 Mathematics of Finance **12 Credits**

This course provides exposure to financial mathematics as it impacts society. It is designed for students to use mathematics in insurance business and financial institutions. Concepts covered may include progressions, simple interest, simple discount, partial payments, compound interest, ordinary annuities, certain amortization and sinking funds, bonds, annuities due, deferred annuities, perpetuities, annuity certain: general case, probability and the mortality table, life annuities, life insurance.

INSY 240 Object Oriented Programming **12 Credits**

The module aims at providing a solid foundation in Object Oriented Paradigm. Topics covered include: Objects Overview and Review, creating Class Instances within constructors, Object Analysis, creating Fields and Properties, Inheritance and specialized Classes, Base Class and Abstract Classes, Events and Exceptions, providing services using Interfaces and Abstract Classes, Polymorphism, Shared and Static members, Overloading Operators, Overriding, Multithreading.

MATT 111 Calculus I **12 Credits**

Real number system, intervals, inequalities and their solutions, absolute value, functions, Limits and continuity of single variable functions, Differentiation: rules of differentiation, differentiation from first principles, L'Hopital's Rule, Rolle's Theorem, Mean Value Theorem of Differential Calculus. The module also covers: Integration - indefinite and definite integrals, integration techniques; substitution method, integration by parts, tabular integration, trigonometric substitutions, reduction formulae, Mean Value Theorem of Integral Calculus.

MATT 121 Linear Algebra 1 **12 Credits**

Vectors: Basic properties and operations. Real and complex vectors in n dimensions Linear independence, bases for R^n and C^n , the scalar product of two vectors, vector product, geometrical representation of real vectors. Complex numbers: geometric representation, algebra. De Moivre's theorem polynomials and roots of polynomial equations. Matrices and determinants: algebra of matrices, inverses, definition and manipulation of determinants, solutions of simultaneous linear equations, applications to geometry and vectors. Differential equations: separable, homogeneous, exact, integrating factors, linear equation with constant coefficients.

MATT 116 Mathematical Computing **12 Credits**

This will be a practical module dealing with the use of computers in mathematics through the use of software tools. It is designed to complement the understanding of some of the mathematical concepts through practical use. Learning R, Matlab or Mathematical, Latex and/or Lyx. Any other suitable mathematical software will be included.

MATT 153 Mathematical Discourse and Structures **12 Credits**

Logic, set theory, relations, functions, algebraic structures and graph theory. Sets: formulae, propositions, Boolean algebra and its applications. Logic, mathematical reasoning and proof: examples taken from various areas of mathematics. Relations: binary, n-ary, reflexive, symmetric, transitive, equivalence relations and classes, partitions, order relations, inverse relations. Functions: one to one, onto, inverse functions. Operations: binary, n-ary closed associative, distributive. Structures: sets with one or two binary operations: permutations, symmetry groups, modular arithmetic.

MATT 112 Calculus II **12 Credits**

Theorems on differentiation, higher order derivatives and Leizbnitz's formula. The mean value theorems. Rolle's theorem, the mean value theorem, the generalised mean value theorem. Taylor's theorem. Applications to maxima and minima, curve sketching, approximations and Newton's method. Functions of several variables: limits, continuity. Differentiation of functions of several variables, Taylor's theorem. Applications of maxima and minima problems, Lagrange multipliers. Multiple and triple integrals: change of order of integration, transformations. Applications to finding area, volume, arc length, centroid, moments of inertia, etc. Series: tests of convergence, absolute and conditional convergence, series of functions, uniform convergence.

MATT 122 Linear Algebra II **12 Credits**

Vector spaces, linear dependence and independence, bases and dimension. Inner product spaces. Basic definitions with examples, the notion of norm and distance, the CauchySchwarz inequality, the Gram-Schmidt orthogonalisation process, orthonormal basis. Linear transformations. Operations on linear operators, algebra of operators. Eigenvectors, eigenvalues, orthogonality of eigenvectors, geometric and algebraic multiplicity of eigenvalues. Applications of diagonalisation of matrices, quadratic and bilinear forms, Jordan Normal form of a matrix, solutions of systems of differential equations. The Cayley Hamilton Theorem and its applications. Revision of the basic techniques for solutions of first and second order differential equations.

MATT 117 Programming **12 Credits**

This module examines the concepts and structures governing the design and implementation of programming languages. It presents an introduction to the concepts behind compilers and runtime representations of programming languages; features of programming languages supporting abstraction and polymorphism; and the procedural, functional, object-oriented, and concurrent programming paradigms. Programs are required in languages illustrating each of these paradigms.

MATT 141 Ordinary Differential Equations **12 Credits**

Modelling with first order ODEs in population dynamics, and second order ODEs (mass spring systems, RLC circuits). Methods of undetermined coefficients, reduction of order and method of variation of parameters. Existence and uniqueness of solutions, revision of continuous functions and Lipschitz conditions. Series solutions of ODEs, solutions near ordinary and singular points. Systems of linear first order ODEs, solution and stability. Differential equations of special functions. Laplace transforms and inverse laplace transforms applications to solving IVPs, Heaviside and Dirac functions.

MATT 151 Probability Theory 1 **12 Credits**

Counting rules used in Probability: summation notation, product notation, random experiments, and basic principles of counting. Sets and events: operations with sets and subsets, De Morgan's rules, sample spaces and events. Probability: concept of probability, assigning probabilities to events, independent events, conditionally probability, law of total probability, properties of probability measure. Random variables: random variables and probability, discrete and continuous random variables. Special probability distributions: common discrete distributions, common continuous distributions, use of tables. Expectation and moments: expectation, expectation of function of a random variable, mean and variance, properties of mean and variance, Chebyshev's inequality. Generating functions: probability generating function and its properties, moment generating function and its properties, Normal approximation, Laws of large numbers. Joint probability distributions: discrete and continuous random vectors, independence, conditional distributions, covariance and correlation.

MATT 211 Algebra 1 **12 Credits**

Sets and relations, mapping, binary operation including closure of sets. Equivalence relations. Identities, inverse and zero divisors. Group theory (An introduction): Axioms and examples of groups. Subgroups. Homomorphisms and isomorphisms between groups. Automorphisms of a group. Vector Spaces (A more abstract and subspaces over arbitrary fields) Linear dependence and independence. Basic and Dimension. Linear conformation. Rings and Fields: Axioms and examples of rings and fields.

MATT 251 Analysis 1 **12 Credits**

Revision of elementary functions including hyperbolic functions and their inverses. Limits and continuity of functions. Techniques of differentiation. Higher order derivatives. Applications to curve sketching and extreme value problems. Taylor series. L'Hopital's rule. Methods of integration. The fundamental theorem of calculus. Applications of the integral. Complex exponentials. De Moivre's theorem. BEMAorical development of the real number system: Countability, cardinal numbers, existence of transcendental numbers. The real numbers as a complete, ordered field. Supremum axiom, Archimedean property, principle of monotone bounded convergence, nested interval theorem, Bolzano-Weierstrass theorem, and convergence of Cauchy sequences. Limits and continuity of real functions. Boundedness theorem, intermediate value theorem, interval theorem, application to fixed –point theorem, Uniform continuity. Differentiability, Local extrema, Rolle's theorem, mean – value theorem, L'Hospital's rule, Leibnitz's theorem. Taylor's theorem. Applications to finding roots, curve sketching, classification of local extrema, and approximation by polynomials. The Riemann integral, Integrability, properties of the Riemann integral, the mean-value theorem for integrals, the fundamental theorem of calculus.

MATT 281 Vector Calculus **12 Credits**

Brief review of line: surface and volume integrals and applications to work done, flax through surfaces etc. Derivatives of Vector Functions. Directional Derivatives. Gradient of Scalar Fields. Divergence and Curl of Vector Fields. Constrained extremal problems. Line and surface integrals. Green's Theorem, Gauss' Divergence Theorem, Stokes' Theorem and their applications. Orthogonal Curvilinear Coordinates. The Laplacian in polar, cylindrical and spherical coordinates.

MATT 222 Complex Analysis **12 Credits**

Analytic Functions. Cauchy-Riemann Equations. Conformal Mappings. Line integrals. Cauchy's Integral Theorem and Formula. Power series. Taylor series, Laurent series. Zeros and singularities. The Residue Theorem. Evaluation of real integrals.

MATT 287 Numerical Methods **12 Credits**

Introduction to simple numerical methods for solving problems in Mathematics and Science; Computer arithmetic and rounding errors; Numerical methods for root-finding, simple iterative methods and the Newton-Raphson method, convergence. Polynomial interpolation and splines; Solution of linear algebraic equations, scaled partial pivoting; Numerical Integration and differentiation; Numerical integration of ordinary differential equations. Euler and second order; Runge – Kutta methods.

MATT 295 Research Methods in Mathematics **12 Credits**

A major focus of this module is to conduct a survey of current research in and to discuss issues relating to any mathematics discipline. From that base students can develop their own research plan and perform a literature review.

MATT 252 Analysis II **12 Credits**

Calculus of functions of several variables. Euclidean spaces, linear, geometrical and topological structure, sequences, compactness, Bolzano – Weierstrass theorem. Continuity and uniform continuity. Differential of functions Rn x Rm Jacobian of transformation, chain rule, Inverse Function theorem and Implicit Function theorem. Applications to constrained extrema (Lagrange multipliers). Multiple integrals. Line integrals. Integrals depending on parameter and applications, including change of variable and Green's theorem. Improper integrals. Sequences and series of functions. Uniform convergence, power series. Abel's theorem.

MATT 242 Fourier Series and Introduction to Partial Differential Equations **12 Credits**

Partial differential equations of mathematical physics and introduction to their study. Classification of second order partial differential equations in two independent variables. Derivation of the wave, Laplace and Poisson equations, method of separation of variables and Laplace transform techniques. Orthogonal sets of functions in an inner product space. Introduction to Hilbert spaces. Fourier sine and Fourier Cosine series. Discussion of convergence theorem. Integration and differentiation of Fourier series. Application of Fourier series to boundary value problems. Fourier series in two variables. The Fourier transform and its inverse. The convolution theorem. Applications. Bessel functions J(x). The zeros of J(X). Orthogonal sets of Bessel functions. Fourier Bessel series. Applications of the theory to the solution of partial differential equations will be stressed throughout.

MATT 485 Partial Differential Equations **12 Credits**

Second Order PDE's and Method of Separation of Variables derivation of the wave and diffusion equations, solutions of second order equations, initial and boundary conditions, solution of the wave equation, Laplace's equation and the heat flow equation. Parabolic Partial Differential Equations- equation for time-dependent heat flow, explicit method, Crank-Nicolson method, the Theta method, parabolic equations in Two or Three dimensions. Hyperbolic Partial Differential Equations, wave equation. Introduction to solution of PDEs using finite differences and finite elements.

MATT 421 Real Analysis **12 Credits**

Sets. Algebra of sets, Borel sets. Topology of real line. Outer measure on R, its properties. Measurable sets and Lebesgue measure. Properties of Lebesgue measure. The sigma algebra of measurable sets. The sigma algebra of Borel sets. Example of a non-measureable set. Measurable functions, equivalent definitions, properties. Convergence almost everywhere, convergence in measure. Lebesgue integral. Properties. Classes of integral functions. Comparison with Riemann integral. Bounded convergence theorem. Lebesgue theorem. Fatou's lemma. Monotone convergence theorem. Lebesgue convergence theorem. Absolutely continuous functions. Product measures. The Fubini theorem. Completion of product measures. Distribution functions. Integrating on product spaces. Introduction to linear vector spaces. Normed spaces. Spaces, L^∞space. The Holder and Minkowski inequalities. Convergence in LP. Comparison with other kinds of convergence. Measure spaces.

MATT 457 Optimization **12 Credits**

Optimization of one-dimensional function. Conditions for a local minimum, Goldensection search Powell's method, Newton-Raphson method. Multidimensional unconstrained optimizations: direct methods (simplex, Hooke and Jeeves, conjugate directions), gradient methods (steepest descent, modified Newton-Raphson, linear programming). Nonlinear constrained optimization: Method of Lagrange, Kuhn-Tucker conditions, penalty – function techniques. The essence of mathematical programming, the standard linear programming model. Duality.

MATT 491 Research Project **36 Credits**

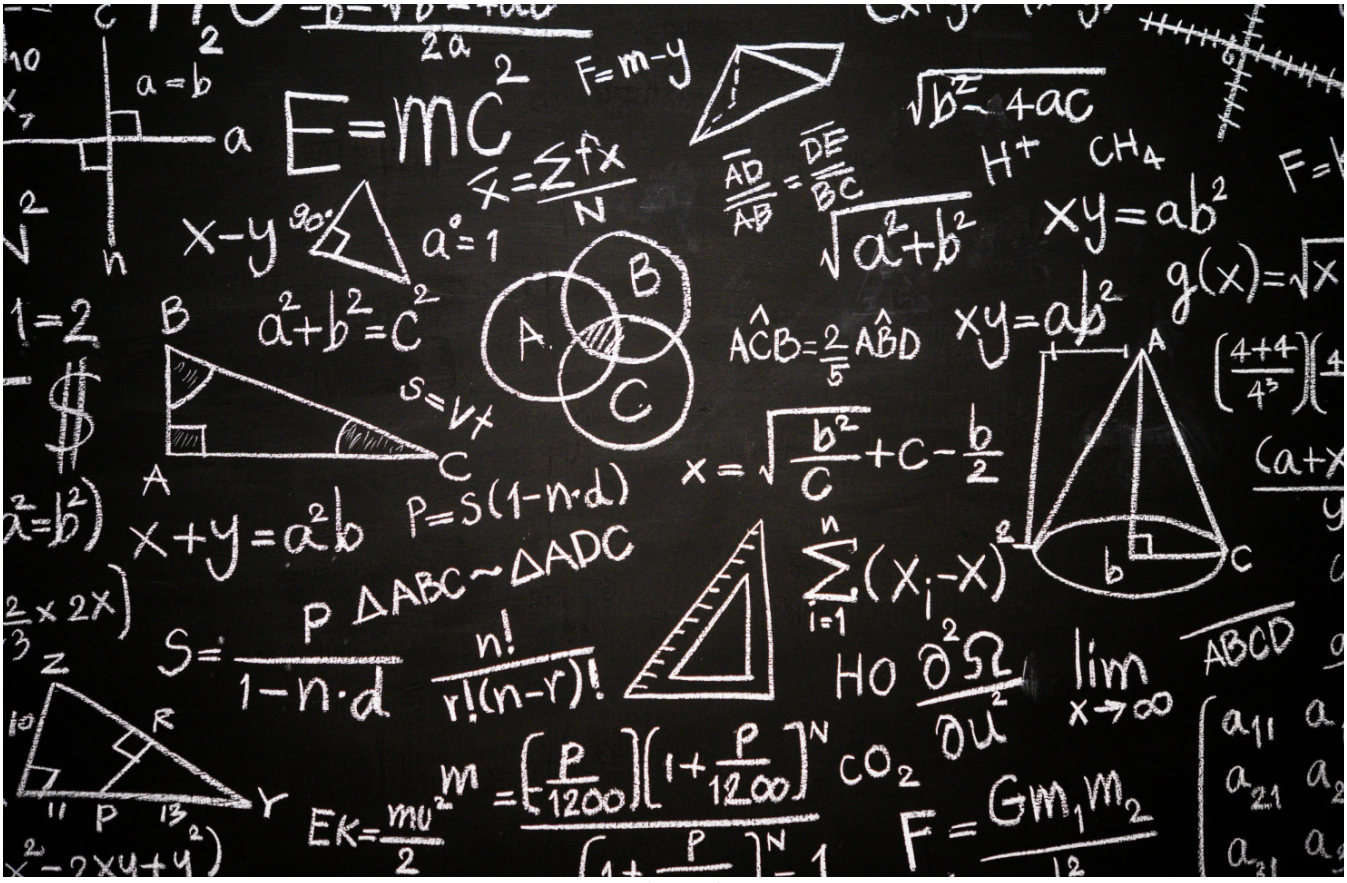
The individual student must be able to demonstrate skills and understanding gained on the program though application to a project of their choice. It generally involves drawing upon work from several courses, highlighting connections and interdependence between the different courses studied. The project offers an opportunity to further develop critical skills in areas of research, time and project management, as well as presentation.

MATT 486 Numerical Solutions of PDEs **12 Credits**

The module is centered on finite difference technique and finite element method (FEM). The methods are relevant to linear PDEs and cover applications in the areas of heat flow, elasticity, acoustics, etc. The lecturer and students are encouraged to solve practical problems using software available. Overview of PDEs, the situations they model. Boundary value problems (BVPs). Grid methods for PDEs. Applications to steady-state heat flow. Parabolic PDEs. Unsteady-state heat flow and diffusion. Convergence, stability and consistency. The explicit and implicit methods. Crank-Nicolson, Sweep and Theta methods. Hyperbolic PDEs. The wave equation. Comparisons of difference and d'Alembert solutions. Propagation of solutions along characteristics. Discretisation. Global and local coordinates and variables. Combining the equations and global stiffness matrix. BCs. Calculus of variations for FEM. Shape functions. Two-dimensional finite elements and heat flow. Flux on the boundary and point heat source. Variational methods for FEM in general case. Euler's equation.

WRLE 300 Work Related Learning Experience **120 Credits**

Student Industrial Attachment is a "work-based experience program" providing a real-life organizational context for students to develop specific or generic skills, valuable to their professional development. Students can apply and enhance their skills, contribute to the organization, and, at the same time, obtain invaluable guidance from their mentors. Industrial Attachments are an excellent way to learn more about a career, find out what it is like to work in one's potential career, gain valuable experience to build a resume, get to know employers and make a solid network. Industrial Attachment is coordinated and supervised by the Department; thus, students should plan their program in consultation with their sponsor well ahead of time in order to avoid inconveniences in the course of their academic endeavours. Students are expected to write an industrial attachment report which should be submitted to the department at the end of the attachment period. International students are at liberty to do this in their respective country of origin provided they make prior financial arrangements for Attachment Supervision and Assessment.



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Bachelor of Science Honours in Nutrition Science

Name of Program	Bachelor of Science Honours in Nutrition Science
Duration	4 Years
Minimum Credit Load	480
Maximum Credit Load	540
Maximum MBKS Credits	384
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry; At least 2 Advanced Science Level passes which include Chemistry, Biology or Food Science. At least 5 passes at Ordinary Level inclusive of Mathematics and English.	✓
Special Entry: NC, ND, HND in relevant fields. Five Ordinary level passes which include Mathematics and English Language	✓
Mature Entry: Twenty-five years of age and a minimum of 2 years of experience in a relevant field. Five Ordinary level passes which include Mathematics and English Language.	✓

Graduation Requirements

	Notional Credits
General Courses	132
Core Courses	384
Total	516

Intended Learning Outcomes

Upon successful completion of the program a graduate will be able to:

1. Understand the relationship of diet to health and to apply this knowledge to the provision of nutritional advice to the public, as well as providing safe, wholesome and nutritious food to consumers.
2. Apply knowledge and understanding of the role of diet and nutrition in the cause and prevention of diseases such as obesity, cardiovascular disease, certain cancers, and others.
3. Present ideas and arguments verbally, logically and professionally in presentations, seminars and informal discussions.
4. Be able to plan, conduct, analyse and report on investigations into an aspect of nutrition in the laboratory and/ or in the field in a responsible, safe and ethical manner.
5. Work independently on individual projects and, ultimately, to manage group projects.
6. Develop time management/organizational skills.
7. Demonstrate the formulation of ideas and opinions in nutrition/dietetics; including the communication and exchange of information concerning food, nutrients, and nutrition effectively; in ways appropriate to the needs of specialist and public target audiences.

Program Assessment

Coursework	40% (Assignments, Quizzes, Tests, Practicals, Mid Semester Exam, etc.)
Final Examination	60%
Industrial Attachment	Student's report (50%), assessment by work supervisor (30%), and assessment by Academic supervisor (20%).

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**

Behavior Development				
CONV 110-420	Convocations	20	0	0
ORIE 110	Orientation	20	0	0
AGWE 110 – 120	Work Education	40	0	0
	Total	**80**	**0**	**0**
Health and Physical Education				
HLED 125	Health Education	120	12	3
	Total	**120**	**12**	**3**
Languages and Communication				
HUMA 111	Communication Skills and Academic Writing	120	12	3
	Total	**120**	**12**	**3**
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	**120**	**12**	**3**
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
THEO 424	Church Heritage	40	0	0
	Total	**280**	**24**	**6**
Computers				
INSY 118	Introduction to Technology	120	12	3
	Total	**120**	**12**	**3**
Departmental Courses				
NDTS 309	Pharmacology Principles	120	12	3
NTTS 210	HIV/AIDS & Nutrition	120	12	3
NDTS 318	Nutrition and Human Metabolism	120	12	3
NDTS 224	Food Toxicology	120	12	3
NTTS 322	Entrepreneurship	120	12	3
NTTS 323	Advanced Nutrition	120	12	3
NTTS 321	Advanced Food Science and Technology	120	12	3
	Total	**600**	**60**	**15**
	Grand Total	**1400**	**132**	**33**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
NTTS 111	Principles of Nutrition	120	12	3
NDTS 113	Principles of Food Science & Food Chemistry	120	12	3
NDTS 115	Human Anatomy	120	12	3
NDTS 117	Human Physiology (Including Cell Biology)	120	12	3
NDTS 119	Intro to Food Services	120	12	3
CHEM 210	Organic Chemistry	120	12	3

NDTS 120	Food Microbiology	120	12	3
CHEM 221	Biochemistry	120	12	3
NDTS 211	Community nutrition, Nutrition Education & Counseling	120	12	3
NDTS 213	Nutritional Assessment & Surveillance	120	12	3
NDTS 215	Research Methods and Statistics	120	12	3
NDTS 217	Medical Nutrition Therapy/Therapeutic Nutrition I	120	12	3
NDTS 229	Nutrition through the life Cycle	120	12	3
WRLE 400	Work Related Learning Experience	1200	120	30
NTTS 311	Professional Practice in Nutrition	120	12	3
NDTS 313	Food Services Management	120	12	3
NDTS 315	Food Production	120	12	3
NDTS 310	Public Health Nutrition	120	12	3
NDTS 317	Nutrition Programming	120	12	3
NDTS 220	Community Nutrition	120	12	3
NDTS 122	Intro to Clinical Nutrition	120	12	3
NDTS 224	Food Toxicology	120	12	3
NDTS 226	Food Services II	120	12	3
NDTS 228	Psychology for Health	120	12	3
NDTS 320	Medical Nutrition Therapy/ Therapeutic Nutrition II	120	12	3
NTTS 325	Dissertation	240	24	6
	Total	**4560**	**456**	**114**
	Grand Total	**5720**	**520**	**130**

Course Schedule

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
ORIE 110	Orientation	40	0	0
CONV 110	Convocation	20	0	0
AGWE 110	Work Education	40	0	0
NTTS 111	Principles of Nutrition	120	12	3
NDTS 113	Principles of Food Science and Food chemistry	120	12	3
NDTS 115	Human Anatomy	120	12	3
NDTS 117	Human physiology (including Cell Biology)	120	12	3
INSY 118	Introduction to Technology	120	12	3
HUMA 111	Communication Skills and Academic Writing	120	12	3
	Total	**820**	**72**	**18**

Level I: Semester 2				
CONV 120	Convocation	20	0	0

AGWE 120	Work Education	40	0	0
CHEM 221	Biochemistry	120	12	3
NDTS 120	Food Microbiology	120	12	3
NDTS 122	Introduction to Food Services	120	12	3
THEO 126	Christian Beliefs	80	8	2
CHEM 120	Organic Chemistry	120	12	3
	Total	**740**	**68**	**17**

Level II: Semester 1				
CONV 210	Convocation	20	0	0
THEO 215	Philosophy of Christian Education	120	12	3
NTTS 210	HIV/AIDS and Nutrition	120	12	3
NTTS 211	Nutrition Education and Counseling	120	12	3
NDTS 213	Nutritional Assessment and Surveillance	120	12	3
NDTS 215	Research Methods and Statistics	120	12	3
NDTS 217	Medical Nutrition Therapy/Therapeutic Nutrition 1	120	12	3
	Total	**740**	**72**	**18**

Level II: Semester 2				
CONV 220	Convocation	20	0	0
NDTS 229	Nutrition through the life cycle	120	12	3
NTTS 223	Food Chemistry	120	12	3
NTTS 220	Community Nutrition	120	12	3
NDTS 228	Psychology for Health	120	12	3
NDTS 224	Food Toxicology	120	12	3
NTTS 222	Population Food systems and Food Security	120	12	3
	Total	**720**	**72**	**18**

Level III: Semester 1				
CONV 310	Convocation	20	0	0
NTTS 311	Professional Practice in Nutrition	120	12	3
NDTS 313	Food Service Management	120	12	3
NDTS 315	Food Production	120	12	3
NDTS 317	Nutrition Programming	120	12	3
NDTS 310	Public Health Nutrition	120	12	3
NDTS 319	Pharmacology Principles	120	12	3
	Total	**740**	**72**	**18**

Level III: Semester 2				
CONV 320	Convocation	20	0	0
NTTS 321	Advanced Food Science and Technology	120	12	3

NTTS 322	Entrepreneurship	120	12	3
NDTS 320	Medical Nutrition Therapy/Therapeutic Nutrition 2	120	12	3
NTTS 323	Advanced Nutrition	120	12	3
BIOL 320	Science of Origins	120	12	3
THEO 324	Church Heritage	40	0	0
NTTS 325	Dissertation	240	24	6
	Total	**860**	**84**	**21**

Level IV				
WRLE 400	Work Related Learning Experience	1200	120	30
	Total	**1200**	**120**	**30**
	Grand Total	**5580**	**536**	**134**

Module Synopses

HLED 125 Health Education **12 Credits**

This course presents principles of personal and community health: it is designed to promote health as outlined by the Bible and the spirit of prophecy and backed by Evidence Based Medicine. It is designed to identify unhealthy behaviour and be able to correct them. The course also educates and motivates students to adopt a healthier lifestyle and extend more than all technological wonders of modern medicines. The focus is prevention of disease by learning how to take care of oneself, family, community and environment. The major objective of the Aerobic health and fitness course has been to provide knowledge, attitudes and strong motivation and practice instruction in the strong hope that each individual will make exercise a regular life practice.

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This course covers the communication process, models of communication and kind of communication. It emphasizes both oral and written communication which includes speech preparation, interviews and business communication. An introduction to the basic principles of academic research and the research process. It also focuses on different levels of research, types of research methods, techniques of research writing, methods of finding information, basics in analysis and presentation of data, bibliography styles, mechanics and format choices required for organizing scholarly research papers.

BIOL 420 Science Of Origins **12 Credits**

This course considers various studies in the scientific explanation of origins in contrast with explanations derived from divine revelation. Selected critical approaches are examined and evaluated. The course is open to all students and is applicable to the General Education Requirement in natural sciences.

THEO 126 Christian Beliefs **12 Credits**

An introductory course for general students who need a background in religious studies. It focuses on the biblical themes of revelation, the Christian God, salvation, God's law, the covenants, the Sabbath, the sanctuary, the Church, and the Second Advent of Jesus Christ.

THEO 216 Philosophy of Christian Education **12 Credits**

A study of aims, principles, and theory of education with special reference to church related schools. The foundational concepts and principles of philosophical thoughts and schools as they relate to education are represented from historical, political, cultural, and religious viewpoints. The Seventh-day Adventist philosophy of education will be highlighted.

NTSC 111 Principles of Nutrition **12 Credits**

The course includes basic terminology, the role of a dietetic technician, the role of a Registered Dietitian, and Nutritionist basic concepts of clinical nutrition, community nutrition and food service management as well as career opportunities. Principles of nutrition including the various essential nutrients in foods and their functions in the human body.

NDTS 113 Principles Of Food Science And Food Chemistry **12 Credits**

Introduction to Food Science is a comprehensive course providing introductory knowledge of food chemistry, food laws, food processing & preservation, food microbiology & fermentation, food safety, food toxicology, and food engineering. Food chemistry is also discussed. Food chemistry includes competency to differentiate chemical interactions and reactions of food components and their effect on sensory, nutritional, and functional properties of foods. Importance and application of macro and micro- nutrients in providing desirable food properties as well how they can lead to food deterioration will be covered. Applications of water, enzymes, pigments, natural flavors and additives are also an integral part of this course/module.

NDTS 115 Human Anatomy **12 Credits**

This course/module focuses on the study of different parts of any organized body to discover anatomical structure. The parts focused on are the skeletal system, joints, muscular system, central and peripheral nervous system. This course/module emphasizes on the special senses, blood, the cardiovascular and lymphatic system, the reproductive system, embryology and the urinary system. It gives the students an understanding of the anatomical structures.

NDTS 117 Human Physiology (Including Cell Biology) **12 Credits**

The structure of the human body at macro and cellular level will be emphasized in this course/module. It integrates, synthesizes and describes the role and function of every part of human anatomy and physiology, to enable students to achieve a working knowledge of human physiology in relation to nutritional sciences. Structure of organic bodies, organization zootomy, phytonym and anthroponomy will be focused on. The course will also focus on the structure of eukaryotic cells, function of different organelles , membrane structures including modification e.g. gap and tight junction , transport across membranes, membrane synthesis , protein synthesis , sorting and delivery the organelles involved in the role of lysosomes in recycling cellular components, functional importance of mitochondrial membranes in respiration, the components of the cytoskeleton, cell motility cell differential unlimited cell growth and cancer cell.

CHEM 210 Organic Chemistry **12 Credits**

This course/module looks at the molecular bonding and structure of organic compounds, organic reaction and their mechanisms as well as projection formulae configurations, aromatic chemistry and aromatic substitution reaction to organic actions under organic practical. This course/module focuses on isolation of selected simple natural products from local plant materials introduction to organic spectroscopy. The module covers formation of c-c bonds, physical properties.

NDTS 119 Introduction To Food Services **12 Credits**

Introduces techniques for safe food handling including microbiology, preventing foodborne illnesses, maintenance of safe facilities and training foodservice employees. Industry Certification.

CHEM 201 Biochemistry **12 Credits**

Pathways of metabolism of carbohydrates, proteins, lipids. Enzyme biosynthesis and regulation. Enzymes as biocatalysts – chemistry, classification, mode of action, specificity, assay techniques, isolation and purification, stabilization, enzyme kinetics. Applications of enzymes. Metabolic regulation, hormones, Release of energy and its trapping. Metabolic rate and caloric needs. chemical reactions of unsaturated hydrocarbons, alkyl halides, alcohols, carbonyl compounds, carboxylic acids and derivatives and single aromatic compounds.

NDTS 120 Food Microbiology **12 Credits**

Students will be introduced to the microbial world and made aware of existing tools to explore it. Starting from a historical perspective, the central role that microbes play in health will be investigated. Aspects of taxonomic relationships, safe laboratory practice and general techniques in culturing, staining and quantification will be covered. The role of microorganisms in the spoilage of food. Food poisoning and food borne diseases. Modification of food through fermentation. Microbial examination of foods. Prevention of microbial contamination and growth of microorganisms in food. Environmental changes on microbial growth. Specifications and standards.

INSY 118 Introduction To Technology **12 Credits**

The course is designed to provide health care and customer service students with a basic knowledge of computer principles, hardware, usage and software including Microsoft Word, Excel and Access.

NDTS 209 Nutrition throughout the Life Cycle **12 Credits**

Course/module will provide an overview of the nutrient needs of individuals for each of the major stages through the life cycle. It examines the recommended dietary intakes (RDAs) for each stage and explores common nutritional problems associated with each life stage.

NDTS 228 Psychology for Health **12 Credits**

This course introduces the student to the biological basis of human behavior and examines the relationship between memory, thinking and language. They examine how biological, psychological, and social factors interact with and affect the efforts people make in promoting good health and preventing illness. The recovery, rehabilitation, and psychosocial adjustment of patients with serious health problems are explained using Behavioristic, Psychoanalytic and Humanistic theories.

NTTS 318 Nutrition And Human Metabolism **12 Credits**

The course is designed for an in-depth analysis of the pathways that integrate the metabolism of carbohydrates, protein and fat. It also investigates the role of nutrition in the development and exacerbation of chronic diseases, and under different exercise states. The course investigates the metabolic, biochemical and physiological processes related to nutrition from the cellular to the whole body.

NTTS 321 Advanced Food Science and Technology **12 Credits**

The course deals with the application of scientific principles and experimental procedures to food preparation including food product development studies. Sensory evaluation and laboratory analysis is part of the course.

NTTS 323 Advanced Nutrition **12 Credits**

The course is designed to facilitate the students in evaluating, comprehending, concluding and applying information on specific nutritional issues. Students will have the knowledge and skills to practice information in general health conditions, everyday situations and communities. An enhanced understanding of the nutrition field will be experienced. Some of the issues discussed include vegetarianism, sports nutrition, etc.

NTTS 220 Community Nutrition **12 Credits**

This course/module examines the assessment of cross-cultural dietary patterns and food habits, knowledge of national nutrition policies and programs including integrated nutrition programs. This course/module also encompasses components such as: knowledge and understanding of food and nutrition security, nutrition promotion, determining economical lifestyle interrelationships that impact on nutritional problems and educational needs throughout the life cycle of a human being.

NTTS 223 Food Chemistry **12 Credits**

The course/module provides competency to differentiate chemical interactions and reactions of food components and their effect on sensory, nutritional, and functional properties of foods. Importance and application of macro and micro-nutrients in providing desirable food properties as well as how they can lead to food deterioration will be covered. Applications of water, enzymes, pigments, natural flavors and additives are also an integral part of this course/module.

NDTS 213 Nutrition Assessment And Surveillance **12 Credits**

This course/module focuses on food and nutrient intake of individuals and populations and environmental and individual factors affecting food intake. Nutritional status of individuals such as anthropometric data collection and interpretation, biochemical parameter interpretation, clinical data collection and interpretation will be emphasized. Aspects of program management such as surveillance and monitoring data collection and interpretation and design of nutritional assessment systems will be dealt on.

NDTS 224 Food Toxicology **12 Credits**

Food toxicology is concerned with assessing the injurious effects on living systems of chemicals present in foods. The chemical agents can be man-made (e.g., pesticide residues, food additives, contaminants originating with processing machinery, or packaging materials) or of natural origin (e.g., microbial, animal or plant toxins). They can also be generated in the course of preparing, processing, and preserving foods (e.g., mutagens and carcinogens). This course wishes to develop an understanding of the chemical and biological principles that determine toxicity and, by presenting typical examples of the toxic substances found in foods, it hopes to let students become familiar with their properties, modes of action, and methods of analysis

NDTS 215 Research Methods and Statistics **12 Credits**

This course/module will encompass research methods, types, formulation of a research question(s), hypothesis, and conceptual framework, how to do literature search and review, data collection, development of data collection instruments, secure permission for research from the internal review board (IB) and protection of human subjects/participants. Statistics- A study on the basic statistics which include computation of the mode, median, mean and standard deviation. Further, computation of the Chi-square, ANOVA, T-test, Correlation, etc. and be able to interpret the results of each statistical test design. Understand validity and reliability in the design of the instrument for research study.

NDTS 217 Medical Nutrition Therapy/Therapeutic Nutrition I **12 Credits**

This course/module will examine pre-requisites of nutrition and metabolism, the application of principles of biochemistry and physiology in the study of nutrient metabolism as altered by disease. The physio- biochemical basis of the diet in the treatment of diseases may include field experiences. Application of the principles of normal and therapeutic nutrition, nutrition assessment, nutrition intervention and evaluation as related to the management and treatment of disease states.

NTTS 222 Population Food Systems And Food Security **12 Credits**

The course will emphasize (1) food production, preparation, processing, distribution and waste management, (2) global and local food systems and factors affecting the supply of food (3) sustainable food practices (4) food markets and marketing of food disaster planning, (5) food consumption patterns and trends.

NTTS 311 Professional Practice Nutrition **12 Credits**

This is an essential part of the preparation for clinical placement. Dietetics/Nutrition professional issues and regulatory structures, the food service system in health care institutions and clinics, management and communication principles, reflective practice and keeping a professional portfolio are discussed in this module.

NDTS 313 Food Service Management **12 Credits**

This course/module focuses on the introduction to the management of commercial and noncommercial food service systems. Students experience managing the procurement production and service of food, as well as the sanitation and maintenance of equipment and facilities. This course/module will examine national, regional, and international food laws, adoption, interpretation and enforcement of laws and regulations governing food preparation and food service systems, impact of regulation on food production availability, marketing and safety.

NDTS 315 Experimental Foods/ Food Production **12 Credits**

This course/module will enable students to understand food production and the strategic features of new product development; develop strategic thinking, planning, and managing abilities throughout the entire new product development process; and understand various techniques in identifying new product opportunities in the food industry.

NDTS 317 Nutrition Programming **12 Credits**

This course/module focuses on needs assessment, goal setting and outcome assessment. Students should develop team management, conflict resolution, human resource management, quality improvements, appraisals and financial methods, management process, project proposal writing and monitoring and evaluation. The module/course will introduce you to project management theory and develop the project management skills that are needed for effective nutrition practice. The course/module will cover components of project planning, including (but not limited to) needs assessment, stakeholder analysis, development of objectives, risk analysis, implementation and evaluation.

NDTS 310 Public Health Nutrition **12 Credits**

Public Health Nutrition is the science and art of preventing disease, prolonging life, and promoting health through the medium of nutrition. The module exposes the student to the multidisciplinary principles and practices that support public health. It also identifies and analyses issues that threaten the overall health of a community and society at large, with a view.

NTTS 322 Entrepreneurship **12 Credits**

The purpose of this course is to introduce students to principles of entrepreneurship and to give them a background on how to start their own businesses. It will explore organizational, strategic, and financial challenges; start-up strategies; business idea evaluation; and business plan writing. The course is designed to instruct students on how to formulate, plan and implement a new venture

NDTS 320 Medical Nutrition Therapy/Therapeutic Nutrition II **12 Credits**

Medical Nutrition Therapy 2 uses the nutrition care process framework introduced in Medical Nutrition Therapy 1 to consider disease states that require dietary modification in individuals. This is the second in a 2-part series of medical nutrition therapy (MNT) courses that prepares students to apply a standardized methodology of nutrition care to progressively complex medical conditions. An evidence analysis methodology will be taught and applied to a project to evaluate the efficacy of a complementary and alternative medicine therapy for a diet-responsive health condition. Topics include nutrition counselling and communication skills, professional ethics, medical terminology, clinical laboratory values, dietary menu planning and analysis in specific situations, evaluating nutritional status, case studies for these diseases, and will examine enteral and parenteral nutrition support for critically ill patients. Students will also develop a basic knowledge related to the principles of fluid and electrolytes balance as well as acid-base balance as they relate to the nutritional care of patients/clients

NDTS 319 Pharmacology Principles **12 Credits**

The course is an introduction to contemporary pharmacology. It covers a brief review of pharmacology history, Drug sources, informational sources, Ethics and Law, Health Care Systems and Medical terminology. The course will relate pharmacology to nutrition and dietetics. Drug classification relevant to nutrition and their modes of action; drug-nutrient interactions; common medication side effects and contraindications relevant to nutrition.

NTTS 210 HIV/AIDS and Nutrition **12 Credits**

This is a course where students learn how HIV affects the immune system. Students will also learn optional treatments for HIV. Students will also gain information regarding beneficial healthy lifestyle diets and an HIV diet that may help boost the immune system and promote strength and quality lifestyle for individuals diagnosed with the virus. Steps for preventing HIV related illnesses and optimistic infections are also covered.

NTTS 211 Nutrition Education and Counseling **12 Credits**

The aim is to provide knowledge about application and integration of the principles of nutrition and their transmission to groups and individuals. The course/module will equip students with the necessary knowledge and skills to deal with various problems within the health system. The students will acquire knowledge on typical counseling techniques and therapeutic processes and theories about the nature of emotions, strategies and techniques.

WRLE 400 Work Related Learning Experience **120 Credits**

Application of theoretical knowledge in a relevant industry under the supervision of both academic and industry supervisors. Internship is at least 8 - 12 months and the student must satisfactorily complete the internship with positive evaluations to pass the course.

NTSC 325 Dissertation **24 Credits**

Students will be expected to carry out a research project, writing a complete and coherent dissertation. Understanding and interpreting results, drawing valid conclusions based on objectives and existing and generated information. The module provides students the opportunity to design, undertake or conduct an independent piece of research study related to the program under the guidance of a supervisor.

"We cannot love the Lord with all our heart, mind, soul, and strength while we are loving our appetites, our tastes, a great deal better than we love the Lord."

Ellen G. White, Counsels on Diet and Foods: A Compilation from the Writings of Ellen G. White

Bachelor of Science Honours in Environmental Health

Name of Program	Bachelor of Science Honours in Environmental Health
Duration	4 Years
Minimum Credit Load	480
Maximum Credit Load	540
Maximum MBK/S Credit Load	390
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry; Five "O" level passes including English and Mathematics or equivalent, and two "A" level passes in any Science subjects such as Biology, Mathematics, Physics, Chemistry, Computer Science, Food and Nutrition and their equivalents	✓
Special Entry: National Certificate (NC), National Diploma (ND), and Higher National Diploma (HND) in the relevant field.	✓

Graduation Requirements

	Notional Credits
General Courses	72
Core Courses	458
Total	530

Intended Learning Outcomes

Upon successful completion of the program a graduate will be able to:

1. Help students to comprehend the influence of creation to environmental care.
2. Demonstrate knowledge and understanding of environmental science concepts and health principles in solving business and environmental health problems.
3. Identify, manage and mitigate environmental change associated with air, water and soil pollution.
4. Provide expert advice to industry, local authorities and communities on waste management, disease prevention and control.
5. Provide professional advice on smart city development through new green initiatives.
6. Initiate environmental entrepreneurship for rural and urban development.
7. Apply occupational health knowledge in the workplace environment.
8. Carry out environmental impact assessment and develop environmental management plans.
9. Collect, analyze data and disseminate knowledge on environmental science and health issues.

Program Assessment

Coursework	40% (Assignments 5%, Tests 15%, Practical 20%) Practical courses Coursework will constitute 25% (tests15%, assignment 10%)
Final Examination	60%
Others (Specify)	a) Research Project is assessed on the basis of a research project (90%), Oral presentation (10%). b) Industrial Attachment is assessed based on Industrial Attachment report (40%), assessment by work supervisor (50%), and assessment by Academic supervisor (10%).

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**

Behavior Development				
CONV 110-420	Convocations	20	0	0
ORIE 110	Orientation	20	0	0
AGWE 110 – 120	Work Education	40	0	0
	Total	**80**	**0**	**0**
Computers & Mathematical Sciences				
INSY 118	Introduction to Technology	120	12	3
	Total	**120**	**12**	**3**
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	**120**	**12**	**3**
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
THEO 424	Church Heritage	40	0	0
	Total	**280**	**24**	**6**
Departmental Courses				
ENVH 425	Environmental Port Health	120	12	3
ENVH 423	Disaster Management and Bioterrorism	120	12	3
	Total	**240**	**24**	**6**
	Grand Total	**800**	**72**	**18**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
ENVH 113	Introduction to Environmental Health	100	10	3
CHEM 113	Fundamentals of Chemistry	100	10	3
ENVH 112	Introduction to Ecology	100	10	3
ENVH 128	Environmental & Health Education	100	10	3
BIOL 162	General Microbiology	100	10	3
ENVH 125	Radiation & Pollution	100	10	3
SOCI 120	Principles of Sociology & Psychology	100	10	3
ENVH 211	Disease Prevention & Control	100	10	3
ENVH 212	Techno-Entrepreneurship	100	10	3
ENVH 222	Occupational Health & Safety	100	10	3
ENVH 214	Water, Sanitation & Hygiene	100	10	3
ENVH 217	Environmental Management Systems	100	10	3
ENVH 212	Applied Statistics for Biological Sciences	100	10	3
ENVH 224	Management of Solid & Hazardous Waste	100	10	3
ENVH 226	Research Methodology	100	10	3

ENVH 228	Food Hygiene	100	10	3
ENVH 232	Principles of Ecotoxicology	100	10	3
WRLE 300	Industrial Attachment	1200	120	30
ENVH 400	Environmental Law & Government Policy	100	10	3
ENVH 402	Geographical Information Systems & remote Sensing	100	10	3
ENVH 427	Urbanization and Health	100	10	3
ENVH 409	Epidemiology	100	10	3
ENVH 407	Wastewater Management	100	10	3
ENVH 424	Meat Hygiene & Technology	100	10	3
ENVH 426	Biotechnology & the Environment	100	10	3
ENVH 407	Research Project	200	20	5
ENVH 428	Environmental Impact Assessment	100	10	3

Course Schedule

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
CONV 110	Convocation	20	0	0
AGWO 110	Work Education	40	0	0
ORIE 110	Orientation	20	0	0
ENVH 113	Introduction to Environmental Health	100	10	3
HUMA 111	Communication Skills and Academic Writing	120	12	3
INSY 118	Introduction to Technology	120	12	3
CHEM 113	Fundamentals of Chemistry	100	10	3
ENVH 112	Introduction to Ecology	100	10	3
	Total	**760**	**70**	**15**

Level I: Semester 2				
CONV	Convocation	20	0	0
AGWE 122	Work Education	40	0	0
ENVH 128	Environmental & Health Education	100	10	3
BIOL 122	General Microbiology	100	10	3
SOCI 120	Principles of Sociology and Psychology	100	10	3
THEO 126	Christian Beliefs	120	12	3
ENVH 125	Radiation & Pollution	100	10	3
MATH 160	College Algebra (if no A Level Maths)	120	12	3
	Total	**760**	**70**	**18**

Level II: Semester 1				
CONV 211	Convocation	20	0	0
ENVH 212	Techno-Entrepreneurship	100	10	3

THEO 215	Philosophy of Christian Education	100	10	3
ENVH 211	Disease Prevention & Control	100	10	3
ENVH 222	Occupational Health & Safety	100	10	3
ENVH 214	Water, Sanitation & Hygiene	100	10	3
ENVH 217	Environmental Management Systems	100	10	3
	Total	**720**	**70**	**18**

Level II: Semester 2				
CONV 222	Convocation	20	0	0
ENVH 222	Applied Statistics for Biological Sciences	100	10	3
ENVH 224	Management of Solid & Hazardous Waste	100	10	3
ENVH 226	Research Methodology	100	10	3
ENVH 228	Food Hygiene	100	10	3
ENVH 232	Principles of Ecotoxicology	100	10	3
	Total	**620**	**60**	**15**

Level III: Semester I & II				
WRLE 300	Work Related Learning Experience	1200	120	30
	Total	**1200**	**120**	**30**

Summer				
ENVH 414	Meat Hygiene & Technology	100	10	3
	Total	**100**	**10**	**3**

Level IV: Semester 1				
CONV 411	Convocation	20	0	0
ENVH 410	Environmental Law & Government Policy	100	10	3
ENVH 412	Geographical Information Systems & remote Sensing	100	10	3
ENVH 419	Epidemiology	100	10	3
ENVH 417	Wastewater Management	100	10	3
ENVH 427	Research Project	200	20	5
	Total	**700**	**68**	**17**

Level IV: Semester 2				
CONV 422	Convocation	20	0	0
BIOL 420	Science of Origins	120	12	3
ENVH 426	Biotechnology & the Environment	100	10	3
ENVH 423	Disaster Management and Bioterrorism	100	10	3
ENVH 428	Environmental Impact Assessment	100	10	3
ENVH 429	Urbanization and Health	100	10	3
THEO 424	Church Heritage	40	0	0

ENVH 425	Environmental Port Health	120	12	3
	Total	**700**	**64**	**18**
	Grand Total Credits	**5480**	**530**	**134**

Module Synopses

HUMA 111 Communication Skills and Academic Writing **12 Credits**

The course covers the communication process, models of communication, and kinds of communication. It emphasizes both oral and written which includes speech preparation, interviews, and business communication. This is an introduction to the basic principles of academic research and the research process. It also focuses on the different levels of research, types of research methods, techniques, methods of finding information, basics in analysis and interpretation of data, bibliography styles, mechanics and format choices required for organizing scholarly papers

BIOL 420 Science of Origins **12 Credits**

This course considers various studies in the scientific explanation of origins in contrast with explanations derived from divine revelation. Selected critical approaches are examined and evaluated. The course is open to all students and is applicable to the General Education Requirement in natural sciences.

THEO 126 Christian Beliefs **8 Credits**

An introductory course for general students who need a background in religious studies. It focuses on the biblical themes of revelation, the Christian God, salvation, God's law, the covenants, the Sabbath, the sanctuary, the Church, and the Second Advent of Jesus Christ.

THEO 216 Philosophy of Christian Education **12 Credits**

Is a study of aims, principles, and theory of education with special reference to church-related schools. The foundational concepts and principles of philosophical thought and schools as they relate to education are represented from Historical, political, cultural and religious viewpoints. The Seventh-day Adventist philosophy of education will be highlighted.

INSY 118 Introduction to Technology **12 Credits**

An introduction to the history of computers, physical Structure of computers, software, windows operating system, and practical use of packages i.e. word processing, spreadsheets, presentations the internet and web development, Computer Room Environment. This course is an introductory course that aims to equip students with basic computer concepts and application skills. Topics covered include: computer room environment; history of computers; computer organization and architecture: CPU, input devices, output devices, storage media; software, application software, antivirus; Windows operating system; the Internet; word processing; spreadsheets; presentations

ENVH 113 Introduction to Environmental Health **10 Credits**

This course explores the relationship between the environment and human health, focusing on how environmental factors such as air and water quality, chemicals, radiation, and climate change affect health outcomes. The course covers key topics including environmental risk assessment, the impact of pollution, environmental justice, and the role of public health in managing environmental health hazards. Students will learn about the methods used to evaluate environmental risks and develop strategies for preventing and controlling environmental health issues at both local and global levels.

ENVH 112 Introduction to Ecology **10 Credits**

Principles of Ecology: Biological organization; Ecosystem concept; Concept of the Biosphere; interrelationships between biotic and abiotic factors. Energy flow: nutrient cycles in ecosystems. Ecology of communities: Terrestrial Biomes and Aquatic Biomes, Plant and Animal succession; Species diversity: Measures of species diversity; Calculations of species diversity. Wildlife biology: Biological potential; Reproduction factors; Mortality; Ageing criteria; Wildlife diseases; Types of carrying capacities; Behavioral interaction, Home range; Territorialism; Dispersal; Niche selection; Guilds; Indicator species, Wildlife conservation.

CHEM 113 Fundamentals of Chemistry **10 Credits**

This module teaches about the periodic table and how each atom combines to form elements on the periodic table. The module provides a foundation of knowledge in inorganic, organic and physical chemistry and there is a strong emphasis on the application of the subject.

BIOL 122 General Microbiology **10 Credits**

This introductory course deals with the study of different prokaryotic organisms, their morphology, anatomy, classifications, ecology, metabolism and control along with a brief survey of human diseases caused by them. Laboratory work would emphasize their identification and growth methods.

SOCI 120 Principles of Sociology and Psychology **10 Credits**

Sociology as a science, social organisation, roles of family, social pathology, juvenile delinquency, sexual abuse, alcoholism, addiction to drugs. Customs and ethnic groups crowd behaviour, group dynamics, individual and collective roles. Psychology: Human relationship in the fulfilment of the environmental (health) officer's duties, the development of personality and leadership, personality types, motives, tension adjustment techniques, basic principles in dealing with people. Principles of industrial psychology. Methods to identify the human and social consequences of man-made alterations in the natural and physical environment. Systematic appraisal of the impacts on the day to day quality of life of persons and communities whose environment is affected by a development or policy change. Squatter and displaced persons.

ENVH 128 Environmental and Health Education **10 Credits**

Defining the concept environment; Environmental problems, crises and emerging responses; From Stockholm to Rio: Stockholm Declaration, Tbilisi Principles, Sustainable development, Rio Declaration and Agenda 21 (particularly Chapter 36); What is environmental education; Environmental and health education theories and processes; Methods of identifying environmental and health issues; Values and benefits; Issues for the educators and facilitators; Communication and delivery tools; Social marketing; Curriculum development in environmental and health education; Evaluation and selected fieldwork (including visiting environmental education and health centres); Environmental Education in the SADC and the Gaborone Declaration, UN Decade on Education for Sustainable Development; Environmental Education in Zimbabwe (particularly the Environmental Education Policy of 2003).

ENVH 126 Radiation and Pollution **10 Credits**

The structure of matter, radioactivity and radiation, sources and types of ionizing radiation, natural and manmade radiation, nuclear energy etc, radiation units, biological effects of radiation, maximum permissible doses, radiation detection and measurement, the external radiation hazard, the internal radiation hazard, radioactive wastes and its disposal, environmental radiation surveillance and monitoring

ENVH 211 Disease Prevention And Control **10 Credits**

Overview of various categories of pests and their medical, veterinary and economic importance. Pesticide categories: Insecticides, herbicides, fungicides, molluscicides, rodenticides. Vector based diseases and vector control. Disease to include those of importance to Africa and in particular Zimbabwe and the region e.g. malaria, trypanosomiasis, schistosomiasis, fascioliasis. Control of non-vector based diseases such as taenia, hookworm, trichuris and strongyloides etc. Pharmacological basis of treatment and intervention programs. Identification of the emergence of pesticide resistance and pesticide resistance patterns. Communicable diseases of importance: cholera, tuberculosis, dysentery, scabies etc. Disease outbreaks and their control measures. Emerging diseases e.g. SARS and bird flu, hemorrhagic fevers, etc. and strategies for their control.

ENVH 214 Water, Sanitation and Hygiene **10 Credits**

Sources of water, water uses, factors affecting water consumption, relative values of water, water as an economic good, water as a social good. Water demand management practices, economic instruments, legal instruments, unaccounted for water, pre-conditions of water demand management. Water treatment systems: characteristics of water, choice of water treatment practices, coagulation and flocculation, sedimentation, filtration, disinfection. Water treatment in rural areas: boiling, filtration. Sanitation systems: onsite sanitation, design and operation, ecological sanitation, septic tanks, ventilated improved pit latrine, aqua privy toilets, conservancy latrines.

ENVH 225 Management of Solid and Hazardous **10 Credits**

Origin, nature, collection, transportation and disposal or storage of solid and hazardous chemicals; resource recovery; waste and health; administrative and legal aspects; trans-frontier transport; enforcement of waste management regulations, Zero waste concept and Selected cases of waste product regulation. Students can visit rubbish dumps and landfill sites within and around Bulawayo and observe the sorting, transportation and other processes related to waste management.

ENVH 222 Occupational Health and Safety **10 Credits**

Introduction to occupational health; Hazardous installations; Emergency exposure limits; Accidents causation and prevention; Stressors: Identification, evaluation and control: Physical (noise, heat, barometric, illumination), chemical, ergonomical, biological, psychological; Risk assessment and management; Emergency preparedness and response; Job safety analysis (HAZOP: Hazard Operability); Confined space management; Fire; Safety communication; Safety audit; Safety legislation; Safety systems (NOSA, OSHA18000); Practical; Threshold limit values; Safety Program management; ILO Conventions; Occupational epidemiology and statistics; Practical and occupational hygiene field work; Occupational hygiene legislation.

STAT 212 Applied Statistics for Biological Science **10 Credits**

Introduction to statistics, descriptive statistics, measures of central tendency, measures of dispersion. Presentation of data. Probability distributions, discrete probability distributions, Binomial, Poisson and Hyper-geometric distribution. Continuous probability distributions, Uniform, Normal and Exponential distributions. Hypothesis testing. Tests concerning means and difference between means. z and t distributions. One sided z and t tests, two sample z and t tests, paired comparisons. Confidence intervals based on z and t statistics for a single mean and the difference between means. Chi-Square test. Chi distribution, contingency tables.

ENVH 226 Research Methodology **10 Credits**

Research Philosophy and paradigms. Scientific Knowledge perspective and acquisition; Positivism, interpretivism, Critical research. Classification of research; Measurement and hypothesis testing; Purpose of doing research; Scientific and other methods of conducting research; types of data: primary and secondary data; the research process: formulating research problems, data collection procedures; data processing and analysis (application of data processing packages and biometrics); report writing; different kinds of research designs such as survey (including questionnaires - type of questionnaires; Factors affecting response); Interviews (Structured and unstructured interviews, face-to-face, telephone, focus groups); observations, including use of photos and video; experimentation and quasi-experimentation; consumption of research results; ethics and validity in research; Writing for academic publishing: type of academic publications, editorial requirements, peer reviewing and analysis of academic articles etc.

ENVH 228 Food Hygiene **10 Credits**

Food Hygiene (sanitary operational procedures, good manufacturing practice); Food Microbiology; Biochemistry; Food Poisoning; Planning of Food Service Premises; Production, contamination, preservation, spoilage and inspection of the different food types; Food Premises Auditing; Food quality and safety assurance, ISO 9000-1; Food Hygiene Management System, SABS 049:1989, SAZ; HACCP in Practice; Nutrition; Food Legislation.

ENVH 411 Environmental Law And Government Policy **10 Credits**

What is law? Where do laws come from? - common law and legislation, enforcing the law – courts, civil and criminal law, punishment and the criminal justice system, administrative law; What is policy?, stakeholders in environmental policy formulation and implementation; complexity and uncertainty in environmental policy; theories of policy formulation, implementation and evaluation; International environmental law (what is international environmental law?; international environmental law and the Zimbabwean Constitution; Zimbabwe's Environmental Management Act of 2002; Selected environmental management laws and policies of Zimbabwe; and Selected multilateral environmental laws and policies (conventions, treaties, agreements and protocols), particularly from the SADC region.

ENVH 412 Geographic Information Systems (Gis) and Remote Sensing **10 Credits**

Spatial concepts: maps; features; scale. Spatial relationships: connectivity; adjacency; proximity; intersection; intersection. Referencing data: coordinate systems; datums; map projection. Principles of GIS: Definition of GIS; history of GIS; Components of GIS; GIS hardware: spatial and attribute data; GIS data models; raster data; vector data. GIS data input: capture/preparation and integration; digitizing; scanning. Satellite Navigation Systems: Global Positioning System (GPS, Galileo); Touring of GIS lab; GIS analysis functions; organizing data for geographical analysis. Principles of Remote Sensing: methods; sensing devices; earth resources satellites; Imagery, Photogrammetry.

ENVH 417 Wastewater Management **10 Credits**

Sources of wastewater: Wastewater characteristics (Industrial, domestic and municipal), wastewater conveyance systems. Methods of treating industrial wastewater: Water-borne systems without connection to sewerage systems: septic tanks, construction of septic tanks, disposal of septic tank effluent. Water - borne sewerage systems: Biological filters, activated sludge systems, biological nutrients removal systems, wetland systems, waste stabilisation ponds. Advanced wastewater treatment: pathogen removal, toxic substance removal. Wastewater reuse: forms of wastewater reuse, barriers to waste-water re-use.

ENVH 423 Environmental Impact Assessment **10 Credits**

Defining EIA, Concepts and terms in EIA; Statutory provisions of EIA within the SADC Region and Zimbabwe; Introduction to the EIA process; Screening; scoping; impact identification; impact assessment (techniques and analysis tools); mitigation measures; the EIA report; draft EIA review; and Selected EIA case studies from the SADC region and Zimbabwe (including programs, projects and policies such as those aimed towards land reforms). Students undertake partial EIAs from selected projects within and around Bulawayo.

ENVH 426 Disaster Management and Bioterrorism **10 Credits**

The course aims to provide students with information and skills about natural and manmade disasters and is organized into three parts including: Part one basic concepts of disaster management classification of both natural and human made disasters, assessment of vulnerability, risks, disaster measurements and both positives and negatives of disasters. Part two includes management of disasters, laws and policies for disaster prevention, forecasting on warning and evacuation. Part three evaluates emergency support services and net working with stakeholders in the management of disasters.

ENVH 424 Meat Hygiene and Technology **10 Credits**

Introduction to Biotechnology, application of Biotechnology to living organisms and industrial processes, food and energy production, modern concepts of gene, enhancer promoter and structural part, gene manipulation techniques for increased agricultural production and improved animal and human health. PGenomic and DNA libraries, Antibodies and hybridoma techniques, microbial ecology, bio- geochemical cycles, agrobacterium /rhizobium plant interactions, bio degradation of bio compounds, engineering microbes for environmental management, environmental implications of biotechnology, release of GMOs into the environment, genetically modified foods, health effects international regulations

ENVH 419 Epidemiology **10 Credits**

Epidemiology of Environmental diseases in human populations: physical and biological agents, pathogenesis, agent host environment interaction and control; communicable diseases of importance; purpose and methods of investigating epidemiology; important variables and attributes; population samples; field work techniques; Endemic and Epidemic Health Problems; Health Indicators, Analysis and presentation of Epidemiological statistics; Risk factor analysis; Basic Biostatistics (terminology and basic concepts, descriptive and inferential statistics, calculation of statistical measures, interpret and evaluate statistics reported in literature), occupational and environmental epidemiology, clinical epidemiology, epidemiology and disease prevention.

WRLE 300: Work Related Learning Experience **120 Credits**

Placement of students into relevant organisations for a period equivalent to two academic semesters. Student are taken through the practical application of theoretical knowledge gained at these workplaces in line with the organization's goals under the guidance and mentorship of the Industrial Attachment Supervisor. An academic supervisor is allocated to the student and two visits are conducted to assess the students' performance.

ENVH 212 Techno-Entrepreneurship **10 Credits**

The course explores the principles of entrepreneurship being applied to create businesses that solve environmental problems or operate sustainably. Students will explore the key traits of an entrepreneur and discuss the entrepreneur's role in society.

ENVH 232 Principles of Ecotoxicology **10 Credits**

This course deals with toxins and their effects. Classification of toxins. Effects of toxins at physiological (organ and cellular) levels. Inhibition of nerve impulses. Endocrine disruption. Genotoxicity. Toxicity testing. Animal, plant and microbial assays

ENVH 419 Epidemiology **10 Credits**

Epidemiology of Environmental diseases in human populations: physical and biological agents, pathogenesis, agent host environment interaction and control; communicable diseases of importance; purpose and methods of investigating epidemiology; important variables and attributes; population samples; field work techniques; Endemic and Epidemic Health Problems; Health Indicators, Analysis and presentation of Epidemiological statistics; Risk factor analysis; Basic Biostatistics (terminology and basic concepts, descriptive and inferential statistics, calculation of statistical measures, interpret and evaluate statistics reported in literature), occupational and environmental epidemiology, clinical epidemiology, epidemiology and disease prevention.

ENVH 414 Meat Hygiene And Technology **10 Credits**

Meat processing; Canning procedure and technology; Meat inspection; Abattoir planning and construction; Abattoir management and practice; Abattoir legislation and administration; Meat legislation; Practicals

ENVH 427 Research Project **20 Credits**

The student shall, under supervision and guidance, carry out an independent investigation into a problem of his/her choice that is relevant to the degree being offered. He/she shall collect, analyse, interpret and write-up a thesis to illustrate the understanding of the environmental issues relating to the problem. The report must demonstrate the relationship between theoretical knowledge and its application to field situations.

ENVH 425 Environmental Port Health **10 Credits**

The Public Health Act and Port Health Regulations; Trans- boundary disease control (International health regulations, infectious disease control, epidemiology, emergency preparedness and response, disinfection); Hazardous Substances (legislation, clearance, handling and storage); Pest and Vermin Control (disinfection and disinfestations, de-ratting and Parasitology); Port waste management systems; information management; Plant protection; Animal health.

ENVH 429 Urbanization and Health **10 Credits**

The course aims to help Environmental Health students in the field of development and housing issues in developing countries and more specifically, Zimbabwe. Topics to be covered: The regional, town and country planning act, urban housing, housing standards and enforcement and health effects of Housing conditions (with special reference to the housing and housing standards act, housing hygiene, topics in building technology, model building by laws.

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Bachelor of Science Honours in Environmental Science

Name of Program	Bachelor of Science Honours in Environmental Science
Duration	4 Years
Minimum Credit Load	480
Maximum Credit Load	540
Maximum MBK/S Credit Load	396
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry: Advanced Level passes in any two of the following subjects or their recognized equivalents: Biology, Chemistry, Mathematics and Geography or a relevant National Certificate from an accredited Institution	✓
Special Entry: National Certificate, National Diploma or Higher National Diploma from an accredited Institution.	✓
Mature Entry: At least 25 years of age, with at least five years relevant working experience.	✓

Graduation Requirements

	Notional Credits
General Courses	96
Core Courses	396
Total	492

Intended Learning Outcomes

Upon successful completion of the program a graduate will be able to:

1. Understand trends, processes, impacts that shape the Earth and its environment.
2. Develop frameworks suitable for designing technological and sustainable environmental interventions for the mitigation of anthropogenic effects on the environment.
3. Communicate effectively, orally and in writing, with audiences of diverse backgrounds.
4. Work effectively with, and within, interdisciplinary and diverse groups to resolve management problems and achieve management objectives.
5. Research and innovate in soil-related agricultural and environmental management practices and promote knowledge transfer.
6. Create business ventures in the agricultural and environment management sectors.

Program Assessment

Coursework	40% (Assignments, Quizzes, Tests, Practicals, Mid Semester Exam, etc.)
Final Examination	60%
Industrial Attachment	Student's report (50%), assessment by work supervisor (30%), and assessment by Academic supervisor (20%).

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 110 - 420	Convocations	20	0	0

ORIE 110	Orientation	20	0	0
AGWE 110 - 420	Work Education	40	0	0
Health and Physical Education				
HLED 125	Health Education	120	12	3
	Total	**120**	**12**	**3**
Languages and Communication				
HUMA 111	Communication Skills and Academic Writing	120	12	3
INSY 118	Introduction to Technology	120	12	3
	Total	**240**	**24**	**6**
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	**120**	**12**	**3**
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
THEO 424	Church Heritage	40	0	0
	Total	**280**	**24**	**6**
Departmental Courses				
ENVZ 405	Environmental Education and Extension	120	12	3
	Total	**120**	**12**	**3**
	TOTAL	**920**	**96**	**24**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
ENVZ 101	Introduction to Environmental Science	120	12	3
ENVZ 102	Environmental Chemistry	120	12	3
ENVZ 103	Introduction to Microbiology	120	12	3
ENVZ 104	Introduction to Soil Science	120	12	3
ENVZ 105	Plant Biology	120	12	3
ENVZ 106	Introduction to Genetics	120	12	3
ENVZ 107	Introduction to Hydrogeology	120	12	3
ENVZ 108	Introduction to Statistics	120	12	3
ENVZ 201	Natural Resource Management	120	12	3
ENVZ 202	Soil Chemistry	120	12	3
ENVZ 203	Soil Biology and Biochemistry	120	12	3
ENVZ 204	Risk and Disaster Management	120	12	3
ENVZ 205	Geographic Information Systems and Remote Sensing	120	12	3
ENVZ 206	Environmental and Social Impact Assessment	120	12	3
ENVZ 207	Environmental monitoring, evaluation, and management	120	12	3

ENVZ 208	Statistical Methods and Experimental Designs	120	12	3
WRLE 300	Work Related Learning Experience	1200	120	30
ENVZ 401	Environmental Law	120	12	3
ENVZ 402	Environmental Biotechnology and Bioremediation	120	12	3
ENVZ 403	Environmental Toxicology	120	12	3
ENVZ 404	Environmental Economics	120	12	3
ENVZ 406	Life Cycle Assessment and ustainability	120	12	3
ENVZ 410	Research Project	240	24	6
ENVH 407	Research Project	200	20	5
ENVH 428	Environmental Impact Assessment	100	10	2.5
	Total	**3960**	**396**	**99**
	Grand Total	**5000**	**492**	**123**

Course Schedule

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
HUMA 111	Communication Skills & Academic Writing	120	12	3
INSY 101	Computer Concepts and Applications	120	12	3
ENVZ 111	Introduction to Environmental Science	120	12	3
ENVZ 113	Introduction to Microbiology	120	12	3
ENVZ 112	Environmental Chemistry	120	12	3
HLED 125	Health Education	120	12	3
AGWE 121	Work Education	40	0	0
CONV 110	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level I: Semester 2				
ENVZ 128	Introduction to Statistics	120	12	3
ENVZ 124	Introduction to Soil Science	120	12	3
ENVZ 125	Plant Biology	120	12	3
ENVZ 126	Introduction to Genetics	120	12	3
ENVZ 127	Introduction to Hydrogeology	120	12	3
THEO 126	Christian Beliefs	120	12	3
AGWE 122	Work Education	40	0	0
CONV 120	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level II: Semester 1				
ENVZ 210	Natural Resource Management	120	12	3

ENVZ 211	Statistical Methods and Experimental Designs	120	12	3
ENVZ 212	Geographic Information Systems and Remote Sensing	120	12	3
ENVZ 214	Risk and Disaster Management	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
CONV 211	Convocation	20	0	0
	Total	**720**	**72**	**18**

Level II: Semester 2				
ENVZ 223	Soil Biology and Biochemistry	120	12	3
ENVZ 226	Environmental and Social Impact Assessment	120	12	3
ENVZ 227	Environmental monitoring, evaluation, and management	120	12	3
ENVZ 222	Soil Chemistry	120	12	3
CONV 220	Convocation	20	0	0
	Total	**600**	**60**	**15**

Level III: Semester I & II				
WRLE 300	Work Related Learning Experience	1200	120	30
	Total	**1200**	**120**	**30**

Level IV: Semester 1				
ENVZ 410	Research project	240	24	6
ENVZ 411	Environmental Law	120	12	3
ENVZ 413	Environmental Toxicology	120	12	3
ENVZ 414	Environmental Economics	120	12	3
CONV 411	Convocation	20	0	0
	Total	**600**	**60**	**15**

Level IV: Semester 2				
THEO 424	Church Heritage	40	0	0
ENVZ 422	Environmental Biotechnology and Bioremediation	120	12	3
ENVZ 425	Environmental Education and Extension	120	12	3
ENVZ 426	Life Cycle Assessment and Sustainability	120	12	3
BIOL 420	Science of Origins	120	12	3
CONV 420	Convocation	20	0	0
	Total	**360**	**36**	**9**
	Grand Total	**5000**	**492**	**123**

Module Synopses

HUMA 111 Communication Skills and Academic Writing **12 Credits**

The course covers the communication process, models of communication, and kinds of communication. It emphasizes both oral and written which includes speech preparation, interviews, and business communication. This is an introduction to the basic principles of academic research and the research process. It also focuses on the different levels of research, types of research methods, techniques, methods of finding information, basics in analysis and interpretation of data, bibliography styles, mechanics and format choices required for organizing scholarly papers

INSY 101 Computer Concepts and Applications **12 Credits**

An introduction to history of computers, physical Structure of computers, software, windows operating system, and practical use of packages i.e. word processing, spreadsheets, presentations the internet and web development, Computer Room Environment. This course is an introductory course that aims to equip students with basic computer concepts and application skills. Topics covered include: computer room environment; history of computers; computer organization and architecture: CPU, input devices, output devices, storage media; software, application software, antivirus; Windows operating system; the Internet; word processing; spreadsheets; presentations

HLED 125 Health Education **12 Credits**

This course presents principles of personal and community health: it is designed to promote health as outlined by the Bible and the spirit of prophecy and backed by Evidence Based Medicine. It is designed to identify unhealthy behaviour and be able to correct them. The course also educates and motivates students to adopt a healthier lifestyle and extend more than all technological wonders of modern medicines. The focus is prevention of disease by learning how to take care of oneself, family, community and environment. The major objective of the Aerobic health and fitness course has been to provide knowledge, attitudes and strong motivation and practice; instruction in the strong hope that each individual will make exercise a regular life practice.

THEO 126 Christian Beliefs **12 Credits**

An introductory course for general students who need background in religious studies. It focuses on the biblical themes of revelation, the Christian God, salvation, God's law, the covenants, the Sabbath, the sanctuary, the Church, and the Second Advent of Jesus Christ.

BIOL 420 Science of Origins **12 Credits**

This course considers various studies in the scientific explanation of origins in contrast with explanations derived from divine revelation. Selected critical approaches are examined and evaluated. The course is open to all students and is applicable to the General Education Requirement in natural sciences.

THEO 216 Philosophy of Christian Education **12 Credits**

A study of aims, principles, and theory of education with special reference to church-related schools. The foundational concepts and principles of philosophical thought and schools as they relate to education are represented from historical, political, cultural and religious viewpoints. The Seventh-day Adventist philosophy of education will be highlighted.

THEO 424 Church Heritage **0 Credit**

This is a course which draws from the mind and experiences of the SDA church pioneers Students learn from the lives of the church's pioneers, seeing their dedication and commitments, their sacrifices to advance the work of God on earth, edifying their own lives and choices as the children of God. Further, it develops the values of active involvement, sacrifices and care for the lost world, understanding their very roots; the foundation of their Christian life worthy of emulation.

ENVZ 111 Introduction to Environmental Science **12 Credits**

Introduction: basic concepts, history, nature and scope of Environmental Science and its contribution to society. Different aspects of environment: physical, ecological, socio-economic, ethical, philosophical. Major components of environment: physico-chemical, biological, and social, and their relationships with various environmental factors. Human environment and its problems: global, national, regional. Environmental challenges for sustainable development: current and future trends in population growth, environmental pollution, development in industry and agriculture, urbanization, poverty, and resource depletion.

ENVZ 112 Environmental Chemistry **12 Credits**

Sampling and analysis of an industrial sample, interpreting the analytical data and accounting for patterns and trends observed; air and water pollution; ozone generation and ozone removal reactions in the atmosphere; concentrations and biogeochemical cycles of that pollutant elements; The Environmental and Health Consequences of Polluted Air—Outdoors and Indoors, greenhouse effect; Chemistry of natural waters, Pollution and Purification of Water; Toxic Heavy Metals; Pesticides; Toxic Organic Compounds of Environmental Concern; Wastes, Soils, and Sediments; development and components of soil; sorptive properties of soils, and the effect of pH on surfaces charges; soil acidification and environmental effects; sediment transport and depositional processes; flocculation, precipitation, coagulation and dispersion; environmental cycling processes between sediment, water and biota at the sediment-water interface; global cycling of the major elements water quality.

ENVZ 113 Introduction to Microbiology **12 Credits**

Characteristics of eukaryotic and prokaryotic cells and a range of micro-organisms viz. Bacteria, Fungi, Viruses, Viroid's and Protozoa; their classification, morphology, nutrition, growth, replication, and metabolism; Micro-organisms as agents of diseases (pathogens), use of micro-organisms in industrial microbiology (cheese, BELE and wine making) and in silage making; Immunology; techniques of isolating and identifying micro-organisms; Microscopy.

ENVZ 114 Introduction to Soil Science **12 Credits**

Soil formation: Parent material characteristics; Influence of factors of soil formation. Physical properties of soils: soil separates and soil textural classes, inter-particle forces, flocculation and dispersion, soil structure. Mineralogy of soils: particle mineralogy and its effects on physical and chemical properties (1:1, 2:1 and 2:2 phyllosilicates, Fe oxides), crystalline and amorphous clay colloids, origin and magnitude of permanent and pH-dependent charge, soil water relations; soil air and temperature; soil organic matter. Soil chemical environment: ion adsorption and exchange, ion exchange capacities, base cations, exchangeable aluminium, hydroxy aluminium. Soil microbiology and biochemistry: Plant mineral nutrition; cycles; movement, and uptake by plants; soil pH; Soil classification, land capability classification; soil management; management of saline and sodic soil.

ENVZ 115 Plant Biology **12 Credits**

The plant cell and organelles; Plant water relations; Photosynthesis – the ecological significance of photosynthesis in primary production of organic molecules, the Light Reaction, The Calvin Cycle, C3/C4 photosynthesis, CAM photosynthesis. Photoperiodism and vernalization. Fruit and seed formation: double fertilization and formation of seed tissues, Seed structure, chemical composition of seed, apomixis. Germination: What is germination? Phases in germination: seed hydration, genetic and metabolic events during germination, role of plant growth regulators in germination. Seed dormancy: Mechanisms of dormancy: Innate, induced and enforced dormancy, Significance of dormancy in attuning cycles of plant growth to seasonal changes in environment. Plant growth and development: meristems, cell expansion, cell differentiation, acid growth theory, tropisms, cell differentiation, apical dominance, bud dormancy; Plant growth regulators – synthesis and transport and physiological effects of auxins, gibberellins, cytokines, abscisic acid and ethylene on plant growth and development; Use of artificial plant growth regulators in Agriculture.

ENVZ 126 Introduction to Genetics **12 Credits**

Cell division: mitosis and meiosis; nucleic acids, replication and protein synthesis. Mendelian principles: segregation and independent assortment. Environmental effects and gene expression. Gene interaction and lethality; sex determination and sex linkage. Gene mutation and induced genetic change (biotechnology). Gene structure and regulation. Population genetics, genetic biodiversity of agriculturally important plants and animals and conservation of genetic resources.

ENVZ 127 Introduction to Hydrogeology **12 Credits**

Earth's energy budget: radiation physics, shortwave and longwave radiation. Earth/Atmosphere system: atmospheric composition and structure; atmospheric moist thermodynamics. Precipitation, evaporation and transpiration, infiltration and exfiltration, snow hydrology, and surface and groundwater runoff. Linear system theory and hydrologic response. Geomorphology. Global and large-scale

ENVZ 128 Introduction to Statistics **12 Credits**

Introduction to statistics: definition, uses of statistics in research, business, tourism, and agriculture; Probability: multiplicative law, addition law, conditional probability, tree diagram, law of total probability; Probability distributions: random variables, discrete, continuous, binomial distribution, normal distribution; Measures of central tendency and dispersion: Mean median, mode, range, variance, standard deviation, standard error of the mean. Sampling technique: simple random, stratified, cluster, systematic; Data types, presentation, and summarization techniques; tables, graphs, charts; Regression and correlation: regression parameters, correlation coefficient, coefficient of determination; Simple statistical inference: hypothesis testing, confidence intervals, t-tests, chi-square tests and one-way ANOVA.

ENVZ 211 Natural Resource Management **12 Credits**

Ecological concepts and sustainable use of natural resources; concepts and principles of renewable and non-renewal resources, management of resources, degradation of resources, depletion of resources, types of natural resources and policies in natural resource management; appraisal of the relationship between resources, ecology and the environment; management of heritage resources such as land, water, animals and vegetation, traditional food and their gene banks and products derived from natural resources; cultural property, thus the tangible and intangible attributes of society, inherited from the past, maintained in the present and bestowed for social, economic and political advancement. Identification, preservation and safeguarding of Zimbabwean values (ubuntu/hunhu) and heritage in its diverse forms.

ENVZ 212 Soil Chemistry **12 Credits**

Inorganic components of soil structures and properties of layer silicates and other accessory materials; Soil organic matter and its role in plant nutrition; Cation exchange and diffuse double layer, anion and molecular retention; Acid and salt affected soil; Irrigation; Water quality and method of reclamation; Soil as plant nutrient medium; Nutrition and plant growth; Macro and micro-nutrients, nutrient cycling; Nutrient diagnostic technique, with emphasis on trees; Mineral fertilizers, manures, and general aspects of fertility management; Environmental impacts of fertilizers and other agrochemicals.

ENVZ 213 Soil Biology and Biochemistry **12 Credits**

Methods for studying soil organisms in the environment; Components of the soil bio data: Occurrence and distribution in the soil environment; Growth and Metabolism of soil organisms; Carbon Cycling and Soil Organic Matter; Dynamics of residue decomposition; Soil biological nitrogen transformations: Nitrogen mineralization and immobilization; Nitrogen transformations: Denitrification and Nitrogen transport in soil; Symbiotic relations: Biological Nitrogen Fixation (BNF) and Mycorrhizal Symbiosis; Biological Phosphorus and Sulphur transformations in soil; Biological transformation of metals in the soil environment; Soil organisms and novel pollution problems.

ENVZ 214 Risk and Disaster Management **12 Credits**

Types of natural, technological and social hazards; causes and effects of extreme natural and technological hazards on organizational responsibilities, shared governance, management approaches; environmental security, directed technologies, and the social factors related to environmental hazard assessment and risk reduction. cultural, institutional and technical capacities for environmental disaster management, global adjustment patterns, and national and international risk reduction and mitigation measures.

ENVZ 215 Geographic Information Systems and Remote Sensing **12 Credits**

Introduction to GIS, Software and Hardware, Applications, Sources of GIS data, Global Positioning Systems, Introduction to Remote Sensing, Imagery and Photography, Acquisition and Platforms; the Electromagnetic Spectrum, Spectral Signatures/Pattern of Objects (water, soil, vegetation), NDVI. Raster and Vector, Data Input, Digitizing, Data Quality, Data Output, Geo-databases, Cartography, Map Projections, Geo-processing, Data Queries, Spatial Analysis, Cartographic Modelling.

ENVZ 410 Environmental law **12 Credits**

Law, policy and ethics are key in understanding how we use and manage our environment. An introduction to the concepts and principles which underpin environmental law from the international to the local level. Constitutional responsibilities and roles relating to the environment; Sustainable development and the law; Environmental planning through environmental impact assessment and land-use law; Environmental protection principles, climate change water resources law; Heritage issues and the protection of biological diversity.

ENVZ 216 Environmental and Social Impact Assessment **12 Credits**

Concepts and issues in environmental management: Objectives of EIAs/EHIAs; terminologies etc. Statutory provisions of EIA in Zimbabwe; Brief on the Environmental and Natural Resources Act, etc. Introduction to the EIA process: Screening; Scoping; Impact identification (forms of impacts, data sources; sources of impacts etc.); Impact assessment (techniques and analysis tools); Migratory measures; EIA report; Draft EIA reviews (assessing the quality of draft Environmental Impact statement etc.); Project implementation; Decommissioning. Case Studies such as EIA of water resources, energy development, mining, paper industry etc.

ENVZ 227 Environmental monitoring, evaluation, and management **12 Credits**

The main objective of the module is to provide students with theoretical and practical knowledge in various chapters of environmental monitoring. Students get a better understanding of the importance and usefulness of environmental monitoring in environmental studies. Students develop analytical skills including defining a problem, selecting appropriate variables, evaluating the data, as well as they can use the appropriate procedures for monitoring various environmental compartments. The course content will include Basics about monitoring (definition, tasks, scheme, types and errors of monitoring); Monitoring of chemical and physical parameters; Monitoring of biological parameters; Monitoring of air (ambient air and precipitation); Monitoring of water (river, lake, sea, underground water); Monitoring of soil; Land treatment monitoring; Emission factors (definition, application, source of errors); Importance of sampling (sampling plan, types of sampling, statistical analysis); Importance of quality assurance of data (limit of detection, limit of quantification, linear range, precision, trueness, recovery, selectivity); Equipment for monitoring and Legislation in the field of monitoring

ENVZ 228 Statistical Methods and Experimental Design **12 Credits**

Data collection: populations and random sampling; Introduction to experimental designs, data analysis and interpretation; statistical methods related to variances; Statistical methods related to comparison of means; Experimental designs and layout (randomized complete block designs, split plots, factorial, Latin squares); Analysis of variance for one factor, two factor experiments and multi-factor experiments; Multiple comparison of means; Partitioning of sum of squares, transformations; Analysis of covariance; Repeated measures analysis; Regression, Correlation Multi-variate regression; Tests for goodness of fit and independence; Data entry, analysis and interpretation using statistical packages (MINITAB, GENSTAT, SAS) for all designs: Regression and Correlation.

ENVZ 300 Industrial Attachment **120 Credits**

Industrial attachment for at least 8 months of the third year is a prerequisite for registration for fourth year modules. The purpose of industrial attachment is to make students relate theory to practice in real work situations, facilitate students to acquire world of work experience and skills, facilitate career choices by students and help students to identify entrepreneurial and business opportunities, among others. Industrial attachment is assessed as two components viz. continuous assessment and industrial attachment report. The continuous assessment component consists of at least two assessment reports by academic staff that visit the students during attachment plus a workplace supervisor's report. The industrial attachment report is a comprehensive and critical analysis of the activities, processes and outputs of the organization to which the student was attached, and the drawing of lessons learnt from the attachment experiences. The student is required to identify a specific problem in systems, processes and/or in the organization to which they are attached, analyse the problem and solutions. Credit will be given to reports that show critical thinking and comprehensive analysis of the problem identified during attachment.

ENVZ 412 Environmental Biotechnology and Bioremediation **12 Credits**

Molecular biotechnology revolution and biological systems: DNA, RNA and protein synthesis, recombinant DNA technology; Chemical synthesis, sequencing, amplification of DNA, manipulation of genes in prokaryotes and eukaryotes; Protein engineering, synthesis of commercial products by recombinant microorganisms; Utilization microbial insecticides, genetic engineering of plants, transgenic animals, human gene therapy; Biotechnology and environmental applications, bio-treatment and bioremediation methods, bioremediation and biomass; Biological processes, activated sludge or biofilm in wastewater treatment, in situ and ex situ bioremediation technologies and strategies; Environmental monitoring: bio-indicators, biomarkers, biosensors, biotechnological processes.

ENVZ 413 Environmental Toxicology **12 Credits**

The course will describe basic toxicological principles and describe how different chemicals are taken up by, processed in and eliminated from the body; Importance of different organs for detoxification/ toxification of chemicals, and describe mechanisms for chemically induced neurotoxicity and endocrine toxicity. Different behaviour tests will be conducted and an assessment on their importance to discover of different neurological and endocrinological disturbances will be explored in this course. Descriptions on when different chemicals are most toxic, and mechanisms behind the effects will be discussed as well as describe different genetic testing methods and injuries after various types of ionising radiation together with application of toxicological frameworks within the professional disciplines and have awareness about different risk assessment criteria.

ENVZ 414 Environmental Economics **12 Credits**

Basic economic principles; Scope, nature and methodology of economics; Economics systems: traditional, planned/command; Liaise Faire enterprise/free market, mixed; Theory of price determination: definition of a market, supply and demand. Relationship between society and economic development, public and private choices, and their impact on the environment. Theories of development economics. The factors of economic growth: land labour, capital and entrepreneurship. Gross National Product; Economic growth and the environment; Paying for privilege to pollute; Measurement of cost benefit analysis (CBA). Comparison of cost benefit analysis and Environmental impact Assessment (EIA) as tools for appraisal. Linkage between economic planning, development, environmental management and legislature. Risks, uncertainties, and impact on resource use.

ENVZ 415 Environmental Education and Extension **12 Credits**

Overview of extension: What is extension? historical evolution of extension and the birth of modern extension services; Context of natural resources extension: operational environment, institutional context; Agricultural knowledge system components: technology generation, technology transfer, technology utilization and policy; Case studies of agricultural knowledge systems; Approaches to extension: General clientele approaches- Ministry Based Extension, Training and Visit, Integrated Rural Development (IRD) approaches, Farmer Field School Approach, Animation Rural, Commodity Based Extension, Extension as a Commercial Service, Client Based and Client Controlled Extension; Adoption theory (Lionberger, 1968): awareness, interest, evaluation, trial, adoption; Developing and delivering extension programs: extension program planning, centralized (blue print) planning, participatory planning, combination of centralized and participatory planning: Needs assessment; Participatory Rural Appraisal; Monitoring and evaluation of extension programs; Strengthening farmer organizations; Management and structure of extension organizations.

ENVZ 426 Life Cycle Assessment and Sustainability **12 Credits**

This course is aimed at introducing basic concepts; Analytical frameworks and quantitative techniques for systematically and holistically evaluating the environmental trade-offs presented by different alternatives to enable more informed decision-making. Methodology of Lifecycle Analysis or Lifecycle Assessment (LCA), a well-established technique to compute the various material inputs and environmental releases from all activities associated with the lifecycle i.e. raw material extraction, processing, end use, and disposal, of a product or service, approaches to LCA - their advantages and disadvantage; Strengths and limitations of LCA as a tool for decision-making compared to alternative approaches such as cost-benefit analysis and cost-effectiveness analysis.

ENVZ 420 Research Project **24 Credits**

The rationale behind offering this module is to prepare students in areas of proposal writing, conducting of research, data interpretation and publication. The primary objective of this module is to give students an opportunity to engage in an independent study, with limited supervision and guidance. This will be achieved through a program designed to expose students to the following: research proposal writing, data collection and organization, data analyses and statistical competence, data interpretation and presentation, quality scientific writing, verbal presentation of research proposals.

Bachelor of Science Honours in Nursing Science

Name of Program	Bachelor of Science Honours in Nursing Science
Duration	3 Years
Minimum Credit Load	480
Maximum Credit Load	525
Maximum MBK/S Credit Load	480
ZNQF Level	8

Entry Requirements	**TICK**
Special Entry: National Diploma in General Nursing and minimum 2 years work experience. (Prior knowledge and clinical skills shall be acknowledged and credited 120 Credits) Five Ordinary Level passes including English Language, Mathematics, and one Science subject	✓

Graduation Requirements

	Notional Credits
General Courses	72
Core Courses	476
Total	548

Intended Learning Outcomes

Upon successful completion of the program a graduate will be able to:

- In-depth knowledge, understanding and utilization of concepts learnt from anatomy, physiology, biochemistry, biophysics, psychology and sociology, pharmacology and microbiology in the holistic, quality and culturally appropriate management of nursing care needs of individuals, families and communities.
- Conducting, critiquing and utilizing nursing research to improve the quality of nursing care and develop new techniques guided by relevant nursing theories and frameworks to inform contemporary nursing practice.
- Establish ethical inter-professional relationships to teach and facilitate learning for peers, patients, families and communities characterized by integrity, veracity, understanding, trust, respect, empathy and maintenance of confidentiality.
- Competent practice of nursing guided by professional and ethical code of conduct, the nursing process and nursing models to promote the health of communities and participate effectively in appropriate use of available health resources.
- Demonstrate a critical awareness of knowledge, skills and behaviors commensurate with an effective nurse leader and educator.
- Engage in reflexive nursing practice contributing to personal and professional development.
- Ability to embrace and develop new nursing technology.
- Design innovative and entrepreneurship strategies to advance the nursing industry (profession) in provision of goods and services through development of nursing management protocols and opening of nursing management centers to serve communities

Program Assessment

Coursework	40% (Assignments, Quizzes, Tests, Practicals, Mid Semester Exam, etc.)
Final Examination	60%
Industrial Attachment	Student's report (50%), assessment by work supervisor (30%), and assessment by Academic supervisor (20%).

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 110 - 420	Convocations	20	0	0
ORIE 110	Orientation	20	0	0
AGWE 110 - 420	Work Education	40	0	0
Health and Physical Education				
HLED 125	Health Education	120	12	3
	Total	**120**	**12**	**3**
Languages and Communication				
HUMA 111	Communication Skills and Academic Writing	120	12	3
	Total	**120**	**12**	**3**
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	**120**	**12**	**3**
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
THEO 424	Church Heritage	40	0	0
	Total	**280**	**24**	**6**
	TOTAL	**720**	**72**	**18**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
CHEM 115	Applied Biochemistry (including Nutrition)	75	7.5	1.9
PHYS 112	Applied Biophysics	75	7.5	1.9
BIOL 114	Applied Anatomy	150	15	3.8
BIOL 115	Applied Physiology	150	15	3.8
PSYC 112	Psychology for Health Sciences	75	7.5	1.9
SOCI 112	Sociology for Health Sciences	75	7.5	1.9
NURS 109	Communication & Computer Skills	150	15	3.8
NURS 106	Nursing Foundations (including Professionalism & Nursing Ethics)	75	7.5	1.9
NURS 311	Fundamentals of Nursing/Clinical Practice in Nursing)	1125	112.5	28
BIOL 207	Applied Microbiology & Parasitology	75	7.5	1.9
NURS 125	Medical-Surgical Nursing (including Gerontology & Palliative Care)	450	45	11.25
NURS 201	Applied Pharmacology	75	7.5	1.9
NURS 202	Health Assessment	150	15	3.8

NURS 203	Paediatric Nursing	300	30	7.5
NURS 204	Nursing Research (including Statistics & Epidemiology)	75	7.5	1.9
NURS 226	Maternal Child Health & Midwifery (including Sexual Reproductive Health)	450	45	11.25
NURS 235	Mental Health/Psychiatric Nursing	300	30	7.5
NURS 422	Community Health Nursing (including Occupational Health)	300	30	7.5
NURS 423	Nursing Education	150	15	3.8
NURS 425	Nursing Administration/Management/Leadership	300	30	7.5
NURS 426	Nursing Research Project	225	22.5	5.6
	Total	**4760**	**476**	**119**
	Total Credits	**5480**	**548**	**137**

Course Schedule

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
CONV 111	Convocation	20	0	0
ORIE 111	Orientation	20	0	0
CHEM 115	Applied Biochemistry (Including Nutrition)	75	7.5	1.9
PSYC 112	Psychology for Health Sciences	75	7.5	1.9
BIOL 114	Applied Anatomy	150	15	3.8
BIOL 115	Applied Physiology	150	15	3.8
PHYS 112	Applied Biophysics	75	7.5	1.9
	Total	**672**	**63.2**	**15.8**

Level I: Semester 2				
CONV	Convocation	20	0	0
AGWE 122	Work Education	40	0	0
NURS 126	Nursing Foundations (including Professionalism and Nursing Ethics)	75	7.5	1.9
SOCI 122	Sociology for Health Sciences.	75	7.5	1.9
NURS 129	Communication Skills (Including Computer Skills)	150	15	3.8
NURS 125	Medical Surgical Nursing (Including Gerontology and Palliative Care)	450	45	11.25
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
	Total	**922**	**86.2**	**24.55**

Level II: Semester 1

CONV 211	Convocation	20	0	0
BIOL 217	Applied Microbiology and Parasitology	75	7.5	1.9
NURS 214	Nursing Research (Including Statistics and Epidemiology	75	7.5	1.9
NURS 2112	Health Assessment	150	15	3.8
NURS 203	Paediatric Nursing	300	30	7.5
NURS 201	Applied Pharmacology	75	7.5	1.9
	Total	**664**	**66.4**	**16.6**

Level II: Semester 2				
CONV 222	Convocation	20	0	0
NURS 226	Maternal Child Health & Midwifery (Including Sexual Reproductive Health)	450	45	11.25
NURS 225	Mental Health and Psychiatric Nursing	300	30	7.5
	Total	**750**	**75**	**18.75**

Level III: Semester I				
NURS 311	Fundamentals of Nursing/Clinical Practice in Nursing)	1125	112.5	28
	Total	**1125**	**112.5**	**28**

Level III: Semester 1I				
CONV 422	Convocation	20	0	0
NURS 422	Community Health Nursing (Including Occupational Health)	300	30	7.5
NURS 423	Nursing Education	150	15	3.8
NURS 425	Nursing Administration /Management /Leadership	300	30	7.5
THEO 424	Church Heritage	40	0	0
	Total	**808**	**74.8**	**18.7**
	Grand Total	**4776**	**477.6**	**119.4**

Module Synopses

CHEM 115 Applied Biochemistry (Including Nutrition) **7.5 Credits**

Equips the nursing student with the skills to apply chemistry to physiological processes such as thoughts, pumping action of the heart, movement, digestion, absorption, transportation, utilization and excretion of food substances. Biochemistry of nutrients and other substances and their action, and interaction and balance in relation to health and diseases will be explored. Therapeutic nutritional and food service delivery in hospitals and other healthcare institutions is emphasized.

PHYS 112 Applied Biophysics **7.5 Credits**

Contributes towards the nursing student's holistic appreciation of the human being through application of properties of living matter and energy as well as the effects of the forces upon matter

BIOL 114 Applied Anatomy **15 Credits**

Facts and concepts in human body structure intended for application to nursing practice are covered. The laboratory assignments reinforce and facilitate the students' understanding.

BIOL 115 Applied Physiology **15 Credits**

Emphasizes on the mechanisms and controls of the functions of the human body intended for application to nursing practice.

PSYC 112 Psychology for Health Sciences **7.5 Credits**

The main sub-disciplines of psychology and the main methods psychologists use to investigate human behaviour are introduced. The nursing student will be equipped to handle clients' psychological issues through application of the scientific method to the study of human behaviour as well as biological and environmental factors influencing human behavior.

SOCI 117 Sociology For Health Sciences **7.5 Credits**

Designed to introduce and strengthen the nursing student's application of concepts related to sociology; society, culture, family and coping behaviour of clients and family in illness. The social perspective role of the nurse in relation to health and illness is emphasized.

NURS 119 Communication Skills (Incl Computer Skills) **15 Credits**

The nursing student is empowered in the communication process, models of communication as well as different approaches to effective communication and counseling of clients in varied circumstances and from different cultural backgrounds. Students' computer skills and appreciation of the digital systems are strengthened through hands-on usage of the computer.

NURS 116 Nursing Foundations (Including Professionalism and Nursing Ethics) **7.5 Credits**

Students are introduced to the Discipline of Nursing and its unique contribution along with other health disciplines towards the health and well-being of individuals, groups and communities. The metaparadigm concepts of a person, health, environment and nursing as viewed by different nursing theorists are explored. Ethico-legal, ethical, economic, and political issues affecting the nurse in health care delivery to clients, groups and aggregates are emphasized. Nursing professional work expectations, a critical review of the scope of nursing practice, as well as development of a professional portfolio and strategies to support lifelong learning are emphasized.

BIOL 217 Applied Microbiology and Parasitology **7.5 Credits**

Focus is on the biology of microorganisms and parasites, the infections they cause and host immunological responses to the infections. The students is equipped with skills for infection prevention and control as applied to the discipline of nursing as well as procedures for the collection, storage and transportation of biological specimens for laboratory tests.

NURS 125 Medical Surgical Nursing (Incl Gerontology and Palliative Care) **45 Credits**

Students utilize the nursing process, nursing models and the application of the art and science of self-directed nursing care in meeting the present and future challenges while caring for clients with acute to chronic as well as basic to complex medical and surgical conditions. The Multidisciplinary focus on physical, mental, and social aspects and implications of aging are included. Key elements and components of palliative care as well as various challenges related to terminal illness for both the client and the family are covered. Students are equipped to alleviate clients' pain and suffering.

NURS 211 Applied Pharmacology **7.5 Credits**

Pharmacokinetics and pharmacodynamics are integrated in examination of interactions of drugs and biological systems as a basis for rational drug therapy and drug administration, human responses to drugs, drug interactions, nursing implications and client education.

NURS 212 Health Assessment **15 Credits**

Students are empowered with clinical nursing assessment skills utilizing the nursing process and effective communication skills during History taking, physical examination and analyzing diagnostic test findings for well and ill clients across the lifespan. Students will be able to employ critical thinking skills to identify potential and actual health problems, formulate nursing diagnoses and formulate individualized nursing care plans.

NURS 214 Nursing Research (incl Statistics and Epidemiology) **7.5 Credits**

Basic descriptive and inferential statistics as well as basic informatics and epidemiology are introduced. Students are introduced to research methods through identifying researchable nursing problems, and being able to critically analyze existing related research findings.

NURS 213 Paediatric Nursing **30 Credits**

The Primary Health Care, Integrated Management of Childhood Illnesses, Health Promotion, and Family Centred approaches are introduced to prevent and manage childhood health problems. Students are prepared to observe children's rights and provide holistic culture sensitive nursing care to children and their families in wellness care, acute care and critical care settings guided by the nursing process and appropriate nursing models

NURS 226 Maternal Child Health & Midwifery (Incl Sexual Reproductive Health) **45 Credits**

The student is introduced to maternal and child health as well as midwifery concepts, policies, protocols, laws and regulations. Emphasis is placed on the normal and abnormal aspects of pregnancy, labour and the postpartum period as well caring for the mother and the newborn baby. Concepts of reproductive health and rights, preconception care, family planning, adolescent sexual and reproductive health and rights, abortion, legal termination of pregnancy, gender issues, sexual abuse, rape, sexually transmitted infections (STI), HIV and AIDS, infertility, menopause, malignancies of the female reproductive system a are discussed in the context of sexual reproductive health and rights.

NURS 225 Mental Health and Psychiatric Nursing **30 Credits**

Students will develop an understanding, skills and attitudes needed for early identification and management of human response patterns to mental health and psychiatric problems using Diagnostic and Statistical Manual of Mental Disorders (DSM) V and International Classification of Diseases (ICD) 10. Statutory instruments protecting both the mentally ill patients and the community are emphasized.

NURS 311 Fundamentals Of Nursing/Nursing Clinical Practice **112 Credits**

This clinical practicum will enable the student to apply the nursing process to meet the bio-psycho-social & spiritual needs of patients with acute/critical illnesses. The practicum will include simulation exercises in case-study analysis, various ECG interpretations, and ACLS algorithms. Clinical area/unit rotations include operating room, post-anaesthesia care, cardiac surgery, oncology, intensive care and emergency care units.

NURS 422 Community Health Nursing (Incl Occupational Health) **15 Credits**

Nursing theory, practice and primary health care, are integrated into epidemiological issues, health promotion as well as disease prevention and management using the urban and rural "Community as a Client" perspective. Students are equipped with knowledge on political and cultural factors influencing community health. Home and workplace occupational health and safety issues are incorporated as students are equipped to prevent, identify and correct problems associated with occupational health and safety.

NURS 423 Nursing Education **15 Credits**

Students are empowered to correctly apply relevant theories and principles of teaching and learning, teaching strategies, evaluation and construction of evaluation tools. The students will be able to effectively capture students' learning styles and problems associated with students' performance to plan, implement and evaluate nursing educational experiences.

NURS 420 Nursing Research Project **22.5 Credits**

The student is guided through identification of a research problem based on clinical or practical nursing experiences within a relevant area of nursing specialization, development of a research proposal, undertaking the research study and submitting a written research study report.

NURS 425 Nursing Administration/Management/Leadership **30 Credits**

Evidence based theories and principles of leadership, management, organisation and their application to nursing are emphasized through the process of planning, organizing, directing, controlling and decision-making regarding issues such as client care, staffing, budgeting and quality improvement. Legal authority for nursing practice, the impact of political and legislative processes and ethical issues in management, are also discussed.

"Nursing is a progressive art such that to stand still is to go backward."
Florence Nightingale

Bachelor of Science Honours in Food Science and Technology

Name of Program	Bachelor of Science Honours in Food Science and Technology
Duration	4 Years
Minimum Credit Load	480
Maximum Credit Load	540
Maximum MBKS Credits	384
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry; "A" level passes in Biology/Chemistry/Food Science, Technology & Design (compulsory)and one subject from Physics, Mathematics or Agriculture	✓
Special Entry: National Certificate in Science Technology/National Diploma in Food Science/Higher National Diploma in Food Science	✓
Mature Entry: 5 "O" level passes including Mathematics & English plus at least 25 years of age and 5 years of experience in the relevant field	✓

Graduation Requirements

	Notional Credits
General Courses	144
Core Courses	384
Total	**528**

Intended Learning Outcomes

Upon successful completion of the program a graduate will be able to:

1. Understand the basic concepts in food chemistry and food analysis
2. Understand the basic principles of producing safe, nutritious and wholesome food products
3. Develop and determine the quality of new food products using quantitative and sensory evaluation method

Program Assessment

Coursework	40% (Assignments, Quizzes, Tests, Practicals, Mid Semester Exam, etc.)
Final Examination	60%
Industrial Attachment	Student's report (50%), assessment by work supervisor (30%), and assessment by Academic supervisor (20%).

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 110-420	Convocations	20	0	0
ORIE 110	Orientation	20	0	0
AGWE 110 – 120	Work Education	40	0	0
	Total	**80**	**0**	**0**
Health and Physical Education				
HLED 125	Health Education	120	12	3
	Total	**120**	**12**	**3**

Languages and Communication				
HUMA 111	Communication Skills and Academic Writing	120	12	3
	Total	**120**	**12**	**3**
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	**120**	**12**	**3**
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
THEO 424	Church Heritage	40	0	0
	Total	**280**	**24**	**6**
Computers				
INSY 118	Introduction to Technology	120	12	3
	Total	**120**	**12**	**3**
Departmental Courses				
FSTC 115	Mathematics for Food Scientists	120	12	3
FSTC 113	Fats and Oils Technology	120	12	3
FSTC 400	Sugar and Confectionery Technology	120	12	3
FSTC 413	Sensory Evaluation of Food	120	12	3
FSTC 212	Bakery Technology	120	12	3
FSTC 114	Food Marketing and Logistics	120	12	3
	TOTAL	**720**	**72**	**18**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
FSTC 107	Organic Chemistry	120	12	3
FTSC 100	Cell biology & genetics	120	12	3
FTSC 101	Food Microbiology	120	12	3
FTSC 102	Food Chemistry	120	12	3
FTSC 103	Food Engineering operations	120	12	3
FSTC 201	Fruits & Vegetables technology	120	12	3
FSTC 202	Dairy Technology	120	12	3
FSTC 211	Meat, Poultry and Fish Technology 1	120	12	3
FSTC 203	Food Quality Management	120	12	3
FSTC 214	Food Biochemistry	120	12	3
FSTC 215	Research methods & Statistics	120	12	3
FSTC 200	Food analysis	120	12	3
FSTC 213	Cereals and Legume technology	120	12	3
FSTC 204	Business Management	120	12	3
WRLE 300	Industrial Attachment	1200	120	30
FSTC 418	Food Product Development & Marketing / Innovation	120	12	3

FSTC 401	Food Engineering	120	12	3
FSTC 402	Food Toxicology	120	12	3
FSTC 480	Dissertation	240	24	6
FSTC 411	Food Biotechnology	120	12	3
FSTC 412	Food Safety and Legislation	120	12	3
FTSC 108	Principles of Nutrition	120	12	3
	Total	**3840**	**384**	**96**
	Grand Total	**5280**	**528**	**132**

Course Schedule

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
ORIE 110	Orientation	40	0	0
CONV 110	Convocation	20	0	0
AGWE 110	Work Education	40	0	0
NTTS 111	Principles of Nutrition	120	12	3
NDTS 113	Principles of Food Science and Food chemistry	120	12	3
NDTS 115	Human Anatomy	120	12	3
NDTS 117	Human physiology (including Cell Biology)	120	12	3
INSY 118	Introduction to Technology	120	12	3
HUMA 111	Communication Skills and Academic Writing	120	12	3
	Total	**820**	**72**	**18**

Level I: Semester 2				
CONV 120	Convocation	20	0	0
AGWE 120	Work Education	40	0	0
CHEM 221	Biochemistry	120	12	3
NDTS 120	Food Microbiology	120	12	3
NDTS 122	Introduction to Food Services	120	12	3
THEO 126	Christian Beliefs	80	8	2
CHEM 120	Organic Chemistry	120	12	3
	Total	**740**	**68**	**17**

Level II: Semester 1				
CONV 210	Convocation	20	0	0
THEO 215	Philosophy of Christian Education	120	12	3
NTTS 210	HIV/AIDS and Nutrition	120	12	3
NTTS 211	Nutrition Education and Counseling	120	12	3
NDTS 213	Nutritional Assessment and Surveillance	120	12	3
NDTS 215	Research Methods and Statistics	120	12	3

NDTS 217	Medical Nutrition Therapy/Therapeutic Nutrition 1	120	12	3
	Total	**740**	**72**	**18**

Level II: Semester 2				
CONV 220	Convocation	20	0	0
NDTS 229	Nutrition through the life cycle	120	12	3
NTTS 223	Food Chemistry	120	12	3
NTTS 220	Community Nutrition	120	12	3
NDTS 228	Psychology for Health	120	12	3
NDTS 224	Food Toxicology	120	12	3
NTTS 222	Population Food systems and Food Security	120	12	3
	Total	**720**	**72**	**18**

Level III: Semester 1				
CONV 310	Convocation	20	0	0
NTTS 311	Professional Practice in Nutrition	120	12	3
NDTS 313	Food Service Management	120	12	3
NDTS 315	Food Production	120	12	3
NDTS 317	Nutrition Programming	120	12	3
NDTS 310	Public Health Nutrition	120	12	3
NDTS 319	Pharmacology Principles	120	12	3
	Total	**740**	**72**	**18**

Level III: Semester 2				
CONV 320	Convocation	20	0	0
NTTS 321	Advanced Food Science and Technology	120	12	3
NTTS 322	Entrepreneurship	120	12	3
NDTS 320	Medical Nutrition Therapy/Therapeutic Nutrition 2	120	12	3
NTTS 323	Advanced Nutrition	120	12	3
BIOL 320	Science of Origins	120	12	3
THEO 324	Church Heritage	40	0	0
NTTS 325	Dissertation	240	24	6
	Total	**860**	**84**	**21**

Level IV				
WRLE 400	Work Related Learning Experience	1200	120	30
	Total	**1200**	**120**	**30**
	Grand Total	**5580**	**536**	**134**

Module Synopses

FSTC 115 Mathematics for Food Scientists **12 Credits**

This module introduces mathematical principles in the food science technology field and addresses the theoretical foundations. Components include basic linear algebra, Functions, Graphs, Differential and Integral Calculus. Students will be expected to apply techniques from calculus to a variety of applied problems in food science.

FSTC 413 Sensory Evaluations of Foods **12 Credits**

The role of sensory evaluation in marketing of food and beverages, physiological and psychological factors affecting sensory perception, relationships between sensory properties and product acceptability, measurement of sensory perception, design and conduct of sensory evaluation experiments, difference testing, preference testing, panel selection procedures, taste and aroma profiling, texture profiling, shelf life determination, sensory quality control, product development and optimisation, strategies for developing sensory evaluation programs. A range of food and beverage products will be assessed using the techniques and principles present in the lecture program.

HLED 125 Health Education **12 Credits**

This course presents principles of personal and community health: it is designed to promote health as outlined by the bible and the spirit of prophecy and backed by Evidence Based Medicine. It is designed to identify unhealthy behaviour and be able to correct them. The course also educates and motivates students to adopt a healthier lifestyle and extend more than all technological wonders of modern medicines. The focus is prevention of disease by learning how to take care of oneself, family, community and environment. The major objective of the Aerobic health and fitness course has been to provide knowledge, attitudes and strong motivation and practice, instruction in the strong hope that each individual will make exercise a regular life practice.

HUMA 111 Communication Skills and Academic Writing **12 Credits**

This course covers the communication process, models of communication and kind of communication. It emphasizes both oral and written communication which includes speech preparation, interviews and business communication. The course is an introduction to the basic principles of academic research and the research process. It also focuses on different levels of research, types of research methods, techniques of research writing, methods of finding information, basics in analysis and presentation of data, bibliography styles, mechanics and format choices required for organizing scholarly research papers.

BIOL 420 Science of Origins **12 Credits**

Studies in the scientific explanation of origins in contrast with explanations derived from divine revelation. Selected critical approaches are examined and evaluated. It is taught to all students and is applicable to the General Education Requirement in natural Sciences. A photocopy of a recent magazine or journal cutting and summary is required.

THEO 105 Christian Beliefs **12 Credits**

This is an introductory course for general students who need background in religious studies. It focuses on the biblical themes of revelation, the Christian God, salvation, God's law, the covenants, the Sabbath, the sanctuary, the Church, and the Second Advent of Jesus Christ.

THEO 216 Philosophy of Christian Education **12 Credits**

A study of aims, principles, and theory of education with special reference to church related schools. The foundational concepts and principles of philosophical thoughts and schools as they relate to education are represented from historical, political, cultural, and religious viewpoints. The Seventh-day Adventist philosophy of education will be highlighted.

FSTC 113 Fats And Oils Technology **12 Credits**

This module will cover the classification of lipids, types of fatty acids – saturated fatty acids, unsaturated fatty acids, essential fatty acids, trans-fatty acids. Rancidity –Types- hydrolytic and oxidative rancidity and its prevention. Importance of oil seeds processing, commercial edible oil sources. Processing of crude oils and refining.

FSTC 400 Sugar And Confectionery Technology **12 Credits**

The course will cover Sugar confectionery, Bakers' confectionery, Sweetening agents and Nutrition – confections (micronutrients and calorific value). The confectionery industry will be subdivided into three categories that is sugar confectionery, chocolate confectionery and flour confectionery. Sugar processing and Sugar substitute's regulation are included.

FSTC 212 Bakery Technology **12 Credits**

This module covers the science of bakery product. Bread making: chemistry of dough development, making of bread, types of breads, variants of bread. Products other than bread: pastry, biscuits, wafers, cakes and other chemically leavened products. Dietetics bakery products and Quality control in bakery will be covered in detail

FSTC 114 Food Marketing and Logistics **12 Credits**

The course will cover how to fulfill market demand by getting the right food product, in the right quantity and quality, at the right time and place, as efficient and sustainable as possible. Issues and developments in logistics theory (such as buffering, inventory management, risk pooling) and combines it with developments in food quality management (such as quality monitoring and control, product quality prediction models) and information technology. Together it provides a firm basis for research on Quality Controlled Logistics (QCL). Students will learn how to analyze, model and design innovative and sustainable logistics systems for food products

FSTC 107 Organic Chemistry **12 Credits**

This course/module looks at the molecular bonding and structure of organic compounds, organic reaction and their mechanisms as well as projection formulae configurations, aromatic chemistry and aromatic substitution reaction to organic actions under organic practicals. This course/module focuses on isolation of selected simple natural products from local plant materials introduction to organic spectroscopy. The module covers, formation of c-c bonds, physical properties and chemical reactions of unsaturated hydrocarbons, alkyl halides, alcohols, carbonyl compounds, carboxyl acids and derivatives and single aromatic compounds.

FSTC 108 Principles Of Nutrition **12 Credits**

This course/module focuses on the nutritive value of foods and metabolism of essential nutrients. It also evaluates nutritional adequacy of a diet as well as the application of ethical principles of nutrition to the requirements of normal individuals throughout the lifecycle

FTSC 100 Cell Biology Genetics **12 Credits**

This course gives a general overview of prokaryotic and eukaryotic cell structure and function with special emphasis on different organelles such as mitochondria and chloroplasts, the cytoskeleton, membrane structure and function, intercellular communication, cell growth and division and techniques used to study cell structures. Furthermore, the module aims to underline approaches to investigate how genes determine physical traits, including susceptibility to diseases and inherited disorders

FTSC 101 Food Microbiology **12 Credits**

Microbiology forms the basis of food safety. The course covers the use of microorganisms in various applications in food. The growth and control of microorganisms in relation to industrial and natural processes is examined. It also introduces students to the diversity and countless activities of microbes and the techniques used to study them. Applications are also included to enable students to venture into more advanced and applied fields of Microbiology and Biotechnology.

FSTC 201 Fruits & Vegetables Technology **12 Credits**

The course offers coverage of pre-harvest and postharvest handling of fruits and vegetables at domestic, small scale and commercial levels. Fruit technology topics include production of non-fermented and fermented fruit and vegetable products; production of thermally processed and frozen fruit; the manufacture of fruit preserves, flavorings and dried fruits and the by-products of fruit processing.

FSTC 203 Food Quality Management **12 Credits**

Different quality concepts are described and identified to explain factors in the agri-food chain that can influence final product quality from a technological perspective

FTSC 102 Food Chemistry **12 Credits**

This module deals with the composition and properties of food and the chemical changes it undergoes under different environmental conditions. Topics include carbohydrates (classification, chemical reactions of carbonyl and hemiacetal groups; reaction of hydroxyl groups; starch, non-starch polysaccharides); Proteins (chemical properties of amino acids and peptides; functional properties, interactions of proteins with other food components, modification of functional properties, types of food proteins, liquids: (nomenclature and classification), triglycerides, fatty acids and their physical and properties, the chemistry of oil refining and the role of lipids in flavor development. Vitamins and Minerals, effect of processing on vitamins and minerals. Enzymatic browning in foods and industrial applications of enzymes. Water in food, water activity and shelf life of food. Natural food flavours, extraction methods and characterization. Pigments in food and their industrial applications. Additives in food processing and preservation. Their functions and safety. Safety and quality evaluation of additives. Various additives such as preservatives, antioxidants, emulsifiers, sequestrants, humectants, stabilizers with respect to chemistry, food uses and functions in formulations.

FTSC 103 Food Engineering Operations **12 Credits**

This course is intended to equip students with the principles of processing in a scientifically rigorous yet concise manner, and which can be used as a lead in more specialized areas such as equipment design. This course is designed from a quantitative and mathematical perspective and is not simply a descriptive treatment of food processing. The following areas are covered. Units and dimensions, (Derived units, Dimensionless groups); introduction to Physical Concepts: (velocity, Acceleration, Momentum, Force, Pressure, Work, Energy, Power, density(Liquids, Solids, Gases); Porosity, Overrun, etc; Measurements of thermal properties of foods; Mass and energy Balances; Heat transfer; Modes of heat transfer; Basic Thermodynamics; Properties of fluids, thermal processes of foods; Evaporation; Chilling/Refrigeration/ Freezing; Membrane Processes; Mass transfer).

FSTC 202 Dairy Technology **12 Credits**

This course deals with processing and use of milk in products. Areas include; introduction (Global dairy status vis a vis the local dairy status, the primary production of milk, basic dairy chemistry, milk composition, protein-casein, milk serum proteins, membrane proteins, fat, carbohydrate, vitamins, enzymes and tests for detection, lactose, minerals); Dairy microbiology, changes in milk during storage; effect of heat treatment on milk constitutes; dairy; the process, general milk treatment(pasteurization, clarification, standardization, bactofugation, homogenization, deaeration, evaporation) ; butter production, cheese production, condensed milk production, production of milk powder, yoghurt production; fermented milk production, ice-cream making, Dairy plant equipment, dairy plant sanitation (CIP, COP, Biofilms and use of Biodetergents).

FSTC 211 Meat, Poultry and Fish Technology **12 Credits**

Meat and poultry are essential components of a balanced diet, chemical composition and microscopic structure of meat. The course will first review the anatomical, physiological, developmental and biochemical aspects of muscle as a basis for understanding its conversion to meat. Meat quality evaluation as well as meat plant sanitation and safety will be covered. Poultry: classification, composition, preservation methods and processing as well as processing of egg products. Students will also learn processing and quality control measures of fish and seafood technology.

FSTC 214 Food Biochemistry **12 Credits**

This module will deal with the Chemistry of carbohydrates and lipids and the metabolism of these and other cellular constituents. Emphasis will be given on digestion and degradation of carbohydrates – sugars, storage polysaccharides and cell walls. Reactions of sugars such as Glycolysis, the tricarboxylic acid cycle, the pentose phosphate pathway, the Cori cycle, the Calvin pathway, gluconeogenesis and the disorders of carbohydrate metabolism. The lipid part includes a survey of structure, functions, biosynthesis and catabolism of different classes of lipids and the regulatory aspects thereof. It studies on the physical, chemical, and biochemical significance of lipids in foods lipids on the physical properties of foods during postharvest storage. Catabolism and synthesis the course also has a laboratory component that must be successfully completed

WRLE 300 Work Related Learning Experience **120 Credits**

This is the application of theoretical knowledge in a relevant industry under the supervision of both academic and industry supervisors.

FSTC 215 Research Methods & Statistics **12 Credits**

The course provides an overview of aspects related to research methodologies, methods, and statistical analysis. Language of research, ethical principles and challenges, and the elements of the research process within quantitative, qualitative, and mixed methods approaches will be studied. Students will be introduced to field specific (or interests) literature review as a bedrock in determining how research findings are useful in understanding their study subject. Students will be introduced to data types, presentation, and summarization techniques (tables, graphs, charts). Statistical methodology course coverage includes special focus on fundamental principles of probability and statistical inference (chi-square, t-tests, correlation and simple linear models), Regression and correlation (regression parameters, correlation coefficient, coefficient of determination). Practically, the course will introduce the basics of programming statistical packages (e.g. SPSS, SAS, and GENSTAT etc.) and database management using Excel.

FSTC 200 Food Analysis **12 Credits**

The course is designed to develop an understanding and practically expose students to the principles, instrumental methods for the qualitative and quantitative analysis of major food components (moisture, protein, carbohydrate, lipids, dietary fiber, minerals and vitamins). Experiments will be designed to introduce students to a variety of techniques commonly used in food science and nutrition analytical laboratories (Gravimetric, volumetric, and spectrophotometric methods, chromatographic methods are emphasized). Criteria for the choice of various analytical methods, sampling techniques and methods of treating data will be studied. Lecture topics will focus on common methods of proximate analysis and related techniques used in analysis of food and food ingredients.

FSTC 213 Cereals and Legume Technology **12 Credits**

General introduction to cereals, production trends of cereals, Structure and nutrient distribution in cereals, wheat types, milling of wheat, quality of flour and flour treatment. Students will also learn technology of corn-wet milling and dry milling, breakfast cereals production, baking, extrusion processing of cereals; malting and brewing. Corn starch and its hydrolyzed syrups will also be considered, production and utilization of small grains (sorghum, millet, oats etc.). Module will also cover structure and composition of legumes, their importance in diet. Milling and processing of pulses, anti- nutritional factors in legumes will also be covered. Furthermore grain grading, marketing standards storage will also be covered.

FSTC 418 Food Product Development & Marketing/ Innovation **12 Credits**

The course offers a comprehensive coverage of instruments used for food product development and marketing. The aspects of designing, creating, and marketing a new product is covered as well as the social and regulatory environment that surrounds food marketing and product development.

FSTC 401 Food Engineering II **12 Credits**

This course is intended to equip students with the principles of processing in a scientifically rigorous yet concise manner, and which can be used as a lead in more specialized areas such as equipment design. This course is designed from a quantitative and mathematical perspective and is not simply a descriptive treatment of food processing. The following areas are covered. Units and dimensions, (Derived units, Dimensionless groups); introduction to Physical concepts: (velocity, Acceleration, Momentum, Force, Pressure, Work, Energy, Power, density (Liquids, Solids, Gases); Porosity, Overrun, etc.; Measurements of thermal properties of foods; Mass and energy Balances; Heat transfer; Modes of heat transfer; Basic Thermodynamics; Properties of fluids, thermal processes of foods; Evaporation; Chilling/Refrigeration/ Freezing; Membrane Processes; Mass transfer).

FSTC 402 Food Toxicology **12 Credits**

The course provides a detailed coverage of the different types of toxic substances found in food. It addresses the physiological, biological or pathological changes induced by specific toxic substances found in food derived from higher plants, micro-and macro fungi and marine foods.

FSTC 411 Food Biotechnology **12 Credits**

Application of biotechnology in food production and food preservation can bring numerous benefits to health and nutrition. The course addresses issues on traditional and modern biotechnologies used to support and enhance food quality i.e. improving plant and animal products through biotechnology, genetic engineering, regulations controlling the application of food biotechnology and major concerns about biotechnology-derived foods.

FSTC 480 Dissertation **24 Credits**

Students will be expected to carry out a research project, writing a complete and coherent dissertation. Understanding and interpreting results, drawing valid conclusions based on objectives and existing and generated information. The module provides students the opportunity to design, undertake or conduct an independent piece of research study related to the program under the guidance of a supervisor

FSTC 204 Business Management **12 Credits**

A business management course outline typically covers core business functions, organizational behavior, and strategic decision-making. Specific areas of study include finance, marketing, human resources, operations, and the broader business environment. Depending on the level and specialization (e.g., Bachelor of Business Management, Diploma in Business Management), the curriculum may also delve into specialized areas like entrepreneurship, international business, or specific industry management

FSTC 412 Food Safety and Legislation **12 Credits**

A course intended to provide students with knowledge of sanitation requirements in the food industry, the monitoring protocols required for prevention of food contamination and knowledge of both local and some international food legislation. Areas covered are sanitation: general principles: (design of food processing plants, housekeeping, equipment and utensils, personnel); water supplies;(water quality in relation to its uses in food manufacturing, water treatment for food manufacturing); methods of soil removal; methods of sanitation, types of sanitizers and their application; hygiene of workers; sanitation inspection, pest control; waste disposal; food legislation; philosophy and development of food legislation; codes of hygiene practice, food standards; statutory regulation; food legislation for international trade.

Bachelor of Science Honours in Nutrition and Dietetics

Name of Program	Bachelor of Science Honours in Nutrition & Dietetics
Duration	4 Years
Minimum Credit Load	480
Maximum Credit Load	560
Maximum MBKS Credits	384
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry; Five "O" level passes including English and Mathematics or equivalent, and two "A" level passes including Biology, Chemistry, and/or Food Science	✓
Special Entry: National Certificate (NC), National Diploma (ND), and Higher National Diploma (HND) in relevant field	✓
Mature Entry: At least 25 years of age and 5 years of experience in the relevant field. Five "O" level passes including English. Candidates may be subjected to interview by the Department and Dean	✓

Graduation Requirements

	Notional Credits
General Courses	144
Core Courses	384
Total	**528**

Intended Learning Outcomes

Upon successful completion of the program a graduate will be able to:

1. Understand the relationship of diet to health and to apply this knowledge to the provision of nutritional advice to the public, as well as providing safe, wholesome and nutritious food to consumers.
2. Apply knowledge and understanding of the role of diet and nutrition in the cause and prevention of diseases such as obesity, cardiovascular disease, certain cancers, and others.
3. Present ideas and arguments verbally, logically and professionally in presentations, seminars and informal discussions.
4. Be able to plan, conduct, analyse and report on investigations into an aspect of nutrition in the laboratory and/ or in the field in a responsible, safe and ethical manner
5. Work independently on individual projects and, ultimately, to manage group projects,
6. Develop time management/organisational skills.
7. Demonstrate the formulation of ideas and opinions in nutrition/dietetics; including the communication and exchange of information concerning food, nutrients, and nutrition
8. Effectively; in ways appropriate to the needs of specialist and public target audiences
9. Use the Nutrition Care Process to make decisions, identify nutrition-related problems and determine and evaluate nutrition interventions
10. Describe the governance of nutrition and dietetics practice, such as the Scope of Nutrition and Dietetics Practice and the Code of Ethics for the Profession of Nutrition and Dietetics; and describe inter-professional relationships in various practice settings

Program Assessment

Coursework	40% (Assignments, Quizzes, Tests, Practicals, Mid Semester Exam, etc.)
Final Examination	60%
Industrial Attachment	Student's report (50%), assessment by work supervisor (30%), and assessment by Academic supervisor (20%).

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 110-420	Convocations	20	0	0
ORIE 110	Orientation	20	0	0
AGWE 110 – 120	Work Education	40	0	0
	Total	**80**	**0**	**0**
Languages and Communication				
HUMA 111	Communication Skills and Academic Writing	120	12	3
	Total	**120**	**12**	**3**
Computers and Mathematical Science				
INSY 118	Introduction to Technology	120	12	3
	Total	**240**	**24**	**6**
Religion and Philosophy				
THEO 126	Christian Beliefs	80	8	2
THEO 424	Church Heritage	40	0	0
	Total	**120**	**8**	**2**
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	**120**	**12**	**3**
Departmental Courses				
NDTS 319	Pharmacology Principles	120	12	3
	Total	**120**	**12**	**3**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
NDTS 111	Introduction To Principles of Dietetics and Nutrition	120	12	3
NDTS 113	Principles of Food Science & Food Chemistry	120	12	3
NDTS 115	Human Anatomy	120	12	3
NDTS 117	Human Physiology (Including Cell Biology)	120	12	3
NDTS 119	Introduction To Food Services	120	12	3
NDTS 120	Food Microbiology	120	12	3
NDTS 122	Introduction to Clinical Nutrition	120	12	3
CHEM 201	Biochemistry	120	12	3
NDTS 201	Nutrition 2	120	12	3
NDTS 205	Research Methods and Statistics	120	12	3
NDTS 209	Nutrition through the life Cycle	120	12	3
NDTS 220	Community nutrition, Nutrition Education & Counseling	120	12	3
NDTS 222	Clinical Nutrition 2	120	12	3

NDTS 224	Food Toxicology	120	12	3
NDTS 226	Food Services 2	120	12	3
NDTS 228	Psychology for Health I	120	12	3
NDTS 302	Professional Practices in Dietetics/ Nutrition	120	12	3
NDTS 303	Food Services Management	120	12	3
NDTS 305	Experimental Foods/Food Production	120	12	3
NDTS 307	Nutrition Programming	120	12	3
NDTS 310	Public Health Nutrition	120	12	3
NDTS 312	Psychology for Health 2	120	12	3
NDTS 314	Food Service 3	120	12	3
NDTS 316	Nutrition 3	120	12	3
NDTS 318	Clinical Nutrition 3	120	12	3
NDTS 320	Medical Nutrition Therapy/ Therapeutic Nutrition 2	120	12	3
WRLE 400	Work Related Learning Experience	1200	120	30
NDTS 405	Dissertation	240	24	6
	Total	**5040**	**504**	**126**
	Grand Total	**5600**	**560**	**140**

Course Schedule

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
CONV 111	Convocation	20	0	0
ORIE 111	Orientation	40	0	0
AGWE 111	Work Education	40	0	0
NDTS 111	Introduction to Principles of Dietetics and Nutrition	120	12	3
NDTS 115	Human Anatomy	120	12	3
NDTS 117	Human Physiology (Including Cell Biology)	120	12	3
NDTS 113	Principles of Food Science and Food Chemistry	120	12	3
NDTS 119	Introduction to Food Services	120	12	3
BIOL 420	Science of Origins	120	12	3
	Total	**780**	**72**	**18**

Level I: Semester 2				
CONV 122	Convocation	20	0	0
AGWE 122	Work Education	40	0	0
NDTS 120	Food Microbiology	120	12	3
NDTS 122	Introduction to Clinical Nutrition	120	12	3
HUMA 111	Communication Skills and Academic Writing	120	12	3
INSY 118	Introduction to Technology	120	12	3

CHEM 120	Organic Chemistry	120	12	3
	Total	**780**	**72**	**18**

Level II: Semester 1				
CONV 211	Convocation	20	0	0
NDTS 211	Nutrition II	120	12	3
NDTS 213	Nutrition Assessment and Surveillance	120	12	3
NDTS 215	Research Methods and Statistics	120	12	3
NDTS 217	Medical Nutrition Therapy/ Therapeutic Nutrition 1	120	12	3
NDTS 219	Nutrition through the life cycle	120	12	3
CHEM 211	Biochemistry	120	12	3
	Total	**740**	**72**	**18**

Level II: Semester 2				
CONV 222	Convocation	20	0	0
NDTS 220	Community Nutrition, Nutrition Education and Counseling	120	12	3
NDTS 222	Clinical Nutrition II	120	12	3
NDTS 224	Food Toxicology	120	12	3
NDTS 226	Food Service II	120	12	3
THEO 126	Christian Beliefs	80	8	2
NDTS 228	Psychology for Health I	120	12	3
	Total	**700**	**68**	**17**

Level III: Semester 1				
CONV 311	Convocation	20	0	0
NDTS 312	Professional Practice in Dietetics	120	12	3
NDTS 313	Food Services Management	120	12	3
NDTS 315	Experimental Foods/Food Production	120	12	3
NDTS 317	Nutrition Programming	120	12	3
NDTS 319	Pharmacology Principles	120	12	3
NDTS 310	Public Health Nutrition	120	12	3
	Total	**740**	**72**	**18**

Level III: Semester 2				
CONV 322	Convocation	20	0	0
NDTS 322	Psychology for Health II	120	12	3
NDTS 324	Food Service III	120	12	3
NDTS 326	Nutrition III	120	12	3
NDTS 328	Clinical Nutrition III	120	12	3
NDTS 320	Medical Nutrition Therapy/ Therapeutic Nutrition II	120	12	3
	Total	**620**	**60**	**15**

Level IV				
WRLE 400	Work Related Learning Experience	1200	120	30
NDTS 420	Dissertation	240	24	6
	Total	**1440**	**144**	**36**
	Grand Total	**5600**	**560**	**140**

Module Synopses

HUMA 111 Communication Skills and Academic Writing **12 Credits**

The course covers the communication process, models of communication, and kinds of communication. It emphasizes both oral and written which includes speech preparation, interviews, and business communication. This is an introduction to the basic principles of academic research and the research process. It also focuses on the different levels of research, types of research methods, techniques, methods of finding information, basics in analysis and interpretation of data, bibliography styles, mechanics and format choices required for organizing scholarly papers

NDTS 101 Introduction to Principles of Dietetics & Nutrition **12 Credits**

The course includes basic terminology, the role of a dietetic technician, the role of a Registered Dietitian, and Nutritionist basic concepts of clinical nutrition, community nutrition and food service management as well as career opportunities, principles of nutrition including the various essential nutrients in foods and their functions in the human body.

NDTS 103 Principles of Food Science And Food Chemistry **12 Credits**

Introduction to Food Science is a comprehensive course providing introductory knowledge of food chemistry, food laws, food processing & preservation, food microbiology & fermentation, food safety, food toxicology, and food engineering. Food chemistry is also discussed. Food chemistry includes competency to differentiate chemical interactions and reactions of food components and their effect on sensory, nutritional, and functional properties of foods. Importance and application of macro and micro- nutrients in providing desirable food properties as well how they can lead to food deterioration will be covered. Applications of water, enzymes, pigments, natural flavors and additives are also an integral part of this course/module.

NDTS 105 Human Anatomy **12 Credits**

This course/module focuses on the study of different parts of any organized body to discover anatomical structure. The parts focused on are the skeletal system, joints, muscular system, central and peripheral nervous system. This course/module emphasizes on the special senses, blood, the cardiovascular and lymphatic system, the reproductive system, embryology and the urinary system. It gives the students an understanding of the anatomical structures.

NDTS 107 Human Physiology (Including Cell Biology) **12 Credits**

The structure of the human body at macro and cellular level will be emphasized in this course/module. It integrates, synthesizes and describes the role and function of every part of human anatomy and physiology, to enable students to achieve a working knowledge of human physiology in relation to nutritional sciences. Structure of organic bodies, organization zootomy, phytonym and anthroponomy will be focused on. The course will also focus on the structure of eukaryotic cells, function of different organelles , membrane structures including modification e.g. gap and tight junction , transport across membranes, membrane synthesis , protein synthesis , sorting and delivery the organelles involved in the role of lysosomes in recycling cellular components, functional importance of mitochondrial membranes in respiration, the components of the cytoskeleton, cell motility cell differential unlimited cell growth and cancer cell.

THEO 126 Christian Beliefs **12 Credits**

This is an introductory course for general students who need a background in religious studies. It focus on Biblical themes of revelation, the Christian God, salvation, God's law, the governance, the Sabbath, the sanctuary, the Church, and the second advent of Jesus Christ.

NDTS 109 Introduction to Food Services **12 Credits**

The module introduces techniques for safe food handling including microbiology, preventing foodborne illnesses, maintenance of safe facilities and training foodservice employees, and Industry Certification.

CHEM 210 Organic Chemistry **12 Credits**

This course/module looks at the molecular bonding and structure of organic compounds, organic reaction and their mechanisms as well as projection formulae configurations, aromatic chemistry and aromatic substitution reaction to organic actions under organic practical. This course/module focuses on isolation of selected simple natural products from local plant materials introduction to organic spectroscopy. The module covers formation of c-c bonds, physical properties.

CHEM 201 Biochemistry **12 Credits**

The course focuses on pathways of metabolism of carbohydrates, proteins, lipids, Enzyme biosynthesis and regulation; Enzymes as biocatalysts – chemistry, classification, mode of action, specificity, assay techniques, isolation and purification, stabilization, enzyme kinetics; Applications of enzymes, Metabolic regulation, hormones, Release of energy and its trapping. Metabolic rate and caloric needs; Chemical reactions of unsaturated hydrocarbons, alkyl halides, alcohols, carbonyl compounds, carboxylic acids and derivatives and single aromatic compounds.

NDTS 120 Food Microbiology **12 Credits**

Students will be introduced to the microbial world and made aware of existing tools to explore it. Starting from a historical perspective, the central role that microbes play in health will be investigated. Aspects of taxonomic relationships, safe laboratory practice and general techniques in culturing, staining and quantification will be covered. The role of microorganisms in the spoilage of food, Food poisoning and food borne diseases, Modification of food through fermentation, Microbial examination of foods, Prevention of microbial contamination and growth of microorganisms in food will be discussed including Environmental changes on microbial growth and Specifications and standards.

NDTS 122 Introduction to Clinical Nutrition **12 Credits**

Basic principles of human nutrition with emphasis on the nutrients and factors that affect their utilization in the human body; nutritional requirements of the body at all age levels; modern concept of an adequate diet; cultural influences on food selection; principles of diet modification and its importance in the treatment of disease.

INSY 101 Computer Concepts & Applications **12 Credits**

The course is designed to provide health care and customer service students with a basic knowledge of computer principles, hardware, usage and software including Microsoft Word, Excel and Access

MATH 190 College Algebra **12 Credits**

This is a study of basic notations of the real number system, algebraic equations, and inequalities, Cartesian coordinates, function, arithmetic and geometric sequences, curve fitting, solution of systems of linear equations, matrices, linear programming, elementary notations of probability and statistics, applications of these topics. It also includes introductory mathematics of finance

NDTS 222 Clinical Nutrition II **12 Credits**

This course builds on in the information presented in the course Intro to Clinical Nutrition. The module presents the principles and practice of scientifically based clinical nutrition. Topics discussed include nutritional assessment (nutritional implications of the physical exam, laboratory studies, and more), macronutrients, micronutrients, phytonutrients, enzymes, and other factors.

NDTS 209 Nutrition throughout the Life Cycle **12 Credits**

Course/module will provide an overview of the nutrient needs of individuals for each of the major stages through the life cycle. It examines the recommended dietary intakes (RDAs) for each stage and explores common nutritional problems associated with each life stage.

NDTS 288 Psychology for Health I **12 Credits**

This course introduces the student to the biological basis of human behavior and examines the relationship between memory, thinking and language. They examine how biological, psychological, and social factors interact with and affect the efforts people make in promoting good health and preventing illness. The recovery, rehabilitation, and psychosocial adjustment of patients with serious health problems are explained using Behavioristic, Psychoanalytic and Humanistic theories.

NDTS 207 Medical Nutrition Therapy/Therapeutic Nutrition I **12 Credits**

This course/module will examine pre-requisites of nutrition and metabolism, the application of principles of biochemistry and physiology in the study of nutrient metabolism as altered by disease. The physio- biochemical basis of the diet in the treatment of diseases may include field experiences. Application of the principles of normal and therapeutic nutrition, nutrition assessment, nutrition intervention and evaluation as related to the management and treatment of disease states.

NDTS 302 Professional Practice in Dietetics **12 Credits**

This is an essential part of the preparation for clinical placement. Dietetics/Nutrition professional issues and regulatory structures, the food service system in health care institutions and clinics, management and communication principles, reflective practice and keeping a professional portfolio are discussed in this module.

NDTS 303 Food Service Management **12 Credits**

This course/module focuses on the introduction to the management of commercial and noncommercial food service systems; Students experience managing the procurement production and service of food, as well as the sanitation and maintenance of equipment and facilities. This course/module will examine national, regional, and international food laws, adoption, interpretation and enforcement of laws and regulations governing food preparation and food service systems, impact of regulation on food production availability, marketing and safety.

NDTS 305 Experimental Foods/ Food Production **12 Credits**

This course/module will enable students to understand food production and the strategic features of new product development; develop strategic thinking, planning, and managing abilities throughout the entire new product development process; and understand various techniques in identifying new product opportunities in the food industry.

NDTS 307 Nutrition Programming **12 Credits**

This course/module focuses on needs assessment, goal setting and outcome assessment. Students should develop team management, conflict resolution, human resource management, quality improvements, appraisals and financial methods, management process, project proposal writing and monitoring and evaluation. The module/course will introduce you to project management theory and develop the project management skills that are needed for effective nutrition practice. The course/module will cover components of project planning, including (but not limited to) needs assessment, stakeholder analysis, development of objectives, risk analysis, implementation and evaluation

NDTS 310 Public Health Nutrition **12 Credits**

Public Health Nutrition is the science and art of preventing disease, prolonging life, and promoting health through the medium of nutrition. The module exposes the student to the multidisciplinary principles and practices that support public health. It also identifies and analyses issues that threaten the overall health of a community and society at large, with a view

NTTS 400 Work Related Learning Experience **120 Credits**

This is application of theoretical knowledge in a relevant industry under the supervision of both academic and industry supervisors. Internship is at least 9 months and the student must satisfactorily complete the internship with positive evaluations to pass the course.

NTTS 405 Dissertation **24 Credits**

Students will be expected to carry out a research project, writing a complete and coherent dissertation. Understanding and interpreting results, drawing valid conclusions based on objectives and existing and generated information. The module provides students the opportunity to design, undertake or conduct an independent piece of research study related to the program under the guidance of a supervisor.

NDTS 316 Nutrition III **12 Credits**

Nutrition II is a prerequisite to the course. Nutrients and physical activity; life cycle nutrition; nutrition for the elderly risk factors for chronic diseases; consumer concerns about food safety; environmental consciousness; alternative nutrition practices; how to recognize and evaluate opposing nutritional viewpoints; examination and critique of current nutrition trends; case studies.

NDTS 320 Medical Nutrition Therapy/Therapeutic Nutrition II **12 Credits**

Medical Nutrition Therapy II uses the nutrition care process framework introduced in Medical Nutrition Therapy I to consider disease states that require dietary modification in individuals. This is the second in a 2-part series of Medical Nutrition Therapy (MNT) courses that prepares students to apply a standardized methodology of nutrition care to progressively complex medical conditions. An evidence analysis methodology will be taught and applied to a project to evaluate the efficacy of a complementary and alternative medicine therapy for a diet-responsive health condition. Topics include nutrition counseling and communication skills, professional ethics, medical terminology, clinical laboratory values, dietary menu planning and analysis in specific situations, evaluating nutritional status, case studies for these diseases, and will examine enteral and parental nutrition support for critically ill patients. Students will also develop a basic knowledge related to the principles of fluid and electrolytes balance as well as acid-base balance as they relate to the nutritional care of patients/clients

NDTS 312 Psychology for Health II **12 Credits**

This course introduces the student to the biological basis of human behavior and examines the relationship between memory, thinking and language. They examine how biological, psychological, and social factors interact with and affect the efforts people make in promoting good health and preventing illness. The recovery, rehabilitation, and psychosocial adjustment of patients with serious health problems are explained using Behavioristic, Psychoanalytic and Humanistic theories.

NDTS 309 Pharmacology Principles **12 Credits**

The course is an introduction to contemporary pharmacology. It covers a brief review of pharmacology history, Drug sources, informational sources, Ethics and Law, Health Care Systems and Medical terminology. The course will relate pharmacology to nutrition and dietetics; Drug classification relevant to nutrition and their modes of action; drug-nutrient interactions; common medication side effects and contraindications relevant to nutrition.

NDTS 314 Food Service III **12 Credits**

This course, of which Food Service 2 is a prerequisite, focuses on the advanced study of cooking and baking techniques, workplace and sanitation regulations, and the principals of foodservice management. This is a lab class that will split time between advanced food production and topics in food service management such as ordering, costing and workplace law. Students will develop the applied knowledge and skills required to work as a professional team member in a full service, licensed restaurant operation. Various food and beverage service techniques and effective customer service skills and attitudes will be developed and practiced.

NDTS 318 Clinical Nutrition III **12 Credits**

This course will include community nutrition content that comprises; nutritional surveillance, epidemiological studies of diet, and also the development, implementation, and evaluation of dietary recommendations and goals. Principles and mechanisms of disease that result in altered nutrient requirements in humans. It involves assessment of nutrition and situation in emergencies using SMART methodology; Nutritional strategies and interventions in emergency situations, Data management in an emergency, Challenges in management of a crisis situation. Designing a program in an emergency

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"Tell me what you eat, and I will tell you what you are."
G. K. Chesterton

Department of Education and Humanities

Chairperson: Dr. Tembinkosi Sibanda, PhD

Full Time Lecturers

- Dr. Chifamba Constance, DPhil
- Baidya Shamoli, MA
- Benesi Givemore, MA
- Chayerera Rose, MA
- Mahlangu Sipho, MScEd
- Matshisela Aaronias, M.Ed
- Moyo Mbuso, MA
- Ndlovu Primrose, M.Ed
- Ndlovu Thula, MA, M.Ed
- Nyathi Sihle, MA
- Siziba Sinikiwe, M.Ed
- Tsvara Irine, M.Ed

Adjunct Lecturers

- Sithandile Mpofu
- Dr. David Foyer
- Mthabisi Nyathi
- Eneless Lunga
- Rita Sibanda
- Thando Sibanda
- Tafadzwa Nembaware
- Chipo Gwizo
- Pator E. Zhanje
- Shebby Moyo
- Sithabile Chivasa
- Buhle Ndeti
- Tapiwa Makamure
- Maphios Tapera

Mission Statement

The Department of Education and Humanities is committed to fostering a transformative learning environment that empowers students to become passionate, critically-thinking, and socio-spiritually-responsible individuals. We strive to cultivate excellence in teaching, research, and community engagement, preparing graduates who will make a positive impact in their communities and the world at large. The department aims to achieve this mission by:

- ***Excellence***: we pursue academic excellence, innovation and continuous improvement.
- ***Integrity***: we uphold the highest standards of moral integrity, ethics and professionalism.
- ***Compassion***: we foster a culture of empathy, care and inclusivity.
- ***Social Responsibility***: we promote social justice, equality and community engagement.
- ***Spiritual Growth***: we nurture spiritual growth, values and principles that promote holistic development
- ***Seventh-day Adventist values***: We uphold the values of the Seventh-day Adventist Church including compassion, integrity and service.

Career Opportunities

A graduate from this department may be employed as:

Education:

- Teachers/Lecturers/Professors

- Administrators
- Researchers
- Curriculum Designer
- Heads of Schools/Institutions
- Subject Specialists
- Consultants
- Program Evaluators
- Academic Writers
- Librarians
- Diplomats
- Policy Analysts
- Human-Computer Interaction Specialists

Humanities:

- Political Analysts
- Museum Curators
- Art Historians
- Political Observers
- Policy Analysts
- Program officers
- Researchers
- Pastors/Ministers of Religion/Chaplains
- Editors
- Writer/Authors
- Journalists
- Public Relations Specialists
- Social Media Managers
- Broadcasting/Film/TV Producers
- Digital Archivists
- Digital Content Creators

Program Curricular in the Department

Bachelor of Education Honours in Agriculture

Name of Program	Bachelor of Education Honours in Agriculture
Duration	2 Years
Minimum Credit Load	240
Maximum Credit Load	300
Maximum MBKS Credit Load	192
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry: Certificate/Diploma in Education where Agriculture is the main subject. Five "O" level passes including English	✓
Special Entry: Holders of National Certificates/National Diplomas/Higher National Diplomas in Agriculture from recognized Agricultural Colleges having 5 'O' levels may also be admitted in this program	✓
Mature Entry: 25 years and above and 5 years of related work experience. Five 'O' levels including English.	✓

Graduation Requirements

	Notional Credits
General Courses	108
Core Courses	192
Total	300

Intended Learning Outcomes

A holder of the Bachelor of Education degree in Agriculture will be able to:

- Use innovative technology-enhanced teaching strategies to implement the curriculum
- Apply sound research and technological techniques when carrying out research
- Monitor, assess and evaluate learners, learning processes, projects and programs.
- Analyze and exploit entrepreneurial opportunities to promote innovation and industrialization.
- Adapt to educational changes in their environments to promote innovation and industrialization
- Apply soft skills such as Ubuntu and critical thinking in both their professional and personal interactions
- Manage both personal and institutional finances

Program Assessment

Coursework	40 % (Assignment, Quizzes, Presentations, Mid Semester Exams, etc.)
Final Examinations	60 %
Industrial Attachment	Student's Report – 50%, Work Supervisor- 30% Academic Supervisor -20%

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 110 - 420	Convocations	20	0	0
ORIE 110	Orientation	20	0	0
AGWE 110 - 420	Work Education	40	0	0
Health and Physical Education				
HLED 125	Health Education	120	12	3
	Total	**120**	**12**	**3**
Computers				
INSY 118	Introduction to Technology	120	12	3
	Total	**240**	**24**	**6**
Languages and Communication				
HUMA 111	Communication Skills and Academic Writing	120	12	3
	Total	**120**	**12**	**3**
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	**120**	**12**	**3**
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
THEO 424	Church Heritage	40	0	0

	Total	**280**	**24**	**6**
Departmental Courses				
BEPC 130	Curriculum Innovation	120	12	3
WRLE 200	Teaching Practice	240	24	6
	Total	**360**	**36**	**9**
	Grand Total	**1200**	**108**	**27**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
BEAG 100	Culture and Heritage Studies	120	12	3
BERM 190	Research Methods and Statistics	120	12	3
BEAG 130	Measurement and Evaluation	120	12	3
BEAG 111	Soil fertility and Conservation	120	12	3
BEAG 121	Developmental and Educational Psychology	120	12	3
BEAG 122	Veld Pasture Management	120	12	3
BEAG 123	Animal Nutrition	120	12	3
BEAG 124	Introduction to Genetics and Biotechnology	120	12	3
BEAG 211	Teaching Methods in Agriculture	120	12	3
BEAG 212	Resource Management	120	12	3
BEAG 213	Agricultural Engineering and Machinery	120	12	3
BEAG 214	Crop Production	120	12	3
BEAG 131	Philosophy of Education	120	12	3
BEAG 221	Animal Production	120	12	3
BERP 291	Research Project	240	24	6
	Total	**1920**	**192**	**48**

Program Schedules

Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Level I: Semester 1				
BEAG 100	Culture and Heritage Studies	120	12	3
BERM 110	Research Methods and Statistics	120	12	3
BEAG 111	Soil fertility and Conservation	120	12	3
BEAG 112	Measurement and Evaluation	120	12	3
HUMA 111	Communication Skills & Academ-ic Writing	120	12	3
INSY 118	Introduction to Technology	120	12	3
CONV 110	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level I: Semester 2				
BEAG 121	Developmental and Educational Psychology	120	12	3

BEAG 122	Veld Pasture Management	120	12	3
BEAG 123	Animal Nutrition	120	12	3
BEAG 124	Introduction to Genetics & Bio-technology	120	12	3
BEAG 131	Philosophy of Education	120	12	3
THEO 126	Christian Beliefs	120	12	3
CONV 111	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level II: Semester 1				
BEAG 211	Teaching Methods in Agriculture	120	12	3
BEAG 212	Resource Management	120	12	3
BEAG 213	Agricultural Engineering and Machinery	120	12	3
BEAG 214	Crop Production	120	12	3
BIOL 220	Science of Origins	120	12	3
WRLE 200	Teaching Practice	249	24	6
CONV 210	Convocation	20	0	0
	Total	**860**	**84**	**21**

Level II: Semester 2				
HLED 125	Health Education	120	12	3
BEPC 130	Curriculum Innovation	120	12	3
BERP 291	Research Project	240	24	3
THEO 216	Philosophy of Christian Education	120	12	3
BEAG 221	Animal Production	120	12	3
CONV 211	Convocation	20	0	0
THEO 424	Church Heritage	40	0	0
	Total	**780**	**72**	**18**
	Grand Total	**3160**	**300**	**75**

Module Synopses

BEAG 131 Philosophy of Education **12 Credits**

The module is designed to equip participants with a teaching qualification. This is done through an exploration of the historical and philosophical foundations in the theory and practice of education. Key philosophical issues and concepts are introduced. This enables students to appreciate reflective approaches and arguments as well as applying these to educational problems and issues. Additionally this module fosters critical appreciation of major ideas in the history of educational thought.

BEAG 100 Culture and Heritage Studies **12 Credits**

This module will introduce scholars to define terms of culture and heritage. The module will expose the learners to issues like civic education, spirituality, tangible and intangible Zimbabwean resources. History of Zimbabwe and its different ethnic groupings in different geographical locations. Learners would be challenged to be tolerant and enjoy the multicultural status of the nation.

BEAG 130 Measurement and Evaluation **12 Credits**

This module is intended to introduce candidates to measurement and evaluation techniques used in a teaching learning situation. Key terms used in measurement and evaluation such validity, reliability and usability will be discussed. In addition, principles of test construction, administration and scoring as well as item analysis will be covered.

BERM 190 Research Methods and Statistics **12 Credits**

This module will introduce students to the concept of research, types of research, research designs, research methodology, population and sampling procedures; types of research data, instrumentation, data collection methods and report writing procedures as they apply to educational research. It will also introduce the learners to the basic principles of research, qualitative and quantitative, and mixed methods research approaches will be introduced in this module. Research instruments will be explored to give the learners an appreciation of these instruments

BEAG 124 Introduction to Genetics & Biotechnology **12 Credits**

Cell division: mitosis and meiosis; Nucleic acids, replication and protein synthesis; Mendelian principles: segregation and independent assortment. Environmental effects and gene expression; Gene interaction and lethality; sex determination and sex linkage; Gene mutation and induced genetic change (biotechnology); Gene structure and regulation; and Population genetics, genetic biodiversity of agriculturally important plants and animals and conservation of genetic resources. Biological methods and techniques, tissue culture, embryo culture, anther and pollen culture, ovary and ovule culture, genetic engineering, transgenic organisms, in vitro horticulture.

BEAG 111 Soil Fertility & Conservation **12 Credits**

The module covers physical and chemical properties and processes in the soil, solution chemistry, how the mineral phase of the soil, organic matter, soil pH, and soil buffering capacity affect plant growth. Essential plants, macro and micro elements and those factors that affect the availability of the nutrients such as acidity, salinity and sodicity are also covered. Synergetic and antagonistic interactions of nutrients. The role of soil microorganisms and their influence on soil productivity and environmental quality. Importance of microbes in soil fertility, oxidation and reduction processes in soils. Students are expected to understand the types of synthetic fertilizers used worldwide. How to calculate fertilizer application rates and lime.

BEAG 122 Veld and Pasture Management **12 Credits**

Common grass species in Zimbabwe. Establishment of dry land and irrigated pastures. Principles of veld management are discussed. Veld management systems (economic, managerial and environmental considerations; grazing systems including split season; 1 herdn4 paddocks) veld improvement methods (bush control, legumes) Veld fire control. Integration of livestock and wildlife, Veld assessment, (including developing stock rates) silage and hay making.

BEAG 123 Animal Nutrition **12 Credits**

Sources of animal feed –veld, pastures, crops and crop residues, fodder and forage, supplementary feeds. Nutrients and the basic characteristics (nutritive value) of feeds – comparative digestion of feed and absorption of feedstuffs in ruminant and non-ruminants. Nutritive evaluation of e.g. the TDN systems, importance of feed digestibility and systems of describing energy value in different feed types. Mineral and vitamin nutrition – sources, function and deficiency symptoms of major and minor minerals; and water and fat soluble vitamins. The role of water in animal nutrition. How animals cope with nutritional stressing environments.

BEAG 121 Developmental and Educational Psychology **12 Credits**

The module introduces students to psychology and its application to teaching and the relevance of educational psychology to practicing teachers. There will be an overview of human growth and development with emphasis on the intellectual changes that take place, e.g. the work of Piaget and its implication for teaching and learning encompassing Brunner's work. Included will be adolescence and its challenges, moral development, Piaget and Kohlberg's work. Students will also be exposed to learning theories, classical and operant conditioning, social learning, cognitive and Gestalt view of learning, motivation and memory.

BEAG 213 Agriculture Engineering and Machinery **12 Credits**

Agriculture mechanization (merits and demerits). Various types of machines used in agriculture (harvesters, combines, drillers, ox drawn equipment etc.) Calibration, assembling and repairs. Machinery maintenance. Types of engines (two stroke, four stroke diesel, petrol, engines) Engine services and checks. Repair and assembly. Impact of mechanization on the environment.

BEAG 211 Teaching Methods in Agriculture **12 Credits**

The course focuses on innovative pedagogical approaches in subject areas that prepare educators to meet the demands of modern learners. It explores essential skills such as critical thinking, collaboration, communication and creativity, emphasizing the integration of technology and interactive learning methods. Key topics include project-based learning, flipped classrooms, differentiated instruction, and the use of digital tools to enhance engagement and facilitate personalized learning experiences. Students will analyze contemporary educational trends, engage in hands-on activities, and develop strategies to foster a dynamic learning environment that encourages student agency and adaptability. This course aims to educators with the skills necessary to effectively teach and inspire learners in the rapidly evolving educational landscape of the 21st century.

BEAG 212 Resource Management **12 Credits**

The module will cover systems approach to management, major motivating factors (values, goals, and standards). Ethics in management will be outlined. Resources: definition and classification of resources including natural resources such as water, air, fuels (wood, kerosene, petrol). Land and soil (solid waste management). Green covers resources and factors affecting utilization of resources. Environmental impact on resource use. Maximizing use and conservation of resources, resource conservation – importance and methods.

BERP 291 Research Project **24 Credits**

This module allows students to work intensively under individual supervision on a selected topic. Each student will have a one to one meeting with the supervisor. The module demands that the student exhibits some knowledge on topic selection, methodology, literature review, data presentation and analysis.

BEAG 221 Animal Production **12 Credits**

An overview of the factors which affect animal production (temperature, moisture, nutrition, disease) and the management practices used to minimize the adverse effects of these factors for: beef and dairy cattle and small ruminants. The problems and opportunities available in animal production. Enhancing animal production. Animal behavior and the application of behavioral knowledge to improve animal production systems. Designing housing facilities and management procedures to suit the behavior of the animals in question is also dealt with. The impact of animal production activities on the environment and the use of biotechnology in improving productivity. Cover major domesticated livestock; beef, dairy and small ruminants.

BEAG 214 Crop Production **12 Credits**

Basic climatic, agronomic and management requirements for the major crops will be studied. However, the following crops shall be discussed in ASCS 1(cereals, and cash crops e.g. cotton, tobacco, fodder and forage) in agriculture are given. Cultivar selection and planting strategies; weeds, pest and disease management; harvesting; storage and utilization of the crops are discussed. The general principles and practices involved in the production of seed of the various crops; and highlights of government legislation governing seed production of released varieties and hybrids are given. Students are enlightened on the use of biotechnology in crop production and the impact of crop production practices on the environment in general.

BEPC 130 Curriculum Innovation **12 Credits**

The course examines the complexities and challenges associated with curriculum development and implementation in educational settings. It explores topics such as curriculum design, alignment with national educational standards, and the role of stakeholders in the curriculum process. Students will analyze current trends, including the integration of technology, inclusivity, and multicultural perspectives, while addressing issues such as curriculum relevance, equity, and accessibility. Through case studies and critical discussions, participants will develop the skills needed to evaluate and adapt curricula to meet the diverse needs of learners. This course aims to prepare future educators to engage thoughtfully with curriculum issues, ensuring that educational programs are effective, inclusive, and responsive to societal changes

WRLE 200 Teaching Practice **24 Credits**

This is a period of teaching practice consisting of one school term of observation and participation in teaching under the supervision of experienced teachers. Students are expected to demonstrate proficiency in content subject areas, teaching methods, and classroom management. The performance of students on teaching practice will be evaluated by both the school and the University.

Bachelor of Science Education Honours in Biology

Name of Program	Bachelor of Science Education Honours in Biology
Duration	2 years
Minimum Credit Load	240
Maximum Credit Load	300
Maximum MBKS Credit Load	192
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry: Diploma in Education from accredited and recognized institution or equivalent.	✓
Special Entry: N/A	✓
Mature Entry: N/A	✓

Graduation Requirements

	Notional Credits
General Courses	108
Core Courses	192
Total	300

Intended Learning Outcomes

Holders of the BSc Education Honours in Biology will be able to:

- Use innovative technology-enhanced teaching strategies to implement the Biology curriculum
- Apply sound research and technological techniques when carrying out research in Biology education
- Monitor, assess and evaluate learners, learning processes, project and programs related to chemistry education.
- Analyze and exploit entrepreneurial opportunities to promote innovation and industrialization.
- Adapt to educational changes in their environments to promote innovation and industrialization
- Apply soft skills such as Ubuntu and critical thinking in both their professional and personal interactions
- Manage both personal and institutional finance

Program Assessment

Coursework	40 % (At least two assignments, One should be a project and in-class test, Quizzes, Presentations, Mid-semester, etc.)
Final Examinations	60 %

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 110 - 420	Convocations	20	0	0
ORIE 110	Orientation	20	0	0
AGWE 110 - 420	Work Education	40	0	0
Health and Physical Education				
HLED 125	Health Education	120	12	3
	Total	**120**	**12**	**3**

Languages and Communication				
HUMA 111	Communication Skills and Academic Writing	120	12	3
	Total	**120**	**12**	**3**
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	**120**	**12**	**3**
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
	Total	**240**	**24**	**6**
Departmental Courses				
BEPC 130	Curriculum Innovation	120	12	3
WRLE 200	Teaching Practice	240	24	6
	Total	**360**	**36**	**9**
	Grand Total	**1160**	**108**	**27**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
BEBI 100	Culture and Heritage Studies	120	12	3
BEBI 111	Biochemistry	120	12	3
BEBI 112	Diversity of Life I	120	12	3
BEMA 130	Entrepreneurship and Financial Management	120	12	3
BEBI 121	Diversity of Life II	120	12	3
BEBI 122	Plant Physiology	120	12	3
BEPC 129	ICT Applications in Education	120	12	3
BERM 190	Research Method and Statistics	120	12	3
BEBI 211	Biomathematics	120	12	3
BEBI 212	Advanced Pedagogics in Biology	120	12	3
BEBI 213	Ecology	120	12	3
BEBI 214	Animal Physiology	120	12	3
BEBI 221	Genetics	120	12	3
BEBI 222	Biotechnology	120	12	3
BERP 291	Research Project	120	24	6
	Total	**1920**	**192**	**48**
	Grand Total	**3080**	**300**	**75**

Program Schedules

Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Level I: Semester 1				
BEBI 100	Culture and Heritage Studies	120	12	3
BEBI 111	Biochemistry	120	12	3
BEBI 112	Diversity of Life I	120	12	3

BEBI	Entrepreneurship and Financial Management	120	12	3
HUMA 111	Communication Skills & Academic Writing	120	12	3
THEO 126	Christian Beliefs	120	12	3
CONV 110	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level I: Semester 2				
BEBI 121	Diversity of Life II	120	12	3
BEBI 122	Plant Physiology	120	12	3
BEPC 130	Curriculum Innovation	120	12	3
BEMA 129	ICT Applications in Education	120	12	3
BERM 190	Research Method and Statistics	120	12	3
HELD 115	Health Education	120	12	3
CONV 111	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level II: Semester 1				
BEBI 211	Biomathematics	120	12	3
BEBI 212	Advanced Pedagogics in Biology	120	12	3
BEBI 213	Ecology	120	12	3
BEBI 214	Animal Physiology	120	12	3
BIOL 420	Science of Origins	120	12	3
WRLE 200	Teaching Practice	240	24	6
CONV 111	Convocation	20	0	0
	Total	**860**	**84**	**21**

Level II: Semester 2				
THEO 216	Philosophy of Christian Education	120	12	3
BEBI 221	Genetics	120	12	3
BEBI 222	Biotechnology	120	12	3
BEBI 224	General Microbiology	120	12	3
BERP 291	Research Project	120	24	6
CONV 111	Convocation	20	0	0
	Total	**720**	**72**	**18**
	Grand Total	**3080**	**300**	**75**

Module Synopses

BEPC 129 Information Communication Technology Applications in Education 12 Credits

This module seeks to equip students with skills of improving learning and teaching through the use of various instructional media that include audio visual communication. The module will also familiarize students with different computer software including Ms Word, Ms Excel, Ms Access, PowerPoint and the Publisher. Upon completion of the module students should be able to design and use instructional media, create data bases and tables, query information from tables, open/close files and other tools

BEAG 100 Culture and Heritage Studies **12 Credits**

This module will introduce scholars to define terms of culture and heritage. The module will expose the learners to issues like civic education, spirituality, tangible and intangible Zimbabwean resources. History of Zimbabwe and its different ethnic groupings in different geographical locations. Learners would be challenged to be tolerant and enjoy the multicultural status of the nation.

BEBI 100 Culture and Heritage Studies **12 Credits**

This module will introduce scholars to definition terms of culture and heritage. The module will expose the learners to issues like civic education, spirituality, tangible and nontangible Zimbabwean resources. History of Zimbabwe and its different ethnic groupings in different geographical locations. Learners would be challenged to be tolerant and enjoy the multicultural status of the nation

BERM 190 Research Methods and Statistics **12 Credits**

The module will introduce the learners to the basic principles of research. Qualitative and Quantitative approaches to research will be used. Mixed methods research approach will be introduced in this module. Research instruments will be explored to give the learners an appreciation of these instrument

BEBI 111 Biochemistry **12 Credits**

Introduction to molecular structure of water, Water is a polar molecule Solvent properties of water Ionization of water, acids and bases Buffer selection, Amino acids and peptides Amino acids and proteins as acids and bases/ solving problems Protein structure Protein sequencing Analytical methods and techniques Enzyme kinetics Enzyme inhibition Carbohydrates Aldoses, ketoses, formation of hemiacetals Disaccharides, homopolysaccharides, heteroploysaccharides Glycolysis Gluconeogenesis, pentose phosphate pathway Aerobic metabolism Oxidative phosphorylation Antioxidant systems Lipids Fatty acids, triglycerides, neutral fats Phospholipids and cell membrane Steroids Lipid metabolism Health effect of lipids Nucleic acids DNA and RNA structures Gene expression Polymerases

BEBI 130 Entrepreneurship and Financial Management **12 Credits**

The courses give basics on how business is managed from a small scale to high scales. The module will expose the learners to various businesses models and financial management systems that can be used to start and sustain business projects. Marketing strategies will also form part of this module.

BERM 291Research Project **24 Credits**

In the final year of their studies students carry out a research in a subject related area. The research project enables the students to sharpen their research skills and at the same time apply the content learnt during the studies. Students present a research project proposal at fora, carry out experimental work, present the research results and finally write a thesis. At the end of the projects, students are expected to have acquired the research skills and learnt presentation and project proposal writing skills

BEBI 224 General Microbiology **12 Credits**

The course introduces students to microbes, their processes, interactions and the techniques scientists use to study them. It covers: the biology, diversity and function of microorganisms; comparative aspects of microbial growth and metabolism; microbial survival and control; action of antimicrobial agents. Practical aspects of microbiology, such as environmental, food and medical microbiology will also be introduced. Course includes, General characteristics of archaea, bacteria, fungi and viruses; Ubiquity of microorganisms; Roles of microorganisms in terrestrial and aquatic ecosystems, including nutrient cycling and symbiotic relationships; Microbial reproduction, including microbial genetics; Major industrial products produced by microbes; Basic physical and chemical methods for controlling microbial growth; Importance of aseptic technique and demonstrate aseptic technique in the laboratory; Basic microbiological laboratory methods such as culturing, staining and microscopic observation.

BEBI 211 Biomathematics **12 Credits**

The course extends the range of usage of mathematical models in biology, ecology and evolution. Biologically, the course looks at models in evolution, population genetics and biological invasions. Mathematically the course involves the application of multivariable calculus, ordinary differential equations, stochastic models and partial differential equations.

BEBI 122 Plant Physiology **12 Credits**

This course aims to give students a greater appreciation of the plant world we depend on and to stimulate student learning of basic concepts in plant and biological science provides an introduction to basic principles of plant function, primarily covering physical processes in plants, metabolism, secondary products, cell physiology, and introducing principles of growth and development. The course includes, Plant growth substances and mechanism behind their effects on cell and gene level, external factors controlling plant growth: light, temperature, gravitation: phototropism, photo morphogenesis, photo-periodism, verbalization, gravi-tropism: the biological clock. Photosynthesis: light absorbing pigments, light reaction, light quality, effects of UV light, oxidative stress, C3-, C4- and CAM metabolism, photo respiration. Metabolism: turnover of C, N, P, S, etc. ways of synthesis, free-living and symbiotic nitrogen-fixing organisms. Stress: defence mechanisms in plants, herbicides, secondary metabolites, effects of UV-B. The following is also treated: Transport and translocation mechanisms of water, ions and solutes, respiration, phloem transport, mycorrhiza relationship

BEBI 214 Animal Physiology **12 Credits**

This course will examine the function of tissues, organs, and organ systems, with an emphasis on the relationship between structure and function in animals. From the level of the cell, the course will dwell on bodily processes including respiration, circulation, digestion and excretion. In addition, the course will address how different organisms regulate these complex processes and how ion and fluid balance is maintained. We will also study the nervous system in the context of stimuli transmission, focusing on how the action potential is generated and propagated between neurones. Course includes Digestion; Circulation; Respiration; Excretion; Nervous control; Endocrinology. hormonal regulation: metabolism and appearance of hormones, effects on cell and gene level, mechanism behind the hormone effect; external factors controlling animal growth

BEBI 221 Genetics **12 Credits**

The course is designed to introduce students to classical genetics (the rules by which genes are transmitted), as well as molecular genetics (the structure of DNA and how it directs the structure of proteins). In this course students will have to solve work problems, think experimentally, and make decisions about the information they will have learned. Skills learned in this course will be broadly applicable in other disciplines. Course components include, Basics of the structure, and function of nucleic acids; Basics of DNA replication in prokaryotes and eukaryotes; Laws of heredity and how they can be used in basic and applied research; Genetic crosses; Nature of hereditary systems given the results of genetic crosses; How genes are packaged with proteins in the form of chromatin; Gene mapping and its significance, including how genes are mapped both genetically and physically; Gene variation occurs and how populations maintain or lose genetic diversity, including how selected mutagens change DNA sequences; Changes in chromosome structure and number and describe the significance of these changes; Genetic variation in populations as well as the factors which effect this variation; Genetics of populations change over time; Nature of continuously varying traits; Laboratory skills; Collection, analysis and presentation of scientific data

BEBI 213 Ecology **12 Credits**

This course will introduce students to ecosystem processes and functions; the soil, plants, animals, microorganisms and their interconnectedness. The main relationships and interactions between biotic and abiotic components of ecosystems will also be introduced. Course includes, Definitions of ecology and ecosystems, Major ecological zones of the world and the role of anthropogenic interference within natural ecological systems; Nature and scope of ecology; Levels of ecological organization: individuals, populations, communities and ecosystems; Population ecology; Community ecology; The ecosystem; Soil ecology; Human impacts on ecosystems.

WRLE 200 Teaching Practice **24 Credits**

This is a period of teaching practice consisting of one school term of observation and participation in teaching under the supervision of experienced teachers. Students are expected to demonstrate proficiency in content subject areas, teaching methods, and classroom management. The performance of students on teaching practice will be evaluated by both the school and the University.

BEBI 112 & BEBI 121 Diversity of Life I & II **12 Credits**

The course introduces students to diversity and evolution of life while providing a more specialized understanding of biology at the level of the organism. The course qualifies students for specialization in all fields of biology, including biodiversity, botany, zoology, and other life sciences and provides a sound science background for students wishing to pursue professional life science degrees or careers in teaching, government service or the private sector. Course includes Theories of evolution; Evolutionary processes through which biological diversity originates and is interrelated, Classification of organisms; Key families of organisms; Meaning and significance of biodiversity and current issues surrounding it, Complexity of organisms and the importance of physical organization and regulatory processes, and the Nature of interactions among organisms and between organisms and their biotic and abiotic environments.

BEBI 223 Educational Management **12 Credits**

The course deals with issues related to educational management as they affect teachers. It seeks to highlight and evaluate the role of different educational managers at different educational levels and their implications on the production of quality education. Content: • The meaning of educational management • Historical development of educational management • Theories of educational management • Types of educational management • Functions and implications of educational management • Organizational and administrative structures in education

BEBI 212 Advanced Pedagogics in Biology **12 Credits**

This course is designed to meet practical needs of in- service classroom biology teachers. The course focuses on innovative pedagogical approaches in subject areas that prepare educators to meet the demands of modern learners. It explores essential skills such as critical thinking, collaboration, communication and creativity, emphasizing the integration of technology and interactive learning methods. Key topics include practical work, project-based learning, flipped classrooms, differentiated instruction, and the use of digital tools to enhance engagement and facilitate personalized learning experiences. Students will analyze contemporary educational trends, engage in hands-on activities, and develop strategies to foster a dynamic learning environment that encourages student agency and adaptability. This course aims to educators with the skills necessary to effectively teach and inspire learners in the rapidly evolving educational landscape of the 21st century.

BEBI 222 Biotechnology **12 Credits**

Biotechnology engineering is a branch of applied biology and chemical engineering standards that includes the utilization of living things in technology, engineering, medicine, and various useful applications. It also includes genetic engineering as well as cell and tissue culture technologies. Biotechnology is an accumulation of consolidated technologies applied to living cells for production of a specific product or upgrading its quality. This might involve domestication of animals, cultivation of plants and improvements through breeding, artificial selection, and hybridization.

BEPC 130 Curriculum Innovation **12 Credits**

The course examines the complexities and challenges associated with curriculum development and implementation in educational settings. It explores topics such as curriculum design, alignment with national educational standards, and the role of stakeholders in the curriculum process. Students will analyze current trends, including the integration of technology, inclusivity, and multicultural perspectives, while addressing issues such as curriculum relevance, equity, and accessibility. Through case studies and critical discussions, participants will develop the skills needed to evaluate and adapt curricula to meet the diverse needs of learners. This course aims to prepare future educators to engage thoughtfully with curriculum issues, ensuring that educational programs are effective, inclusive, and responsive to societal changes

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"Biology is the study of complicated things that have the appearance of having been designed with a purpose."

Richard Dawkins

Bachelor of Education Honours in Business Studies

Name of Program	Bachelor of Education Honours in Business Studies
Duration	2 Years
Minimum Credit Load	240
Maximum Credit Load	300
Maximum MBKS Credit Load	192
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry: Diploma in Education with Business Studies, or equivalent, as a major course.	✓
Special Entry: N/A	✓
Mature Entry: N/A	✓

Graduation Requirements

	Notional Credits
General Courses	108
Core Courses	192
Total	300

Intended Learning Outcomes

Holders of the Bachelor of Education Honours in Business Studies will be able to:

- Use innovative technology-enhanced teaching strategies to implement the Business Studies curriculum in secondary schools;
- Apply sound research and technological techniques when carrying out research;
- Monitor, assess and evaluate learners, learning processes, project and programs related to business Studies education;
- Guide learners in developing creativity, problem solving, innovation, entrepreneurial and design skills in the field of Business Studies;
- Analyze and exploit entrepreneurial opportunities to promote innovation and industrialization;
- Adapt to educational changes in their environments to promote innovation and industrialization;
- Apply soft skills such as Ubuntu and critical thinking in both their professional and personal interactions;
- Manage both personal and institutional finances

Program Assessment

Coursework	40 % (Assignments, Quizzes, Presentations, Mid-semester Exams etc.)
Final Examinations	60 %

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 110 - 420	Convocations	20	0	0
ORIE 110	Orientation	20	0	0
AGWE 110 - 420	Work Education	40	0	0

Health and Physical Education				
HLED 125	Health Education	120	12	3
	Total	**120**	**12**	**3**
Languages and Communication				
HUMA 111	Communication Skills and Academic Writing	120	12	3
	Total	**120**	**12**	**3**
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	**120**	**12**	**3**
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
	Total	**240**	**24**	**6**
Departmental Courses				
BEPC 130	Curriculum Innovation	120	12	3
BEPC 133	Professional and Legal Issues in Education	120	12	3
WRLE 200	Teaching Practice	240	24	6
	Total	**480**	**48**	**9**
	Grand Total	**1160**	**108**	**27**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
BEBS 100	Culture and Heritage Studies	120	12	3
BEBS 111	Information Communication Technology	120	12	3
BEBS 112	Financial Accounting for Business I	120	12	3
BEBS 113	Principles of Management	120	12	3
BEBS 114	Business Communication	120	12	3
BEBS 121	Microeconomics	120	12	3
BEBS 122	Research Methods and Statistics	120	12	3
BEBS 123	Assessment and Evaluation Techniques	120	12	3
BEBS 124	Business Law	120	12	3
BEBS 211	Financial Accounting for Business II	120	12	3
BEBS 221	Methods of Teaching Business Studies	120	12	3
BEBS 213	Psychological Foundations of Education	120	12	3
BEBS 214	Macroeconomics	120	12	3
BEBS 221	Strategic Management	120	12	3
BERP 290	Research Project	240	24	6
	Total	**1920**	**192**	**48**

Grand Total	**3080**	**300**	**75**

Program Schedules

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
BEBS 100	Culture and Heritage Studies	120	12	3
BEBS 111	Information Communication Technology	120	12	3
BEBS 112	Financial Accounting for Business 1	120	12	3
BEBS 113	Principles of Management	120	12	3
BEBS 114	Business Communication	120	12	3
HUMA 111	Communication Skills and Academic Writing	120	12	3
CONV 111	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level I: Semester 2				
BEBS 121	Microeconomics	120	12	3
BEBS 122	Research Methods and Statistics	120	12	3
BEBS 123	Assessment and Evaluation Techniques	120	12	3
BEBS 124	Business Law	120	12	3
HLED 115	Health Education	40	12	3
BIOL 420	Science of Origins	120	12	3
CONV 112	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level II: Semester 1				
BEBS 211	Financial Accounting for Business II	120	12	3
BEBS 212	Methods of Teaching Business Studies	120	12	3
BEBS 213	Psychological Foundations of Education	120	12	3
BEBS 214	Macroeconomics	120	12	3
THEO 126	Christian Beliefs	120	12	3
WRLE 200	Teaching Practice	240	24	6
CONV 211	Convocation	20	0	0
	Total	**860**	**84**	**21**

Level II: Semester 2				
BEPC 133	Professional & Legal Issues in Education	120	12	3
BEBS 221	Strategic Management	120	12	3
BERP 290	Research Project	240	24	6

RELT 215	Philosophy of Christian Education	120	12	3
BEPC 130	Curriculum Innovation	120	12	3
CONV 212	Convocation	20	0	0
	Total	**740**	**72**	**18**
	Grand Total	**3120**	**300**	**75**

Module Synopses

BEBS 111 Financial Accounting for Business I **12 Credits**

This is the first module of a series of four financial accounting for business modules presented by the Department of Accounting to non- accounting students. The module is intended to develop the learners' awareness, skills and understanding of the principles of double entry book-keeping and how these principles are applied to produce the financial information required in business

BEBS 113 Principles of Management **12 Credits**

The module deals with the history and development of management thought, functions of management, organizational structure, decision making, globalization, leadership and motivation, controlling, budgetary and non-budgetary controls, change management

BEBI 100 Culture and Heritage Studies **12 Credits**

This module will introduce scholars to definition terms of culture and heritage. The module will expose the learners to issues like civic education, spirituality, tangible and nontangible Zimbabwean resources. History of Zimbabwe and its different ethnic groupings in different geographical locations. Learners would be challenged to be tolerant and enjoy the multicultural status of the nation

BEBS 121 Microeconomics **12 Credits**

The module covers the basic economic questions, scarcity and opportunity cost, partial equilibrium analysis of markets, introduction to consumer behaviour, productions costs – long run and short run, and price and output determination under different market structure; perfect competition, monopoly, monopolistic competition, and oligopoly,andthetheoryofdistributionandpricingoffactorsofproduction

BEBS 124 Business Law **12 Credits**

The module is an introduction to general principles of law and its interpretation, law of contract, sales, agency, negotiable instruments, insurance, partnership, law of derelict, insolvency and consumer protection The module gives a thorough grounding in the regulation of companies by law including statutes and case law. It covers knowledge of the application of statutory and other provisions including a grasp of the administration of companies, floatation of shares, etc.

BEBS 211 Financial Accounting for Business II **12 Credits**

The module intends to introduce students to the skills and knowledge which enables them to understand the preparation of financial statements of a partnership as well as introduce them to accounting by companies. The module further aims at equipping students with the understanding of the preparation of the statement of cashflows and analysis and interpretation of financial statements.

BEBS 214 Macroeconomics **12 Credits**

The module covers fundamental macro-economic ideas: definition of macroeconomics, major macroeconomic issues, national accounts, simple theory of national income distribution, national income in an open economy, changes in the demand side, the multiplier process, supply side equilibrium, role of money in macroeconomics, monetary policy, bank rate, open market operations, variable reserve ratios, moral suasion, international trade and balance of payment theories, foreign exchange markets.

BEPC 133 Professional and Legal Issues in Education **12 Credits**

This course provides an in-depth exploration of the professional and legal issues impacting education in Zimbabwe. It aims to equip future educators with the knowledge and skills necessary to navigate the complexities of the educational landscape; it will provide a thorough understanding of ethical, legal, technical and professional requirements which are critical to teaching as a career. The module provides a link between theory and practice and prepares students to accept and play meaningful roles both as student teachers.

BEBS 212 Methods of Teaching Business Studies **12 Credits**

The module is designed to expose students to strategies and techniques appropriate for effective teaching in management of business education to meet the demands of modern learners. It explores essential skills such as critical thinking, collaboration, communication and creativity, emphasizing the integration of technology and interactive learning methods. Key topics include project-based learning, flipped classrooms, differentiated instruction, and the use of digital tools to enhance engagement and facilitate personalized learning experiences. Students will analyze contemporary educational trends, engage in hands-on activities, and develop strategies to foster a dynamic learning environment that encourages student agency and adaptability. This course aims to educators with the skills necessary to effectively teach and inspire learners in the rapidly evolving educational landscape of the 21st century.

BERM 290 Research Methods and Statistics **12 Credits**

The core module seeks to expose students to an understanding of basic foundations of research paradigms that underpin the conduct of research that respects ethical issues. Students are expected to master t h e data collection and analysis techniques for both qualitative and quantitative research, which requires students to demonstrate also a mastery of descriptive and inferential statistics as skills they should employ in the conduct of supervised and independent research activities.

BEBS 111 Information Communication Technology **12 Credits**

This module guides students to critically and creatively apply concepts, principles, hardware and software associated with the infusion of information communication technology (ICT) in solving educational problems and meeting challenges in their roles as facilitators of learning. The module covers the fundamental concepts of computer and telecommunication uses in education. Its focus is on application of ICTs as tools and resources for teaching and learning

BEPC 130 Curriculum Innovation **12 Credits**

This module introduces students to the theory of curriculum. It explains the concept "curriculum", its elements, forces that shape it as well as the basic foundations of the curriculum. Students are exposed to the process of curriculum development guided by basic curriculum models, as well as modalities of dissemination associated with each model. Barriers to implementation, curriculum evaluation and the rationale for changing the curriculum are considered. Serving and prospective educational managers and leaders need to be knowledgeable about, spearhead, lead and monitor the development of curriculum in their schools or educational organizations.

BERM 291 Research Project **24 Credits**

Studentsdemonstrateresearchskillsthroughtheconductofsupervisedresearch and submit a dissertation for assessment and orally present and defend their dissertations.

BEBS 213 Psychological Foundations of Education 12 Credits

The module exposes students to nuances of Educational Psychology so that they can understand their learners' psychological development for informed and effective teaching.

WRLE 200 Teaching Practice **24 Credits**

This is a period of teaching practice consisting of one school term of observation and participation in teaching under the supervision of experienced teachers. Students are expected to demonstrate proficiency in content subject areas, teaching methods, and classroom management. The performance of students on teaching practice will be evaluated by both the school and the University.

BEBI 223 Educational Management **12 Credits**

The course deals with issues related to educational management as they affect teachers. It seeks to highlight and evaluate the role of different educational managers at different educational levels and their implications on the production of quality education. Content: • The meaning of educational management • Historical development of educational management • Theories of educational management • Types of educational management • Functions and implications of educational management • Organizational and administrative structures in education

Bachelor of Education Honours in Family and Religious Studies

Name of Program	Bachelor of Education Honours in Family and Religious Studies
Duration	2 years
Minimum Credit Load	240
Maximum Credit Load	300
Maximum MBKS Credit Load	192
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry: A Diploma in Education, or equivalent, with Religious Studies or Bible Knowledge as a major subject.	✓
Special Entry: N/A	✓
Mature Entry: Applicants should be 25 years and above and 5 years of experience in a relevant field. Five "O" level passes including English	✓

Graduation Requirements

	Notional Credits
General Courses	108
Core Courses	192
Total	300

Intended Learning Outcomes

A holder of the Bachelor of Education Honours in Family and Religious Studies degree will be able to:

- Use innovative technology-enhanced teaching strategies to implement the Family and Religious
- Studies curriculum in secondary schools;
- Apply sound research and technological techniques when carrying out research;
- Monitor, assess and evaluate learners, learning processes, project and programs related
- To Family and Religious Studies education;
- Guide learners in developing creativity, problem solving, innovation, entrepreneurial and design skills in the field of Family and Religious Studies field;
- Analyze and exploit entrepreneurial opportunities to promote innovation and industrialization;
- Adapt to educational changes in their environments to promote innovation and industrialization;
- Apply soft skills such as Ubuntu and critical thinking in both their professional and personal interactions;
- Manage both personal and institutional finances.

Program Assessment

Coursework	40% (Assignments, Quizzes, Presentations, Mid-semester Exams, etc.)
Final Examinations	60 %

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 111 - 412	Convocations	20	0	0
ORIE 110	Orientation	20	0	0

AGWE 111 - 112	Work Education	40	0	0
Computers				
INSY 101	Computer Concepts & Applications	120	12	3
	Total	**240**	**24**	**6**
Health and Physical Education				
HLED 115	Health Education	120	12	3
	Total	**120**	**12**	**3**
Languages and Communication				
HUMA 111	Communication Skills and Academic Writing	120	12	3
	Total	**120**	**12**	**3**
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	**120**	**12**	**3**
Religion and Philosophy				
THEO 106	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
	Total	**240**	**24**	**6**
Departmental Courses				
BEPC 133	Professional and Legal Issues in Education	120	12	3
WRLE 200	Teaching Practice	240	24	6
	Total	**360**	**36**	**9**
	Grand Total	**1180**	**108**	**27**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
BECH 100	Culture and Heritage Studies	120	12	3
BEFR 111	Introduction to the Old Testament	120	12	3
BEFR 112	Introduction to the Religious Studies and the Study of World Religions	120	12	3
BEPC 130	Curriculum Studies	120	12	3
BERM 290	Research Methods and Statics	120	12	3
BEFR 121	Introduction to African Traditional Religion	120	12	3
BEAE 130	Assessment and Evaluation Techniques	120	12	3
BEFR 122	Pauline Writings	120	12	3
BEFR 211	Religion and Gender	120	12	3
BEFR 213	Religion and Spiritual Wellbeing	120	12	3
BEFR 214	Methods of Teaching Family and Religious Studies	120	12	3
BEFR 221	Religion and Disability	120	12	3

BEFR 222	Religious perspectives on Sexuality, Marriage and the family	120	12	3
BEFR 223	Prophets and Prophetic Writings	120	12	3
BERP 291	Research Project	240	24	6
	Total	**1920**	**192**	**48**
	Grand Total	**3100**	**300**	**75**

Program Schedules

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
BEFR 129	Information Communication Technology	120	12	3
HUMA 111	Communication Skills & Academic Writing	120	12	3
BECH 100	Culture and Heritage Studies		120	12
BEFR 111	Introduction to the Old Testament	120	12	3
BEFR 112	Introduction to the Religious Studies and the Study of World Religions		120	12
BEFR 130	Curriculum Innovation	120	12	3
CONV 111	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level I: Semester 2				
BIOL 420	Science of Origins	120	12	3
THEO 126	Christian Beliefs	120	12	3
HLED 115	Health Education	120	12	3
BEFR 290	Research Methods and Statistics	120	12	3
BEFR 121	Introduction to African Traditional Religion	120	12	3
BEFR 122	Pauline Writings	120	12	3
CONV 112	Convocation	20	0	0
	Total	**760**	**72**	**18**

Level II: Semester 1				
BEFR 211	Religion and Gender	120	12	3
BEFR 212	Jesus & the New Testament	120	12	3
BEFR 213	Religion and Spiritual Wellbeing	120	12	3
BEFR 214	Methods of Teaching Family and Religious Studies	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
WRLE 200	Teaching Practice	240	24	6
CONV 211	Convocation	20	0	0
	Total	**860**	**84**	**21**

Level II: Semester 2

BEFR 221	Religion and Disability	120	12	3
BEFR 222	Religious Perspectives on Sexuality, Marriage and the family		12	3
BEFR 223	Prophets and Prophetic Writings	120	12	6
BEFR 224	Religion, Peace & Security	120	12	3
BERP 291	Research Project	240	24	3
CONV 212	Convocation	20	0	0
	Total	**740**	**72**	**18**
	Grand Total	**3100**	**300**	**75**

Module Synopses

BECH 100 Culture and Heritage Studies **12 Credits**

The module examines the concepts culture and cultural heritage. Emphasis will be placed on the values of social historical architectural or scientific significance which encompass historic heritage given to items and places that are significant to a people. Exploration of landscapes that contain cultural heritage for example those associated with knowledge, songs, stories, art objects and human remains will be carried out.

BERM 290 Research Methods and Statistics **12 Credits**

The core module seeks to expose students to an understanding of basic foundations of research paradigms that underpin the conduct of research that respects ethical issues. Students are expected to master the data collection and analysis techniques for both qualitative and quantitative research, which requires students to demonstrate also a mastery of descriptive and inferential statistics as skills they should employing the conduct of supervised and independent research activities.

BEFR 1Information Communication Technology **12 Credits**

This module guides students to critically and creatively apply concepts, principles, hardware and software associated with the infusion of information communication technology (ICT) in solving educational problems and meeting challenges in their roles as facilitators of learning. The module covers the fundamental concepts of computer and telecommunication uses in education. Its focus is on application of ICTs as tools and resources for teaching and learning.

BEPC 130 Curriculum Innovation **12 Credits**

This module introduces students to the theory of curriculum. It explains the concept "curriculum, "its elements, forces that shape it as well as the basic foundations of the curriculum. Students are exposed to the process of curriculum development guided by basic curriculum models, as well as modalities of dissemination associated with each model. Barriers to implementation, curriculum evaluation and the rationale for changing the curriculum are considered. Serving and prospective educational managers and leaders need to be knowledgeable about, spearhead, lead and monitor the development of curriculum in their schools or educational organizations.

BEAE 130 Assessment and Evaluation Techniques **12 Credits**

The module covers assessment and evaluation issues in education across all subject areas. The content of the module includes: analysis of the concepts evaluation, assessment and measurement in education; contemporary ideas on how to improve assessment and evaluation in schools; test designing; analysis of test results; national examinations and grading.

BERM 291 Research Project **24 Credits**

Studentsdemonstrateresearchskillsthroughtheconductofsupervisedresearch and submit a dissertation for assessment and orally present and defend their dissertations

BEFR 111 Introduction to the Old Testament **12 Credits**

The module introduces students to the study of the Old Testament; its social, religious and literary settings, including the canon of the Bible. The module focuses on equipping students with tools for biblical interpretation and ability to analyse relevant texts in the light contemporary religious development in Africa.

BEFR 121 Introduction to African Traditional Religions **12 Credits**

The module discusses the understanding and development of African Traditional Religions.

BEFR 122 Introduction to Religious Studies and World Religions **12 Credits**

The module examines the various theories and underlying concepts in the study of the beliefs and practices of such world religions as Religions of Africa, Christianity, Hinduism, Buddhism, Confucianism, Taoism, Judaism and Islam. This helps students to appreciate and understand other religions while getting to know their own religion better.

BEFR 122 Pauline Writings **12 Credits**

The module examines Pauline Literature in the context of marriage, enterprising, gender relations and politics

BEFR 212 Religion and Gender **12 Credits**

The module introduces focuses on gender concepts, theology of feminism as well as various roles and the status of women in Judaism, Christianity, and Islam and in the African context. Topics to be covered include the role of women, ordination of women, impact of education and urbanization, women's struggle for emancipation and participation in religious life.

BEFR 213 Religion and Disability **12 Credits**

The aim of the module is to introduce the study of Disability from a religious perspective. The module investigates how disability is interconnected with issues such as stigma, gender, social exclusion, social movements, globalization, war and conflict through skill-building, independent research, writing and presentations.

BEFR 222 Religious Perspective on Sexuality, Marriage and Family **12 Credits**

The module discusses and reflects on sexuality, marriage and family drawing examples from different religions while reflecting on contemporary writings. The module covers related subjects such as premarital sex, sexuality and human development, marriage preparation, homosexuality, pornography, polygamy or extramarital affairs, faithfulness, and divorce.

BEFR 224 Religion, Peace and Security **12 Credits**

The module looks at aspects of peace building, conflict transformation, post war reconstruction, mediation, rehabilitation, reconciliation and healing and people centred participatory development from the angle of four religions namely: Christianity, Indigenous, Islam and Judaism.

BEFR 214 Methods of Teaching Family and Religious Studies **12 Credits**

The module covers a variety of interactive Religious Studies teaching and learning strategies and builds awareness on requisite skills to acquire and develop resources which facilitate effective teaching and learning of the subject to meet the needs of the modern learner. It explores essential skills such as critical thinking, collaboration, communication and creativity, emphasizing the integration of technology and interactive learning methods. Key topics include project-based learning, flipped classrooms, differentiated instruction, and the use of digital tools to enhance engagement and facilitate personalized learning experiences. Students will analyze contemporary educational trends, engage in hands-on activities, and develop strategies to foster a dynamic learning environment that encourages student agency and adaptability. This course aims to educators with the skills necessary to effectively teach and inspire learners in the rapidly evolving educational landscape of the 21st century.

BEPC 130 Curriculum Innovation **12 Credits**

Concept curriculum, curriculum planning processes and content selection and organisation. Curriculum Implementation; Curriculum change and innovation and curriculum evaluation.

BEPC 123 Psychology of Education **12 Credits**

The module introduces students to psychological foundations of education, which requires exposure to theories of personality, cognitive, social and moral development of learners as well as theories of human learning. Other aspects include teaching learners with special needs, educational testing and measurement.

WRLE 200 Teaching Practice **24 Credits**

This is a period of teaching practice consisting of one term of observation and participation in teaching under the supervision of experienced teachers. Students are expected to demonstrate proficiency in content subject areas, teaching methods, and classroom management. The performance of students on Teaching Practice will be evaluated by both the school and the University.

BEPC 130 Philosophy of Education **12 Credits**

This module exposes students to an exploration of tenets of various schools of thought in philosophy and their contribution, Metaphysics and the theory of knowledge (Epistemology) as the foundation of education, freedom, authority and power in education, discipline and punishment, and equality of educational opportunity. The module considers ancient philosophers and their relevance to education such as Aristotle or Plato, 20th Century philosophers such as Dewey and Rousseau, contemporary philosophers and theories of education including Progressivism, Pragmatism, Reconstructionism and Socialism alongside education and national development issues.

BEPC 133 Professional and Legal Issues in Education **12 Credits**

This course provides an in-depth exploration of the professional and legal issues impacting education in Zimbabwe. It aims to equip future educators with the knowledge and skills necessary to navigate the complexities of the educational landscape; it will provide a thorough understanding of ethical, legal, technical and professional requirements which are critical to teaching as a career. The module provides a link between theory and practice and explores the complexities of teaching and learning, emphasizing the development of reflective practitioners who can critically analyze and improve their own practice.

Bachelor of Science Education Honours in Mathematics

Name of Program	Bachelor of Science Education Honours in Mathematics
Duration	2 years
Minimum Credit Load	240
Maximum Credit Load	300
Maximum MBKS Credit Load	8
ZNQF Level	192

Entry Requirements	**TICK**
Normal Entry: Diploma/certificate in Education or equivalent from an accredited and recognized institution.	✓
Special Entry: N/A	✓
Mature Entry: N/A	✓

Graduation Requirements

	Notional Credits
General Courses	108
Core Courses	192
Total	300

Intended Learning Outcomes

Holders of the BSc Ed Honours in Mathematics will be able to:

- Use innovative technology-enhanced teaching strategies to implement the Mathematics curriculum
- Apply sound research and technological techniques when carrying out research in Mathematics education
- Monitor, assess and evaluate learners, learning processes, project and programs related to mathematics education.
- Analyze and exploit entrepreneurial opportunities to promote innovation and industrialization.
- Adapt to educational changes in their environments to promote innovation and industrialization
- Apply soft skills such as Ubuntu and critical thinking in both their professional and personal interactions
- Manage both personal and institutional finances

Program Assessment

Coursework	40%(Each taught course shall be assessed through at least two (2) assignments one of which should be a project and an in-class test, Quizzes, Presentations, Mid-semester Exams, etc.)
Final Examinations	60 %

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 111 - 412	Convocations	20	0	0
ORIE 110	Orientation	20	0	0
AGWE 111 - 112	Work Education	40	0	0

Health and Physical Education				
HLED 115	Health Education	120	12	3
	Total	**120**	**12**	**3**
Languages and Communication				
HUMA 111	Communication Skills and Academic Writing	120	12	3
	Total	**120**	**12**	**3**
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	**120**	**12**	**3**
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
	Total	**240**	**24**	**6**
Departmental Courses				
BEPC 130	Curriculum Innovation	120	12	3
BEPC 134	Teaching Methods in Mathematics	120	12	3
WRLE	Teaching Practice	240	24	6
	Total	**480**	**48**	**12**
	Grand Total	**920**	**84**	**21**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
BEMA 129	ICT Applications in Education	120	12	3
BERM 190	Research Methods and Statistics	120	12	3
BEMA 100	Culture and Heritage Studies	120	12	3
BEMA 111	Calculus	120	12	3
BEMA112	Linear Mathematics	120	12	3
BEMA121	Ordinary and Partial Differential Equations	120	12	3
BEMA 130	Entrepreneurship and Financial Management	120	12	3
BEMA 122	Probability Theory and Statistics	120	12	3
BEMA 123	Numerical Methods	120	12	3
BEMA 211	Analysis	120	12	3
BEMA 212	Statistical Inference	120	12	3
BEMA 213	Mechanics	120	12	3
BEMA 221	Vector Calculus	120	12	3
BEMA 222	Algebra	120	12	3
BERP 291	Research Project	240	24	6
	Total	**1920**	**192**	**48**

Program Schedules

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
BEMA 129	ICT Applications in Education	120	12	3
BERM 190	Research Methods and Statistics	120	12	3
BEMA 100	Culture and Heritage Studies	120	12	3
BEMA 111	Calculus	120	12	3
BEMA 112	Linear Mathematics	120	12	3
HUMA 111	Communication Skills & Academic Writings	120	12	3
CONV 111	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level I: Semester 2				
BEMA121	Ordinary and Partial Differential Equations	120	12	3
BEMA 130	Entrepreneurship and Financial Management	120	12	3
BEMA 123	Probability Theory and Statistics	120	12	3
BEMA 124	Numerical Methods	120	12	3
THEO 126	Christian Beliefs	120	12	3
BEPC 130	Curriculum Innovation	120	12	3
CONV 111	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level II: Semester 1				
BEMA 211	Analysis	120	12	3
BEMA 212	Statistical Inference	120	12	3
BEMA 213	Mechanics	120	12	3
BIOL 420	Science of Origins	120	12	3
BEPC 134	Teaching Methods in Mathematics	120	12	3
WRLE 200	Teaching Practice	240	24	6
CONV 211	Convocation	20	0	0
	Total	**860**	**84**	**21**

Level II: Semester 2				
BEMA 221	Vector Calculus	120	12	3
BEMA 222	Algebra	120	12	3
BERP 291	Research Project	240	24	6
THEO 216	Philosophy of Christian Education	120	12	3
HLED 115	Health Education	120	12	3
CONV 212	Convocation	20	0	0
	Total	**740**	**72**	**18**
	Grand Total	**3100**	**300**	**75**

Module Synopses

BEMA 129 Information Communication Technology Applications in Education 12 Credits

This module seeks to equip students with skills of improving learning and teaching through the use of various instructional media that include audio visual communication. The module will also familiarize students with different computer software including Ms Word, Ms Excel, Ms Access, PowerPoint and the Publisher. Upon completion of the module students should be able to design and use instructional media, create data bases and tables, query information from tables, open/close files and directories, analyze students' performance using the Excel formulas and research from the internet.

BEMA 100 Culture and Heritage Studies 12 Credits

This module will introduce scholars to definition terms of culture and heritage. The module will expose the learners to issues like civic education, spirituality, tangible and nontangible Zimbabwean resources. History of Zimbabwe and its different ethnic groupings in different geographical locations. Learners would be challenged to be tolerant and enjoy the multicultural status of the nation.

BERM 290 Research Methods and Statistics 12 Credits

The module will introduce the learners to the basic principles of research. Qualitative and Quantitative approaches to research will be used. Mixed methods research approach will be introduced in this module. Research instruments will be explored to give the learners an appreciation of these instruments

BEMA 111 Calculus 12 Credits

- Algebraic and topological structure of the real number system; rigorous development of one-variable calculus.
- Functions; Definitions, types of a function, inequalities and modulus functions.
- Notion and graphs of a function.
- Definitions of sequences of real numbers, limit of a sequence, Cauchy convergence criterion.
- Continuous functions: Intuitive ideas of Limit of a function.
- Special limits: trigonometric. Theorems on limits, and properties of convergent sequences.
- Continuous functions; definition, conditions for continuity, Geometric representations.
- Differentiation, definition in terms of limits, relationship with continuity, rules and mean value theorems.
- detailed curve sketching and Taylor's Theorem
- Integration, definition, fundamental theorems of integral calculus, properties of the definite integral, and evaluation of improper integrals.
- Reduction formulae, derivation and application The course also covers the following concepts: Functions of Several Variables:- concept , domain and ranges, Examples of functions of several variables. Coordinate Systems. Overview of Quadric Surfaces, Conic Sections and Surfaces of Revolutions, Sketching and classification of quadric surfaces, Sketches of Functions of Several Variables. Functions of Several Variables:-level curves and surfaces Partial Derivatives, Taylor's polynomials, Critical Points, Langrange Multipliers. Basic Definitions, Dot products, Cross Products Scalar Triples
- Vector Equations of Lines and Planes, Distance of appoint from a line, Distance of a point from a plane, Parametric and Symmetric Equations of a line, Angles of intersection of lines and planes.
- Concept of Integration , Double Integration: concept and applications(areas and volumes, moment of inertia, Centre of mass of laminas
- Double Integration: Changing the order of integration, Changing of coordinate systems, Jaccobians
- Concept of Vector Functions, Definitions and Examples
- Sketching of Vector-Valued Functions
- Examples of Vector-Valued Functions and Applications.
- Vector- Valued Functions: limits, continuity and derivatives
- Triple Integrals and Applications
- Triple Integrals using spherical or cylindrical coordinates
- Integral Theorems (Stokes' theorem, Green's theorem, Divergence theorem)
- Verification of Integral theorems and the relationships

BEMA 112 Linear Mathematics **12 Credits**

The goal is to consolidate and extend knowledge and understanding of linear algebra, where linear algebra is a subject that grew out of business of solving systems of linear equations. By the end of the course students should be able to:

- Solve a system of linear equations.
- Define the determinant function and state and use the properties of determinants.
- Formulate systems of linear equations in terms of matrices, row and column operations.
- Define a vector space and use the related concepts to solve

Problems involving a system of linear equations.

BEMA 121 Ordinary and Partial Differential Equations **12 Credits**

The course will help students integrate and apply the underlying theory, solution procedures and computational aspects of differential equations. The students will model real life phenomena by means of differential equations. The course will provide students with various techniques for solving Ordinary Differential Equations. The students are presented with the basic ideas of the theory and illustrate them with a wealth of examples and applications.

The content covered include:

- Definitions and Classifications; Solutions of ODEs
- First and second order Differential Equations.
- Characteristic Equation; Euler-Cauchy Equations; Fundamental sets of Solutions; Principle of Superposition.
- Reduction of Order; methods of solving ODEs.
- Convergence Interval; Radius of Convergence
- Legendre's Equation; Frobenius Method
- Gamma and Bessel's functions, Sturm-Liouville Problems.
- nth Order Linear Differential Equations,
- Systems of Differential Equations
- Constant-Coefficient Systems; Phase Plane Method;
- Nonlinear systems; Autonomous systems; Equilibrium Solutions and Direction Fields.
- Qualitative Method for Non-Linear Systems.
- Boundary Value Problems; Euler's Method, Taylor Series Methods at her topics include An introduction to PDE; particular suitable for non- Math majors, physical examples of PDEs, method of characteristics, D'Alembert's formulation, maximum principles, heat kernels, Duhamel's principle, separation of variables, Fourier series, Harmonic functions, Bessel functions, spherical harmonics.

BEMA 122 Probability Theory and Statistics **12 Credits**

Theorem and Chebychev' Theorem, apply Chebychev's Theorem to solve problems in statistics, find the expectation and variance of a probability distribution using moments and probability generating functions, find expectation, covariance, and correlation for Bi-variate/ Joint distributions, apply the central limit theorem to solve problems in statistics and state and prove the central limit theorem. Probability of events/distributions and solve advanced problems involving probability of events/distributions.

BEMA 221 Vector Calculus **12 Credits**

The module helps students build a firm foundation in the theory of vector analysis. This will enable students to apply basic concepts, techniques and results to solve prescribed problems. They will develop strong mathematical skills which are relevant and useful in today's technologically advanced world. It will provide students with various techniques for solving mathematical problems involving vectors in the plane; vectors in space; lines and planes in space, vector algebra, differentiation and integration of vector-valued functions, integral theorems and tensor analysis.

BEMA 123 Numerical Methods **12 Credits**

The course introduces students to modern methods, techniques, and computational methods for solving problems in linear algebra, nonlinear equations, interpolation and approximation and integration. It will also involve the presentation of basic mathematical foundations of numerical methods and computing. Students will get a hands-on experience in solving problems and give useful scientific tools for scientist and engineers and others. Matlab software is of prime importance in this course.

BEMA 211 Analysis **12 Credits**

The course will help students build a firm foundation in the theory of real analysis and use definitions and logical reasoning to prove mathematical results or theorems. The students will develop strong analytical skills which are useful in students' day-to-day lives. It will provide students with various techniques for solving mathematical problems and prepare students for higher studies in mathematics and related fields. The concepts covered include:

- Introduction: Integers; Natural Numbers; Rational Numbers; Cut property of R. Rationals ; Cauchy Sequences of Rationals
- Real Numbers; Countable and Uncountable Sets; Countability of Rationals; Uncountability of Reals; Algebraic & Transcendental Numbers
- Real Number system as an Ordered Field; Axioms of a Field
- Consequences of Field Axioms; The Order Axiom; The Absolute Value Function
- The Real Number System as an Oredered Field; The Real Line; Supremum and Infimum
- Axiom of Completeness; The Archimedian
- Functions; Limit of a Function; Properties of Limits; Continuous Functions; Properties of Continuous Functions
- Geometric Interpretation of the Mean Value
- Refinement of a Partition; The Remain Integral
- Integral Functions; Uniform Continuity Theorem; Properties of the Riemann Integral
- Euclidean spaces; linear, geometrical and topological structure, inner product, compactness, Bolzano-Weiestrass Theorem, Continuity and uniform continuity of functions of several variables, and behaviour on compact sets. Differentiation of functions of several variables; partial differentiation.

Matrix representation of chain rule. Jacobians. Mean value theorem. Derivatives of high order. Taylor formula. Application to extrema. Inverse Function and Implicit Function theorems with proofs and application. Sequences and series of functions, uniform convergence and continuity, uniform convergence and integration, uniform convergence and differentiation. Power series. Abel theorem. Elementary functions and their properties. Improper integrals, integrals depending on a parameter, improper integrals depending on a parameter, differentiation of integrals. Multiple integrals. Line integral. Properties and applications. Green's formula.

BEMA 222 Algebra **12 Credits**

About the course Algebra is the language of modern mathematics which study abstract algebra. This course introduces students to that language through a study of groups, group actions, mappings, vector spaces, linear algebra, and the theory of fields. In abstract algebra, which is a broad division of mathematics, abstract algebra is the study of algebraic structures. Algebraic structures include groups, rings, fields, modules and algebras. It also involves associated homomorphisms of groups, rings and fields. The term abstract algebra was coined in the early 20th century

BEMA 212 Statistical Inference **12 Credits**

The course is an extension of MT303 Probability theory and Statistics which involves the process of using data analysis to deduce properties of an underlying probability distribution. It is assumed that the observed data set is sampled from a larger population. Inferential statistics can be contrasted with descriptive statistics. The content to be covered include:

- Point estimation
- Confidence interval
- Hypothesis Testing
- Statistical hypothesis testing
- Multiple measurement
- Statistics
- Polling
- The Sampling Distribution
- Sampling Distribution of Statistics
- Theoretical Distributions of Observations (Models) Approximation through numerical simulation

BEMA 213 Mechanics **12 Credits**

This course could be equally called Theoretical Mechanics. It takes students from elementary Particle Dynamos to Rigid Body Mechanics. It also takes into account the current interest in non-linear systems, at least as they rise in Newtonian Mechanics. The following concepts will be included: Kinematics: Vectors and Scalars, Vector algebra, Cartesian representation of vectors, moment of a Vector, Velocity and acceleration vectors, relative velocity, Constant and Variable acceleration, One dimensional motion and Projectiles. Frames of Reference and Newton's laws of motion: Types of frames of references, Translation and Rotation of frames of reference, examples of motion of material bodies in rotating frames, Earth as a rotating frame, Motion of a particle on the earth. Forces: Action at a distance, contact forces, friction, motion in a uniform force of field, free falling bodies. Elastic forces, Hooke's law, springs, andequilibrium of suspended bodies. Work, Energy and Momentum: Kinetic and Potential energy, Work done by a force, Conservative and non- conservative forces, Power and Kinetic energy- conservation of energy, momentum and conservation of momentum. Circular motion and Oscillatory motion: Motion in a circle, Simple Pendulum, Simple Harmonic Motion, Oscillations of conservative systems, Damped and Forced oscillations, large amplitude oscillations and conservation of momentum.

System of Particles: Discrete and Continuous systems of particles, A system of many particles, A system of connected particles, degrees of freedom, Centre of mass and centre of gravity, Momentum and angular particles, Kinetic energy and potential energy of a system of particles. Central Forces and Planetary Motion: Properties of central forces, particle dynamics in central force field, determination of the central force from the orbit, Kepler's laws of planetary motion, Newton's universal law of gravitation, motion in a universe square law force field, Orbits (elliptic, parabolic and hyperbolic orbits).

BEMA 130 Entrepreneurship and Financial Management in Education **12 Credits**

The courses give basics on how business is managed from a small scale to high scales. The module will expose the learners to various business models and financial management systems that can be used to start and sustain business projects. Marketing strategies will also form part of this module.

BERP 291 Research project **24 Credits**

This module allows students to work intensively under individual supervision on a selected topic. Each student will have a one to one meeting with the supervisor. The module demands that the student exhibits some knowledge on topic selection, methodology, literature review, data presentation and analysis.

BEPC 130 Curriculum Innovation **12 Credits**

Concept curriculum, curriculum planning processes and content selection and organisation. Curriculum Implementation; Curriculum change and innovation and curriculum evaluation

BEPC 132 Psychology of Education **12 Credits**

The module introduces students to psychological foundations of education, which requires exposure to theories of personality, cognitive, social and moral development of learners as well as theories of human learning. Other aspects include teaching learners with special needs, educational testing and measurement.

BEPC 131 Philosophy of Education **12 Credits**

This module exposes students to an exploration of tenets of various schools of thought in philosophy and their contribution, Metaphysics and the theory of knowledge (Epistemology) as the foundation of education, freedom, authority and power in education, discipline and punishment, and equality of educational opportunity. The module considers ancient philosophers and their relevance to education such as Aristotle or Plato, 20th Century philosophers such as Dewey and Rousseau, contemporary philosophers and theories of education including Progressivism, Pragmatism, Re-constructionism and Socialism alongside education and national development issues.

WRLE 200 Teaching Practice **24 Credits**

This is a period of teaching practice consisting of one term of observation and participation in teaching under the supervision of experienced teachers. Students are expected to demonstrate proficiency in content subject areas, teaching methods, and classroom management. The performance of students on Teaching Practice will be evaluated by both the school and the University.

BEPC 134 Teaching Methods in Mathematics **12 Credits**

The course focuses on innovative pedagogical approaches in Mathematics that prepare educators to meet the demands of modern learners. It explores essential skills such as critical thinking, collaboration, communication and creativity, emphasizing the integration of technology and interactive learning methods. Key topics include project-based learning, flipped classrooms, differentiated instruction, and the use of digital tools to enhance engagement and facilitate personalized learning experiences. Students will analyze contemporary educational trends, engage in hands-on activities, and develop strategies to foster a dynamic learning environment that encourages student agency and adaptability. This course aims to educators with the skills necessary to effectively teach and inspire learners in the rapidly evolving educational landscape of the 21st century.

Image by Freepik

Bachelor of Education Honours in Food Science and Nutrition (In-Service)

Name of Program	Bachelor of Education Honours in Food Science and Nutrition
Duration	2 Years
Minimum Credit Load	240
Maximum Credit Load	300
Maximum MBKS Credit Load	192
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry: Diploma in Education from accredited and recognized institutions or equivalent, in the specified subjects, five "O" level passes including English Language.	✓
Special Entry: N/A	✓
Mature Entry: N/A	✓

Graduation Requirements

	Notional Credits
General Courses	108
Core Courses	192
Total	300

Intended Learning Outcomes

Holders of the Bachelor of Education Honours in Food Science and Nutrition will be able to:

- Demonstrate an understanding nutritional concepts in Food Science and Nutrition
- Analyse the scientific concepts in Food Science and Nutrition
- Demonstrate an understanding of the human physiology.
- Explain the relationship between diet and health
- Show an understanding of skills used in food processing and production
- Demonstrate innovativeness in product development using different techniques.
- Apply skills in preserving Zimbabwean culture in Food Science and Nutrition
- Use innovative technology-enhanced teaching strategies to implement the Design and technology curriculum.
- Apply sound research and technological techniques when carrying out research.
- Analyse and exploit entrepreneurial opportunities to promote innovation and industrialisation.
- Adapt to educational changes in their environments to promote innovation and industrialisation.
- Apply soft skills such as Ubuntu and critical thinking in both their professional and personal interactions.

Program Assessment

Coursework :	40% (Assignments, Quizzes, Tests, Presentations, Mid semester Exams, Short projects, oral or other presentations)
Final Examinations:	60 % (Written Examination)
Other:	N/A

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				

CONV 111 - 412	Convocations	20	0	0
ORIE 110	Orientation	20	0	0
AGWE 111 - 112	Work Education	40	0	0
Health and Physical Education				
HLED 115	Health Education	120	12	3
	Total	**120**	**12**	**3**
Computers				
BEFS 111	ICT Applications in Education	120	12	3
	Total	120	12	3
Languages and Communication				
HUMA 111	Communication Skills and Academic Writing	120	12	3
	Total	**120**	**12**	**3**
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	**120**	**12**	**3**
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
	Total	**240**	**24**	**6**
Departmental Courses				
BEPC 130	Curriculum Innovation	120	12	3
WRLE 200	Teaching Practice	240	24	6
	Total	**360**	**36**	**9**
	Grand Total	**1160**	**108**	**27**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
HUMA 100	Culture and Heritage Studies	120	12	3
BERM 190	Research Methods and Statistics	120	12	3
BIOL 128	Anatomy and Physiology	120	12	3
CHEM 201	Organic Chemistry	120	12	3
BEFS 112	Human Nutrition and Metabolism	120	12	3
BEFS 121	Meal Management	120	12	3
BEFS 122	Food Microbiology	120	12	3
BEFS 123	Food Science & Technology	120	12	3
BEPC 134	Teaching Methods in Food Science & Nutrition	120	12	3
BEFS 211	Current Issues in Nutrition	120	12	3
BEFS 212	Therapeutic Nutrition	120	12	3
BEFS 221	Food Product Development	120	12	3
BEFS 222	Nutrition Education & Counseling	120	12	3
BEFS 230	Measurement & Evaluation	120	12	3
BERP 290	Research Project	240	24	6
	Total	**1920**	**192**	**48**

Grand Total	**3080**	**300**	**78**

Program Schedules

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
BECH 100	Culture and Heritage Studies	120	12	3
BIOL 128	Anatomy & Physiology	120	12	3
CHEM 201	Organic Chemistry	120	12	3
BEFS 111	ICT Applications in Education	120	12	3
BEFS 112	Human Nutrition and Metabolism	120	12	3
HUMA 111	Communication Skills & Academic Writing	120	12	3
CONV 111	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level I: Semester 2				
BERM 190	Research Methods& Statistics	120	12	3
BEFS 121	Meal Management	120	12	3
BEFS 122	Food Microbiology	120	12	3
BEFS 123	Food Science & Technology	120	12	3
BEPC 130	Curriculum Innovation	120	12	3
THEO 126	Christian Beliefs	120	12	3
CONV 112	Convocation	20	0	0
	Total	**720**	**72**	**18**

Level II: Semester 1				
BIOL 420	Science of Origin	120	12	3
BEPC 134	Teaching Methods in Food Science & Nutrition	120	12	3
BEFS 211	Current Issues in Nutrition	120	12	3
BEFS 212	Therapeutic Nutrition	120	12	3
BEFS 230	Measurement & Evaluation	120	12	3
WRLE 200	Teaching Practice	120	12	3
CONV 211	Convocation	20	0	0
	Total	**740**	**84**	**21**

Level II: Semester 2				
BEFS 221	Food Product Development	120	12	3
BEFS 222	Nutrition Education & Counseling	120	12	3
HLED 115	Health Education	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
BERP 290	Research Project	240	24	6
CONV 212	Convocation	20	0	0
	Total	**720**	**72**	**18**
	Grand Total	**3000**	**300**	**75**

Module Synopses

THEO 216 Philosophy of Christian Education **12 Credits**

The module is designed to equip participants with a teaching qualification. This is done through an exploration of the historical and philosophical foundations in the theory and practice of education. Key philosophical issues and concepts are introduced. This enables students to appreciate reflective approaches and arguments as well as applying these to educational problems and issues. Additionally this module fosters critical appreciation of major ideas in the history of educational thought.

BECH 100 Culture And Heritage Studies **12 Credits**

This module will introduce scholars to definition terms of culture and heritage. The module will expose the learners to issues like civic education, spirituality, tangible and nontangible Zimbabwean resources. History of Zimbabwe and its different ethnic groupings in different geographical locations. Learners would be challenged to be tolerant and enjoy the multicultural status of the nation.

BERM 190 Research Methods And Statistics **12 Credits**

The module will introduce the learners to the basic principles of research. Qualitative and Quantitative approaches to research will be used. Mixed methods research approach will be introduced in this module. Research instruments will be explored to give the learners an appreciation of these instruments

BIOL 128 Anatomy and Physiology **12 Credits**

The course is a detailed integrated study of human anatomy and physiology. Focus is on structural and functional relationships for correlation and coordination. The course covers organization of the human body, cells, tissues, skeletal and muscular systems, nervous and endocrine systems

HUMA 121 Communication Skills And Academic Writing **12 Credits**

This course covers the communication process, models of communication and kind of communication. It emphasizes both oral and written communication which includes speech preparation, interviews and business communication. An introduction to the basic principles of academic research and the research process. It also focuses on different levels of research, types of research methods, techniques of research writing, methods of finding information, basics in analysis and presentation of data, bibliography styles, mechanics and format choices required for organizing scholarly research papers.

BEFS 112 Human Nutrition and Metabolism **12 Credits**

This course is a study of basic nutrition information, the role of nutrition in maintaining health, and guidelines for evaluation of diet by the consumer. In-depth analysis of the pathways that integrates the metabolism of carbohydrates, protein and fat. It also investigates the role of nutrition in the development and exacerbation of chronic diseases, and under different exercise states. The course investigates the chemical properties of biomolecules, metabolic, biochemical and physiological processes related to nutrition from the cellular to the whole body.

BEFS 121 Meal Management **12 Credits**

This course provides theoretical information and laboratory experience in meal management. The course focuses on factors that impact meal patterns, functions of management as applied to meals, objectives of meal management, providing satisfying meals, management of time and energy as well as the provision of safe and sanitary food. The course will also discuss guidelines for food buying, menu planning for various types of meals and special functions.

BEFS 123 Food Science & Technology **12 Credits**

This is a study of chemical and physical properties of food that affect food handling, preparation, and preservation. Emphasis is on sanitation in relation to food science.

BEFS 211 Current Issues in Nutrition **12 Credits**

The course covers discussions on contemporary issues in nutrition and physical fitness, weight management, sports and nutrition. Issues in the food industry that include cost and demands of food innovations, nutritional content of food product, waste disposal, fast foods industry, genetically modified foods, and food donations will also be discussed so as to establish guidelines when addressing such issues.

BEFS 221 Food Product Development **12 Credits**

This is a study of research and development on new food products. The course will include an application of food technology, engineering, safety and packaging to develop a new food product from concept to pilot scale up. Students will be exposed to food processing plants. This course includes two credit hours of theory and one credit hour of lab each week.

BEFS 222 Nutrition Education & Counseling **12 Credits**

An in depth examination of learning theories, teaching methods, lesson plans and development of education materials will be covered. This course will accustom students with a variety of factors influencing eating habits of clients. Students will learn different methods and techniques of nutrition counseling and how to assist clients towards dietary behavior change based on theories and models of behavior change. The course will prepare students to deal with challenges that arise in dietary interventions with regards to client motivation and non-adherence to dietary guidelines and goals.

BEFS 212 Therapeutic Nutrition **12 Credits**

The course covers the role of diet and nutrition in the treatment of undernourishment, obesity, diabetes mellitus, obesity, hypoglycemia, hypertension, hyper-lipo-protein, anemia and coronary arteries. Appropriate practical assignments and case studies are assigned in order to practice the nutritional care process

BEPC 134 Teaching Methods in Food Science & Methods **12 Credits**

This course deals with the application of teaching principles and techniques in the presentation of Food Science and Nutrition content to meet the demands of the modern learners. It explores essential skills such as critical thinking, collaboration, communication and creativity, emphasizing the integration of technology and interactive learning methods. Key topics include project-based learning, flipped classrooms, differentiated instruction, and the use of digital tools to enhance engagement and facilitate personalized learning experiences. Students will analyze contemporary educational trends, engage in hands-on activities, and develop strategies to foster a dynamic learning environment that encourages student agency and adaptability. This course aims to educators with the skills necessary to effectively teach and inspire learners in the rapidly evolving educational landscape of the 21st century.

BEFS 230 Measurement & Evaluation **12 Credits**

This module is intended to introduce candidates to measurement and evaluation techniques used in a teaching learning situation. Key terms used in measurement and evaluation such validity, reliability and usability will be discussed. In addition, principles of test on construction, administration and scoring as well as item analysis will be covered.

THEO 126 Christian Beliefs **12 Credits**

An introductory course for general students who need background in religious studies. It focuses on the biblical themes of revelation, the Christian God, salvation, God's law, the covenants, the Sabbath, the sanctuary, the Church, and the Second Advent of Jesus Christ.

BERP 290 Research Project **24 Credits**

This module allows students to work intensively under individual supervision on a selected topic. Each student will have a one to one meeting with the supervisor. The module demands that the student exhibits some knowledge on topic selection, methodology, literature review, data presentation and analysis.

CHEM 201 Organic Chemistry **12 Credits**

This course/module looks at the molecular bonding and structure of organic compounds, organic reaction and their mechanisms as well as projection formulae configurations, aromatic chemistry and aromatic substitution reaction to organic actions under organic practicals. This course/module focuses on isolation of selected simple natural products from local plant materials introduction to organic spectroscopy. The module covers, formation of c-c bonds, physical properties and chemical reactions of unsaturated hydrocarbons, alkyl halides, alcohols, carbonyl compounds, carboxyl acids and derivatives and single aromatic compounds.

BEFS 122 Food Microbiology **12 Credits**

Students will be introduced to the microbial world and made aware of existing tools to explore it. Starting from a historical perspective, the central role that microbes play in health will be investigated. Aspects of taxonomic relationships, safe laboratory practice and general techniques in culturing, staining and quantification will be covered. The role of microorganisms in the spoilage of food. Food poisoning and food borne diseases. Modification of food through fermentation. Microbial examination of foods. Prevention of microbial contamination and growth of microorganisms in food. Environmental changes on microbial growth. Specifications and standards.

BEFS 111 ICT Application in Education **12 Credits**

This module seeks to equip students with skills of improving learning and teaching through the use of various instructional media that include audio visual communication. The module will also familiarize students with different computer software including Ms Word, Ms Excel, Ms Access, PowerPoint and the Publisher. Upon completion of the module students should be able to design and use instructional media, create data bases and tables, query information from tables, open/close files and directories, analyze students' performance using the Excel formulas and research from the internet.

BEFS 130 Curriculum Innovation **12 Credits**

This course focuses on curriculum theory and innovation. It seeks to aid learners with the strategies that may result in relevant curricula toward a productive 21st Century Education. Models and theories that inform the definition and process of curriculum development are highlighted. Attention is given to the application of theoretical and foundational principles to curriculum choices, design, construction, implementation, and evaluation. Course participants will engage in the critique and evaluation of the 21st Century Learners' characteristics as related to their educational needs. The course aims to prepare future educators to engage thoughtfully with curriculum issues, ensuring that educational programmes are effective, inclusive, and responsive to societal changes.

WRLE 200 Teaching Practice **24 Credits**

This is a period of teaching practice consisting of one term of observation and participation in teaching under the supervision of experienced teachers. Students are expected to demonstrate proficiency in content subject areas, teaching methods, and classroom management. The performance of students on Teaching Practice will be evaluated by both the school and the University

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"All our habits, tastes, and inclinations must be educated in harmony with the laws of life and health. By this means we may secure the very best physical conditions, and have mental clearness to discern between the evil and the good."

Ellen G. White;. Counsels on Diet and Foods

Bachelor of Education Honours in Food Science and Nutrition (Pre-Service)

Name of Program	Bachelor of Education Honours in Food Science and Nutrition
Duration	4 Years
Minimum Credit Load	480
Maximum Credit Load	540
Maximum MBKS Credit Load	384
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry: Applicants should have obtained a pass at 'A' level in Food and Nutrition, or equivalent, and one other A' level subject; plus passes in five 'O' Level subjects including Mathematics and English or their equivalents	✓
Special Entry: N/A	✓
Mature Entry: N/A	✓

Graduation Requirements

	Notional Credits
General Courses	108
Core Courses	384
Total	492

Intended Learning Outcomes

Holders of the Bachelor of Education Honours in Food Science and Nutrition will be able to:

- Use innovative technology-enhanced teaching strategies to implement the Food Science and Nutrition/Food Technology and Design curriculum at secondary school level;
- Apply sound research and technological techniques when carrying out research in Food Science and Nutrition education;
- Monitor, assess and evaluate learners, learning processes, project and programmes related to Food Technology and Nutrition education;
- Guide learners in developing critical thinking, problem solving, innovation, entrepreneurial and enterprise skills in the food technology field;
- Analyze and exploit entrepreneurial opportunities to promote innovation and industrialization;
- Adapt to educational changes in their environments to promote innovation and industrialization;
- Apply soft skills such as Ubuntu and critical thinking in both their professional and personal interactions;
- Manage both personal and institutional finances.

Program Assessment

Coursework :	40% (Assignments, Quizzes, Tests, Presentations, Mid semester Exams, Short projects, oral or other presentations)
Final Examinations:	60 % (Written Examination)
Teaching Practice	100%

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				

CONV 111 - 412	Convocations	20	0	0
ORIE 110	Orientation	20	0	0
AGWE 111 - 112	Work Education	40	0	0
	Total	**80**	**0**	**0**
Health and Physical Education				
HLED 115	Health Education	120	12	3
	Total	**120**	**12**	**3**
Computers				
BEFN 125	ICT Applications in Education	120	12	3
	Total	120	12	3
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	**120**	**12**	**3**
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
THEO 424	Church Heritage	40	0	0
	Total	**280**	**24**	**6**
Departmental Courses				
BEFN 223	Digital Technology in Education	120	12	3
CHEM 110	Organic Chemistry	120	12	3
BEFN 215	Teaching and Learning Skills and Micro-Teaching	120	12	3
BEFN 224	Financial Appreciation in Education	120	12	3
	Total	**360**	**36**	**9**
	Grand Total	**1080**	**108**	**27**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
HUMA 100	Culture and Heritage Studies.	120	12	3
BEFN 121	Sociology of Education	120	12	3
BEFN 120	Psychology of Education	120	12	3
BEFN 112	Philosophy of Education	120	12	3
BEFN 123	Understanding Curriculum	120	12	3
BEFN 114	Principles of Food Science	120	12	3
BEFN 110	Principles of Nutrition	120	12	3
BEFN 124	Human Nutrition	120	12	3
BEFN 122	Food Chemistry I	120	12	3
BEFN 210	Assessment and Evaluation Techniques	120	12	3
BEFN 211	Research Methods and Statistics	120	12	3
BEFN 212	Food Microbiology	120	12	3
BEFN 220	Introductory Food Laboratory	120	12	3
BEFN 221	Nutrition and Metabolism	120	12	3

BEFN 222	Methods of Teaching Food Science & Nutrition	120	12	3
WRLE 300	Teaching Practice	1200	120	30
BEFN 410	Introduction to School Administration	120	12	3
BEFN 420	Dissertation/Research Project	240	24	6
BEFN 411	Cereals, Fruits and vegetable Technology	120	12	3
BEFN 412	Food and Diet Analysis	120	12	3
BEFN 413	Food Safety and Sanitation	120	12	3
BEFN 421	Meats, Fats and Oils Technology	120	12	3
	Total	**3840**	**384**	**96**
	Grand Total	**4920**	**492**	**123**

Program Schedules

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
HUMA 100	Culture and Heritage Studies	120	12	3
BEFN 110	Principles of Nutrition	120	12	3
BEFN 112	Philosophy of Education	120	12	3
BEFN 113	Basic Communication Skills	120	12	3
BEFN 114	Principles of Food Science	120	12	3
CHEM 110	Organic Chemistry	120	12	3
ORIE 111	Orientation	20	0	0
CONV 110	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level I: Semester 2				
BEFN 120	Psychology of Education	120	12	3
BEFN 121	Sociology of Education	120	12	3
BEFN 122	Food Chemistry I	120	12	3
BEFN 123	Understanding Curriculum	120	12	3
BEFN 124	Human Nutrition	120	12	3
BEFN 125	ICT Applications in Education	120	12	3
CONV 120	Convocation	20	0	0
	Total	**720**	**72**	**18**

Level II: Semester 1				
BEFN 210	Assessment and Evaluation Techniques	240	24	6
BEFN 211	Research Methods and Statistics	120	12	3
BEFN 212	Food Microbiology	120	12	3
BEFN 213	Teaching and Learning Skills and Micro-Teaching	120	12	3
HLED 215	Health Education	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3

CONV 210	Convocation	20	0	0
	Total	**740**	**84**	**21**

Level II: Semester 2				
BEFN 220	Introductory Food Laboratory	120	12	3
BEFN 221	Nutrition and Metabolism	120	12	3
BEFN 222	Methods of Teaching Food Science and Technology	120	12	3
BEFN 223	Digital Technology in Education	120	12	3
BEFN 224	Financial Appreciation in Education	120	12	3
THEO 216	Christian Beliefs	120	12	3
CONV 220	Convocation	20	0	0
	Total	**720**	**72**	**18**

Level III: Semester 1 & 2				
WRLE 300	Teaching Practice	**1200**	**120**	**30**

Level IV: Semester 1				
BEFN 410	Introduction to School Administration	120	12	3
BEFN 411	Cereals, Fruits and vegetable Technology	120	12	3
BEFN 412	Food and Diet Analysis	120	12	3
BEFN 413	Food Safety and Sanitation	120	12	3
CONV 410	Convocation	20	0	0
	Total	**500**	**48**	**12**

Level IV: Semester 2				
BEFN 420	Dissertation/Research Project	240	24	6
BEFN 421	Meats, Fats and Oils Technology	120	12	3
BIOL 420	Science of Origins	120	12	3
THEO 424	Church Heritage	40	0	0
CONV 420	Convocation	20	0	0
	Total	**540**	**48**	**12**

Module Synopses

HUMA 100 Culture and Heritage Studies **12 Credits**

This module will introduce scholars to definition terms of culture and heritage. The module will expose the learners to issues like civic education, spirituality, tangible and nontangible Zimbabwean resources. History of Zimbabwe and its different ethnic groupings in different geographical locations. Learners would be challenged to be tolerant and enjoy the multicultural status of the nation.

BEFN 110 Principles of Nutrition **12 Credits**

Course focuses on the nutritive value of foods and metabolism of essential nutrients, as well as the application of principles of nutrition normal individuals throughout the life cycle.

BEFN 112 Philosophy of Education **12 Credits**

This module exposes students to an exploration of tenets of various schools of thought in philosophy contribution, Aristotle or Plato, 20th Century philosophers such as Dewey and Rousseau, contemporary and theories of education including Progressivism, Pragmatism, Re-constructionism and Socialism

BEFN 113 Basic Communication Skills **12 Credits**

The module is intended ideally for a one semester on academic and business communication skills, which meets for three (3) hours aimed at assisting students to achieve their full potential through equipping them with necessary communication skills essential for the university work experience

BEFN 114 Principles of Food Science **12 Credits**

The module focuses on scientific principles, historical perspective and current status of technology related to food consumption, safety, toxicology, processing and distribution.

CHEM 110 Organic Chemistry **12 Credits**

The module is designed to introduce food science students to basic organic chemistry concepts. The focus of carbon compounds, bonding, nomenclature, reaction mechanisms, stereo-chemistry, addition elimination reactions. There is need to have an in depth understanding of the chemistry of carbohydrates, proteins, lipids, free radicals and synthesis of natural and complex synthetic polymers

BEFN 120 Psychology of Education **12 Credits**

The module introduces psychological foundations of education, which require exposure to the cognitive, social and moral developments well as theories of human learning. Other aspects include with special needs, educational testing and measurement, and guidance and counseling

BEFN 121 Sociology of Education **12 Credits**

The module introduces the four main sociological perspectives and exposes them to sociological 'socialization' and 'social differentiation'. The interrelationships between the state and the education

BEFN 122 Food Chemistry I **12 Credits**

This module deals with the composition and properties of food and the chemical changes it undergoes under different environmental conditions. Topics include carbohydrates (classification, chemical reactions of carbonyl and hemiacetal groups; reaction of hydroxyl groups; starch, non-starch polysaccharides); Proteins (chemical properties of amino acids and peptides; functional properties, interactions of proteins with other food components, modification of functional properties, types of food proteins, liquids: (nomenclature and classification), triglycerides, fatty acids and their physical and properties, the chemistry of oil refining and the role of lipids in flavor development. Vitamins and Minerals, effect of processing on vitamins and minerals. Enzymatic browning in foods and industrial applications of enzymes. Water in food, water activity and shelf life of food. Natural food flavours, extraction methods and characterization. Pigments in food and their industrial applications. Additives in food processing and preservation. Their functions and safety. Safety and quality evaluation of additives. Various additives such as preservatives, antioxidants, emulsifiers, sequestrants, humectants, stabilizers with respect to chemistry, food uses and functions in formulations.

BEFN 123 Understanding Curriculum **12 Credits**

The module introduces perspectives on Curriculum Issues as they relate to curriculum design. Source for Curriculum, ideological and philosophical considerations, nature and structure of the curriculum development curriculum implementation strategies, and curriculum evaluation and measurement

BEFN 124 Human Nutrition **12 Credits**

This course is a study of basic nutrition information, the role of nutrition in maintaining health, and guidelines for evaluation of diet by the consumer.

BEFN 125 ICT Applications in Education **12 Credits**

This module seeks to equip students with skills of improving learning and teaching through the use of various instructional media that include audio visual communication. The module will also familiarize students with different computer software including Ms Word, Ms Excel, Ms Access, PowerPoint and the Publisher. Upon completion of the module students should be able to design and use instructional media, create data bases and tables, query information from tables, open/close files and directories, analyze students' performance using the Excel formulas and research from the internet.

BEFN 210 Assessment and Evaluation Techniques **12 Credits**

The module covers assessment and evaluation issues in education across all subject areas. The con includes: analysis of the concepts evaluation, assessment and measurement in education; contemporary to improve assessment and evaluation in schools; test designing; analysis of test results; national grading.

BEFN 211 Research Methods and Statistics **12 Credits**

The module explores the basic foundations of research, paradigms and ethical issues. It introduces them and analysis techniques for both qualitative and quantitative research, which requires a mastery of d inferential statistics as skills that are employed in the conduct of supervised and independent research

BEFN 212 Food Microbiology **12 Credits**

There is need to study the role of microorganisms in food production, distribution and storage. A better understanding of the influence food helps to maintain or improve the quality of food, avoid food borne illnesses and preserve food. Major topics should cover Micro Spoilage, contamination and Food Preservation, Food Fermentations, Food borne diseases and Food poisoning, Food safety. Practical app in food fermentation at laboratory level is covered.

BEFN 213 Teaching and Learning Skills and Micro-Teaching **12 Credits**

This is a practical module which introduces pre-service teachers to the practice of teaching. To interpreting syllabi into schemes of work and lesson plans; designing and using physical and elect learning media; peer-teaching as an induction into actual teaching; analysing recorded lessons; and schools

HLED 215 Health Education **12 Credits**

This course presents principles of personal and community health: it is designed to promote health as outlined by the Bible and the spirit of prophecy and backed by Evidence Based Medicine. It is designed to identify unhealthy behaviour and be able to correct them. The course also educates and motivates students to adopt a healthier lifestyle and extend more than all technological wonders of modern medicines. The focus is prevention of disease by learning how to take care of oneself, family, community and environment. The major objective of the Aerobic health and fitness course has been to provide knowledge, attitudes and strong motivation and practice instruction in the strong hope that each individual will make exercise a regular life practice.

THEO 216 Philosophy of Christian Education **12 Credits**

The module is designed to equip participants with a teaching qualification. This is done through an exploration of the historical and philosophical foundations in the theory and practice of education. Key philosophical issues and concepts are introduced. This enables students to appreciate reflective approaches and arguments as well as applying these to educational problems and issues. Additionally this module fosters critical appreciation of major ideas in the history of educational thought.

BEFN 220 Introductory Food Laboratory **12 Credits**

Application of food preparation principles and techniques in the preparation of standard food products; principles of food laboratory application in the planning and preparation of food.

BEFN 221 Nutrition and Metabolism **12 Credits**

The physico-biochemical properties of nutrients and their bio nutritional interrelationships at the cellular level. Carbohydrate, protein, and lipid metabolism and the role of vitamins and minerals in these products

BEFN 222 Methods of Teaching Food Science and Technology **12 Credits**

This course deals with the application of teaching principles and techniques in the presentation of Food Science and Nutrition content. Emphasis is on the teacher-in-training developing a repertoire of strategies that enhance a variety of learning outcomes in students. It explores essential skills such as critical thinking, collaboration, communication and creativity, emphasizing the integration of technology and interactive learning methods. Key topics include project-based learning, flipped classrooms, differentiated instruction, and the use of digital tools to enhance engagement and facilitate personalized learning experiences. Students will analyze contemporary educational trends, engage in hands-on activities, and develop strategies to foster a dynamic learning environment that encourages student agency and adaptability. This course aims to educators with the skills necessary to effectively teach and inspire learners in the rapidly evolving educational landscape of the 21st century.

BEFN 223 Digital Technology in Education **12 Credits**

The course aims to equip educators with the knowledge, skills, and strategies to effectively integrate digital tools and technologies into their teaching practices. These courses typically explore the use of various digital resources, promote critical thinking about their impact, and help educators develop pedagogical approaches that leverage technology for enhanced learning. The course also focuses on providing students with the necessary knowledge and abilities to effectively utilize and take advantage of digital tools and technology in today's society. This course focuses on the distinctive setting and specific requirements of Saudi Arabia. It provides an in-depth understanding of essential digital concepts, presents the latest and upcoming technologies, and examines their practical applications in many sectors such as government, business, and society. Students will get practical experience, develop analytical thinking skills, and comprehend the ethical implications linked to digital innovation.

BEFN 224 Financial Appreciation in Education **12 Credits**

The module introduces financial management practices including the double entry system, preparation and purpose financial statements, bank reconciliation statements, and budgeting and budgetary control as requirements of Treasury Instructions such as the School Services Fund, the General-Purpose Development Association Funds

THEO 106 Christian Beliefs **12 Credits**

An introductory course for general students who need background in religious studies. It focuses on the biblical themes of revelation, the Christian God, salvation, God's law, the covenants, the Sabbath, the sanctuary, the Church, and the Second Advent of Jesus Christ.

WRLE 300 Teaching Practice **120 Credits**

The modules are largely work-related learning. They should reflect and demonstrate a sound understand of the programme of study. The 301 component is the report that is produced by the student indicate learned at university has been matched with practice. Component 302 is the assessment by the lecturer assessed by school supervisors.

BEFN 410 Introduction to School Administration **12 Credits**

Students are introduced to the basics of school administration, viewing the School Heads office as the 'Heart' of the school with focus on public relations; the school and the community, admissions, welfare and discipline of pupils, the school budget and assets management, and supervision of educational personnel

BEFN 411 Cereals, Fruits and vegetable Technology **12 Credits**

The module reviews technologies for producing a wide range of cereal products taking into consideration the various components of cereal vitamins, carbohydrates and their roles in the quality of the final product such as texture, taste and nutritional value. There are also foods, processing technologies of cereal products and health effects of the cereal. Vegetables are plants or parts of plants that understanding of these vegetables ensures variety in diets and promotes nutritional benefits derived from the fruits and vegetables. The classification, composition and nutritional value of vegetables. The module also has an emphasis on pigments, organic acids, enzymes Processing techniques, chemical reactions, preservation methods and storage or post-harvest conditions are also covered.

BEFN 412 Food and Diet Analysis **12 Credits**

The module emphasis is on composition analysis of foods- biochemical and microbiological quality. The rational of analyzing foods, including physiological and psychological- sensory evaluation and their applicability to specific nature of a food product would be understand nutritional needs of individuals with regards to age, stage of growth, activities and food habits. The module should have requirements, RDAs, nutrition index of foods, food groups and diet planning. The students should be able to utilize food composition situations in dietary requirements. There should be an appreciation of nutria-genomics and nutria-genetics as well as the application of s analysis

BEFN 413 Food Safety and Sanitation **12 Credits**

The management of food safety to include the role of sampling, monitoring, audits and inspections. Practical application of the principle. There is emphasis on microbiological criteria, hygiene control measures and Codex Alimentarius.

BEFN 420 Dissertation/Research Project	**24 Credits**
The module demands a demonstration of research skills through the conduct of supervised independent submission of a dissertation for assessment. It requires an oral presentation to defend the dissertation	
BEFN 421 Meats, Fats and Oils Technology	**12 Credits**
Meat and meat products are essential components of a balanced diet. There is need to have a better understanding of the composition of different types of meat products. The processing of meat needs one to know the post mortem changes, ageing of meat, tenderizing module also narrows down to quality aspects such as cuts and grading of meat. The module is also designed to cover the basic common chemical reactions, physical properties and nutritional aspects. There is also an emphasis on sources of oils and fats, process methods	
BIOL 420 Science of Origins	**12 Credits**
This course considers various studies in the scientific explanation of origins in contrast with explanations derived from divine revelation. Selected critical approaches are examined and evaluated. The course is open to all students and is applicable to the General Education Requirement in natural sciences.	
THEO 424 Church Heritage	**0 Credits**
This is a course which draws from the mind and experiences of the SDA church pioneers Students learn from the lives of the church's pioneers, seeing their dedication and commitments, their sacrifices to advance the work of God on earth, edifying their own lives and choices as the children of God. Further, it develops the values of active involvement, sacrifices and care for the lost world, understanding their very roots; the foundation of their Christian life worthy of emulation.	

"The food you eat can be either the safest and most powerful form of medicine or the slowest form of poison."

Ann Wigmore

Bachelor of Design and Technology Education Honours in Clothing, Textiles and Fashion Design

Name of Program	Bachelor of Design and Technology Education Honours in Clothing, Textiles and Fashion Design
Duration	2 Years
Minimum Credit Load	240
Maximum Credit Load	300
Maximum MBKS Credit Load	192
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry: Diploma in Education from accredited and recognized institutions or equivalent, in the specified subjects, five "O" level passes including English Language and Mathematics.	✓
Special Entry: N/A	✓
Mature Entry: N/A	✓

Graduation Requirements

	Notional Credits
General Courses	108
Core Courses	192
Total	**300**

Intended Learning Outcomes

Holders of the Bachelor of Design and Technology Education Honours in Clothing, Textiles and Fashion Design will be able to:

- Use innovative technology-enhanced teaching strategies to implement the Design and technology curriculum.
- Apply sound research and technological techniques when carrying out research.
- Monitor, assess and evaluate learners, learning processes, projects and programs related to Design and Technology education.
- Analyze and exploit entrepreneurial opportunities to promote innovation and industrialization.
- Adapt to educational changes in their environments to promote innovation and industrialization.
- Apply soft skills such as Ubuntu and critical thinking in both their professional and personal interactions.
- Manage both personal and institutional finances.

Program Assessment

Coursework:	40% (Assignments, Quizzes, Tests, Presentations, Mid semester Exams, Short projects, oral or other presentations)
Final Examinations	60 % (Written Examination)
Other	N/A

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 111 - 412	Convocations	20	0	0
ORIE 110	Orientation	20	0	0

AGWE 111 - 112	Work Education	40	0	0
	Total	**80**	**0**	**0**
Health and Physical Education				
HLED 125	Health Education	120	12	3
	Total	**120**	**12**	**3**
Computers				
INSY 118	Introduction to Technology	120	12	3
	Total	240	12	3
Languages and Communication				
HUMA 111	Communication Skills & Academic Writing	120	12	3
	Total	120	12	3
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	**120**	**12**	**3**
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
THEO 424	Church Heritage	40	0	0
	Total	**240**	**24**	**6**
Departmental Courses				
BEPC 133	Professional and Legal Issues in Education	120	12	3
WRLE 200	Teaching Practice	240	24	6
	Total	**360**	**36**	**9**
	Grand Total	**1200**	**108**	**27**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
BECH 100	Culture and Heritage Studies.	120	12	3
BERM 190	Research Methods and Statistics.	120	12	3
BECT 111	Fibres, Yarns, Textile and Fabric Production	120	12	3
BECT 112	Textile and Fashion Modelling	120	12	3
BECT 121	Entrepreneurship and Financial Management	120	12	3
BECT 122	Preparation and Finishing Processes 1	120	12	3
BECT 123	Graphic Design	120	12	3
BEPC 130	Curriculum Innovation	120	12	3
BECT 211	Textile Design Techniques	120	12	3
BECT 212	Advanced Pedagogics in Clothing Textile and Fashion Design	120	12	3
BECT 213	Design Processes and Project	120	12	3
BECT 221	Life Style and Clothing Design	120	12	3
BECT 222	Educational Management	120	12	3

BECT 223	Principles of Marketing	120	12	3
BERP 291	Research Project	240	24	6
	Total	**1920**	**192**	**48**
	Grand Total	**3120**	**300**	**75**

Program Schedules

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
BECH 100	Culture and Heritage Studies	120	12	3
BERM 110	Research Methods and Statistics	120	12	3
BECT 111	Fibres, Yarns, Textile and Fabric Production	120	12	3
BECT 112	Textile and Fashion Modelling	120	12	3
HUMA 111	Communication Skills & Academic Writing	120	12	3
INSY 118	Introduction to Technology	120	12	3
CONV 111	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level I: Semester 2				
BECT121	Entrepreneurship and Financial Management	120	12	3
BECT 122	Preparation and Finishing Processes 1	120	12	3
BECT 123	Graphic Design	120	12	3
BEPC 130	Curriculum Innovation	120	12	3
BIOL 420	Science of Origins	120	12	3
HELD115	Health Education	120	12	3
CONV 112	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level II: Semester 1				
BECT 211	Textile Design Techniques	120	12	3
BECT 212	Advanced Pedagogics in Clothing Textile and Fashion Design	120	12	3
BECT 213	Design Processes and Project	120	12	3
BECT 214	Life Style and Clothing Design	120	12	3
THEO 126	Christian Beliefs	120	12	3
WRLE 200	Teaching Practice	240	24	6
CONV 211	Convocation	20	0	0
	Total	**860**	**84**	**21**

Level II: Semester 2				
BECT 221	Educational Management	120	12	3
BECT 222	Principles of Marketing	120	12	3

BEPC 133	Professional and Legal Issues in Education	120	12	3
BERP 290	Research Project	240	24	6
THEO 216	Philosophy of Christian Education	120	12	3
CONV 212	Convocation	20	0	0
	Total	**740**	**72**	**18**
	Grand Total	**3120**	**300**	**75**

Module Synopses

THEO 216 Philosophy of Christian Education **12 Credits**

A study of aims, principles, and theory of education with special reference to church related schools. The foundational concepts and principles of philosophical thoughts and schools as they relate to education are represented from historical, political, cultural, and religious viewpoints. The Seventh-day Adventist philosophy of education will be highlighted.

BECH 100 Culture and Heritage Studies **12 Credits**

This module will introduce scholars to define terms of culture and heritage. The module will expose the learners to issues like civic education, spirituality, tangible and intangible Zimbabwean resources. History of Zimbabwe and its different ethnic groupings in different geographical locations. Learners would be challenged to be tolerant and enjoy the multicultural status of the nation.

BERM 190 Research Methods and Statistics **12 Credits**

The module will introduce the learners to the basic principles of research. Qualitative and Quantitative approaches to research will be used. Mixed methods research approach will be introduced in this module. Research instruments will be explored to give the learners an appreciation of these instruments

HLED 115 Health Education **12 Credits**

This course presents principles of personal and community health: it is designed to promote health as outlined by the Bible and the spirit of prophecy and backed by Evidence Based Medicine. It is designed to identify unhealthy behaviour and be able to correct them. The course also educates and motivates students to adopt a healthier lifestyle and extend more than all technological wonders of modern medicines. The focus is prevention of disease by learning how to take care of oneself, family, community and environment. The major objective of the Aerobic health and fitness course has been to provide knowledge, attitudes and strong motivation and practice instruction in the strong hope that each individual will make exercise a regular life practice.

HUMA 111 Communication Skills and Academic Writing **12 Credits**

This course covers the communication process, models of communication and kind of communication. It emphasizes both oral and written communication which includes speech preparation, interviews and business communication. An introduction to the basic principles of academic research and the research process. It also focuses on different levels of research, types of research methods, techniques of research writing, methods of finding information, basics in analysis and presentation of data, bibliography styles, mechanics and format choices required for organizing scholarly research papers.

BECT 111 Fibres, Yarns, Textile and Fabric Production **12 Credits**

The module exposes students to classification of textile fibres;broad outline of production methods of the main man-made fibres; physical and behavioural characteristics. Fibres to Yarns, Fibres preparatory processes, carding, intermediate stage processing and spinning within the various systems. Filaments and their preparation; classification. Woven, knitted and nonwoven structures, their production, processes, design and analysis advances and future trends, selection of fabrics. Product design and development.

BECT 121 Textiles and Fashion **12 Credits**

The module outlines the textile design techniques; colour theory, colour media, colour separation. Exercises in designing textiles for fashion wear. History of costumes, fashion designs, art movements that influence fashion design. Images for fashion modelling, Fashion drawing, and pattern making using CAD/CAM, Clothing vs. fashion

BECT 121 Entrepreneurship and Financial Management **12 Credits**

The courses give basics on how business is managed from a small scale to high scales. The module will expose the learners to various business models and financial management systems that can be used to start and sustain business projects. Marketing strategies will also form part of this module.

BECT 122 Preparation and Finishing Processes **12 Credits**

The module focuses on finishing processes for various textile materials, application of finishes for enhancement and performance; product and garment after care-labeling, applied finishes selection of laundering processes. Preparation processes for various textile applications of colour, printing, fastness, principles of colouration.

BECT 123 Graphic Design **12 Credits**

The module looks at the nature and history of graphic Design, Computer graphics; 2-Dimensional and 3-Dimensional (2-D & 3-D) drawing in graphic design. Application of digital drawing and photography. Developing digital images, computer design software, tools in graphic design, Advertising designs and print media. Developing graphic products, magazines, packaging and posters. Software e.g. Corel draw, Publisher, Photoshop, and other software. Colour, texture and the human visual system.

BIOL 420 Science of Origins **12 Credits**

Studies in the scientific explanation of origins in contrast with explanations derived from divine revelation. Selected critical approaches are examined and evaluated. It is taught to all students and is applicable to the General Education Requirement in natural Sciences. A photocopy of a recent magazine or journal cutting and summary is required.

BECT 211 Textile Design Techniques **12 Credits**

The module focuses on a critical evaluation of African textiles designs and styles; fashion designs function and dress; Ornamentation, use of colour, embroidery, appliqué ornamentation. Equipment for ornamentation

BECT 212 Advanced Pedagogics in Clothing Textile and Fashion Design **12 Credits**

The purpose of the course is to reflect on real classroom situation in comparison to theoretical, perspective taken in methodology course on becoming Clothing Textile and Fashion Design teachers to meet the demands of modern learners. It explores essential skills such as critical thinking, collaboration, communication and creativity, emphasizing the integration of technology and interactive learning methods. Key topics include project-based learning, flipped classrooms, differentiated instruction, and the use of digital tools to enhance engagement and facilitate personalized learning experiences. Students will analyze contemporary educational trends, engage in hands-on activities, and develop strategies to foster a dynamic learning environment that encourages student agency and adaptability. This course aims to educators with the skills necessary to effectively teach and inspire learners in the rapidly evolving educational landscape of the 21st century.

BECT 213 Design Processes and Project **24 Credits**

The module exposes students to design process strategy in design; its application in identifying a need or opportunity leading to design brief, analysis, research, using research results in specifications. Generation and appraisal of design ideas. Modeling of ideas, Product development and planning. Realization. Testing and evaluation. Application of design project stages in solving an identified problem in a community leading to developing a solution which may be a service or artefact.

THEO 126 Christian Beliefs **12 Credits**

An introductory course for general students who need a background in religious studies. It focuses on the biblical themes of revelation, the Christian God, salvation, God's law, the covenants, the Sabbath, the sanctuary, the Church, and the Second Advent of Jesus Christ.

BECT 214 Lifestyle and Clothing Design **12 Credits**

The module outlines the People's lifestyles; the psychology of clothing, comfort in dress and clothing. Analysis and characteristics of sports and dress textiles and fabrics; sports
Fashion.

BECT 221 Educational Management	**12 Credits**
The course deals with issues related to educational management as they affect teachers. It seeks to highlight and evaluate the role of different educational managers at different educational levels and their implications on the production of quality education.	
BECT 222 Principles of Marketing	**12 Credits**
The module focuses on combining design skills, creative ability and analytical skills. Carry out market research and develop new products. Study consumer behaviour in selling and advertising design products. Design management and the role of competition in merchandising; visual, retail merchandising and their effects. Merchandising techniques. Sales, fashion shows, exhibition of designs.	
BEPC 130 Curriculum Innovation	**12 Credits**
This course focuses on curriculum theory and innovation. It seeks to aid learners with the strategies that may result in relevant curricula toward a productive 21st Century Education. Models and theories that inform the definition and process of curriculum development are highlighted. Attention is given to the application of theoretical and foundational principles to curriculum choices, design, construction, implementation, and evaluation. Course participants will engage in the critique and evaluation of the 21st Century Learners' characteristics as related to their educational needs. The course aims to prepare future educators to engage thoughtfully with curriculum issues, ensuring that educational programmes are effective, inclusive, and responsive to societal changes	
BEPC 133 Professional and Legal Issues in Education	**12 Credits**
This course provides an in-depth exploration of the professional and legal issues impacting education in Zimbabwe. It aims to equip future educators with the knowledge and skills necessary to navigate the complexities of the educational landscape; it will provide a thorough understanding of ethical, legal, technical and professional requirements which are critical to teaching as a career. The module provides a link between theory and practice and explores the complexities of teaching and learning, emphasizing the development of reflective practitioners who can critically analyze and improve their own practice.	
WRLE 200 Teaching Practice	**12 credits**
This is a period of teaching practice consisting of one semester of observation and participation in teaching under the supervision of experienced teachers in secondary schools. Students are expected to demonstrate proficiency in content subject areas, teaching methods, and classroom management. The performance of students on Teaching Practice will be evaluated by both the school and the University.	
BERP 290 Research Project	**24 Credits**
This module allows students to work intensively under individual supervision on a selected topic. Each student will have a one to one meeting with the supervisor. The module demands that the student exhibits some knowledge on topic selection, methodology, literature review, data presentation and analysis.	

"Good design is actually a lot harder to notice than poor design, in part because good designs fit our needs so well that the design is invisible".

Don Norman

Bachelor of Education Honours in English

Name of Program	Bachelor of Education Honours in English
Duration	2 Years
Minimum Credit Load	240
Maximum Credit Load	300
Maximum MBKS Credit Load	192
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry: Five (5) 'O' Level passes including English language and a Diploma/Certificate in Education in which English is a major subject.	✓
Special Entry: N/A	✓
Mature Entry: N/A	✓

Graduation Requirements

	Notional Credits
General Courses	108
Core Courses	192
Total	**300**

Intended Learning Outcomes

A holder of the B. Ed. Honours in English and Communication degree will be able to:

- Use innovative and technology-enhanced teaching strategies to implement the curriculum
- Apply sound research techniques to produce publishable researches
- Monitor, assess and evaluate learners, learning processes, project and programs
- Analyze and exploit entrepreneurial opportunities to promote innovation and industrialization
- Adapt to educational changes in their environments to promote innovation and industrialization
- Apply soft skills such as Ubuntu and critical thinking in their everyday interactions
- Manage both personal and institutional finances

Program Assessment

Coursework:	40 % (: Each taught course shall be assessed through at least two (2) assignments one of which should be a project and an in-class test, Quizzes, Presentations, Mid Semester Exams, etc.)
Final Examinations	60 %
Other	N/A

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 111 - 412	Convocations	20	0	0
ORIE 111	Orientation	20	0	0
AGWE 111 - 112	Work Education	40	0	0
	Total	**80**	**0**	**0**
Health and Physical Education				
HLED 125	Health Education	120	12	3

	Total	**120**	**12**	**3**
Languages and Communication				
HUMA 111	Communication Skills & Academic Writing	120	12	3
	Total	120	12	3
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	**120**	**12**	**3**
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
THEO 424	Church Heritage	40	0	0
	Total	**280**	**24**	**6**
Departmental Courses				
BEPC 130	Curriculum Innovation	120	12	3
BEPC 134	Educational Management	120	12	3
WRLE 200	Teaching Practice	240	24	6
	Total	**480**	**48**	**12**
	Grand total	**1200**	**108**	**27**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
BECH 100	Culture and Heritage Studies	120	12	3
BELE 111	Semantics in English	120	12	3
BELE 112	Language Learning and Acquisition	120	12	3
BERM 190	Research Methods and Statistics	120	12	3
BELE 121	Ideologies and Concepts in African Literature	120	12	3
BELE 122	African American Caribbean Literature	120	12	3
BELE 123	Literature and Criticism	120	12	3
BELE 211	Methods of Teaching Language and Communication	120	12	3
BELE 212	Language Change Development	120	12	3
BELE 213	Zimbabwe Literature in English	120	12	3
BELE 215	Curriculum Innovation	120	12	3
BELE 221	Gender Issues in Literature	120	12	3
BELE 220	Development and Educational Psychology	120	12	3
BERP 291	Research Project	240	24	6
	Total	**1800**	**180**	**44**
	Grand Total	**3000**	**300**	**71**

Program Schedules

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
BELE 110	Culture and Heritage Studies	120	12	3
INSY 118	Introduction to Technology	120	12	3
HUMA 111	Communication Skills and Academic writing	120	12	3
BELE 111	Semantics in English	120	12	3
BELE 112	Language Learning and Acquisition	120	12	3
BERM 190	Research Methods & Statistics	120	12	3
CONV 111	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level I: Semester 2				
THEO 126	Christian Beliefs	120	12	3
HELD 125	Health Education	120	12	3
BELE 120	Measurement and Evaluation	120	12	3
BELE 121	Ideologies & Concepts of African Literature	120	12	3
BELE 122	African, American & Caribbean Literature	120	12	3
BELE 123	Literature and Criticism	120	12	3
CONV 122	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level II: Semester 1				
THEO 216	Philosophy of Christian Education	120	12	3
BELE 211	Methods of Teaching English & Communication	120	12	3
BELE 212	Language Change and Development	120	12	3
BELE 213	Zimbabwe Literature in English	120	12	3
BEPC 130	Curriculum Innovation	120	12	3
WRLE 200	Teaching Practice	120	12	2
CONV 211	Convocation	20	0	0
	Total	**860**	**84**	**21**

Level II: Semester 2				
BIOL 420	Science of Origin	120	12	3
BELE 221	Gender Issues in Literature	120	12	3
BELE 220	Development & Educational Psychology	120	12	3
BEPC 134	Educational Management	120	120	3
BERP 221	Research Project	240	120	6
CONV 222	Convocation	20	0	0

Total	**740**	**72**	**18**
Grand Total	**3000**	**300**	**71**

Module Synopses

BECH 100 Culture And Heritage Studies **12 Credits**

This module will introduce scholars to define terms of culture and heritage. The module will expose the learners to issues like civic education, spirituality, tangible and intangible Zimbabwean resources. History of Zimbabwe and its different ethnic groupings in different geographical locations. Learners would be challenged to be tolerant and enjoy the multicultural status of the nation.

BERM 190 Research Methods and Statistics **12 Credits**

The module will introduce the learners to the basic principles of research. Qualitative and Quantitative approaches to research will be used. Mixed methods research approach will be introduced in this module research instruments will be explored to give the learners an appreciation of these instruments

BELE 120 Measurement and Evaluation in Education **12 Credits**

The aim is intended to introduce candidates to the assessment and evaluation techniques using assessment and evaluation models as they apply to educational programs. Students will explore principles of test contribution, administration, scoring, item analysis and technical adequacy from both theoretical and practical perspectives. Candidates are also expected to evaluate the current situation in the schools in the assessment and evaluation section with a view to identifying opportunities for change.

BELE 121 Ideologies and Concepts of African Literature **12 Credits**

This module seeks to develop in students an appreciation of argumentations in the development of African Literature relating them to the History of Africa. The module will also cover the development of African Literature from its beginning in orature to the written texts. Texts will therefore be studied in relation to History and intellectual thought. They will be studied in a chronological order alongside the writings of intellectual thinkers at each Historical period. The module sees literature and its development as governed by Historical, socio-economic and political realities. Students will be required to demonstrate a thorough dialectical materialist understanding of History and ideas.

BELE 122 African, American and Caribbean Literature **12 Credits**

The distinguishing features of these two literary varieties are discussed, compared and contrasted. This module seeks to describe and situate the literature within the context of its History, geography, intellectual and cultural struggles. The module focuses intensely on the critical and salient aspects of African – American and Caribbean consciousness which distinguish it from any other literature of the Black Diaspora. Students will explore and criticize how writers of Caribbean literature respond to Caribbean conditions of slavery, colonialism and its neo- colonial legacy and how the tradition of resistance informs writer's conception of History and struggle.

BELE 123 Literature and Criticism **12 Credits**

The module seeks to examine both Eurocentric and Afrocentric theoretical approaches to the study and criticism of literary texts propounded over the years. Representative texts will be cited for study and theoretical application.

BELE 211 Methods of Teaching English & Communication **12 Credits**

An application of teaching principles to the presentation of specific subject matter will be done. Emphasis is on the development of a repertoire of strategies that enhance a variety of intended learning outcomes in students. Emphasis will also be placed on developing content specific instructional objectives, strategies and materials for teaching and methods of evaluation.

BELE 213 Zimbabwe Literature in English **12 Credits**

The module focuses on Zimbabwe literature, its form and concerns. The selected texts are generally in tandem with the Zimbabwean schools literature syllabus. As such selection of related books will help equip the student for analysis of what motivates this writing.

BELE 212 Language Change and Development **12 Credits**

In this module we survey different kinds of language evolution and change, their causes and the methods linguists use to analyze language change and to model the relationships between and among dialects and languages. Special emphasis is put on the role of linguistic variation and of external influences (e.g. social context, writing systems, contact with other speakers, contact with other cultures, self- and group-imposed ideologies and attitudes, etc.) in the Historical development of languages and in bringing about linguistic differentiation and diversity. Counteracting forces of convergence through contact and of standardization are examined as well.

BERM 190 Research Methods and Statistics **12 Credits**

This module seeks to empower students with research techniques and statistical analysis tools. Students will be introduced to various types of research as well as research methodologies including qualitative and quantitative research designs. The module aims to produce a student that can contribute meaningfully to educational research.

BEPC 130 Curriculum Innovation **12 Credits**

This module deals with basic knowledge of curriculum planning, development, implementation, evaluation as well as change and innovation. The topics to be covered include; the concept curriculum, elements of the curriculum, foundations of the curriculum, curriculum planning models, curriculum development process, curriculum design, curriculum implementation models and strategies, curriculum change and innovation and curriculum evaluation. The module aims at producing professionals who will contribute meaningfully to curriculum design and development.

BELE 220 Developmental and Educational Psychology **12 Credits**

The module explores and critically analyzes psychological theories and their application to teaching and learning. Students will be exposed to learning theories, classical and operant conditioning, social learning, cognitive and Gestalt views of learning and motivation.

BELE 221 Gender Issues in Literature **12 Credits**

The module emphasizes the way in which literature explores gender relations. Questions of femaleness and maleness will receive equal attention since there has been a significant shift within the field of feminist criticism. There has in short been a move from studying women in literature to studying gender. Previously attention tended to fall only on women writers; the presentation of women and Historical construction of femaleness while questions of maleness and masculinity received little attention and remained invisible.

BELE 212 Language Learning and Acquisition **12 Credits**

Students are introduced to the fields of language acquisition. The module explores the universal processes and stages that govern first language acquisition within a multilingual context. It requires students to describe and analyse the emerging language of children in formal terms and how children learn to communicate with language.

BELE 111 Semantics in English **12 Credits**

This module introduces some basic approaches to the study, although semantics and pragmatics at the clausal level and above will be addressed in regard to how lexical semantics is integrated in larger units. The general theme running through the module is how best to describe meaning in human language. Theoretical topics covered include categorization; construal; acquisition of concepts; metaphor; blending; metonymy; compositionality; mental spaces; lexical semantic change. Various semantic domains will be examined in connection with these topics, e.g. colour terms, kinship, dimensional terms, verb meaning; but two domains will be treated in depth from various perspectives: the semantics of everyday concepts, and the semantics of space and motion.

BERP 291 Research Project **24 Credits**

Students work intensively and under individual supervision on a carefully defined topic. Students would have one-on-one meetings with supervisors. The module covers writing and submitting of research projects based on the following concepts; introduction to the study, literature review, research design and methodology, presentation and analysis of research findings, conclusions and recommendations.

WRLE 200 TEACHING PRACTICE **24 Credits**

This is a period of teaching practice consisting of one semester of observation and participation in teaching under the supervision of experienced teachers in secondary schools. Students are expected to demonstrate proficiency in content subject areas, teaching methods, and classroom management. The performance of students on Teaching Practice will be evaluated by both the school and the University.

"At every turn the social obligation which the advantages of a college education impose must be stressed: too often have we preached the monetary value of a college education; too widely have we bred the conviction that the training is advantageous because it enables the individual to get ahead; too insidiously have we spread the doctrine that the college opens up avenues to the exploitation of less capable men. Higher education involves higher responsibility . . . ; this cardinal truth must be impressed upon every recipient of its advantages. In season and out of season, social service, and not individual advancement, must be made the motif of college training."

George R. Knight, Philosophy & Education: An Introduction in Christian Perspective

Bachelor of Education Honours in Early Childhood Development (Pre-Service)

Name of Program	Bachelor of Education Honours in Early Childhood Development (Pre- Service)
Duration	4 Years
Minimum Credit Load	480
Maximum Credit Load	540
Maximum MBKS Credit Load	384
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry: At least two passes at ' A' Level and 5 "O" level passes including English, mathematics and Science	✓
Special Entry: N/A	✓
Mature Entry: N/A	✓

Graduation Requirements

	Notional Credits
General Courses	96
Core Courses	384
Total	480

Intended Learning Outcomes

Holders of the Bachelor of Education Honours in Early Childhood Development (Pre- Service) will be able to:

- Soft Skills Unhu/Ubuntu, Critical Thinking
- Research and Technological Competencies
- Demonstrate Mastery of Subject Content competencies
- Versatility and ability to adapt to changes taking place
- To analyse and exploit entrepreneurial opportunities in education
- Construct creative learning environment
- Ability to utilize cultural heritage for social economic development
- Capacity to effectively communicate using national and other language
- Ability to manage finances
- Ability to develop innovative curricular
- Capacity to monitor, assess and evaluate learners, learning processes, project and programs

Program Assessment

Coursework :	40 %(Assignments, in-class test, Quizzes Presentations, Mid Semester Exams, Practical work)
Final Examinations:	60 %
Teaching Practice:	Teaching Practice: 8 - 12 months of teaching in a school setting. Assessment done through Teaching Practice mentor, school administration and the University Assessor. Constitute 100%

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**

Behavior Development				
CONV 111 - 412	Convocations	20	0	0
ORIE 110	Orientation	20	0	0
AGWE 111 - 112	Work Education	40	0	0
	Total	**80**	**0**	**0**
Health and Physical Education				
HLED 115	Health Education	120	12	3
	Total	**120**	**12**	**3**
Computers				
BEFN 125	ICT Applications in Education	120	12	3
	Total	120	12	3
Languages and Communication				
HUMA 111	**Communication Skills & Academic Writing**	120	12	3
	Total	120	12	3
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	**120**	**12**	**3**
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
THEO 424	Church Heritage	40	0	0
	Total	**280**	**24**	**6**
Departmental Courses				
ECDP 224	Play as a Process of Learning in Early Childhood Development	120	12	3
ECDP 223	Early Childhood Development Curriculum	120	12	3
	Total	**240**	**24**	**6**
	Grand Total	**1040**	**96**	**24**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
BERM 190	Research Methods and Statistics	120	12	3
ECDP 100	Culture and Heritage studies	120	12	3
ECDP 111	Health and Life skills Education in ECD	120	12	3
ECDP 112	Psychological foundations in ECD	120	12	3
ECDP 121	Historical foundations of ECD	120	12	3
ECDP 122	Philosophical foundations in ECD	120	12	3
ECDP 123	Sociological foundations in ECD	120	12	3
ECDP 124	Theories Of Childhood Development and learning in Early Childhood 1	120	12	3

ECDP 125	Introduction to child development in traditional and contemporary societies	120	12	3
ECDP 211	Health Safety and Nutrition in ECD	120	12	3
ECDP 212	Mathematics and Science in ECD	120	12	3
ECDP 213	Language Arts in ECD	120	12	3
ECDP 214	Professional studies in ECD	120	12	3
ECDP 221	Planning, Teaching and Assessment in ECD	120	12	3
ECDP 222	Music and Movement in ECD	120	12	3
ECDP 411	Art Education in ECD	120	12	3
ECDP 412	Special Needs and Inclusive Education in ECD	120	12	3
BERP 421	Research Project	240	24	6
ECDP 421	Theories of Childhood Development and learning in ECD	120	12	3
ECDP 413	Managing ECD Settings	120	12	3
ECDP 422	Physical Education in ECD	120	12	3
ECDP 310	Pre-school Internship	600	60	15
ECDP 320	Infant school Internship	600	60	15
	Total	**3840**	**384**	**96**
	Grand Total	**4880**	**480**	**120**

Program Schedules

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
BERM 110	Research Methods and Statistics	120	12	3
ECDP 110	Culture and Heritage studies	120	12	3
ECDP 111	Health and Life skills Education in ECD	120	12	3
ECDP 111	Psychological foundations in ECD	120	12	3
HUMA 111	Communication Skills and Academic writing	120	12	3
INSY 118	Introduction to Technology	120	12	3
CONV 111	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level I: Semester 2				
ECDP 121	Historical foundations of ECD	120	12	3
ECDP 122	Philosophical foundations in ECD	120	12	3
ECDP 123	Sociological foundations in ECD	120	12	3
ECDP 124	Theories Of Childhood Development and learning in Early Childhood 1	120	12	3

ECDP125	Introduction to child development in traditional and contemporary societies	120	12	3
BIOL 420	Science of Origins	120	12	3
CONV 122	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level II: Semester 1				
ECDP 211	Health Safety and Nutrition in Early Childhood Development	120	12	3
ECDP 212	Mathematics and Science in Early Childhood Development	120	12	3
ECDP 213	Language Arts In Early Childhood Development	120	12	3
ECDP 214	Professional studies in Early Childhood	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
AGWE 212	Work Education	40	0	0
CONV 211	Convocation	20	0	0
	Total	**660**	**60**	**15**

Level II: Semester 2				
ECDP 221	Planning, Teaching and Assess-ment in ECD	120	12	3
ECDP 223	ECD Curriculum	120	12	3
ECDP 224	Play as a Process of Learning in ECD	120	12	3
ECDP 222	Music and Movement in ECD	120	12	3
THEO 126	Christian Beliefs	120	12	3
CONV 222	Convocation	20	0	0
	Total	**620**	**60**	**15**

Level III: Semester 1 & 2				
ECDP 310	Pre-school Internship	600	60	15
ECDP 320	Infant school Internship	600	60	15
	Total	**1200**	**120**	**30**

Level IV: Semester 1				
ECDP 411	Art Education	120	12	3
ECDP 412	Special Needs and Inclusive Education in Early Childhood Development	120	12	3
ECDP 413	Managing ECD Settings	120	12	3
HELD 125	Health Education	120	12	3
CONV 411	Convocation	20	0	0
	Total	**500**	**48**	**12**

Level IV: Semester 2				
ECDP 421	Theories of Childhood Development and learning in Early Childhood	120	12	3
ECDP422	Physical Education in Early Childhood	120	12	3
BERP 421	Research Project	240	24	6
CONV 421	Convocation	20	0	0
	Total	**620**	**60**	**12**
	Grand Total	**5700**	**480**	**120**

Module Synopses

HLED 125 Health Education **12 Credits**

This course presents principles of personal and community health: it is designed to promote health as outlined by the Bible and the spirit of prophecy and backed by Evidence Based Medicine. It is designed to identify unhealthy behaviour and be able to correct them. The course also educates and motivates students to adopt a healthier lifestyle and extend more than all technological wonders of modern medicines. The focus is prevention of disease by learning how to take care of oneself, family, community and environment. The major objective of the Aerobic health and fitness course has been to provide knowledge, attitudes and strong motivation and practice instruction in the strong hope that each individual will make exercise a regular life practice.

HUMA 111 Communication Skills and Academic Writing **12 Credits**

This course covers the communication process, models of communication and kind of communication. It emphasizes both oral and written communication which includes speech preparation, interviews and business communication. An introduction to the basic principles of academic research and the research process. It also focuses on different levels of research, types of research methods, techniques of research writing, methods of finding information, basics in analysis and presentation of data, bibliography styles, mechanics and format choices required for organizing scholarly research papers.

BIOL 420 Science of Origins **12 Credits**

Studies in the scientific explanation of origins in contrast with explanations derived from divine revelation. Selected critical approaches are examined and evaluated. It is taught to all students and is applicable to the General Education Requirement in natural Sciences. A photocopy of a recent magazine or journal cutting and summary is required.

THEO 126 Christian Beliefs **12 Credits**

An introductory course for general students who need a background in religious studies. It focuses on the biblical themes of revelation, the Christian God, salvation, God's law, the covenants, the Sabbath, the sanctuary, the Church, and the Second Advent of Jesus Christ.

THEO 216 Philosophy of Christian Education **12 Credits**

A study of aims, principles, and theory of education with special reference to church related schools. The foundational concepts and principles of philosophical thoughts and schools as they relate to education are represented from historical, political, cultural, and religious viewpoints. The Seventh-day Adventist philosophy of education will be highlighted.

BERM 110 Research Methods and Statistics **12 Credits**

This module seeks to provide the students with skills in identifying and Stating problems in education as well as collecting, analyzing and interpreting qualitative and quantitative data. Emphasis in the module is on statistical reasoning within the context of designing, producing and reading research papers rather than merely accurate, out-of-context statistical computations. In light of this, research methods topics are, as much as possible, infused with relevant statistical processes. However, in order to mirror the organization of the final examination, the course is clearly divided into

ECDP 110 Culture and Heritage Studies **12 Credits**

The module examines the concepts of culture and heritage as they relate to innovation and industrialization. Emphasis will be placed on the values of social, historical, architectural or scientific significance which encompass historic heritage given to items and places that are significant to a people. Exploration of landscapes that contain cultural heritage for example those associated with knowledge, songs, stories art objects and human remains will be carried out

ECDP 111 Health and Life Skills Education in ECD **12 Credits**

The module is designed to equip students with knowledge and skills on how to manage life problems in learning environments and society in general. It further equips students with survival skills.

ECDP 112 Psychological Foundations in ECD **12 Credits**

The module is designed to equip students with requisite knowledge of Selected psychological paradigms, theories and processes that will enable them to comprehend possible implications and applications in teaching

ECDP 121 Historical Foundations of ECD **12 Credits**

Historical foundations of Early Childhood Development are a module that tracks the development of early childhood education. The module exposes students to the historical perspectives and trends in early childhood education.

ECDP 122 Philosophical Foundations in ECD **12 Credits**

This module serves to introduce In-service students to the philosophical base upon which ECD is founded. An examination of the different schools of philosophy and how these influence educational practice in general and early childhood education in
particular forms the base of the interactive process where the class operates as a community of inquiry

ECDP 123 Sociological Foundations in ECD **12 Credits**

This course introduces students to the foundations and development of Sociology and sociology of education. The course aims to apply sociological insights, methods and discipline to the study of educational and social problems that are of concern to Early Childhood Development. An endeavor would be made to promote discussion on topical social and educational issues. The context of the course is largely the Zimbabwean society though reference to foreign education systems will be encouraged. An analysis of the major sociological perspectives will be undertaken with emphasis on their application to early Childhood Development

ECDP 124 Theories Child Development and Learning in ECD 1 **12 Credits**

The course is designed for post 'A' level students who have enrolled for a pre-service Bachelor of Education degree program in Early childhood Development. The course intends to provide students with appropriate theoretical knowledge which informs the physical, cognitive, social, emotional and moral development of young children.

ECDP Play as a Process of Learning in ECD **12 Credits**

The module reviews the concept play and the role of play in child development and learning. The course also aims to engage students to undertake an intensive study of theories of play, functions of play and issues on learning and development through play.

ECDP 211 Health, Safety and Nutrition in ECD **12 Credits**

The module reviews current concepts and issues in the field of health, and nutrition and their relationship to the growth and development of the young child. The module is also intended to help students to assist young children to develop good habits and attitudes, and to assume

ECDP 212 Mathematics and Science in ECD **12 Credits**

Mathematics and Science Education in Early Childhood Development is a module designed for students to undertake an in-depth study of philosophical considerations, theoretical perspectives and pedagogical issues in Science and Mathematics in Early Childhood Development. The course aims at equipping students with skills on how to teach environmental science and mathematics competently at Early

ECDP 224 Play as a Process of Learning in Early Childhood Development **12 Credits**

The module reviews the concept play and the role of play in child development and learning. The course also aims to engage students to undertake an intensive study of theories of play, functions of play and issues on learning and development through play.

ECDP 213 Language Arts in ECD **12 Credits**

The module enables students to engage in an in-depth study of language acquisition theories, understand the concept language and how young children master receptive and expressive language skills. The course also enables students to design child-centred language arts environments (centres/classrooms) and engage in developmentally appropriate practice.

ECDP 214 Professional Studies in ECD **12 Credits**

This module is intended to provide useful insights to students with regards to their professional development and growth. The module will provide a thorough understanding of ethical, legal, technical and professional requirements which are critical to teaching as a career. The module provides a link between theory and practice and prepares students to accept and play meaningful roles both as student teachers and as

ECDP 223 Early Childhood Development Curriculum **12 Credits**

The module equips students with skills in planning, developing and applying early childhood curriculum in the different early childhood development sub- sections. It focuses on some of the following: developmental issues, routines and transitions in care giving, curriculum activities, environmental designs, equipment and materials, and working with parents.

ECDP 221 Planning, Teaching and Assessment in ECD **12 Credits**

This module develops planning, teaching and assessment skills to construct creative learning environments, as well as familiarize them with processes inherent in good teaching.

ECDP 222 Music and Movement in ECD **12 Credits**

This module exposes students to traditional and contemporary music and dances as well as develops skills to compose, read and interpret musical notes. It also helps students to develop interpersonal skills, creativity and innovation.

ECDP 310 Preschool Internship **60 Credits**

This is a practical module where students are attached to preschools and apply theory to practice. It exposes students to the dynamics of preschool education, planning and assessment, as well as the capacity to monitor, assess and evaluate learners.

ECDP 320 Infant School Internship **60 Credits**

This is a practical module where students are attached to infant grades and apply theory to practice. It exposes students to the dynamics of infant education, planning and assessment, as well as the capacity to monitor, assess and evaluate learners.

ECDP 413 Managing Early Childhood Settings **12 Credits**

Managing Early Childhood Settings is a module which serves to induct students to the issues and responsibilities related to the administration of quality early childhood settings. The module enables students to explore theoretical and practical issues in the administration of early childhood settings, as well as develop leadership and interpersonal skills, tolerance and integrity.

ECDP 411 Art Education in ECD **12 Credits**

The module enables students to understand the concept art and its elements. It enables students to understand the value of art and develop, design, create, innovate various works of art. As a practical module, it engages students in experiential learning which produces artifacts and products.

ECDP 412 Special Needs & Inclusive Education in Early Childhood Development **12 Credits**

This module is intended to develop students' understanding of policy issues in the provision of inclusive education in ECD. It further enables them to identify, assess, include and manage children with diverse needs

ECDP 421 Theories of Child Development and Learning in Early Childhood 2 **12 Credits**

This module further exposes students to theories of child development and learning as well as those that explain contexts where the development takes place and the influence of such contexts on the development of children within the age range of 0-8 years. The module also intends to provide students with appropriate indigenous and western theoretical knowledge which informs development of young children in the different domains.

ECDP 422 Physical Education in Early Childhood Development	**12 Credits**
The module equips students with theoretical and practical essentials of Physical education. It will also empower them to effectively teach physical education at ECD level to develop sustainable healthy lifestyles. As a practical module, it engages students in experiential learning which produces sportsmen with entrepreneurship.	
BERP 421 Research Project	**24 Credits**
The module provides a platform for students to engage in pragmatic research that aims to solve national challenges.	
ECDP 223 Early Childhood Development Curriculum	**12 Credits**
The module equips students with skills in planning, developing and applying early childhood curriculum in the different early childhood development sub- sections. It focuses on some of the following: developmental issues, routines and transitions in care giving, curriculum activities, environmental designs, equipment and materials, and working with parents.	

Image by Freepik

Bachelor of Education Honours in Early Childhood Development (In-Service)

Name of Program	Bachelor of Education Honours in Early Childhood Development (In-Service)
Duration	2 Years
Minimum Credit Load	240
Maximum Credit Load	300
Maximum MBKS Credit Load	192
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry: A diploma /certificate in Education from accredited and recognized institution or equivalent	✓
Special Entry: N/A	✓
Mature Entry: N/A	✓

Graduation Requirements

	Notional Credits
General Courses	60
Core Courses	192
Total	**252**

Intended Learning Outcomes

A holder of the B. Ed. Honours in English and Communication degree will be able to:

- ***Soft Skills*** -Unhu/Ubuntu, Critical Thinking
- Research and Technological Competencies
- Demonstrate Mastery of Subject Content competencies
- Versatility and ability to adapt to changes taking place
- Ability to analyse and exploit entrepreneurial opportunities in education
- Construct creative learning environment
- Ability to utilize cultural heritage for social economic development
- Capacity to effectively communicate using national and other languages
- Ability to manage finances
- Ability to develop innovative curricula
- Capacity to monitor, assess and evaluate learners, learning processes, projects and programs

Program Assessment

Coursework:	40 %(Assignments, in-class test, Quiz Presentations, Mid Semester Exams, Practical work)
Final Examinations	60 %
Other	N/A

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 110 - 420	Convocations	20	0	0
ORIE 111	Orientation	20	0	0

AGWE 110 - 120	Work Education	40	0	0
	Total	**80**	**0**	**0**
Computers				
INSY 118	Introduction to Technology	120	12	3
	Total	120	12	3
Languages and Communication				
HUMA 111	Communication Skills & Academic Writing	120	12	3
	Total	120	12	3
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	**120**	**12**	**3**
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
THEO 424	Church Heritage	40	0	0
	Total	**240**	**24**	**6**
	Grand total	**680**	**60**	**15**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
ECDI 110	Culture and Heritage Studies	120	12	3
ECDI 111	Health and Life Skills Education in ECD	120	12	3
ECDI 112	Historical and Philosophical Foundations of ECD	120	12	3
ECDI 113	Psychological Foundations of ECD	120	12	3
ECDI 122	Sociological Foundations of ECD	120	12	3
ECDI 121	Theories of Child Development and Learning in Early Childhood	120	12	3
BERM 110	Research Methods and Statistics	240	24	6
ECDI 211	Science and Mathematics in ECD	120	12	3
ECDI 212	Inclusive Education and Children at Risk in ECD	120	12	3
ECDI 213	Language Arts in ECD	120	12	3
ECDI 221	Play as a Process of Learning in ECD	120	12	3
ECDI 222	Creative Arts in ECD	120	12	3
ECDI 223	Practicum	240	24	6
BERP 291	Research Project	240	24	6
	Total	**1920**	**192**	**48**
	Grand Total	**2600**	**252**	**63**

Program Schedules

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
ECDI 100	Culture and Heritage Studies	120	12	3
ECDI 111	Health Life skills Education in ECD	120	12	3
ECDI 112	Historical and Philosophical Foundations of ECD	120	12	3
ECDI 113	Psychological and Sociological foundations of ECD	120	12	3
HUMA 111	Communication Skills and Academic writing	120	12	3
INSY 118	Introduction to Technology	120	12	3
CONV 111	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level I: Semester 2				
ECDI 121	Theories of child development and learning in ECD	120	12	3
BERM 110	Research Methods and Statistics	240	24	6
THEO 216	Philosophy of Christian Education	120	12	3
THEO 126	Christian Beliefs	120	12	3
CONV 112	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level II: Semester 1				
ECDI 211	Science and Mathematics in ECD	120	12	3
ECDI 212	Inclusive Education and Children at Risk in ECD	120	12	3
ECDI 213	Language Arts in ECD	120	12	3
ECDI 214	Play as a process of learning in ECD	120	12	3
BIOL 420	Science of Origin	120	12	3
CONV 211	Convocation	20	0	0
	Total	**620**	**60**	**15**

Level II: Semester 2				
ECDI 221	Creative Arts in ECD	120	12	3
ECDI 223	Practicum	240	24	6
BERP 221	Research Project	240	24	6
CONV 222	Convocation	20	0	0
	Total	**620**	**60**	**15**
	Grand Total	**2600**	**252**	**63**

Module Synopses

HLED 115 Health and Life Skills	**12 Credits**
The module is designed to equip students with knowledge and skills on how to manage life problems in learning environments and society in general. It further equips students with survival skills.	
ECDI 111 Historical and Philosophical Foundations of ECD	**12 Credits**
The module tracks the development of early childhood education. The module further exposes students to the historical perspectives and trends in early childhood education. This module also examines different schools of philosophy and how they influence educational practice in general and early childhood education in particular. It forms the base of the interactive process where the class operates as a community of inquiry.	
ECDI 110 Culture and Heritage Studies	**12 Credits**
The module examines the concepts of culture and heritage as they relate to unhuism/ubuntuism, innovation and industrialisation. Emphasis will be placed on the values of social, Historical, architectural, scientific and cultural heritage that can be capitalised for socio-economic development. Exploration of landscapes that contain cultural heritage associated with knowledge, songs, stories, art objects and human remains.	
ECDI 213 Language Arts in ECD	**12 Credits**
The module enables students to engage in an in-depth study of the concept language, language acquisition theories and how young children master receptive and expressive language skills. The course also enables students to design child-centred language arts environments and capacitates them to effectively communicate using national and other languages	
ECDI 121 Theories of Child Development and Learning in ECD	**12 Credits**
This module exposes students to theories of child development and learning in order to address developmental concepts as they relate to ECD. The module exposes students to further theoretical knowledge which informs their understanding of the development of young children in different domains.	
ECDI 113 Psychological and Sociological Foundations of ECD	**12 Credits**
The module is designed to equip students with requisite knowledge of selected psychological paradigms, theories and processes that will enable them to comprehend possible implications and applications in teaching and learning. The module also introduces students to the foundations and development of sociology and sociology of education. The module aims to apply sociological insights, methods and discipline to the study of educational and social problems that are of concern to Early Childhood Development and society at large. The context of the course is largely the Zimbabwean society though reference to foreign education systems will be encouraged	
ECDI 211 Science and Mathematics in ECD	**12 Credits**
This module is designed for students to undertake an in-depth study of philosophical considerations, theoretical perspectives and pedagogical issues in Science and Mathematics in Early Childhood Development. The module equips students with skills on how to design and develop an innovative curriculum for innovation and industrialization. It further exposes students to ethno mathematics concepts.	
ECDI 223 Practicum	**12 Credits**
The module equips students with innovative skills in working with communities. It further provides students with opportunities to put into practice.	
BERM 110 Research Methods and Statistics	**24 Credits**
This module seeks to provide the students with skills in identifying and stating problems in education as well as collecting, analyzing and interpreting qualitative and quantitative data. Emphasis of the module is on statistical reasoning within the context of designing, producing and reading research papers. In light of this, students develop research skills and use technological tools for research in education.	
ECDI 221 Play as a Process of Learning in ECD	**12 Credits**
The module reviews the concept play and the role of play in child development and learning. The module also engages students in an intensive study of theories of play, functions of play and issues on learning and development through play in indigenous and modern communities.	

ECDI 212 Inclusive Education and Children at Risk in ECD	**12 Credits**
This module develops students' understanding of policy issues in the provision of inclusive education in ECD. It empowers students with versatility and ability to adapt to inclusive drives taking place in their communities. The module further enables them to identify, assess, include and manage children with diverse needs. The module also enables students to identify different categories of children at risk and the theoretical framework relating to such children. The module will enable students to interpret and implement legal frameworks guiding responses to children at risk at international, regional and national level. The module further exposes students to the different intervention strategies for different cultural practices that place children to different risks and how these could be minimized.	
ECDI 222 Creative Arts in ECD	**12 Credits**
The module instills essential knowledge, values and attitudes that promote the teaching and learning of Creative Arts in early childhood development. The students examine the constituent components of Creative Arts and explore the rationale for the discipline in early childhood development. The module also exposes students to various theories, themes and methods in Creative Arts that relate to innovativeness and industrialization.	
BERP 211 Research Project	**24 Credits**
The module provides a platform for students to engage in pragmatic research that aims to solve national challenges.	

The goal of early childhood education should be to activate the child's own natural desire to learn.
Maria Montessori

Diploma in Early Childhood Development

Name of Program	Diploma in Early Childhood Development
Duration	3 Years
Type of Training Model	3-3-3 1 Year in- Theory 1 Year out- Teaching Practice 1 Year in – Theory
Maximum Credit Load	393

Entry Requirements	**TICK**
Normal Entry: A minimum of five 'O' level passes including English, and Mathematics or equivalent: Science is an added advantage	✓
Special Entry: N/A	✓
Mature Entry: N/A	✓

Graduation Requirements

Requirements	CREDITS
General Education Courses	72
Theory of Early Childhood Development	72
Professional Studies Syllabus A	18
Professional Studies Syllabus B	90
Professional Studies Syllabus C	36
Professional Studies Syllabus D	72
Main Study	18
Teaching Practice	30
Total	**393**

Intended Learning Outcomes

By the end of the program teachers should be able to:

- Soft Skills Ubuntu/Unhu, Critical Thinking
- Research and Technological Competencies
- Demonstrate Mastery of Subject Content competencies
- Versatility and ability to adapt to changes taking place
- To analyse and exploit entrepreneurial opportunities in education
- Construct creative learning environment
- Ability to utilize cultural heritage for social economic development
- Capacity to effectively communicate using national and other language
- Ability to manage finances
- Ability to develop innovative curricular
- Capacity to monitor, assess and evaluate learners, learning processes, project and programs
- Develop knowledge and an understanding of the development, role and importance of Early Childhood Education to the education process as a whole
- Design, implement and evaluate developmentally appropriate curriculum experiences for children
- Interpret the syllabus, prepare teaching aids and deliver lively lessons that demonstrate proficiency in the presentation of knowledge, values and skills expected the learner to master and also display classroom management skills.
- Demonstrate social skills they expect to enhance in their studies.
- Enhance practically numeracy and literacy in science concepts at an early age and design methods on how to introduce numeracy and literacy in science.
- Demonstrate how children learn through expressing themselves in music, dance and play.

- Display diverse exercises that promote development of psychomotor skills in the young child.
- Plan menu and snack planning for hands-on activities for young children in the classroom setting.
- Explore the different approaches and strategies for guidance and counseling that may be applied to young children.
- Practically carry out a practical research on an Early Childhood age child and write and present research findings in a scholarly way.
- Integrate faith and learning; reflect the character of Christ, the Master teacher in the classroom and the community.

Program Assessment

Coursework	40% (assignments, presentations, micro-teaching practice, Mid-semester exam, practical work, etc.
Written Examination	60%
Teaching Practice	100%

Main Study

Each student is required to choose a main study in which he/she specializes in. This is determined by the student's passes at 'O' Level. The majors may be selected from the following. Each course is registered as 3 credits/term

1. ECDD 016/026 – Agriculture, Clothing and Textiles, Computer & Information Technology, English, Food and Nutrition, Mathematics, Ndebele, Physical Education, Family and Heritage Studies, Science, Shona

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 110 - 420	Convocations	20	0	0
ORIE 111	Orientation	20	0	0
Computers & Communication				
CSIA 050	Communication Skills and ICT Appliances	80	8	2
Natural Sciences				
BIOL 420	Science of Origins	80	8	2
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
THEO 424	Church Heritage	40	0	0
	Total	**400**	**32**	**8**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
TPPE 050	Transformative Psychological Perspectives of Education	80	8	2
ECDD 127	Curriculum Issues in ECD	80	8	2
TSPE 050	Transformative Sociological Perspectives of Education	80	8	2
DITE 050	Digital technologies in Education	80	8	2

ECDD 111	Human Development in Cross Cultural Context	80	8	2
ECDD 112	Environmental Protection & Management	80	8	2
RIIN 070	Research Innovation & Industrial-ization	80	8	2
CNDE 070	Citizenry for National Development	80	8	2
TPHE 050	Transformative Philosophical Per-spectives of Education	80	8	2
ECDD 121	Inclusive Pedagogy in Physical Education and Art and Material Production	80	8	2
ECDD 122	Inclusive Pedagogy in Mathemat-ics, Science and Technology and Material Production	80	8	2
ECDD 123	Inclusive Pedagogy in Social Studies and Material Production	80	8	2
ECDD 123	Inclusive Pedagogy in Language Arts and Material Production	80	8	2
ECDD 124	Curriculum Issues in ECD	80	8	2
ECDD 125	Educational Legal Frameworks, Leadership and Management	80	8	2
ECDD 126	Inclusive Monitoring and Assessment Model	80	8	2
SILA 070	Sign Language	80	8	2
DIIN 050	Diversity and Inclusion	80	8	2
DRRM 050	Disaster Risk Reduction & Management	80	8	2
ECTP 050	Work integrated Learning	80	8	2
LICE 050	Literacies in Early ECD	80	8	2
ECTP 050	Work integrated Learning	320	32	8
LSED 050	Life Skills and Entrepreneurship Development	320	32	8
HRSS 050	Human Rights, Safeguarding and Support	320	32	8
DERP 190	Research Project	240	24	6
	Total	**2880**	**288**	**72**
	Grand Total	**3240**	**368**	**80**

Program Schedules

Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Level I: Semester 1				
CONV 110-320	Convocation	20	0	0
ORIE 110	Orientation	20	0	0

TPPE 050	Transformative Psychological Perspectives of Education	80	8	2
TSPE 050	Transformative Sociological Perspectives of Education	80	8	2
ECDD 127	Curriculum Issues in ECD	80	8	2
DITE 050	Digital Technologies in Education	80	8	2
CSIA 050	Communication Skills and ICT Appliances	80	8	2
ECDD 111	Human Development in Cross Cultural Context	80	8	2
ECDD 112	Environmental Protection and Management	80	8	2
THEO 216	Philosophy of Christian Education.	80	8	2
ECDD 016	Main Study	120	12	3
	Total	**800**	**76**	**19**

Level I: Semester 2				
ECDD 121	Inclusive Pedagogy in Physical Education and Arts and Material Development	80	8	2
ECDD 122	Inclusive Pedagogy in Mathematics, Science and Technology and Material Development	80	8	2
ECDD 123	Inclusive Pedagogy in Social Studies and Material Development	80	8	2
ECDD 124	Inclusive Pedagogy in Language Arts and Material Development	80	8	2
TPHE 050	Transformative Philosophical Perspective of Education	80	8	2
ECDD 125	Education Legal Frameworks, Leadership and Management	80	8	2
ECDD 126	Inclusive Monitoring and Assessment Models	80	8	2
RIIN 070	Research Innovation & Industrialization	80	8	2
CNDE 070	Citizen for National Development	80	8	2
ECDD 126	Main Study	120	12	3
BIOL 420	Christian Beliefs	80	8	2
CONV 112	Convocation	20	0	0
	Total	**940**	**92**	**23**

Level III: Semester 1 & 2				
ECTP 210	Work Integrated Learning Experience	600	60	15
ECTP 220	Work Related Learning Experience	600	60	15
	Total	**1200**	**120**	**30**

Level II: Semester 1

LSED 050	Life Skills and Entrepreneurship Development	80	8	2
DIIN 050	Diversity and Inclusion	80	8	2
HRSS 050	Human Right, Safeguarding and Support Systems.	80	8	2
DRRM 050	Disaster Risk Reduction and Management	80	8	2
ECDD 316	Main Study	120	12	3
CONV 311	Convocation	20	0	0
	Total	**460**	**44**	**11**

Level II: Semester 2				
LICE 050	Literacies in ECD Education	80	8	2
DERP 320	Research Project	240	24	6
ECDD 326	Main Study	120	12	3
CONV 322	Convocation	20	0	0
	Total	**460**	**46**	**10**
	Grand Total	**3860**	**378**	**93**

Module Synopses

CSIA 050 Communication Skills and ICT Appliances **2 Credits**

This course covers the communication process, models of communication and kind of communication. It emphasizes both oral and written communication which includes speech preparation, interviews and business communication. An introduction to the basic principles of academic research and the research process. It also focuses on different levels of research, types of research methods, techniques of research writing, methods of finding information, basics in analysis and presentation of data, bibliography styles, mechanics and format choices required for organizing scholarly research papers.

TPPE 050 Transformative Psychological Perspectives of Education **2 Credits**

The module is designed to equip students with requisite knowledge of Selected psychological paradigms, theories and processes that will enable them to comprehend possible implications and applications in teaching

BIOL 190 Science of Origins **2 Credits**

Studies in the scientific explanation of origins in contrast with explanations derived from divine revelation. Selected critical approaches are examined and evaluated. It is taught to all students and is applicable to the General Education Requirement in natural Sciences. A photocopy of a recent magazine or journal cutting and summary is required.

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THEO 126 Christian Beliefs **2 Credits**

An introductory course for general students who need a background in religious studies. It focuses on the biblical themes of revelation, the Christian God, salvation, God's law, the covenants, the Sabbath, the sanctuary, the Church, and the Second Advent of Jesus Christ.

THEO 216 Philosophy of Christian Education **12 Credits**

A study of aims, principles, and theory of education with special reference to church related schools. The foundational concepts and principles of philosophical thoughts and schools as they relate to education are represented from historical, political, cultural, and religious viewpoints. The Seventh-day Adventist philosophy of education will be highlighted.

TPSE 050 Transformative Sociological Perspective of Education **2 Credits**

This course introduces students to the foundations and development of Sociology and sociology of education. The course aims to apply sociological insights, methods and discipline to the study of educational and social problems that are of concern to Early Childhood Development. An endeavor would be made to promote discussion on topical social and educational issues. The context of the course is largely the Zimbabwean society though reference to foreign education systems will be encouraged. An analysis of the major sociological perspectives will be undertaken

TPHE 050 Transformative Philosophical Perspective of Education **2 Credits**

This module serves to introduce students to the philosophical base upon which ECD is founded. An examination of the different schools of philosophy and how these influence educational practice in general and early childhood education in particular forms the base of the interactive process where the class operates as a community of inquiry

ECDD 127 Curriculum Issues in ECD **2 Credits**

The module equips students with skills in planning, developing and applying early childhood curriculum in the different early childhood development sub- sections. It focuses on some of the following: developmental issues, routines and transitions in care giving, curriculum activities, environmental designs, equipment and materials, and working with parents.

DITE 050 Digital Technologies **2 Credits**

The Digital Technologies course empowers students with a solid foundation in essential digital skills, preparing them for academic and professional endeavors in a technology-centric environment. By fostering a blend of technical knowledge and critical thinking, this course aims to develop informed and responsible digital citizens ready to face the challenges of the digital age.

HDCC 111 Human Development in Cross Cultural Context **2 Credits**

The course is designed for students who have enrolled for a pre-service Diploma in Education program in Early childhood Development. The course intends to provide students with appropriate theoretical knowledge which informs the physical, cognitive, social, emotional and moral development of young children
This module further exposes students to theories of child development and learning as well as those that explain contexts where the development takes place and the influence of such contexts on the development of children within the age range of 0-8 years. The module also intends to provide students with appropriate indigenous and western theoretical knowledge which informs development of young children in the different domains

ENPM 112 Environmental Protection and Management **2 Credits**

The Environmental Protection and Management course prepares students to become proactive stewards of the environment. By integrating scientific principles with practical management strategies, this course empowers learners to effectively address environmental issues and contribute to sustainable practices in their communities and beyond.

RIIN 070 Research Innovation and Industrialization **2 Credits**

The course exposes the researcher to research methodologies commonly associated with Early Childhood Education. Each student will practically carry out a practical research on an Early Childhood age child and write and present research findings in a scholarly way. Each student will be allocated to a supervisor with whom he/she consults monthly face to face and electronic. Consultations are expected to be more frequent.

CMDE 070 Citizenry for National Development **2 Credits**

The Citizenry for National Development course is designed to engage students in the principles and practices of active citizenship and its vital role in fostering national development. This course emphasizes the importance of informed, responsible, and proactive citizens in shaping the future of their communities and countries.

ECDD 121 Inclusive pedagogies in Physical Education and Arts and Material Production 2 Credits

The module equips students with theoretical and practical essentials of Physical education. It will also empower them to effectively teach physical education at ECD level to develop sustainable healthy lifestyles. As a practical module, it engages students in experiential learning which produces sportsmen with entrepreneurship.

ECDD 122 Inclusive Pedagogy in Mathematics, Science and Technology and Material Production
2 Credits

Inclusive Pedagogy in Mathematics, Science and Technology and Material Production is a module designed for students to undertake an in-depth study of philosophical considerations, theoretical perspectives and pedagogical issues in Mathematics, Science and Technology in Early Childhood Development. The course aims at equipping students with skills on how to teach environmental Mathematics, Science and Technology competently at Early. The course is also designed to equip educators with the knowledge and skills necessary to create inclusive and equitable learning environments in STEM disciplines. This course emphasizes the importance of diversity in the classroom and the need for teaching strategies that accommodate all learners, ensuring that every student has the opportunity to succeed.

ECDP 124 Inclusive Pedagogy in Language Arts and Material Production **2 Credits**

The module enables students to engage in an in-depth study of language acquisition theories, understand the concept language and how young children master receptive and expressive language skills. The course also enables students to design child-centred language arts environments (centres/classrooms) and engage in developmentally appropriate practice. The Inclusive Pedagogy in Language Arts and Material Production course is designed to provide educators with effective strategies for creating inclusive and equitable learning environments in language arts. This course emphasizes the importance of recognizing diverse student needs and backgrounds, enabling all learners to engage meaningfully with language and literature.

ECDD 123 Inclusive Pedagogy in Social Studies and Material Production **2 Credits**

This course aims to equip educators with the knowledge and skills necessary to implement inclusive pedagogical practices in Social Studies. It emphasizes the importance of recognizing and addressing the diverse needs of all learners, particularly those with disabilities, in order to create a more equitable learning environment. The course will explore strategies for material production that support inclusivity, ensuring that all students have access to relevant and engaging resources.

CDD 125 Educational Legal Frameworks, Leadership and Management **2 Credits**

This course explores the intersection of legal frameworks with leadership and management in educational settings. It aims to equip educators, administrators, and leaders with the knowledge and skills necessary to navigate the complex legal landscape that governs educational institutions.

ECDD 127 Curriculum Issues in ECD **2 Credits**

The module equips students with skills in planning, developing and applying early childhood curriculum in the different early childhood development sub- sections. It focuses on some of the following: developmental issues, routines and transitions in care giving, curriculum activities, environmental designs, equipment and materials, and working with parents.

ECDD 126 Inclusive Monitoring and Assessment Model **2 Credits**

This course explores inclusive monitoring and assessment strategies that ensure equitable educational opportunities for all learners. Participants will examine frameworks and practices that support diverse educational settings, focusing on the development and implementation of assessment models that accommodate various learning needs.

SILA 070 Sign Language **2 Credits**

This course introduces students to the fundamentals of sign language, focusing on American Sign Language (ASL) as a primary mode of communication within the Deaf community. It aims to enhance understanding of deaf culture, improve communication skills, and foster inclusive practices.

DIIN 050 Diversity and Inclusion **2 Credits**

This course explores the principles and practices of diversity and inclusion within various contexts, including education, the workplace, and community settings. Participants will examine the significance of diverse perspectives and the impact of inclusive practices on individuals and organizations. This module is intended to develop students' understanding of policy issues in the provision of inclusive education in ECD. It further enables them to identify, assess, include and manage children with diverse needs

DRRM 050 Disaster Risk Reduction and Management **2 Credits**

This course provides a comprehensive overview of disaster risk reduction (DRR) and management strategies. It explores the theoretical frameworks and practical approaches necessary to understand, assess, and mitigate the impacts of disasters on communities and environments.

ECTP 050 Work Related learning Experience **15 Credits**

This is a practical module where students are attached to infant grades and apply theory to practice. It exposes students to the dynamics of infant education, planning and assessment, as well as the capacity to monitor, assess and evaluate learners.

LICE 050 Literacies in Early Childhood Development Education **2 Credits**

This course explores the foundational concepts and practices of literacies in early childhood education. It focuses on the significance of developing literacy skills in young children, emphasizing the integration of reading, writing, speaking, and listening in a holistic learning environment. Participants will examine various literacy frameworks, strategies, and resources that support diverse learners

LSED 050 Life Skills and entrepreneurship Development **2 Credits**

This course aims to equip learners with essential life skills and entrepreneurial competencies necessary for personal and professional success. It combines theoretical knowledge with practical applications to foster critical thinking, creativity, and resilience.

HRSS 050 Human Rights, Safeguarding and Support **2 Credits**

This course explores the fundamental principles of human rights and their application in various contexts, focusing on safeguarding vulnerable populations. Students will examine international human rights frameworks, national laws, and best practices for supporting individuals in need. The course will cover topics such as child rights, gender equality, disability rights, and the responsibilities of institutions to protect and empower individuals.

ECTP 050 Work Related Learning Experience **15 Credits**

Work Related Learning Experience (WRLE) is designed to bridge the gap between academic theories and real-world applications. This course emphasizes the integration of academic study with practical work experiences, allowing students to enhance their professional skills and gain valuable insights into their chosen fields. It exposes students to the dynamics of infant education, planning and assessment, as well as the capacity to monitor, assess and evaluate learners.

DERP 320 Research Project **6 Credits**

The module provides a platform for students to engage in pragmatic research that aims to solve national challenges.

Grading

Significance	Marks
Distinction	80-100
Merit	70-79
Pass	50-69
Supplementary	45-49
Fail	0-44

"It is the supreme art of the teacher to awaken joy in creative expression and knowledge."
Albert Einstein

Bachelor of Arts Honours in English and Communication

Name of Program	Bachelor of Arts Honours in English and Communication
Duration	4 Years
Minimum Credit Load	480
Maximum Credit Load	540
Maximum MBKS Credits	398
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry; Five (5) 'O' Level passes or assessed equivalent including English Language, and at least two 'A' Level passes including Literature in English or equivalent.	✓
Special Entry:	✓
Mature Entry:	✓

Graduation Requirements

	Notional Credits
General Courses	92
Core Courses	398
Total	**490**

Intended Learning Outcomes

Upon successful completion of the program a graduate will be able to:

- Utilize their knowledge and understanding of literature to critique various literary works.
- Demonstrate the ability to use language and communication to understand personal and interpersonal communication in various spheres of life.
- Identify and define different language, literary and communication systems and practices.
- Communicate effectively and present information using multimedia to both experts and non-experts in the communication, linguistics and literary environments.
- Develop new communication practices and technologies that enhance efficiencies and outputs of the communication industry.

Program Assessment

Coursework	40% (Assignments, Quizzes, Presentations, Mid-Semester Exam, tests, etc.)
Final Examination	60 %
Industrial Attachment	Student Report (50%), Work Supervisor (30%), Academic Supervisor (20%)

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 111-412	Convocations	20	0	0
ORIE 111	Orientation	20	0	0
AGWE 111 – 112	Work Education	40	0	0
Languages and Communication				
HUMA 111	Communication Skills and Academic Writing	120	12	3

	Total	**120**	**12**	**3**
Health and Physical Education				
HLED 125	Health Education	120	12	3
	Total	**120**	**12**	**3**
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
THEO 424	Church Heritage	40	0	0
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	**120**	**12**	**3**
Departmental Courses				
BAJR 214	News Writing	100	10	2.5
BAJR 225	Online Journalism	100	10	2.5
BACM 421	Intercultural Communication	120	12	3
	Total	**1000**	**92**	**23**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
BACM 110	Organizational Communication	100	10	2.5
BAEN 111	Theories of Literature	100	10	2.5
BAEN 112	Introduction to Linguistics	100	10	2.5
BAEN 113	Literary Criticism	100	10	2.5
BAEN 114	Linguistics and Literature	100	10	2.5
BAEN 120	English for Specific Purposes	100	10	2.5
BAEN 121	Zimbabwean Literature	100	10	2.5
BACM 122	Theories of Communication, New Media & Communication Technology	100	10	2.5
BACM 123	Information Communication & Technology	100	10	2.5
BAEN 210	Introduction to African Literature	100	10	2.5
BAEN 211	Language Policy and Planning	100	10	2.5
BAEN 212	Discourse Analysis	100	10	2.5
BARM 220	Research Methods	100	10	2.5
BACM 220	Public Relations Communication	100	10	2.5
BAEN 221	Trends in Literature	100	10	2.5
BAEN 222	Caribbean Literature	100	10	2.5
BAEN 223	English as a Foreign Language	100	10	2.5
BAEN 224	African Cultures and Heritage	100	10	2.5
BAEN 300	Industrial Attachment	1200	120	30
BAEN 410	African American Literature	100	10	2.5
BAEN 411	English Literature	100	10	2.5
BACM 412	Communication in Negotiation	100	10	2.5
BAEN 413	Children's Literature	100	10	2.5

BARP 421	Research Project	240	24	6
BAEN 422	Gender and Literature	100	10	2.5
BAEN 423	Film and Literature	120	12	3
BACM 420	Script Writing	120	12	3
	Total	**3980**	**398**	**99.5**
	Grand Total	**4980**	**490**	**122,5**

Course Schedule

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
HUMA 111	Communication Skills & Academic Writing	120	12	3
BACM 110	Organizational Communication	100	10	2.5
BAEN 111	Theories of Literature	100	10	2.5
BAEN 112	Introduction to Linguistics	100	10	2.5
BAEN 113	Literary Criticism	100	10	2.5
BAEN 114	Linguistics and Literature	100	10	2.5
AGWE 111	Work Education	40	0	0
CONV 111	Convocation	20	0	0
	Total	**680**	**62**	**15.5**

Level I: Semester 2				
BAEN 120	English for Specific Purposes	100	10	2.5
BAEN 121	Zimbabwean Literature	100	10	2.5
BACM 122	Theories of Communication, New Media & Communication Technology	100	10	2.5
BACM 123	Information Communication & Technology	100	10	2.5
THEO 126	Christian Beliefs	120	12	3
HLED 125	Health Education	120	12	3
CONV 122	Convocation	20	0	0
	Total	**660**	**64**	**16**

Level II: Semester 1				
BAEN 210	Introduction to African Literature	100	10	2.5
BAEN 211	Language Policy and Planning	100	10	2.5
BAEN 212	Discourse Analysis	100	10	2.5
BARM 210	Research Methods	100	10	2.5
BAJR 214	News Writing	100	10	2.5
THEO 216	Philosophy of Christian Education	120	12	3
CONV 211	Convocation	20	0	0
	Total	**640**	**62**	**15.5**

Level II: Semester 2				
BACM 220	Public Relations Communication	100	10	2.5

BAEN 221	Trends in Literature	100	10	2.5
BAEN 222	Caribbean Literature	100	10	2.5
BAEN 223	English as a Foreign Language	100	10	2.5
BAEN 224	African Cultures and Heritage	100	10	2.5
BAJR 225	Online Journalism	100	10	2.5
CONV 222	Convocation	20	0	0
	Total	**620**	**60**	**15**

Level III Semester 1 & 2				
WRLE 300	Work Related Learning Experience	1200	120	30
	Total	**1200**	**120**	**30**

Level IV: Semester 1				
BIOL 420	Science of Origins	120	12	3
BAEN 410	African American Literature	100	10	2.5
BAEN 411	English Literature	100	10	2.5
BACM 412	Communication in Negotiation	100	10	2.5
BAEN 413	Children's Literature	100	10	2.5
BACM 410	Script Writing	120	12	3
CONV 411	Convocation	20	0	0
	Total	**660**	**64**	**15.5**

Level IV: Semester 2				
BACM 421	Intercultural Communication	120	12	3
BAEN 422	Gender and Literature	100	10	2.5
BAEN 423	Film and Literature	120	12	3
BARP 421	Research Project	240	24	6
THEO 424	Church Heritage	40	0	0
CONV 422	Convocation	20	0	0
	Total	**640**	**58**	**14.5**
	Grand Total	**5020**	**490**	**122.5**

Module Synopses

BAJR 225 Online Journalism **10 Credits**

In this module, students shall learn to use software for online journalism and shall also be equipped with skills to write and report for new media. They shall also learn to create and maintain weblogs and to use photos, video, audio and data on the Internet when presenting multimedia stories. The module also examines the impact of new media on journalism practices.

BAJR 214 News Writing **10 Credits**

The module aims to develop the news writing and gathering skills gained in Foundation Skills for Journalists. That is, it develops skills gained in newsgathering and hard news writing that uses the inverted pyramid format. It also introduces students to the hour-glass, focus, narrative and chronological styles of news writing. Students shall also be introduced to newsgathering and language use that is sensitive to gender, racial and ethnic groups. Students are also expected to keep abreast of current affairs and shall be tested on their news awareness.

BACM 421 Intercultural Communication **10 Credits**

This course explores how culture shapes language, thought and behaviour. It examines concepts and terms essential to understand other cultures and stresses the variety of customs throughout the world and the universality of human needs and aspirations. Applications to interpersonal communication among other cultural groups will be explored.

HLED 125 Health Education **12 Credits**

This course presents principles of personal and community health: it is designed to promote health as outlined by the Bible and the spirit of prophecy and backed by Evidence Based Medicine. It is designed to identify unhealthy behavior and be able to correct them. The course also educates and motivates students to adopt a healthier lifestyle and extend more than all technological wonders of modern medicines. The focus is prevention of disease by learning how to take care of oneself, family, community and environment. The major objective of the Aerobic health and fitness course has been to provide knowledge, attitudes and strong motivation and practice instruction in the strong hope that each individual will make exercise a regular life practice.

HUMA 111 Communication Skills and Academic Writing **12 Credits**

This course covers the communication process, models of communication and kind of communication. It emphasizes both oral and written communication which includes speech preparation, interviews and business communication. An introduction to the basic principles of academic research and the research process. It also focuses on different levels of research, types of research methods, techniques of research writing, methods of finding information, basics in analysis and presentation of data, bibliography styles, mechanics and format choices required for organizing scholarly research papers.

BIOL 420 Science of Origins **12 Credits**

Studies in the scientific explanation of origins in contrast with explanations derived from divine revelation. Selected critical approaches are examined and evaluated. It is taught to all students and is applicable to the General Education Requirement in natural Sciences. A photocopy of a recent magazine or journal cutting and summary is required.

THEO 126 Christian Beliefs **12 Credits**

An introductory course for general students who need a background in religious studies. It focuses on the biblical themes of revelation, the Christian God, salvation, God's law, the covenants, the Sabbath, the sanctuary, the Church, and the Second Advent of Jesus Christ.

THEO 216 Philosophy of Christian Education **12 Credits**

A study of aims, principles, and theory of education with special reference to church related schools. The foundational concepts and principles of philosophical thoughts and schools as they relate to education are represented from historical, political, cultural, and religious viewpoints. The Seventh-day Adventist philosophy of education will be highlighted.

BAEN 111 Theories of Literature **10 Credits**

The module traces the developments in literary theory from the age of Enlightenment to the most recent theoretical discourses in literary studies. The module examines how theories interact as they inform and explain our understanding of the world of literature today. The module subjects Theories of Literature to testing through reading them in relation to texts, with specific attention being paid to their strengths and limitations in addressing the Historical, social, political and ideological nature of literary works and the contexts in which theory and text emerge.

BACM 110 Organizational Communication **10 Credits**

The module introduces students to the concepts and the essential elements of communication since effective communication skills are integral to all successful human relationships. As the world becomes more 'global' the need and desire to communicate effectively in a variety of contexts becomes paramount. Hence the module focuses on the development and improvement of students' competence as communicators in various professions.

BAEN 112 Introduction to Linguistics **10 Credits**

This module explores the application of linguistics ideas to literary criticism. It explores the nature of the relationship that exists between linguistic form and literary function and is an introduction to the study of stylistics and literary styles. The module explores the relationship between language and literature to produce students who are better analysts, writers and teachers/educators.

BAEN 113 Literary Criticism **10 Credits**

The course enables the learner to engage any literary texts to tease out meaning from them while appreciating the artist's workmanship even for texts encountered for the first time. It exposes the learner to different literary periods, genres of literature and key literary terms, the different literary techniques and how these convey meaning even beyond the simplest text.

BAEN 114 Linguistics and Literature **10 Credits**

The module explores how the ideas of linguistics may be applied to literary criticism. It explores the nature of the relationship that exists between linguistic form and literary function. It is an introduction to the study of stylistics and literary styles. The module explores the relationship between language and literature to produce students who are better analysts, writers and teachers/educators.

BAEN 120 English for Specific Purposes **10 Credits**

The module introduces students to the specialized ways of using English in specific contexts. Emphasis is on the factors relating to the origins and development of English for Specific Purposes as well as the role of the ESP practitioner. The module develops students' skills in interpreting and analyzing language used in specific contexts.

BAEN 121 Zimbabwean Literature **10 Credits**

This module introduces leading works of Zimbabwean literature using relevant literary theories. It begins by giving the Historical context of the development of literary creativity by black Zimbabweans and further traces ideological and generic shifts in Zimbabwean literary creativity up to 2000.

BACM 122 Theories of Communication, New Media and Communication Technology **10 Credits**

This module introduces students to the basic models summarizing the communication process. Students are offered the opportunity to apply these models in real life communication practices. Finally, students also link these models in real life communication practices. Finally, students also link these models to the evolving technologies of communication under the rubric of new information and communication technologies or social media.

BACM 123 Introduction to Information and Communication Technology **10 Credits**

The module familiarizes with the operation of computers and various application programs and equips them to use computers in different areas of study as used in today's global environment. It presents the following concepts: Basic computer concepts, data processing cycle, number system, computer Arithmetic, types of computers and computer applications. It also introduces topics such as computer hardware and software, file management, the internet, the social web, green computing, security and computer ethics.

BAEN 123 Introduction to African Literature **10 Credits**

This module introduces students to aspects of African Literature. In particular, it identifies and discusses the oral/indigenous and modern/written forms constituting African Literature. The module exposes the students to the major writers, their styles and thematic concerns and explores the pattern of development of African literature.

BAEN 211 Language Policy and Planning **10 Credits**

The module examines issues in the study of language policy and planning, including language choice and multilingualism. It explores how decisions concerning language policy and planning arise in response to socio-political needs. Thus, the module focuses on the ways and methods that are followed in coming up with a language policy for a particular society and the planning that is undertaken before coming up with a decision concerning a particular language situation.

BAEN 212 Discourse Analysis **10 Credits**

The module examines the analysis of linguistic units larger than the sentence, including conversational structure, speech acts and the ethnography of speaking. It explores basic concepts in the study of discourse and the role of context in its study and introduces students to theories in the study of discourse. The module nurtures students who are better communicators and analysts. Taking context into cognisance, the module covers varied areas of discourse and train students to read texts by deconstruction.

BARM 210 Research Methods **10 Credits**

This module explores the methods and methodology in English and Communication studies. It offers a set of explanations, frameworks and guidelines for doing research in cultural studies in the context of English studies. In particular, the module treats planning, undertaking and appraisal of research in study of English and communication. In the process, the module debates the philosophical and methodological foundations of the commonly used methods in English and Communication studies. The module prepares students to conduct independent research on a selected topic English and Communication studies and to critically appreciate the research outputs of other researchers.

BAEN 221 Trends in Literature **10 Credits**

This module provides a Historical trajectory, perspective and analysis of the development of Literature. It introduces students to a variety of genres of texts from different cultures and periods with emphasis on form, function and cultural contexts. Attention is paid to critical approaches and shifts that have been witnessed in the study of literature.

BAEN 222 Caribbean Literature **10 Credits**

The module examines a range of literary texts from the Caribbean Islands from the era of enslavement to the present. It also delineates the close link between the literary concerns highlighted in this literature with those of African and other Diasporan literature. Knowledge of West Indian History is imperative to enable students to place the literature within its proper Historical context and in relation to each other.

BAEN 220 Public Relations Communication **10 Credits**

This module provides an introduction to Public Relations communication. Focus is on the communicative aspects of public relations and how they contribute to an organisation's success or failure. Public relations communication is distinguished from other communication disciplines in order to appreciate the part it plays in the overall communication program of organizations.

BAEN 224 African Culture and Heritage **10 Credits**

The module explores African cultures and heritage with particular reference to Zimbabwe. It defines and contextualizes the African people of Zimbabwe, their cultures, heritage and philosophy of life. The module sensitizes Africans and Zimbabwean in particular to appreciate their cultures as resources for development. The rich and the sacred heritage of Africa is of particular interest with a view to cultivating critical consciousness for the nation. The module emphasis on understanding and appreciating different African cultures and heritage. It carries an agenda that is in sync with decolonization and an African renaissance.

BAEN 223 English as a Foreign Language **10 Credits**

The module is designed to build the oral and written English skills of non-first language speakers of English. It equips students with skills in designing English as a Foreign Language course, taking cognizance of the learners' broad environment and their needs, the expertise of the teacher as well as the methodology. The module develops a solid background in critical aspects such as language and culture, language structure, first and second language influence.

BACM 420 Script Writing **12 Credits**

This course trains the basic script skill including pre-script preparation, dummies, types of scripts- soaps, documentaries, docu-dramas, news for radio, television, film. In this module, students coordinate the various parts of the script into a finished production, for practical running.

BAEN 422 Gender and Literature **10 Credits**

The module examines the portrayal of gender relations in selected works of literature using relevant theories. It links the literary texts to the dominant ideology and genre of the time. The texts represent various traditions such as the African tradition, the English tradition, the Marxist tradition, the Womanist/Feminist tradition, among others.

BAEN 410 African American Literature **10 Credits**

The module studies the work of literature reflecting the experiences, History and culture of African American people. Focus is on themes of resistance and complicity, the race question, belonging and identity, double consciousness, gender struggle, and American dream and other related issues. The literary works are examined in the context of the ideas of thinkers at each Historical phase in the evolution of this literature. The students are required to access the success with which both writers and thinkers interpret the experiences and aspirations of these people.

WRLE 300 Work- Related Learning Experience **120 Credits**

Work-Related Learning enables students to develop the ability to translate theoretical knowledge to real-life experiences. Form of assessment are:

Employer's Assessment

- The host supervisor's assessment looks at the student's conduct and behaviour, interpersonal skills development, operational competencies and leadership qualities.
- Academic Supervisor's Assessment
- The Academic Supervisor's Assess looks at the student's conduct at the workplace. Focus will be on ability to link working and learning, being initiative, creativity, ingenuity and perseverance in identifying and addressing issues at the workplace as well as relating and communicating with colleagues.
- Work-Related Learning Report (student's Report)
- This is a report written by the students based on their activities and experiences during Work Related Learning. The report format is provided by the Department.

BAEN 411 English Literature **10 Credits**

The module covers a range of major texts from the literature of the United Kingdom. Texts are categorized to reflect Medieval, Renaissance, Elizabethan, Romantic, Victorian and modern English novelists, poets and dramatists. The literature is read as literary responses to changes in the socio-Historical History of the United Kingdom. Emphasis is on the Historical background and literary features of each age.

BAEN 413 Children's Literature **10 Credits**

Learners are equipped with skills to critically explore children's literature. The module furnishes students with selective skills that enable them to identify, classify and analyze originally oral (transcribed) and written texts, which exhibit the issues and trends in a ground-breaking way.

BACM 411 Communication in Negotiation **10 Credits**

This module equips the learner with requisite skills to meaningfully participate in negotiations and diffuse potentially explosive conflicts both at home, at work and abroad. This module assists the learner to negotiate through conflicts that are common in the economic and political spheres in Zimbabwe and elsewhere. For conflicts to be resolved, negotiations should be ethical, principled and competent and this module turns the learner into an effective negotiator.

BARP 421 Research Project **24 Credits**

The module provides learners with the opportunity to carry out research. Students carry out the research and write a research project. The students are given an opportunity to research on a topic of their choice, relevant to the program. They carry out the research under the guidance of a supervisor, who is a member of the academic staff. They are expected to write a research project of between 9 000- 12 000 words. Its weight is equivalent to that of two modules.

"The single biggest problem in communication is the illusion that it has taken place"

George Bernard Shaw

Bachelor of Arts Special Honours in Literature In English

Name of Program	Bachelor of Arts Special Honours in Literature in English
Duration	1 Year
Minimum Credit Load	120
Maximum Credit Load	150
Maximum MBKS Credits	96
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry; First degree in Literature in English.	✓
Special Entry:	✓
Mature Entry:	✓

Graduation Requirements

	Notional Credits
General Courses	24
Core Courses	96
Total	**120**

Intended Learning Outcomes

Upon successful completion of the program a graduate will be able to:

- Utilise their knowledge and understanding of literature to critique various literary various literary works.
- Demonstrate the ability to use principles of language and communication to understand personal and interpersonal communication in various spheres of life.
- Identify and define different language, literary and communication systems and practices.
- Communicate effectively and present information using multi-media to both expert and non-experts in the communication, linguistics and literary environments.
- Develop new communication practices and technologies that enhance efficiencies and outputs of the communication industry.

Program Assessment

Coursework	40% (Assignments, Quizzes, Presentations, Mid-Semester Exam, tests, etc
Final Examination	60%
Industrial Attachment	N/A

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 111-412	Convocations	20	0	0
ORIE 111	Orientation	20	0	0
AGWE 111 – 112	Work Education	40	0	0
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3

Total	**320**	**24**	**6**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
BALE 410	African Theories of Literature and Criticism	120	12	3
BALE 411	Southern African Literature	120	12	3
BARM 490	Research Methods	120	12	3
BALE 413	Children's Literature in Africa	120	12	3
BALE 420	English Literature (II)	120	12	3
BALE 421	African American Literature (II)	120	12	3
BARP 491	Research Project	240	24	6
	Total	**960**	**96**	**24**
	Grand Total	**1280**	**120**	**30**

Course Schedule

Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Level I: Semester 1				
CONV 111	Convocation	20	0	0
BALE 410	African Theories of Literature and Criticism	120	12	3
BALE 411	Southern African Literature	120	12	3
BARM 490	Research Methods	120	12	3
BALE 413	Children's Literature	120	12	3
THEO 126	Christian Beliefs	120	12	3
	Total	**620**	**60**	**15**

Level I: Semester 2				
CONV 111	Convocation	20	0	0
BALE 420	English Literature (II)	120	12	3
BALE 421	African American Literature (II)	120	12	3
BARP 491	Research Project	240	24	6
THEO 216	Philosophy of Christian Education	120	12	3
	Total	**620**	**60**	**15**

Module Synopses

BALE 411 Southern African Literature **12 Credits**

This module provides students with critiquing and heritage-based skills over the diverse literary experiences inherit in the Southern African sub-continent before, during and after the colonial period. Learners are equipped with methods (theories and ideologies) of appreciating and criticising artists from different countries in the region, exploring in detail their divergent shared literary heritages. Special emphasis is on the design and the production of cultural artifacts as well as goods and services.

BALE 413 Children's literature **12 Credits**

This module enables learners to use their critical skills to discern the universality of the role of children's stories in disparate societies. The module also equips them with techniques to examine, critique the various writers' presentation of and their style in children's literature as well as the attendant theories and ideologies.

BALE 420 English Literature	**12 Credits**
This module offers strategic insights in understanding English Literature and its heritage. Learners are equipped with skills to interrogate the literature according to historical epochs such as the Medieval, Renaissance, Elizabethan, among others and give credence to the different authors. Critical theoretical interpretations and their applications in literary practice as well as society are widely explored. The module also guides the student in interrogating across-section of the three literary genres poetry, drama and the novel.	
BALE 421 African American Literature and Ideological Thought	**12 Credits**
This module equips learners with techniques to distinguish constricted spaces of lack writing as opposed to white celebration of limitless spaces of the American dream. Learners critique and interrogate Afro-American writers' painful intersection of Europe/America and Africa, and imaginative miscegenation that has given birth to unique African - American literary forms, language, style, techniques and ideologies that shape this literature, as well as issues of humanism.	
BALE 410 African Theories of Literature and Criticism	**12 Credits**
This module exposes students to the various levels and views held by the African thinkers which would help them understand the nature of African literature. This also includes opposed to how it might be viewed from the western perspective. Students learn to demonstrate critique and diverse standpoints of African worldviews. Implicitly the course enables students to study theories and critical approaches to literature in relation to the interests of Africa and the development of its literatures, languages, cultures and ideologies.	
BARM 490 Research Methods	**12 Credits**
The module equips learners with critical research skills such as the nature of research, philosophical underpinnings, the research paradigm, the research design and procedures/methods of data collection, organization analysis, presentation and interpretation. These skills are meant to furnish the learner with the requisite processes prior to embarking on the research study and also in strategically situating them for patent research.	
BARP 491 Research Project	**24 Credits**
The research project carries a weight of 24 credits and is done under the guidance of the supervisor. The length of the project is 9 000 to 10 000 words.	

"To be or not to be, that is the question"
William Shakespeare, Hamlet

Bachelor of Arts Honours in Religious Studies

Name of Program	Bachelor of Arts Honours in Religious Studies
Duration	4 Years
Minimum Credit Load	480
Maximum Credit Load	540
Maximum MBKS Credits	384
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry; Five "O" level passes including English or equivalent, and at least 2 "A" Level passes including Religious Studies.	✓
Special Entry: National Certificate (NC), National Diploma (ND)	✓
Mature Entry: Five "O" level passes in English. Applicant should be 25 years of age and 5 years relevant work experience.	✓

Graduation Requirements

	Notional Credits
General Courses	120
Core Courses	384
Total	**504**

Intended Learning Outcomes

Upon successful completion of the program a graduate will be able to:

- Conduct rigorous research and publish on religious issues, especially the Afrocentric dimensions of culture, heritage, religion and modes of being.
- Apply relevant analytical skills and insights from Religious Studies discourses to transform society and inform national development.
- Teach and impart religious knowledge to diverse categories of learners.
- Demonstrate knowledge and understanding of religion and religious plurality.
- Provide a thoughtful and empathetic leadership to different religious communities.
- Provide consultancy and support services to communities in need.
- Demonstrate an appreciation of the pervasive nature of religion in all facets of human life by making interventions that address the many challenges of the world such as war, social inequality, HIV/AIDS, famine and environmental change.

Program Assessment

Coursework	40% (Assignments, Quizzes, Presentations, Mid-Semester Exam, tests, etc.)
Final Examination	60 %
Work Related Learning	Student Report (50%), Work Supervisor (30%), Academic Supervisor (20%)

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 111-412	Convocations	20	0	0
ORIE 111	Orientation	20	0	0
AGWE 111 – 112	Work Education	40	0	0

Languages and Communication				
HUMA 111	Communication Skills and Academic Writing	120	12	3
	Total	**120**	**12**	**3**
Health and Physical Education				
HLED 115	Health Education	120	12	3
	Total	**120**	**12**	**3**
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	**120**	**12**	**3**
Departmental Courses				
BRST 215	Family and Religious Studies	120	12	3
RELB 263	Apocalyptic Studies	120	12	3
RELT 190	Comparative Religion	120	12	3
BARS 425	Biblical Literature	120	12	3
THEO 260	Adventist Heritage	120	12	3
	Total	**1280**	**120**	**30**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
BARS 111	Introduction to the New Testament	100	10	2.5
BARS 112	Introduction to the Old Testament	100	10	2.5
BARS 113	Introduction to the Study of Religion		10	2.5
BARS 121	Introduction to African Indigenous Religions	100	10	2.5
BARS 122	History of Christianity in Africa	100	10	2.5
BARS 123	Themes in Christian history and Thought		10	2.5
BARS 124	Life and Ministry of Jesus and Palestinian Christianity	100	10	2.5
BARS 125	Information & Communication Technology for Humanities	100	10	2.5
BARS 211	Selected Themes in African Indigenous Religions	100	10	2.5
BARS 212	Religion and Ethics	100	10	2.5
BARS 213	Religion and Development	100	10	2.5
BARS 214	The Old Testament (Pentateuch, Prophecy and Contemporary Issues, Writings, Wisdom Literature)	120	12	3

BARS 221	The New Testament (Gospels, Acts, Pauline and Deutero-Pauline Literature, Johannine Literature, Pastoral Letters, Apocalyptic Literature)	120	12	3
BARS 222	Religion and Gender		10	2.5
BARM 290	Research Methods in Religious Studies	100	10	2.5
BARS 224	Philosophy of Religion	100	10	2.5
BARS 225	Islam: Africa	100	10	2.5
BARS 300	Work Related Learning (WRLE)/ Industrial Attachment			
BARS 411	Religion and Health	1200	120	30
BARS 412	African Christian Theology	100	10	2.5
BARS 413	African Indigenous Religions and Contemporary Issues	100	10	2.5
BARS 414	Psychology of Religion	100	10	2.5
BARS 421	The Bible in an African Context	100	10	2.5
BARS 422	Religion, Peace and Security		24	6
BARS 423	Religion and Entrepreneurship, Tourism and Sports	100	10	2.5
BARP 491	Research Project	120	12	3
	Total	**3840**	**384**	**96**
	Grand Total	**5120**	**504**	**126**

Course Schedule

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
HUMA 111	Communication skills and Academic Writing.	120	12	3
BARS 125	Information and Communication Technology for Humanities	100	10	2.5
BARS 111	Introduction to the New Testament	100	10	2.5
BARS 112	Introduction to the Old Testament	100	10	2.5
BARS 113	Introduction to the Study of Religion	100	10	2.5
RELT 190	Comparative Religion	120	12	3
CONV 111	Convocation	20	0	0
	Total	**660**	**64**	**16**

Level I: Semester 2				
BARS 121	Introduction to African Indigenous Religions	100	10	2.5
BARS 122	History of Christianity in Africa	100	10	2.5
BARS 123	Themes in Christian history and Thought	100	10	2.5

BARS 124	Life and Ministry of Jesus and Palestinian Christianity	100	10	2.5
BIOL 420	Science of Origins	120	12	3
THEO 260	Adventist Heritage	120	12	3
CONV 112	Convocation	20	0	0
	Total	**660**	**64**	**16**

Level II: Semester 1				
BARS 211	Selected Themes in African Indigenous Religions	100	10	2.5
BARS 212	Religion and Ethics	100	10	2.5
BARS 213	Religion and Development	120	12	3
BARS 214	The Old Testament (Pentateuch, Prophecy and Contemporary Issues, Writings, Wisdom Literature	120	12	3
THEO 126	Christian Beliefs	120	12	3
BRST 215	Family and Religious Studies	120	12	3
CONV 211	Convocation	20	0	0
	Total	**700**	**68**	**17**

Level II: Semester 2				
BARS 221	The New Testament (Gospels, Acts, Pauline and DeuteroPauline Literature, Johannine Literature, Pastoral Letters, Apocalyptic Literature)	120	10	2.5
BARS 222	Religion and Gender	100	10	2.5
BARM 290	Research Methods in Religious Studies	100	10	2.5
BARS 224	Philosophy of Religion	100	10	2.5
BARS 225	Islam: Africa	100	10	2.5
HELD 115	Health Education	120	12	3
CONV 212	Convocation	20	0	0
	Total	**660**	**64**	**16**

Level III Semester 1 & 2				
WRLE 300	Work Related Learning Experience	1200	120	30
	Total	**1200**	**120**	**30**

Level IV: Semester 1				
BARS 411	Religion and Health	100	10	2.5
BARS 412	African Christian Theology	100	10	2.5
BARS 413	African Indigenous Religions and Contemporary Issues	100	10	2.5
BARS 414	Psychology of Religion	100	10	2.5
BARS 424	Biblical Literature	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
CONV 414	Convocation	20	0	0

Total	**660**	**64**	**16**

Level IV: Semester 2				
BARS 421	The Bible in an African Context	100	10	2.5
BARS 422	Religion, Peace and Security	100	10	2.5
BARS 423	Religion and Entrepreneurship, Tourism and Sports	100	10	2.5
RELB 263	Apocalyptic Studies	120	12	3
BARP 491	Research Project	200	20	5
CONV 421	Convocation	20	0	0
	Total	**640**	**62**	**15.5**
	Grand Total	**5060**	**504**	**126**

Module Synopses

BARS 111 Introduction to the New testament **10 Credits**

The module will introduce students to the study of the New Testament, its social, religious and literary settings including the canonization of the New Testament. The module will focus also on critical approaches to the New Testament.

BARS 112 Introduction to the Old Testament **10 Credits**

The module shall introduce students to the study of the Old Testament; its social, religious and literary settings, including the canon of the Bible. The module will focus on equipping students with tools for biblical interpretation and ability to analyze relevant texts in the light contemporary religious development in Africa.

BARS 113 Introduction to the Study of Religion **10 Credits**

The module introduces students to the study of religion. It focuses on issues such as the definition of religion, theories of origin, history of religion, the insider/outsider perspectives and research ethics. The module also examines the characteristics, strengths and weaknesses of selected theories to the study of religion such as the anthropological, sociological, historical, phenomenological, psychological, psychological and feminist approaches. The module shall examine the various theories and underlying concepts in the study of the beliefs and practices of various religions of the world. This will help the students to appreciate and understand other religions while getting to know their own religion better.

BARS 121 Introduction to African Indigenous Religion **10 Credits**

The module shall discuss the understanding and development of African Indigenous Religions. The module will focus on the religions of Africa, themes, rites of passage, beliefs and religious practices of selected African communities. It shall attempt to encourage an understanding of the contribution of African Indigenous Religions to religious syncretism amongst African Moslems and Christians.

BARS 122 History of the Christian Church in Africa **10 Credits**

The module shall make a survey of the history of Christianity in Africa from the Church of Alexandria to the rapid growth of African Christians in the 19th century with advent of colonialism and Independence of most African states.

BARS 123 Themes in Christian History and Thought **10 Credits**

The module shall attempt to give a brief overview of some themes in Christian history and thought from the Early Church to contemporary issues in Christian thought and practice. The module will try to cover themes that have particular reference to ministry in Africa; Early Church, Patristic Theology, Ecumenical Councils, Scholastic Theology, Reformation, Protestantism, Missionary Movement, Evangelical Movement, Pentecostalism and Fundamentalism.

BARS 124 Life and Ministry of Jesus and Palestinian Christianity **10 Credits**

This module shall focus on the historical, organizational and doctrinal development of the Christian community from its origin in Jesus' ministry to the time of the Jerusalem council.

BARS 125 Information Communication Technology for Humanities **10 Credits**

The module is designed to familiarize students with the operation of computers and various application programs and equip them to use computers in different areas of study (particularly religious studies) as used in today's global environment. It presents the following concepts: Basic computer concepts, data processing cycle, number system, computer Arithmetic, types of computers and computer applications. It also introduces topics such as computer hardware and software, file management, the internet, the social web, green computing, security and computer ethics.

BARS 211 Selected Theme in African Indigenous Religion **10 Credits**

The module shall discuss in an in-depth manner, issues such as the concept of God, rituals, symbolism, evil, indigenous medicine etc. among the Africans. The module provides knowledge on selected topics which are relevant in the understanding of African Indigenous Religions.

BARS 212 Religion and Ethics **10 Credits**

This module focuses on the interface between religion and the concept of right and wrong in different contexts, especially in Zimbabwe. It explores ethical issues with special reference to African Indigenous Religion, Christianity, and Islam. Ethical theories, namely, Natural Law, Divine Command, Utilitarianism, the Golden Rule, the Categorical Imperative, and Unhu/Ubuntu, will be analysed in relation to their applicability to ethical problems in Zimbabwe.

BARS 213 Religion and Development **10 Credits**

The module shall introduce students to the discipline of development studies. It begins with classical theories, examining their contribution to growth and development of economies. The module also addresses major themes in development discourses such as the global millennium goals, globalization and its impact on development of poor societies of the world, gender equity; notions of democracy; good governance and human rights and others in the context of Christian teaching and social theology.

BARS 214 The Old Testament **10 Credits**

The module introduces students to the study of the Old Testament; its social, religious and literary settings, including the canon of the Bible. The module focusses on equipping students with tools for biblical interpretation and ability to analyse relevant texts in the light contemporary religious development in Africa.

BARS 221 The New Testament **10 Credits**

This module focuses on selected major themes in the New Testament, with special reference to Acts, Pauline, Deutro-Pauline, non-Pauline letters and apocalyptic literature and how these themes are applicable to the Zimbabwean context.

BARS 222 Religion and Gender **10 Credits**

The module shall introduce students to gender concepts, theology of feminism as well as various roles and status of women in the Bible and in our African context. Topics to be covered include the role of women in Bible, ordination of women, impact of education and urbanization, women's struggle for emancipation and participation in Church life.

BARS 224 Philosophy of Religion **10 Credits**

This module discusses and reflects on the philosophical theories guiding the study of religious inquiry and quest for meaning. People have died or have been killed in the name of religion. Religion it is not a matter of intellectual persuasion or conviction, religion touches the very core of a person. It demands conviction, commitment and sacrifice.

BARS 225 Islam in Africa **10 Credits**

The study of Religions in Africa will not be complete without an in-depth study of Islam's, beliefs and doctrines, as one of the major religions in Africa. The module shall discuss the historical development of Islam and the challenges of contemporary Muslims in Africa.

BARS 411 Religion and Health **10 Credits**

The module examines the relationship between religion and health. It examines religious responses to disease outbreaks such as HIV and AIDS as well as the novel COVID-19 pandemic. It focuses on the care and intervention programs, development of life skills, support networks and behavior change programs that have been/are being instituted to combat the problems. The module also critically analyzes the spirituality benefits of religion as well as challenges thereof.

BARS 300 Work Related Learning **30 Credits**

This module enables students to develop the ability to translate theoretical knowledge to real-life experiences by applying practical skills in a proficient manner. The course also equips students with effective time management skills as well as work-related documentation process, the importance of evidence-based research and the ability to draw together knowledge and skills from different disciplinary. The module has the following breakdown.

Employer's Assessment: The host supervisor's assessment looks at the student's conduct and behavior, interpersonal skills development, operational competencies and leadership qualities.

Academic Supervisor's Assessment: The Academic Supervisor's assessment looks at the student's conduct at the work place. Focus will be on ability to link working and learning, being initiative, creativity, ingenuity and perseverance in identifying and addressing issues at the workplace as well as relating and communicating with colleagues.

Work-Related Learning Report: This is a report written by the student based on their activities and experiences during Work Related Learning. The report format is provided by the Department.

BARS 412 African Christian Theology **10 Credits**

The module discusses the emerging theologies of Africa in relationship to the historical and contemporary issues in African Christian Theology such as African Christology's, enculturation, black theology, and ecumenism in Africa. The students will be invited to study and reflect on the work of some African theologians such as Bujo, Nyamiti, Magesa, Mugambi, Moyo, Muzorewa, and Tutu.

BARS 413 African Indigenous Religions and Contemporary Issues **10 Credits**

The module discusses the interface AIRs and contemporary issues, homosexuality, disability, ecology, sustainable development, food security, tourism etc. The module seeks to provide in-depth knowledge on the selected issues.

BARS 414 Psychology of Religion **10 Credits**

The module traces the relationship between psychology and religion and explores some of the possible effects of religion on behavior, thought and feelings. It seeks to look at how religion affects what people think and do. The module examines the psychological theories propounded by theorists and critics such as Sigmund Freud, Carl Jung, Carl Rodgers, and Rudolph Otto among others.

BARS 421 The Bible In African Context **10 Credits**

The module discusses the reception and influence of the Bible within an African context, and related issues on language, interpretation and translations and the impact of Bible on African institutions such as marriage, polygamy, faith healing and rites of passage and other contemporary issues.

BARS 422 Religion Peace and Security **10 Credits**

The module looks at aspects of peace building, conflict transformation, post war reconstruction, mediation, rehabilitation, reconciliation and healing and people centered participatory development. While using biblical sources of sustainable peace building and exploring the theological bases for a just war theory and pacifism and shows how effective Christian non-violence can meet the multiple challenges of African conflict situations.

BARS 423 Religion, Entrepreneurship , Tourism and Sport **10 Credits**

The module examines the relationship between religion and entrepreneurship. It examines whether religion has any impact on decision-making that promotes economic growth, i.e. the decision to become an entrepreneur. It aims to shed light on two questions: (1) What are the channels by which religion influences economics and (2) Are the impacts on economic activity the same across all religions? The module also explores the contribution of spiritual/religious tourism, anchored on faith-based travel, as one of the segments of cultural tourism that has resulted in the growth of many economies. The need to balance between religion, 'tourismification' of cultural heritage assets and the law occupies a central place in the module where they are assessed as collaborators and competitors

BARP 491 Research Project **24 Credits**

The study of Religions in Africa will not be complete without an in-depth study of Islam's, beliefs and doctrines, as one of the major religions in Africa. The module shall discuss the historical development of Islam and the challenges of contemporary Muslims in Africa.

Bachelor of Arts Honours in History

Name of Program	Bachelor of Arts Honours in History
Duration	4 YEARS
Minimum Credit Load	540
Maximum Credit Load	480
Maximum MBKS Credits	408
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry; Five O level passes including English or the assessed equivalent and at least two A level passes including History	✓
Special Entry:	✓
Mature Entry:	✓

Graduation Requirements

	Notional Credits
General Courses	72
Core Courses	408
Total	**480**

Intended Learning Outcomes

Upon successful completion of the program a graduate will be able to:

- Ability to assess historical evidence and synthesize conflicting interpretations of events and processes in order to produce coherent narratives about the past.
- Ability to formulate and sustain tightly woven arguments based on diverse corpus of information such as archival records, oral traditions, oral interviews, policy documents, and newspapers accounts.
- Capacity to provide research consultancy and support services to diverse stakeholders and organizations.
- Appreciate the major theories, scholars and socio-political factors that have influenced historiographical trends over the years.

Program Assessment

Coursework	40% (Assignments, Quizzes, Presentations, Mid-Semester Exam, tests, etc.)
Final Examination	60%
Work Related Learning	Student Report (50%), Work Supervisor (30%), Academic Supervisor (20%)

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 111-412	Convocations	20	0	0
ORIE 100	Orientation	20	0	0
AGWE 111 – 112	Work Education	40	0	0
Languages and Communication				
HUMA 111	Communication Skills and Academic Writing	120	12	3

	Total	**120**	**12**	**3**
Health and Physical Education				
HLED 115	Health Education	120	12	3
	Total	**120**	**12**	**3**
Computers				
INSY 101	Introduction to Computer Information Technology	120	12	3
	Total	120	12	3
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	**120**	**12**	**3**
	Total	**720**	**72**	**18**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
BEMA 111	Themes in African History	120	12	3
BEMA 112	Economy and Society in Zimbabwe 1890	120	12	3
BEMA 113	Introduction to International Relations and Diplomacy	120	12	3
BEMA 114	Women in African History	120	12	3
BEMA 121	History of Zimbabwe 1890 -1980	120	12	3
BARM 122	Research Methods	120	12	3
BEMA 123	West Africa to Independence	120	12	3
BEMA124	Regional Co-operation in Africa	120	12	3
BEMA 211	Pre-colonial Southern Africa	120	12	3
BEMA 212	Zimbabwe since Independence	120	12	3
	Religion and Development	100	10	2.5
BEMA 213	Europe between 1789-1918	120	12	3
BEMA 214	Historiography and Historical Methods	120	12	3
BEMA 221	Demography, land and Agrarian Studies in Africa	120	12	3
BEMA 222	History of Latin America and the Caribbean to independence	120	12	3
BEMA 223	History of African Liberation Movements	120	12	3
BEMA 224	African Cultures and Heritage	120	12	3
WRLE 300	Work Integrated Learning /Industrial attachment	1200	120	30
BEMA 411	Race, Class and Ethnicity in Africa	120	12	3
BEMA 412	Indigenous Knowledge Systems in Africa	120	12	3

BEMA 413	History of Technology in Africa	120	12	3
BEMA 414	African Diaspora and International Migrations	120	12	3
BEMA 421	Medical History of Africa	120	12	3
BEMA 422	United States of America Since 1860	120	12	3
BARP 491	Research Project	240	24	6
	Total	**4080**	**408**	**102**
	Grand Total	**4080**	**408**	**102**

Course Schedule

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
BEMA 111	Themes in African History	120	12	3
BEMA 112	Economy and Society in Zimbabwe to 1890	120	12	3
BEMA 113	Introduction to International Relations and Diplomacy	120	12	3
BEMA 114	Women in African History	120	12	3
HUMA 111	Communication Skills and Academic writing	120	12	3
AGWE 111	Work Education	40	0	0
CONV 111	Convocation	20	0	0
	Total	**660**	**60**	**15**

Level I: Semester 2				
BEMA 121	History of Zimbabwe	120	12	3
BARM 122	Research Methods	120	12	3
BEMA 123	West Africa to Independence	120	12	3
BEMA 124	Regional Co-operation in Africa	120	12	3
THEO 126	Christian Beliefs	120	12	3
AGWE 112	Work Education	40	0	0
CONV 112	Convocation	20	0	0
	Total	**660**	**60**	**15**

Level II: Semester 1				
BEMA 211	Pre- colonial Southern Africa	120	12	3
BEMA 212	Zimbabwe Since Independence	120	12	3
BEMA 213	Europe between 1798-1918	120	12	3
BEMA 214	Historiography and Historical Methods	120	12	3
NSY 101	Computer Concepts and Applications			
CONV 211	Convocation	20	0	0
	Total	**620**	**60**	**15**

Level II: Semester 2				
BEMA 221	Demography, Land Agrarian Studies in Africa	120	12	3
BEMA 222	History of Latin America and the Caribbean to Independence	120	12	3
HST 223	History of African Liberation Movements	120	12	3
BEMA 224	African Cultures and Heritage	120	12	3
BEMA 115	Health Education	120	12	3
CONV 212	Convocation	20	0	0
	Total	**620**	**60**	**15**

Level III Semester 1 & 2				
WRLE 300	Work Related Learning Experience	1200	120	30
	Total	**1200**	**120**	**30**

Level IV: Semester 1				
BEMA 411	Race, Class and Ethnicity in Africa	120	12	3
BEMA 412	Indigenous Knowledge Systems in Africa	120	12	3
BEMA 413	History of Technology in Africa	120	12	3
BEMA 414	Africa Diaspora and International Migrations	120	12	3
BIO 420	Science of Origins	120	12	3
CONV 411	Convocation	20	0	0
	Total	**620**	**60**	**15**

Level IV: Semester 2				
BEMA 421	Medical History of Africa	120	12	3
BEMA 422	United States of America since 1860	120	12	3
BARP 491	Research Project	240	24	6
THEO 216	Philosophy of Christian Education	120	12	3
CONV 411	Convocation	20	0	0
	Total	**620**	**60**	**15**
	Grand Total	**4960**	**480**	**120**

Module Synopses

HUMA 111 Communication Skills and Academic Writing **12 Credits**

This course covers the communication process, models of communication and kind of communication. It emphasizes both oral and written communication which includes speech preparation, interviews and business communication. It is an introduction to the basic principles of academic research and the research process. It also focuses on different levels of research, types of research methods, techniques of research writing, methods of finding information, basics in analysis and presentation of data, bibliography styles, mechanics and format choices required for organizing scholarly research papers.

BIOL 420 Science of Origins **12 Credits**

Studies in the scientific explanation of origins in contrast with explanations derived from divine revelation. Selected critical approaches are examined and evaluated. It is taught to all students and is applicable to the General Education Requirement in natural Sciences. A photocopy of a recent magazine or journal cutting and summary is required.

THEO 126 Christian Beliefs **12 Credits**

The course is an introductory course for general students who need background in religious studies. It focuses on the biblical themes of revelation, the Christian God, salvation, God's law, the covenants, the Sabbath, the sanctuary, the Church, and the Second Advent of Jesus Christ.

THEO 216 Philosophy of Christian Education **12 Credits**

A study of aims, principles, and theory of education with special reference to church related schools. The foundational concepts and principles of philosophical thoughts and schools as they relate to education are represented from historical, political, cultural, and religious viewpoints. The Seventh-day Adventist philosophy of education will be highlighted.

HLED 115 Health Education **12 Credits**

This course presents principles of personal and community health: it is designed to promote health as outlined by the Bible and the spirit of prophecy and backed by Evidence Based Medicine. It is designed to identify unhealthy behaviour and be able to correct them. The course also educates and motivates students to adopt a healthier lifestyle and extend more than all technological wonders of modern medicines. The focus is prevention of disease by learning how to take care of oneself, family, community and environment. The major objective of the Aerobic health and fitness course has been to provide knowledge, attitudes and strong motivation and practice, instruction in the strong hope that each individual will make exercise a regular life practice.

INSY 101 Introduction to Information Technology **12 Credits**

The module introduces students to the role of computers in the business world and builds on the uses of different application packages in their field of study. It covers the following: basic fundamental concepts, management's need for information and types of systems, transaction processing as well as an industry specific project.

BEMA 111 Themes in African History **12 Credits**

This module exposes students to key themes in the evolution of African communities from the emergence of complex societies to the contemporary era of globalization. Themes covered include state formation, long distance trade, mercantile capitalism, slave trade, European imperialism, colonial administrative systems, colonial development policies and African reactions, Christianity, and Western education, growth of African nationalism, the struggles for independence, and globalization.

BEMA 112 Economy and Society in Zimbabwe to 1890 **12 Credits**

The module is a survey of Zimbabwe's social and economic developments since the emergence of complex societies to the eve of colonial rule. It interrogates the social, political and economic organization of small a cephalous communities and successive great states such as Mapungubwe, Great Zimbabwe, Mutapa, Torwa, and Rozvi. It ends with an examination of the implications of successive Nguni and European excursions and conquests of communities on the Zimbabwean plateau.

BEMA 113 Introduction to International Relations **12 Credits**

This module provides a broad introduction to international relations and diplomacy from a historical perspective, paying special attention to the political, military, economic, and cultural interactions of state and non-state actors at the global level over time. The module encompasses a diverse array of topics, from the causes of war to the politics of development, and from international institutions to the environment and equips students with analytic tools necessary to understand and evaluate complex issues affecting the contemporary world today.

BEMA 114 Women in African History **12 Credits**

The module examines African women's overlooked pre-colonial, colonial and post-colonial experiences. It also introduces students to theories of feminism and concepts such as gender and sex, gender sensitivity, gender equity and equality, affirmative action and gender mainstreaming. It also interrogates measures that have been put in place by various domestic and international institutions to promote gender equity and equality.

BEMA 121 History of Zimbabwe, 1890-1980 **12 Credits**

The module examines African responses to the imposition of colonial rule and subsequent experiences during the colonial interlude. It focuses on specific themes such as the establishment of the colonial settler economy, capitalist development, colonial land apportionment and African dispossession, urbanization and the growth of the manufacturing sector, trade unions and the beginnings of nationalism, the Federation of Rhodesia and Nyasaland, UDI and sanctions as well as the War of Liberation.
and economies, the growth of African Nationalism, and the struggle for national self-determination.

BARM 122 Research Methods **12 Credits**

The module equips leaners with the skills to methodically tackle the research process. It provides theoretical and practical guidance on how to conduct research in terms of choosing and formulating a topic, reviewing literature, referencing, proposal writing, choosing research designs and sampling, carry out comprehensive and systematic data analysis.

BEMA 123 West Africa to Independence **12 Credits**

The period covered by this module stretches from the origins of agriculture in West Africa to the attainment of independence in the 20th century. Topics include state formation, the Islamisation of West Africa and Islamic Revolutions, the Trans-Saharan trade, slavery, the Trans-Atlantic slave trade and Abolition, colonial administrative practices

BEMA 124 Regional Co-operation in Africa **12 Credits**

The module examines the growth and development of African efforts at regional cooperation in the form of groupings such as the AU, COMESA, SADC, ECOWAS, EAC and OPEC. It interrogates the socio-economic and political impact of such integration on member countries and third parties in general. It explores the role of these organizations in promoting peace and stability, social integration and assesses challenges that the organizations have encountered in relation to economic independence.

BEMA 211 Pre-Colonial Southern Africa **12 Credits**

The module focuses on the development of pre-colonial societies in the Southern African sub-region as well as the complex socio-economic relations between such groups as the San, the KhoiKhoi, the Bantu, and the European intruders. The module examines specific themes such as long distance trade in Southern Africa, the European occupation of the Cape, the Great Trek, Mfecane and its effects, mineral discoveries, colonial conquests and African responses as well as the beginnings of the industrialization of South Africa.

BEMA 212 Zimbabwe Since Independence **12 Credits**

The module assesses the efforts of the black majority government to address the socioeconomic and political challenges some of which are a legacy of colonialism. It also looks at how Zimbabwe has interacted with the international community. The module covers areas that include: the fruits of independence in the political and socio-economic spheres, economic challenges and adoption of Economic Structural Adjustment Program (ESAP) and political developments resulting from economic meltdown.

BEMA 213 Europe between 1789-1918 **12 Credits**

This module surveys the history of Europe from the French revolution of 1789 to the end of what has generally been defined in Eurocentric terms as World War 1. The genealogy of intellectual triggers of the French Revolution such as the ideals of 'liberty, fraternity and equality' will be examined. These ideals were subsequently improved and also challenged by the Napoleonic Wars, Concert of Europe, Congress system, revolutions and the Crimean War. The module ends with the post-World War 1 settlements and the formation of the League of Nations.

BEMA 214 Historiography and Historical Methods **12 Credits**

The module introduces students to definitive philosophical ideas, theories, ideologies, and socio-political contexts which have informed and shaped the development of history as a discipline. Students will be exposed to the interventions of critical thinkers such as Kant, Hegel, St Augustine, W Rodney, V Y Mudimbe, and M Mamdani. The module also exposes students to critical methods of understanding and studying history from Renaissance and Enlightenment historiography to the contemporary. It also evokes key historiographical conjectures in African history such as the nationalist historiographies of the 1950s and 1960s, the underdevelopment and dependency schools of the 1970s and the prevailing decoloniality perspectives.

BEMA 221 Demography, Land and Agrarian Studies in Africa **12 Credits**

The module examines the dynamic intersections of demography, land allocation regimes, and the agrarian question in various socio-spatial contexts and temporal zones such as the pre-colonial, colonial and post-colonial dispensations. The module also examines the diverse implications of demographic swelling and inequitable land distribution regimes such as wars and famines. The module concludes with a comparative assessment of agricultural performance in post-colonial Africa

BEMA 222 History of Latin America and the Caribbean to Independence **12 Credits**

The module discusses the organization of Latin American and Caribbean societies before European conquest. It also looks at European colonialism in the region, struggles for, and attainment of independence. The module covers the following topics: The economy, culture and society of the Aztec, Inca and Maya Empires, conquest of Mexico and Peru, colonial economy, Spanish political institutions and the independent trajectory of Spanish and Portuguese Latin America.

BEMA 223 History of African Liberation Movements **12 Credits**

The module focuses on African struggles against colonialism. It explores the strategies employed by Africans in the decolonization process such as constitutional settlements and liberation wars paying particular attention to their strengths and weaknesses. The module covers topics on decolonization movements in different African countries, armed struggles for independence in various countries on the continent, ideological inclinations of the liberation movements, their transnational links and legacies of African liberation movements.

BEMA 224 African Cultures and Heritage **12 Credits**

This module explores African cultures and heritage with particular reference to Zimbabwe. It defines and contextualizes the African people of Zimbabwe, their cultures, heritage and philosophies of life. The module also aims to sensitize Africans and Zimbabweans in particular to appreciate their cultures as resources for development. The rich and sacred heritage of Africa is of particular interest with a view to cultivate critical consciousness for the nation. The module shall emphasize on understanding and appreciating different African cultures and heritage. It carries an agenda that is in sync with decolonization and an African renaissance.

WRLE 300 Work Related Learning Experience **120 Credits**

This module enables students to develop the ability to translate theoretical knowledge to real-life experiences by applying practical skills in a proficient manner. The course also equips students with effective time management skills as well as work-related documentation processes, the importance of evidence-based research and the ability to draw together knowledge and skills from different disciplinary areas is inculcated.

BEMA 411 Race, Class and Ethnicity in Africa **12 Credits**

This context sensitive module examines and critiques classical and modern debates on race, class and ethnicity. It starts with definitions of these concepts and their contribution to social, economic and political "crises" in Africa. Cases of government usage of race and ethnicity to determine life chances and opportunities in different countries such as apartheid South Africa, the USA, 'colour blind' Brazil and the United Kingdom's settler colonies will be examined.

BARP 491 Research Project **24 Credits**

The module equips learners with the skills of carrying out the actual research and writing a research project data collection. The students are given an opportunity to research on a topic of their choice. With the guidance from a member of the academic staff as supervisor, the learners plan and design an independent research project which relates to their overall program of study. Candidates are expected to write a research project or dissertation of between 9 000-10 000 words excluding references in Times New Roman font size 12 and in double spacing.

BEMA 412 Indigenous Knowledge Systems in Africa **12 Credits**

The module considers Indigenous Knowledge Systems (IKS) in African Development. It examines the interaction of African IKS with the European systems and the resulting effect on both cultures. The module aims to examine the knowledge systems, ways of knowing, and worldviews indigenous people in Africa have constructed and drawn upon in relation to the context in which they are situated, explore ways in which IKSs have been adopted to 196 meet the contemporary imperatives of African people, review epistemological structures that distinguish IKSs from other knowledge systems, examine characteristics associated with IKS of African people and analyze some of the cultural considerations that come into play as indigenous people become Westernized.

BEMA 414 African Diaspora and International Migrations **12 Credits**

The module covers the status of slaves in various societies around the world. It traces the experiences of slaves in pre-colonial African societies, the Trans-Atlantic Slave Trade; and the prevailing modes of human subject hood in different parts of the world. It also discusses the emerging patterns of international voluntary migrations and refugee flows, post- World War II emigration from Europe, Asia and the Caribbean to North America and Western Europe and their consequences; causes and consequences of refugee flows specifically within Africa, refugee livelihoods, national and international laws and policies in international migrations and refugees.

BEMA 421 Medical History of Africa **12 Credits**

The module explores major themes in the medical history of Africa, such as the evolution of ideas about wellness and healing in the pre-colonial period, the dynamics of colonial and missionary medicine and Africa's medical history in the post-colonial period and its interface with indigenous knowledge systems. The module deals with the practice of traditional medicine in Africa since the pre-colonial period. It also explores the historical and philosophical background to the practice of African traditional medicine, its demonization during the colonial period and its revival after independence.

BEMA 422 United States of America since 1860 **12 Credits**

The module examines the domestic and foreign policies and practices of the United States during the period spanning from the American Civil War to the end of the Second World War. Particular attention is devoted to the rise of the United States as a super power. The module covers the following topics: Reconstruction after the Civil War (1865-1890), Progressivism and Idealism, The First World War, The Age of Prosperity and Depression, the New Deal and the Second World War, the USA in the Cold War, the USA and its super-power status in the unipolar world, and the USA and a resurgent China.

"History will be kind to me for I intend to write it"
Winston Churchill.

Bachelor of Science Honours in Peace and Security Studies

Name of Program	Bachelor of Science Honours in Peace and Security Studies
Duration	4 Years
Minimum Credit Load	480
Maximum Credit Load	540
Maximum MBKS Credits	408
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry; Five 'O' Level including English and two 'A' Level passes	✓
Special Entry: National Certificate (NC), National Diploma (ND), Higher National Diploma (HND) from a recognized institution.	✓
Mature Entry: Five 'O' level passes including English language. Candidates must be at least 25 years old and at least 5 years of experience in the area of Peace.	✓

Graduation Requirements

	Notional Credits
General Courses	72
Core Courses	408
Total	**480**

Intended Learning Outcomes

Upon successful completion of the program a graduate will be able to:

- Demonstrate knowledge and understanding in Peace studies
- Use principles of peace, conflict and security issues to gain a critical understanding of current problems and challenges in peacekeeping, peace building, reconciliation, security and post-conflict development.
- Use the necessary tools and skills for conflict resolution, peace building, peacekeeping and human security processes.
- Demonstrate understanding in the development of alternative paradigms of resolving conflicts and maintaining peace.
- Use appropriate research methods to create new insights into peace, conflict and security
- Communicate effectively and present information using multimedia to both experts and non-experts in the field of peace studies.

Program Assessment

Coursework	40 % (Assignments, quizzes, Presentations, Mid Semester Exams, etc)
Final Examination	60 %
Work Related Learning	Student's Report – 50%, Work Supervisor- 30% Academic Supervisor -20% etc.

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 111-412	Convocations	20	0	0
ORIE 111	Orientation	20	0	0
AGWE 111 – 112	Work Education	40	0	0

Languages and Communication				
HUMA 111	Communication Skills and Academic Writing	120	12	3
	Total	**120**	**12**	**3**
Health and Physical Education				
HLED 115	Health Education	120	12	3
	Total	**120**	**12**	**3**
Computers				
INSY 118	Introduction to Computer Information Technology	120	12	3
	Total	120	12	3
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
THEO 424	Church Heritage	40	0	0
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	120	12	3
	Total	**720**	**72**	**18**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
PSST 111	Introduction to Peace and Security	120	12	3
PSST 112	Human Security and Development	120	12	3
PSST 113	Peace, Leadership and Governance	120	12	3
PSST 114	Youth Conflict and Development	120	12	3
PSST 121	Conflict Transformation	120	12	3
PSST 122	Conflict Resolution Processes	120	12	3
PSST 211	Peace, Conflict and Security in Africa	120	12	3
PSST 212	Peace, Education and Development	120	12	3
PSST 213	Human Rights Law and Transitional Justice	120	12	3
BARM 110	Research Methods	120	12	3
PSST 221	Religious Peace and Conflict	120	12	3
PSST 222	Civil Society and Peace Building	120	12	3
PSST 223	Globalization, Conflict and Development	120	12	3
PSST 224	Gender, Peace and Security	120	12	3
PSST 225	Project Management	120	12	3
WRLE 300	Work Related Learning	1200	120	30
PSST 411	Electoral Processes in Africa	120	12	3
PSST 412	International Law	120	12	3
PSST 413	International institutions and Conflict Resolutions	120	12	3

PSST 414	Media and Conflict	120	12	3
PSST 421	Economics of Peace and Security	120	12	3
PSST 422	Civil Military Relations	120	12	3
PSST 423	Diplomacy	120	12	3
BARP 421	Dissertation	240	24	6
	Total	**4080**	**408**	**102**
	Grand Total	**4080**	**408**	**102**

Course Schedule

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
PSST 111	Introduction to Peace and Security	120	12	3
PSST 112	Human Security and Development	120	12	3
PSST 113	Peace, Leadership and Governance	120	12	3
INSY 118	Introduction to Technology	120	12	3
HUMA 111	Communication Skills and Academic Writing	120	12	3
CONV 111	Convocation	20	0	0
AGWE 111	Work Education	40	0	
	Total	**660**	**60**	**15**

Level I: Semester 2				
PSST 121	Conflict Transformation	120	12	3
PSST 122	Conflict Resolution Processes	120	12	3
THEO126	Christian Beliefs	120	12	3
PSST 124	Youth Conflict and Development	120	12	3
AGWE 122	Work Education	40	0	0
CONV 122	Convocation	20	0	0
CONV 112	Convocation	20	0	0
	Total	**540**	**48**	**12**

Level II: Semester 1				
PSST 211	Peace, Conflict and Security in Africa	120	12	3
PSST 212	Peace, Education and Development	120	12	3
PSST 213	Human Rights Law and Transitional Justice	120	12	3
BARM 210	Research Methods	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
CONV 211	Convocation	20	0	0
	Total	**620**	**60**	**15**

Level II: Semester 2				
PSST 221	Religious Peace and Conflict	120	12	3

PSST 222	Civil Society and Peace Building	120	12	3
PSST 223	Globalisation, Conflict and Development	120	12	3
PSST 224	Gender, Peace and Security	120	12	3
PSST 225	Project Management	120	12	3
HLED 125	Health Education	120	12	3
CONV 222	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level III Semester 1 & 2				
WRLE 300	Work Related Learning Experience	1200	120	30
	Total	**1200**	**120**	**30**

Level IV: Semester 1				
PSST 411	Electoral Processes in Africa	120	12	3
PSST 412	International Law	120	12	3
PSST 413	International institutions and Conflict Resolutions	120	12	3
PSST 414	Media and Conflict	120	12	3
BIO 420	Science of Origins	120	12	3
CONV 411	Convocation	20	0	0
	Total	**620**	**72**	**15**

Level IV: Semester 2				
PSST 421	Economics of Peace and Security	120	12	3
PSST 422	Civil Military Relations	120	12	3
PSST 423	Diplomacy	120	12	3
BARP 421	Dissertation	240	24	6
THEO 424	Church Heritage	40	0	0
CONV 421	Convocation	20	0	0
	Total	**660**	**60**	**15**
	Grand Total	**5000**	**480**	**120**

Module Synopses

HUMA 111 Communication Skills and Academic Writing **12 Credits**

This course covers the communication process, models of communication and kind of communication. It emphasizes both oral and written communication which includes speech preparation, interviews and business communication. This is an introduction to the basic principles of academic research and the research process. It also focuses on different levels of research, types of research methods, techniques of research writing, methods of finding information, basics in analysis and presentation of data, bibliography styles, mechanics and format choices required for organizing scholarly research papers.

BIOL 420 Science of Origins **12 Credits**

Studies in the scientific explanation of origins in contrast with explanations derived from divine revelation. Selected critical approaches are examined and evaluated. It is taught to all students and is applicable to the General Education Requirement in natural Sciences. A photocopy of a recent magazine or journal cutting and summary is required.

THEO 126 Christian Beliefs **12 Credits**

The course is an introductory course for general students who need a background in religious studies. It focuses on the biblical themes of revelation, the Christian God, salvation, God's law, the covenants, the Sabbath, the sanctuary, the Church, and the Second Advent of Jesus Christ.

THEO 216 Philosophy of Christian Education **12 Credits**

A study of aims, principles, and theory of education with special reference to church related schools. The foundational concepts and principles of philosophical thoughts and schools as they relate to education are represented from historical, political, cultural, and religious viewpoints. The Seventh-day Adventist philosophy of education will be highlighted.

HLED 125 Health Education **12 Credits**

This course presents principles of personal and community health: it is designed to promote health as outlined by the Bible and the spirit of prophecy and backed by Evidence Based Medicine. It is designed to identify unhealthy behaviour and be able to correct them. The course also educates and motivates students to adopt a healthier lifestyle and extend more than all technological wonders of modern medicines. The focus is prevention of disease by learning how to take care of oneself, family, community and environment. The major objective of the Aerobic health and fitness course has been to provide knowledge, attitudes and strong motivation and practice instruction in the strong hope that each individual will make exercise a regular life practice.

INSY 118 Introduction to Technology **12 Credits**

An introduction to personal computing including hardware, operating systems, or office applications (word processing, spreadsheets and databases) and the internet.

PSST 111 Introduction to Peace and Security **12 Credits**

The module focuses on important theories that inform conflict and peace building processes and their relationship to development. It also introduces students to key issues and debates in peace and conflict studies. The module traces the History of peace and conflict studies as a new sub-discipline, and highlights global developments that continue to make it dynamic and relevant.

PSST 112 Human Security and Development **12 Credits**

The module focuses on concepts that broaden the scope of security analysis and policy from territorial security to security of individuals. It deals with the protection of an individual's personal safety and freedom from direct and indirect threats that are physical or psychological. The module examines threats to human security that include environmental destruction, overpopulation, the spread of infectious diseases, poverty, human rights abuses among others.

PSST 113 Peace, Leadership and Governance **12 Credits**

The module introduces students to both the traditional and modern models of leadership. It also focuses on leadership ethics and different forms of governance that either promote or disrupt peace.

PSST 114 Youth, Conflict and Development **3 Credits**

The module focuses on the role that the youth play in conflict and peace processes. Their involvement in violent conflict, peace-building processes as well as their potential contribution to socio-economic and political development of Africa is examined.

PSST 121 Conflict Transformation **12 Credits**

This module examines the key theories, issues, debates and challenges in conflict transformation. The module with the use of various and diverse case studies also from different societies examines multiple practical aspects of conflict transformation.

PSST 211 Peace, Conflict and Security in Africa **12 Credits**

The module focuses on the causes, challenges and opportunities of peace and security in Africa. It also examines the diversity and complexity of conflicts and cases of successful conflict management and resolution.

BARM 190 Research Methods **12 Credits**

The module introduces students to qualitative and quantitative research methods.

PSST 122 Conflict Resolution Processes **12 Credits**

This module introduces students to contemporary Conflict Resolution theory and practice. The focus, however, will be on practical application, while sufficient attention will be given to theory. The module is consciously focused on the African context though references to conflicts in other parts of the world may also be drawn. An exploration of conflict resolution models and theories will be made, though the major focus will be on their applicability. The module explores conflict resolution as a field of inquiry and research; perspectives, theories, and assumptions underlying conflict analysis and conflict resolution; contending approaches to conflict resolution training and practice.

PSST 212 Peace Education and Development **12 Credits**

The module examines crucial interrelationships that can be fostered through peace education. It focuses on methods that can be implemented by society through equipping citizens about peace building. Peace education is considered important to institutions such as the education, media and military institutions

PSST 213 Human Rights Law and Transitional Justice **12 Credits**

The module enables students to achieve knowledge of human rights law, and to develop their insights in a unique branch of law dealing with contemporary humanitarian problems. Through the module, students are equipped with a critical explanation and evaluation of the nature of, and theories behind, human rights law. Mechanisms of enforcement of human rights law are also covered, as well as transitional justice theory and practice for sustainable peace.

PSST 221 Religion, Peace and Conflict **12 Credits**

The module examines the role played by religion in integrating and disintegrating societies. It emphasizes the central role that religion plays in comprehending peace and conflict. The module examines the impact of religion on peace and conflict across the world.

PSST 222 Civil Society and Peace Building **12 Credits**

This module explores and analyses the emergence of civil society organizations that focus on social service delivery, development, advocacy and democratization processes of peace. The focus on human security through civil society organizations in communities is emphasized.

PSST 223 Globalisation, Conflict and Development **12 Credits**

This module provides students with theoretical perspectives to critically analyse (a) the continuing relevance of the state and (b) positive and negative consequences of globalization processes for various dimensions of security, such as military, political, economic, cultural and psychological.

PSST 224 Gender, Peace and Security **12 Credits**

This module examines the theoretical approaches to gender peace and security, development theory, and feminist critiques. It examines gendered expectations and power relations in conflict and peace processes. The varied roles played by men and women in peace building processes are also explored.

PSST 225 Project Management **12 Credits**

The module is primarily about the rationale, context, and methods of planning, appraising and evaluating development projects and programs. The module primarily focuses on appraising the financial and economic efficiency of peace related projects. The module covers planning and management techniques for the project cycle; including project identification and logical framework analysis. Conflict sensitive approaches to programming are key for this module.

PSST 300 Work Related Learning Experience **120 Credits**

This is meant to allow students to master workplace competencies in the real world of work and to develop the professional attributes that allows theory to be matched with practice. During this period the students will be assessed by the employer and academic supervisor. The student is expected to submit a report for examination at the end of the year.

PSST 411 Electoral Processes in Africa **12 Credits**

The module focuses on the design, mechanisms and effects of different electoral systems at local, national, regional and supranational levels. The module explores the different electoral processes and their contribution to different governance systems.

PSST 412 International Law	**12 Credits**
The module provides students with an understanding of the nature, sources and institutions of international law. The area of international law is largely concerned with the rights and obligations of states. The question of the sovereign government system vis a-vis collective governance systems of peace will be explored.	
PSST 413 International Institutions and Conflict Resolution	**12 Credits**
This module identifies the contributions of international institutions to peace building processes. The aim of the module is to equip students with knowledge about international actors and how law is applied and implemented in international politics, with a focus on international peace and security.	
PSST 414 Media and Conflict	**12 Credits**
The module focuses on the role media plays in conflict situations. It explains the positive and negative roles that can be potentially played by the media through representation techniques. This module also considers the many, and often conflicting roles of the media in conflict and peace building processes. It raises questions of 'who' controls the media institutions and with 'what' effect when it comes to issues of peace and conflict.	
PSST 421 Economics of Peace and Security	**12 Credits**
This module explores the interface between the economy, peace and governance systems. It provides a contextual, theoretical and practical understanding of the economic and financial aspects of the security-development nexus. A number of economic models, their evolution and their place in governance and the cost conflicts particularly war will also be examined.	
PSST 422 Civil-Military Relations	**12 Credits**
The module interrogates various areas that concern civil-military relationships such as the manner in which political leaders, societies and military organizations interact. It also explores the attitudes and values of military and civilian populations within a society.	
PSST 423 Diplomacy	**12 Credits**
The module introduces the student to diplomatic skills that are used in ending conflict. It introduces those to both Western and African indigenous ways of diplomacy. Emphasis will be placed on the modern pioneering influence of diplomacy through the Treaty of Westphalia, Congress of Vienna and Paris Peace Conference to contemporary diplomatic practice.	
BARP 421 Dissertation	**24 Credits**
Students shall carry out research on a topic of their choice concerning pertinent issues in peace, conflict, reconciliation and related issues. The maximum length of the dissertation should be 20 000 words.	

"Peace does not mean an absence of conflicts; differences will always be there. Peace means solving these differences through peaceful means; through dialogue, education, knowledge; and through humane ways"

The Dalai Lama.

CHAPTER TWO

FACULTY OF BUSINESS ADMINISTRATION

Dean – Dr. Ivonne Ndlovu, PhD
Chairperson - (Accounting, Finance and Information Systems) – Reaboka Kitso Noko, ACCA, MCom
Chairperson - (Management, Marketing, MBA) – Khanyisa Malufu, PhD

Departments and Degrees Offered

A. Department of Accounting, Finance and Information Systems

- Bachelor of Commerce Honours in Accounting
- Bachelor of Science Honours in Information Systems
- Bachelor of Commerce Honours in Finance

B. Department of Management, Marketing and MBA

- Bachelor of Commerce Honours in Business Management
- Bachelor of Commerce Honours in Marketing
- Masters of Business Administration (MBA)

Philosophy

The Faculty of Business Administration is committed to prepare students that will "add value" to organizations facing emerging changes, challenges and trends in the business world. It is determined to equip students with appropriate managerial competences and analytical skills suitable for the modern technology environment which enables them to make informed decisions. The faculty integrates business ethics with Christian values in all activities.

Mission Statement

The Faculty of Business Administration exists to provide quality, holistic and transformational academic delivery, research, mentoring and building sustainable relationships with students and industry based on the Seventh-day Adventist church philosophy of Education in order to equip students for useful service to God and the community, and to enjoy productive lives.

Department of Accounting, Finance and Information Systems

Chairperson: Reaboka Kitso Noko, ACCA, MCom

Full Time Lecturers

- Samuel Mwanza, MCom
- Reaboka Kitso Noko, MCom
- Charity Ncube, MCom
- Homebound Mashoko, MCom
- Khanyisa Malufu, MCom

Adjunct Lecturers

- Phatisani Gumede
- Precious Mushambi
- Emmanuel Ncube
- Bhekimpi Ndiweni
- Dumisani Lawrence Nyathi
- Japhet Mutale
- Pholani Ndlovu
- Dennis Chiwanga
- Andrew Mangena
- Shakemore Chinofunga
- Newton Mavu

- Samantha Mavura Nyamayaro
- Dr. Banele Dhlamini
- Simbai Doro
- Nolwazi Ncube
- Moyo Babongile Phionah
- Siziba Obvious (Nee Ncube)

Mission Statement
The Department of Accounting, Finance and Information Systems exists to prepare business students with hands-on-skills and knowledge in accountancy, finance and information technology for the diverse sectors of the economy through rigours of problem solving, case study, theory and Work Experience discerned from qualified, experienced competent lecturers. It aims to send to the business world quality and proficient graduates who strive for leadership through research, scholarship and continually upgrading our programs.

Career Opportunities
A graduate from BCom Honours in Accounting, BCom Honours Finance and BSc Honours in Information Systems may be employed as:

Accounting:
- Financial Accountant
- Tax Accountant
- Government Accountant
- Management Accountant
- Chief Financial Officer
- Internal/External Auditor
- Cost-Accountant Manager
- Finance Director, etc.

Information Systems:
- Software & Hardware Engineer
- Information Systems Analyst/designer
- Applications Development programmer
- Data Administrator
- Information Systems Manager
- Information Technology Consultant, etc.

Finance:
- Financial Planner
- Financial Analyst
- Budget Analyst
- Commercial Real Estate Agents Investment bankers
- Fund managers
- Personal financial planners & advisors
- Credit Analyst
- Risks specialists

PROGRAM CURRICULAR IN THE DEPARTMENT

Bachelor of Commerce Honours in Accounting

Name of Program	Bachelor of Commerce Honours in Accounting
Duration	4 Years
Minimum Credit Load	480
Maximum Credit Load	540
Maximum MBKS Credits	432
ZNQF Level	8

Entry Requirements	TICK
Normal Entry: Five 'O' Levels including English and Mathematics, two A' Level passes in Commercial subjects.	✓
Special Entry: National Certificate (NC), National Diploma (ND), Higher National Diploma (HND) in Accounting from recognized institutions or assessed equivalent. Holders of a National Diploma in Business of Equivalent from an accredited and recognized Polytechnic College or an institution or equivalent.	✓
Mature Entry: Applicants should be 23 years of age and at least 2 years of experience in the relevant field. Five "O" level subjects, including English Language and Mathematics	✓
Other: Holders of a completed ACCA qualification, such students may be offered exemptions of up to 54 credits but required to do the mandatory general courses. Holders of Other Professional Qualifications may be granted exemptions on Merit on a Case by Case Basis.	✓

Graduation Requirements

	Notional Credits
General Courses	108
Core Courses	432
Total	**540**

Intended Learning Outcomes

By the end of the program a graduate will be able to:

- Identify, analyze, evaluate and solve problems in core areas of accounting; auditing; taxation and financial management
- Reflect on their decisions and applications in these fields to assess the effect thereof in the holistic context of accounting as a practice and demonstrate initiative and responsibility, and that shall enable the development of leadership qualities
- Prepare financial statements of a single entity and / or a group of entities in accordance to International Financial Reporting Standards (IFRS) and the relevant applicable legal and financial reporting frameworks
- Carryout audit activities of various types of clients in various industries in accordance to International Standards on Auditing (ISA)

Program Assessment

Coursework	40% (Assignments, Quizzes, Tests, Practical, Mid Semester Exam, etc.)
Final Examination	60%
Industrial Attachment	Student's report (50%), assessment by work supervisor (30%), and assessment by Academic supervisor (20%).

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 111-412	Convocations	20	0	0
ORIE 111	Orientation	20	0	0
AGWE 111 – 112	Work Education	40	0	0

Health and Physical Education				
HLED 115	Health Education	40	12	3
	Total	**160**	**12**	**3**
Languages and Communication				
HUMA 111	Communication Skills and Academic Writing	120	12	3
	Total	**120**	**12**	**3**
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	120	12	3
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
	Total	**280**	**24**	**6**
Departmental Courses				
BSAD 298	Research Methods	120	12	3
MGMT 155	Principles and Practices of Management	120	12	3
ACCT 227	Accounting Software, Artificial Intelligence and Information Systems Auditing	120	12	3
MGMT 128	Business Ethics & Corporate Governance	120	12	3
	Total	**580**	**48**	**12**
	Total Credits	**1120**	**108**	**27**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
ACCT 110	Financial Accounting I A	120	12	3
ACCT 120	Financial Accounting I B	120	12	3
ACCT 210	Financial Accounting IIA	120	12	3
ACCT 213	Audit Skills	120	12	3
ACCT 214	Tax Law & Practice I	120	12	3
ACCT 220	Financial Accounting IIB	120	12	3
ACCT 223	Audit Process	120	12	3
ACCT 224	Tax Law & Practice II	120	12	3
ACCT 225	Management & Cost Accounting I	120	12	3
BSIA 300	Industrial Attachment	1200	120	30
ACCT 410	Financial Reporting	120	12	3
ACCT 413	Audit Skills, Theory & Practice	120	12	3
ACCT 415	Management & Cost Accounting II	120	12	3
ACCT 418	Accounting Information Systems	120	12	3
ACCT 420	Advanced Financial Accounting	120	12	3
ACCT 423	Advanced Auditing	120	12	3
ACCT 425	Strategic Management Accounting	120	12	3

ACCT 427	Financial Management	120	12	3
ACCT 419	Research and Innovation Project	240	24	6
ECON 111	Principles of Microeconomics	120	12	3
ECON 121	Principles of Macroeconomics	120	12	3
FNCE 211	Corporate Finance	120	12	3
INSY 104	Introduction to Information Technology & Programming	120	12	3
MGMT 121	Business Law	120	12	3
MGMT 212	Company Law and Practice	120	12	3
STAT 180	Quantitative Analysis of Business	120	12	3
	Total	**4320**	**432**	**108**
	Grand Total	**5440**	**540**	**135**

Course Schedule

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
ACCT 110	Financial Accounting, I A	120	12	3
HUMA 111	Communication Skills & Academic Writing	120	12	3
INSY 104	Introduction to Information Technology and Programming	120	12	3
STAT 180	Quantitative Analysis of Business	120	12	3
ECON 111	Principles of Microeconomics	120	12	3
MGMT 115	Principles of Management	120	12	3
AGWE 121	Work Education	40	0	0
CONV 111	Convocation	20	0	0
	Total	**780**	**72**	**18**

Level I: Semester 2				
ACCT 120	Financial Accounting IB	120	12	3
ECON 121	Principles of Macroeconomics	120	12	3
MGMT 122	Business Law	120	12	3
MGMT 128	Business Ethics & Corporate Governance	120	12	3
THEO 126	Christian Beliefs	120	12	3
HLED 125	Health Education	120	12	3
AGWE 122	Work Education	40	0	0
CONV 112	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level II: Semester 1				
ACCT 210	Financial Accounting IIA	120	12	3
ACCT 213	Audit Skills	120	12	3
MGMT 212	Company Law and Practice	120	12	3
FNCE 211	Corporate Finance	120	12	3

ACCT 214	Tax Law and Practice 1	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
CONV 211	Convocation	20	0	0
	Total	**720**	**72**	**18**

Level II: Semester 2				
ACCT 220	Financial Accounting IIB	120	12	3
ACCT 225	Management & Cost Accounting I	120	12	3
ACCT 224	Tax Law & Practice II	120	12	3
ACCT 223	Audit Process	120	12	3
ACCT 227	Accounting Software, Artificial Intelligence and Information Systems Auditing	120	12	3
BSAD 228	Business Research Methods	120	12	3
CONV 212	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level III Semester 1 & 2				
BSIA 301	Industrial Attachment	1200	120	30
	Total	**1200**	**120**	**30**

Level IV: Semester 1				
ACCT 410	Financial Reporting	120	12	3
ACCT 413	Audit Skills, Theory & Practice	120	12	3
ACCT 418	Accounting Information Systems	120	12	3
ACCT 415	Management & Cost Accounting II	120	12	3
ACCT 429	Research and Innovation Project	240	24	6
CONV 411	Convocation	20	0	0
	Total	**720**	**72**	**18**

Level IV: Semester 2				
ACCT 420	Advanced Financial Accounting	120	12	3
ACCT 427	Financial Management	120	12	3
ACCT 425	Strategic Management Accounting	120	12	3
ACCT 423	Advanced Auditing	120	12	3
BIOL 420	Science of Origins	120	12	3
CONV 412	Convocation	20	0	0
	Total	**620**	**60**	**15**
	Grand Total	**5400**	**540**	**135**

Module Synopses

ACCT 110 Financial Accounting IA **12 Credits**

The module focuses on principles and techniques of Financial Accounting and their application to the preparation of financial statements of sole traders, partnerships, limited companies and non-profit making organisations culminating in analysis and interpretation of financial data. The course also introduces students to International Financial Reporting standards (IFRS) and the role of the International Federation of Accountants (IFAC)

ACCT 120 Financial Accounting IB **12 Credits**

The module builds on the foundation laid in Financial Accounting IA. The module aims at developing a thorough understanding of the practical framework of Accounting and an ability to prepare, analyse and interpret financial statements. It covers the following areas of study: Accounting for limited companies, published accounts analysis and interpretation of final accounts, cash flow statements as well as latest developments of International Financial Reporting Standards (IFRS) applications in relation to the areas covered.

ACCT 210 Financial Accounting IIA **12 Credits**

The module builds on the foundation laid in Financial Accounting IA and IB. The module aims at providing students with knowledge of Accounting as related to partnership, accounting for specialized transactions, interpretation of financial statements, published accounts etc. In addition, detailed application of selected IFRS will be conducted.

ACCT 213 Audit Skills **12 Credits**

The module is meant to provide an understanding of the nature, purpose and scope of Auditing, principles of Auditing and application of ISA. It also addresses the role of the external audit, planning, current issues in Auditing and its regulatory framework.

ACCT 214 Tax Law and Practice **12 Credits**

The module introduces students to the role of tax in an economy and goes on to the applications of the Income Tax and Finance Acts sections relevant to the taxation of an individual in respect of employment income. It also covers taxation of estates, tax administration and allowable deductions as well as the third schedule of the Income Tax Act. Basic Value Added Tax (VAT), Capital Gains Tax and Corporate Tax is also introduced in this course.

ACCT 220 Financial Accounting IIB **12 Credits**

This is a continuation of Financial Accounting IIA. The module aims at helping students develop a thorough understanding of the practical framework of accounting and imbibe an ability to apply the International Financial Reporting Standards (IFRS), Financial Reporting Standards as adopted by the Public Accountants and Auditors Board (PAAB) in Zimbabwe. Students are also introduced to the basic principles of Group Accounting

ACCT 223 Audit Process **12 Credits**

The module focuses on the performance of the audit process and its application in the context of the regulatory framework and for business control and development.

ACCT 224 Tax Law & Practice 2 **12 Credits**

The course continues from ACCT 214, culminating in the computation of tax payable by individuals in employment, as well as the tax position of landlords. Aspects of taxation such as PAYE, deceased estates and double taxation agreements are covered. Administration provisions of the Income Tax Act are also dealt with. The module deals with the taxation of persons other than individuals, including businesses, companies, trusts and deceased estates. Taxes other than income tax are dealt with viz. capital gains tax, indirect taxes, tax planning, tax incentives as well as capital allowances relating to growth points, export processing zones and farmers and miners.

ACCT 225 Management and Cost Accounting I **12 Credits**

The course aims at providing an understanding of the principles, concepts and techniques of Management and Cost Accounting and helps students develop an ability to apply this knowledge to practical situations related to cost ascertainment, cost control and planning.

FNCE 211 Corporate Finance **12 Credits**

The aim of the course is to identify the objective that Corporate Finance managers pursue or ought to pursue in order to satisfy the needs of corporate stakeholders and to develop, in students, concepts and corporate analytical tools that shall enable them to meet this objective. To this end, the module shall cover the following critical areas: Goals of a firm and the agency theory; Time value concepts and valuation of bonds and shares; Capital Budgeting under certainty; Operating and financial leverage; Introduction to portfolio theory and capital asset pricing; the stock market and other sources of long-term capital; innovations in Corporate Finance.

MGMT 212 Company Law and Practice **12 Credits**

To provide knowledge and understanding of the nature and basic principles of law related to Limited Liability Companies, Partnerships, Company Secretarial Practice, Meetings and Elements of Labour Law and Labour relations.

ACCT 410 Financial Reporting **12 Credits**

The module focuses on Accounting Theory and current issues relating to financial reporting. It concentrates on the role of Accounting Theory, users and objectives of corporate reports, Accounting for price level changes, analysis and interpretation of financial statements, cash flow statements and application of International Financial Reporting Standards (IFRS).

ACCT 227 Accounting Software, Artificial Intelligence and Information Systems Auditing 12 Credits

Due to the changing modern business environment it is imperative that students are engaged in computer-based systems and information systems. They should be acquainted with the procedures of data capture and updating, procedures over standing data, extraction of activity reports and security procedures on how to back up and restore data. This course is designed to introduce students to accounting software packages such as Pastel Accounting SunPlus, Audit CaseWare, and other Artificial Intelligence (AI) tools in accounting and Auditing. The students will be expected to setup a company in create a chart of accounts, process journals, processing cash book transactions, extraction of reports i.e. Financial Statements. The AI aspect of the course develops among students a working knowledge of expert systems as well as the understanding of the application of artificial reasoning in industrial processes. Topics covered include: An introduction to intelligence, historical and current trends and characterization of knowledge-based systems, Search, logic and deduction, Knowledge representation, production system, expert systems, architecture of expert systems, criteria for selecting expert system shells, end-user interface, developer interface, system interface, inference engine, knowledge base, data interface. The fundamental concepts of the information technology audit and control function are introduced for example Audit CaseWare. The main focus is on understanding information controls, the types of controls and their impact on the organization, and how to manage and audit them. The concepts and techniques used in information technology audits will be presented. Students will learn the process of creating a control structure with goals and objectives, audit an information technology infrastructure against it, and establish a systematic remediation procedure for any inadequacies. The challenge of dealing with best practices, standards, and regulatory requirements governing information and controls is addressed. The course prepares students for the modern business environment by teaching key computer-based information system skills, including data handling, report generation, and data security. It provides hands-on experience with accounting software like Pastel Accounting, SunPlus, and Audit CaseWare, as well as AI tools used in accounting and auditing. Students learn to set up companies, manage financial transactions, and produce financial reports. The AI section covers expert systems, artificial reasoning, and knowledge-based system architecture. The course also introduces IT audit concepts, focusing on control structures, auditing processes, and compliance with industry standards and regulations.

BSIA 301 Industrial Attachment **120 Credits**

Approved industrial attachment of not less than eight (8) months and not more than twelve (12) months is aimed at providing third year students with a practical exposure to the live Travel, Leisure and Recreation Industry. The candidate is expected to rotate the various departments of the organization to which he/she will be attached to enable them to be exposed to all functions of that organisation. The candidate must be appraised by each departmental supervisor who assigns the student day to day duties and a percentage score should be given before leaving for the next department. The module is a problem-based report developed by the candidate during internship. The thrust of the report is to relate theory covered in the university to practice. It follows a schematic report layout covering issues such as, company background, departments attached, challenges encountered, new issues learnt, any gap between information covered in the University, review of related literature to issues covered, comparison of practical issues and reviewed literature, any gap and conclusions and recommendations to the company and the University. A guideline to the development of the report is issued to the candidates as a module outline.

ACCT 413 Audit Skills, Theory and Practice **12 Credits**

The module builds on the basic principles and techniques acquired in Part II of the Auditing modules. It seeks to consolidate students' grasp of Auditing theory and the latest Auditing techniques and practices as enunciated in the International Standards on Auditing (ISAs). Legal aspects affecting auditors are considered in detail so that students may grasp the importance of reducing the Audit Risk from a legal point of view.

ACCT 415 Management & Cost Accounting II **12 Credits**

The module is a continuation of the Management and Cost Accounting I (ACCT 225) and seeks to consolidate students' knowledge and understanding in behavioural aspects of Management and Cost Accounting, covering Management & Cost Accounting, Budgetary Control, Standard Costing and current issues in Management Accounting.

ACCT 418 Accounting Information Systems **12 Credits**

The module builds on the information systems acquired in Part II. It seeks to consolidate the developments, installation and management of Information Systems. It emphasizes on the understanding of Information Technology and information systems concepts with regard to planning, organizing, controlling and decision making of an organisation as well as use of information technology tools.

ACCT 420 Advanced Financial Accounting **12 Credits**

The course is a continuation of the Financial Reporting and Financial Accounting II modules. It aims at students having a thorough knowledge of Advanced Accounting principles and practices as they apply to the rapidly changing international business environment. It focuses on group financial statements, accounting for foreign currency transactions, valuation of businesses, re-organisations, mergers and takeovers and deferred taxation and relevant International Financial Reporting Standards (IFRS).

ACCT 423 Advanced Auditing **12 Credits**

The course is a continuation of the ACCT 413 and Part II Audit courses. The module seeks to provide a comprehensive knowledge of the financial reporting and auditing provisions of the Companies Act Chapter 24:03 and focuses on Auditing issues and disclosure aspects of Financial Statements and specialized Audits and Investigations. It also covers Computer Auditing.

ACCT 425 Strategic Management Accounting **12 Credits**

The module is a continuation of the Management and Cost Accounting II (ACCT 415) and discusses the characteristics of strategic Management Accounting decisions, including but not limited to performance evaluation, control quantitative techniques, TQM, ABC and non-financial performance measures.

ACCT 427 Financial Management **12 Credits**

The course focuses on the advanced principles, concepts and techniques used in making financial management decisions. It aims at ensuring that the students understand the concepts and applications behind theoretical models, select the techniques most appropriate to optimize the employment of resources, treasury management function, working capital etc. Financial Risk Management techniques, interest rate and foreign currency activities are discussed in this course.

ACCT 429 Research and Innovation Project **24 Credits**

This module guides and tests the student's ability to actualize the theoretical problem-solving skills acquired in earlier research methods modules such as Research Methods and Data Analysis. Students will be expected to competently tackle all the stages of a dissertation starting from formulating research proposals, that is, review of literature, identifying research problems, formulating a research design, design of data collection instruments, data collection, data cleaning, data analysis, interpretation and presentation. Students will be provided with the written departmental guidelines on writing dissertations.

HUMA 111 Communication Skills and Academic Writing **12 Credits**

This course covers the communication process, models of communication and kind of communication. It emphasizes both oral and written communication which includes speech preparation, interviews and business communication. This is an introduction to the basic principles of academic research and the research process. It also focuses on different levels of research, types of research methods, techniques of research writing, methods of finding information, basics in analysis and presentation of data, bibliography styles, mechanics and format choices required for organizing scholarly research papers.

BSAD 298 Research Methods **12 Credits**

Business Research Methods is based on a proactive approach to the management of business information and the application of that information to business decisions. If done properly business research can provide you with valuable insights concerning markets, customers, products, organisational resources and business strategy. If done incorrectly, research methods can provide the decision maker with a false sense of validity and integrity, leading to misguided and costly decisions. It will ensure students can: address a management decision problem and a business research problem, and discuss the differences between them, plan, conduct and interpret a focus group, create a strategy for increasing survey response rates, differentiate between situations that call for survey, and situations that call for observational research, create and conduct a small survey, scale and questionnaire techniques, recommend the best sampling technique for different situations and defend that recommendation, create a frequency distribution and a cross-tabulation, conduct basic statistical analysis on the data, and summarize the results in clear language and write a business research report

ECON 111 Principles of Microeconomics **12 Credits**

The course provides a basic foundation for the subject matter of Economics to enable students to prepare themselves to use the concept of rationality to analyze behavior at a micro level. The course includes: Definitions of Economics, Evaluation and Development of Socio-Economic systems, Factor Prices, Pricing and Production Certainty and Uncertainty in Economic theory, Markets and Economic Decision-making.This module will study markets and the decision making embedded therein. It will discuss standard economic arguments that free markets work, the conditions under which these arguments are most believable, and policy options when these conditions are not met. The module will examine both competitive markets, for which basic models of supply and demand are most appropriate, and markets in which agents act strategically, for which game theory is the more appropriate tool. The module will cover, inter alia, economic theory and the market economy, consumer theory, choice under uncertainty, production and costs, efficiency and trade, market equilibrium, game theory and imperfect competition. The economic laws of demand and supply will be considered in detail.

ECON 121 Principles of Macroeconomics **12 Credits**

This course seeks to introduce students on how economic aggregates such as national income, investment, savings, taxation, imports, exports, government expenditure, fiscal and monetary policies, employment/unemployment and inflation are related to micro economic behavior. Emphasis is put on the definition; measurement and interlinkages these so that students can be prepared for more advanced policy formulation and implementation.

The course is designed to address how economists model the relationships between aggregate economic variables and examine how various fiscal and monetary policies can affect the results. The main goal is to improve students' economic literacy and ability to apply economic models to analyse real world events. This module will be taught from an equilibrium perspective. This means the module will work with economic agents that optimize and with aggregate consistency conditions. Along with building basic economics intuition, the module will be centred on constructing and understanding macroeconomic models. These models will be used to discuss the theory of long-run economic growth and short-run economic fluctuations and to analyse macroeconomic policy, in particular fiscal policy.

HLED 125 Health Education **12 Credits**

This course presents principles of personal and community health: it is designed to promote health as outlined by the Bible and the Spirit of Prophecy and backed by Evidence Based Medicine. It is designed to identify unhealthy behaviour and be able to correct them. The course also educates and motivates students to adopt a healthier lifestyle and extend more than all technological wonders of modern medicines. The focus is prevention of disease by learning how to take care of oneself, family, community and environment. The major objective of the Aerobic health and fitness course has been to provide knowledge, attitudes and strong motivation and practice instruction in the strong hope that each individual will make exercise a regular life practice.

THEO 126 Christian Beliefs **12 Credits**

An introductory course for students in the area of religious studies. It focuses on the biblical themes of Revelation, the Christian's God, Salvation, God's Law, the Covenants, the Sabbath, the Sanctuary, the Church, and the Second Advent of Jesus Christ.

INSY 104 Introduction to Information Technology & Programming **12 Credits**

The module aims at Introducing Information Technology to students. It aims at strengthening the understanding, use of computers, fundamental concepts, information system concepts, types of systems, transaction processing etc. in addition, this module examines the concepts and structures governing the design and implementation of programming languages. It presents an introduction to the concepts behind compilers and runtime representations of programming languages; features of programming languages supporting abstraction and polymorphism; and the procedural, functional, object-oriented, and concurrent programming paradigms. Programs are required in languages illustrating each of these paradigms.

MGMT 115 Principles of Management **12 Credits**

Principles of Management introduce students to the general management concepts. It mainly covers the issues like the nature of management, the evolution of management, Managerial environments, managing change, staffing as a management function, Motivating and Rewarding employees, Leadership and Management, Communication and Interpersonal Skills, Productivity and Total Quality Management.

MGMT 128 Business Ethics & Corporate Governance **12 Credits**

This course explores corporate governance as an important theme found in the strategic management and corporate finance literature, as well as its practical implications for both public policy and financial market functions. It will cover the following: the conflict between managers and shareholders, agency ownership and agency theory, inside ownership, family ownership, pyramidal ownership and business groups, and enlarging the stakeholder perspective.

MGMT 121 Business Law **12 Credits**

The module introduces students to the basic legal principles governing the business environment. Focus shall be placed on definition of contracts, requirements of a contract, breach of a contract, remedies for breach of contracts, law of agency, contract of sale, law of business organisations and insurance contract.

STAT 180 Quantitative Analysis for Business **12 Credits**

This is a quantitative reasoning module for students in the Faculty of Business Administration. It covers the techniques business students are most likely to use in future modules and in research. The topics covered are useful in economics, finance, accounting, risk, marketing and personnel management and in tandem with international developments in these areas. Students will learn a variety of problem-solving strategies that are applicable in a wide range of environments. Specific topics include matrix algebra, linear programming, index numbers, calculus, decision making in business and an introduction to financial mathematics. Students shall be expected to recognize the value of quantitative methods in analysing data and interpreting it in order to make relevant business decisions.

THEO 216 Philosophy of Christian Education **12 Credits**

A study of aims, principles, and theory of education with special reference to church related schools. The foundational concepts and principles of philosophical thoughts and schools as they relate to education are represented from historical, political, cultural, and religious viewpoints. The Seventh-day Adventist philosophy of education will be highlighted.

THEO 424 Church Heritage **0 Credit**

The module is intended to acquaint students with the history of the Seventh-day Adventist Church, from the Millerite Movement, in which it had its roots, to the present.

BIOL 420 Science of Origins **12 Credits**

Studies in the scientific explanation of origins in contrast with explanations derived from divine revelation. Selected critical approaches are examined and evaluated. It is taught to all students and is applicable to the General Education Requirement in natural Sciences.

ACCREDITED ACCA PROGRAMME

Bachelor of Science Honours in Information Systems

Name of Program	Bachelor of Science Honours in Information Systems
Duration	4 Years
Minimum Credit Load	480
Maximum Credit Load	540
Maximum MBKS Credits	380
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry: A minimum of 2 A' Level passes in Mathematics and Computer Science or any other relevant Science or Commercial subject	✓
Special Entry: Special entry may be granted to applicants with a National Certificate, National Diploma or Higher National Diploma in Computer Science or any related field from a recognized institution.	✓
Mature Entry: Should be at least 23 years old and should have at least 2 years relevant industrial experience.	✓
Other:	✓

Graduation Requirements

	Notional Credits
General Courses	120
Core Courses	380
Total	**500**

Intended Learning Outcomes

By the end of the program a graduate will be able to:

- Model organizational processes and data
- Implement and process technical solutions for industry
- Integrate systems within and across organizations
- Master techniques for acquiring, converting, transmitting, and storing data and information, including those related to data quality
- Focus on the application of information systems in helping individuals, groups, and organizations achieve their goals within a competitive global environment.
- Critically evaluate and possibly act on current ethical issues in the IS field apply professional codes of conduct.
- Use systems concepts for understanding and framing problems
- Acquire ability to learn on their own new computing environments

Program Assessment

Coursework	40% (Assignments, Quizzes, Tests, Practical, Mid Semester Exam, etc.)
Final Examination	60%
Industrial Attachment	Student's report (50%), assessment by work supervisor (30%), and assessment by Academic supervisor (20%).

Degree Requirements

I. General Courses (20%)	

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Behavior Development				
CONV 111-412	Convocations	20	0	0
ORIE 111	Orientation	20	0	0
AGWE 111 – 112	Work Education	40	0	0
THEO 424	Church Heritage	40	0	0
Health and Physical Education				
HLED 115	Health Education	40	12	3
	Total	**160**	**12**	**3**
Languages and Communication				
HUMA 111	Communication Skills and Academic Writing	120	12	3
	Total	**120**	**12**	**3**
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	120	12	3
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
	Total	**240**	**24**	**6**
Departmental Courses				
ACCT 110	Financial Accounting 1A	120	12	3
ECON 111	Principles of Microeconomics	120	12	3
MKTG 125	Principles of Marketing 1	120	12	3
MGMT 216	Entrepreneurship Theory and Practice	120	12	3
FNCE 211	Corporate Finance	120	12	3
	Total	**600**	**60**	**15**
	Grand Total	**1280**	**120**	**30**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
INSY 112	Principles of Programming Languages	100	10	2.5
INSY 114	Foundations of Information Systems	100	10	2.5
INSY 116	Computer Architecture and Organization	100	10	2.5
INSY 121	Database Systems	100	10	2.5
INSY 123	Applied Statistics	100	10	2.5
INSY 124	Operating Systems	100	10	2.5
INSY 211	Business Management	100	10	2.5
INSY 212	Object Oriented Programming	100	10	2.5
INSY 213	Web Technologies	100	10	2.5

INSY 221	Data Communication and Computer Networks	100	10	2.5
INSY 222	System Analysis and Design	100	10	2.5
INSY 223	Research Methods	100	10	2.5
INSY 224	Group Project	100	10	2.5
INSY 225	PC Repairs and Maintenance	100	10	2.5
INSY 226	Software Engineering	100	10	2.5
INSY 227	Data Structures and Algorithms	100	10	2.5
BSIA 301	Industrial Attachment	1200	120	30
INSY 411	Human Computer Interaction	100	10	2.5
INSY 412	Artificial Intelligence	100	10	2.5
INSY 413	Information Security	100	10	2.5
INSY 414	Information Systems Audit and Control	100	10	2.5
INSY 416	Business Research Project	100	10	2.5
INSY 421	Enterprise Architecture	100	10	2.5
INSY 422	Computer Graphics	100	10	2.5
INSY 423	Management Information Systems	100	10	2.5
INSY 415	Information Systems Capstone Project	240	24	6
INSY 424	Ethics and Professionalism	100	10	2.5
MGMT 426	Project Management	120	12	3
	Total	**3900**	**400**	**97.5**
	Grand Total	**5180**	**500**	**125**

Course Schedule

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
CONV 111	Convocation	20	0	0
ACCT 110	Financial Accounting IA	120	12	3
ECON 111	Principles of Microeconomics	120	12	3
INSY 112	Principles of Programming Languages	100	10	2.5
INSY 114	Foundations of Information Systems	100	10	2.5
INSY 116	Computer Architecture and Organization	100	10	2.5
HUMA 111	Communication Skills and Academic Writing	120	12	3
CONV 111	Convocation	20	0	0
	Total	**664**	**64**	**16.5**

Level I: Semester 2				
CONV 121	Convocation	20	0	0
INSY 121	Database Systems	100	10	2.5
INSY 123	Applied Statistics	100	10	2.5

INSY 124	Operating Systems	100	10	2.5
MKTG 125	Principles of Marketing 1	120	12	3
THEO 126	Christian Beliefs	120	12	3
HELD 125	Health Education	120	12	3
CONV 112	Convocation	20	0	0
	Total	**640**	**64**	**16.5**

Level II: Semester 1				
CONV 211	Convocation	20	0	0
INSY 211	Business Management	100	10	2.5
INSY 212	Object Oriented Programming	100	10	2.5
INSY 213	Web Technologies	100	10	2.5
MGMT 216	Entrepreneurship Theory and Practice	120	12	3
FNCE 211	Corporate Finance	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
	Total	**664**	**64**	**16**

Level II: Semester 2				
CONV 221	Convocation	20	0	0
INSY 221	Data Communications and Computer Networks	100	10	2.5
INSY 222	System Analysis and Design	100	10	2.5
INSY 223	Research Methods	100	10	2.5
INSY 224	Group Project	100	10	2.5
INSY 225	PC Repairs and Maintenance	100	10	2.5
INSY 226	Software Engineering	100	10	2.5
INSY 227	Data Structures and Algorithm	100	10	2.5
	Total	**700**	**70**	**17.5**

Level III Semester 1 & 2				
BSIA 301	Industrial Attachment	1200	120	30
	Total	**1200**	**120**	**30**

Level IV: Semester 1				
CONV 411	Convocation	20	0	0
INSY 411	Human Computer Interaction	100	10	2.5
INSY 412	Artificial Intelligence	100	10	2.5
INSY 413	Information Security	100	10	2.5
INSY 414	Information Systems Audit and Control	100	10	2.5
INSY 415	Information Systems Capstone Project	240	24	6
	Total	**760**	**70**	**17.5**

Level IV: Semester 2				
CONV 421	Convocation	20	0	0
BIOL 420	Science of Origin	20	12	3
INSY 421	Enterprise Architecture	100	10	2.5
INSY 422	Computer Graphics	100	10	2.5
INSY 423	Management Information Systems	100	10	2.5
MGMT 422	Project Management	100	12	3
INSY 424	Ethics and Professionalism	120	10	2.5
	Total	**640**	**64**	**16**
	Grand Total	**5268**	**510**	**100**

Module Synopses

HLED 125 Health Education **12 Credits**

This course presents principles of personal and community health: it is designed to promote health as outlined by the Bible and the spirit of prophecy and backed by Evidence Based Medicine. It is designed to identify unhealthy behavior and be able to correct them. The course also educates and motivates students to adopt a healthier lifestyle and extend more than all technological wonders of modern medicines. The focus is prevention of disease by learning how to take care of oneself, family, community and environment. The major objective of the Aerobic health and fitness course has been to provide knowledge , attitudes and strong motivation and practice instruction in the strong hope that each individual will make exercise a regular life practice.

HUMA 111 Communication Skills and Academic Writing **12 Credits**

This course covers the communication process, models of communication and kind of communication. It emphasizes both oral and written communication which includes speech preparation, interviews and business communication. This is an introduction to the basic principles of academic research and the research process. It also focuses on different levels of research, types of research methods, techniques of research writing, methods of finding information, basics in analysis and presentation of data, bibliography styles, mechanics and format choices required for organizing scholarly research papers.

BIOL 420 Science of Origins **12 Credits**

Studies in the scientific explanation of origins in contrast with explanations derived from divine revelation. Selected critical approaches are examined and evaluated. Open to all students and is applicable to the General Education Requirement in natural Sciences. A photocopy of a recent magazine or journal cutting and summary is required.

THEO 216 Philosophy of Christian Education **12 Credits**

A study of aims, principles, and theory of education with special reference to church related schools. The foundational concepts and principles of philosophical thoughts and schools as they relate to education are represented from historical, political, cultural, and religious viewpoints. The Seventh-day Adventist philosophy of education will be highlighted.

THEO 424 Church Heritage **0 Credits**

The module is intended to acquaint students with the history of the Seventh-day Adventist Church, from the Millerite Movement, in which it had its roots, to the present.

ACCT 110 Financial Accounting 1A **12 Credits**

The purpose of the course is to provide an understanding of the basic concepts and techniques of Accounting and their application to the business world. Emphasis is placed on understanding the Accounting Cycle, the content and preparation of Financial Statements for Sole proprietorships as well as partnerships. Further an introduction to financial statement analysis will be done through exploring various tools of analyzing.

ECON 111 Principles of Microeconomics **12 Credits**

The module is designed to help students understand and apply economics principles in the real world. Topics covered are; The Introduction to Microeconomics, The Central Problem of Economics, Resource Allocation, Theory of Demand, Theory of Supply, Price and Output Determination in competitive markets, Elasticity of Demand and Supply, Theory of Consumer Behaviour, Indifference Curves Approach, Theory of Production and Costs, Theory of Costs, Market Structures (Perfect Competition, Monopoly, Monopolistic Competition and Oligopoly).

MKTG 128 Principles of Marketing and Management **12 Credits**

This module is designed to introduce basic marketing principles concepts to students. Key topics covered in the module are; Introduction to marketing, Evolution of marketing concept, The 4Ps of Marketing in detail: (Product, Price, Place and Promotion), The extended marketing mix, Segmentation, Targeting and Positioning.

MGMT 216 Entrepreneurship Theory and Practice **12 Credits**

This module provides students with the tools to identify opportunities, how to screen the various opportunities, developing a business concept, translating ideas into business opportunities, financing a business, growing a business, the management team and harvesting of a business. Thus, the module focuses on ways in which entrepreneurs recognize opportunities, generate ideas, and organize resources to plan successful ventures that enable them to achieve their goals. Students will create a business plan for a student-run business. Through hands-on experiences, students will have opportunities to develop the values, traits, and skills most often associated with successful entrepreneurs. By the end of this module, students will be able to; analyze the characteristics and contributions of enterprising people; compare the characteristics and contributions of various entrepreneurs; assess their personal entrepreneurial and enterprising prospective; analyze various methods of generating ideas and identifying opportunities to satisfy needs and wants; and generate realistic novel ideas and identify possible opportunities for a student-run business.

FNCE 211 Corporate Finance **12 Credits**

The aim of the module is to identify the objective that corporate finance managers ought to pursue in order to satisfy the needs of corporate stakeholders and to develop students, concepts and corporate analytical tools that will enable them to meet this objective. To this end, the module will cover the following critical areas: goals of a firm and the agency theory time value concepts and valuation of bonds and shares; capital budgeting under certainty; operating and financial leverage; introduction to portfolio theory and capital asset pricing; the stock market and other sources of long-term capital; innovations in corporate finance.

INSY 112 Principles of Programming Languages **10 Credits**

This module examines the concepts and structures governing the design and implementation of programming languages. It presents an introduction to the concepts behind compilers and runtime representations of programming languages; features of programming languages supporting abstraction and polymorphism; and the procedural, functional, object-oriented, and concurrent programming paradigms. Programs are required in languages illustrating each of these paradigms.

INSY 116 Computer Architecture and Organization **10 Credits**

This module studies the basic instruction set architecture and organization of a modern computer. Topics include Assembly language, The Von Neumann Machine Instructions, Registers, translating high level arithmetic into Assembly, Memory and Registers Addressing Modes, Logic Gates, Truth Tables, implementing Truth Tables, Latches and Memory Reading, Multi-cycle implementations, the concept of a Cycle. Finite State Machines, Balancing the work into Single Cycles, ROMs, PLAs, Microcode, RISC/CISC, Pipelines, Principle of Locality, Direct Mapped Caches, I/O Polling and Interrupts.

INSY 121 Database Systems **10 Credits**

The module focuses on concepts and principles related to database management systems and link these to Relational Database Systems. Topics covered include: Database Systems Evolution, Database Systems in the Organization, Principles of Conceptual Design, Database Models, The Relational Data Model, Data Modeling, Database Design Theory, Data Definition and Manipulation Languages, Storage and Indexing Techniques, Query Processing and Optimization, Concurrency Control and Recovery and Database Programming Interfaces.

INSY 123 Applied Statistics **10 Credits**

This module covers: Introduction to statistics: definition, uses of statistics, Probability, Probability distributions, Measures of central tendency and dispersion, Sampling techniques, Data types, Presentation and Summarization techniques, Regression and Correlation, Simple Statistical Inference.

INSY 124 Operating Systems **10 Credits**

This module explores the design and implementation of computer operating systems. Topics include historical aspects of operating systems development, systems programming, process scheduling, synchronization of concurrent processes, deadlocks, virtual machines, memory management, virtual memory and paging, I/O and file systems, system security, OS/architecture interaction, and distributed operating systems.

INSY 211 Business Management **10 Credits**

This module introduces students to business management covering areas such as Leading, controlling, planning, organizing, change management and many more. Expound on the important role that business organizations can play in modern society. Explain the managerial roles. Explain what management competencies encompass. Convince other learners of management why management theory should be studied. Explain how environmental forces cause management theory to evolve. Describe the various classical and contemporary management theories. Explain the concepts of the systems approach in management. Explain the main characteristics of the management environment. Explain how the values that management holds can impact an organization. Examine how a manager can add value.

INSY 212 Object Oriented Programming **10 Credits**

This module aims at providing a solid foundation in Object Oriented Paradigms. Topics covered include: Objects Overview and Review, creating Class Instances within constructors, Object Analysis, creating Fields and Properties, Inheritance and specialized Classes, Base Class and Abstract Classes, Events and Exceptions, providing services using Interfaces and Abstract Classes, Polymorphism, Shared and Static members, Overloading Operators, Overriding, Multithreading

INSY 213 Web Technologies **10 Credits**

Students will cover Web design fundamentals and internet technologies. They will have an appreciation of Web communication protocols and methods. They will learn how to use Scripting languages, interface design tools, Application Programming Interface (API), Web Services and design patterns in Web Application Development.

INSY 221 Data Communications and Computer Networks **10 Credits**

This module explores the principles underlying the design of computer networks. Topics covered include: Computer network technologies and applications, Transmission Media, Signaling, Communication protocols, Communication architectures, Network connections, Network types, Routing and routing algorithms, spanning tree protocol and IP addressing.

INSY 222 Systems Analysis and Design **10 Credits**

This module will cover the principles of Information Systems including analysis and design. Students will learn techniques in data requirements collection and analysis along with methods to modeling data needs. Modeling of data will occur at the conceptual, logical, and physical levels along with an ability to compare the different approaches. Students will understand the importance and constraints imposed by the domain of the information system along with business rules that guide the design. Functional dependencies and domain normalization will also be discussed as part of the requirements analysis. Object-Oriented information system modeling and User-Centered design techniques will be explored

INSY 223 Research Methods **10 Credits**

This module equips students with research techniques including definition of research objectives, research framework, design, research problem, experimental research, experiment data acquisition and processing, population and sampling methods, research methods and instruments, data processing and analysis, descriptive statistics, inferential statistics, data presentation and interpretation, research ethics and report writing. Students will be expected to competently tackle all the stages of a research project starting from formulating research proposals, review of literature, identifying research problems, formulating a research design, design of data collection instruments, data collection, data cleaning, data analysis, interpretation and presentation. Students will be provided with the written departmental guidelines on writing dissertations.

INSY 224 Group Project **10 Credits**

The students work in a group to produce a working Product including a Project Proposal, a Project Plan, a System Specification, User Documentation and perform Project Management Activities to ensure the product is delivered on time.

INSY 225 PC Repairs and Maintenance **10 Credits**

The course provides students with a working knowledge of how to assemble a computer from separated components, how to handle shocking and problems related to system or to hardware. The program will also cover installing of operating systems like Windows and Linux. It also includes a study of AC and DC electric circuit theory.

INSY 226 Software Engineering **10 Credits**

The module gives the students practical experience in applying Software Life Cycle Models, standards and technologies. Topics covered include: Software Process and Problems, Requirements, Specifications and Software Design approaches, Modular Designs, CASE tools, Case Studies. Object Oriented Analysis and Design using the Unified Modeling Language (UML) to capture Requirements, Model User Interactions and Business Process, Verification and Validation, Implementation and Integration Issues, Reuse Concepts and Maintenance.

INSY 227 Data Structures and Algorithms **10 Credits**

This module builds on the programming skills acquired in Principles of Programming Languages to help students develop clear, modular programs that are easy to read, debug, verify, analyze, and modify. It covers various data structures such as Lists, Stacks, Queues, Trees, Hash Tables, and Graphs; and explores the implementation of these data structures and their application to solving practical problems. Programming assignments are given for some topics.

BSIA 301: Industrial Attachment **120 Credits**

The work-related learning and experience program provides a real-life organizational context for students to develop specific or generic skills, valuable to their professional development. Students can apply and enhance their skills, contribute to the Organization, and, at the same time, obtain invaluable guidance from their mentors. Industrial Attachments are an excellent way to learn more about a career, find out what it is like to work in one's potential career, gain valuable experience to build a resume, get to know employers and make a solid network.

INSY 411: Human Computer Interaction **10 Credits**

This module introduces the behavioural concepts and technology necessary to manage the design and implementation of "user-friendly" software. Students learn how to implement user-centred design which identifies the goals, tasks, and skills of the eventual end-users of the system and ensures that these are successfully considered in the development cycle.

INSY 412: Artificial Intelligence **10 Credits**

The module develops among students a working knowledge of expert systems as well as the understanding of the application of artificial reasoning in industrial processes. Topics covered include: An introduction to intelligence, Historical and current trends and characterization of knowledge-based systems, Search, logic and deduction, Knowledge representation, production system, expert systems, architecture of expert systems, criteria for selecting expert system shells, end-user interface, developer interface, system interface, inference engine, knowledge base, data interface.

INSY 413: Information Security **10 Credits**

This subject covers Computer security issues such as Policy goals and mechanisms, Security services, mechanisms, and countermeasures, Cyber-attacks and detection, High assurance system, Vulnerabilities, threats, and risk, Anonymity systems, Usable security, Cryptography overview, Malware fundamentals, Mitigation and recovery, Personal information, Operational issues, Reporting requirements.

INSY 414: Information Systems Audit and Controls **10 Credits**

This module introduces the fundamental concepts of the information technology audit and control function. The main focus of this module is on understanding information controls, the types of controls and their impact on the organization, and how to manage and audit them. The concepts and techniques used in information technology audits will be presented. Students will learn the process of creating a control structure with goals and objectives, audit an information technology infrastructure against it, and establish a systematic remediation procedure for any inadequacies. The challenge of dealing with best practices, standards, and regulatory requirements governing information and controls is addressed.

INSY 415: Information Systems Capstone Project **24 Credits**

This course integrates academic research skills with a hands-on capstone project, allowing students to identify an Information Systems real-world problem, conduct structured research from Chapter 1 through to Chapter 6 and develop a working software solution / prototype for an organization of their choice. Students will apply research methodologies, analyze data, and design a system or software prototype addressing their identified challenge. The course emphasizes problem-solving, research and professional documentation, culminating in a final presentation and defense of their work. Students are expected to demonstrate the highest level of innovation, originality and critical thinking in all the stages of the project.

INSY 421: Enterprise Architecture **10 Credits**

This module explores the design, selection, implementation and management of enterprise IT solutions. The focus is on applications and infrastructure and their fit with the business. Students learn frameworks and strategies for infrastructure management, system administration, data/information architecture, content management, distributed computing, middleware, legacy system integration, system consolidation, and software selection, total cost of ownership calculation, IT investment analysis, and emerging technologies. These topics are addressed both within and beyond the organization, with attention paid to managing risk and security within audit and compliance standards. Students also hone their ability to communicate technology architecture strategies concisely to a general business audience.

INSY 422: Computer Graphics **10 Credits**

The module covers characteristics of graphics I/O devices, 2D/3D transformations including scaling, translation, and rotation. It also explores Graphics Pipeline, Data Structures for Graphics, Geometrical representation, OpenGL programming, vertex processing, lighting and shading, rasterization including line and polygon drawing, ray casting, ray tracing, spline curves and surfaces, color models, fractals, computer graphics in games and Computer Animation; visualization.

INSY 423: Management Information Systems **10 Credits**

The module focuses on developing managerial skills in students, equipping them with knowledge of basic management tools and techniques to solve practical IT application related problems and develop IT project management skills, Management objectives, responsibilities, functions, styles, principles and environment. Management tools: element of management economics, financial and management accounting, costing, budgeting and budgetary control. Marketing management, business management, HRM, production and contract management, Project planning and management, Management of expectations, change, system evaluation and selection, vendors and consultants…

INSY 424: Ethics and Professionalism **10 Credits**

This module covers ethical and social issues related to the development and use of computer technology. Topics include ethical theory, and social, political, and intellectual property (IP) and other legal considerations. Scenarios in problem areas: privacy, reliability and risks of complex systems, and responsibility of professionals for applications and consequences of their work.

MGMT 426: Project Management **10 Credits**

Project Management is the practice of controlling the cost, time, manpower, hardware and software resources involved in the development activity that commences with a problem statement and ending with the delivery of complete software product to the customer. It will include planning, monitoring and controlling, Project evaluation, scope management, team building, stakeholder management, risk assessment, scheduling, and quality and conflict management.

Bachelor of Commerce Honours in Finance

Name of Program	Bachelor of Commerce Honours in Finance
Duration	4 Years
Minimum Credit Load	480
Maximum Credit Load	540
Maximum MBKS Credits	408
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry: Five "O' Levels including English and Mathematics, and 2 'A' Level passes in Commercial subjects.	✓
Special Entry: National Certificate (NC), National Diploma (ND) or Higher National Diploma (HND) in Finance from recognized institution	✓
Mature Entry: Applicant should be 23 years of age and above, and 2 years of experience in a relevant field. Five "O" level subjects, including English Language and Mathematics	✓
Other:	✓

Graduation Requirements

	Notional Credits
General Courses	132
Core Courses	408
Total	**540**

Intended Learning Outcomes

By the end of the program a graduate will be able to:

- Synthesize complex financial data into meaningful business perspectives that facilitate actionable solutions.
- Analyze current trends in primary and secondary capital markets around the world and their impact on mobilizing investment capital
- Sustainably run financial advisory and consultancy units and organizations
- Conduct value added research into the current finance and investment theory, practice, empirical data, corporate trends and real-time market intelligence to generate high quality investment ideas.
- Recommend innovative alternatives to deal with financing needs and challenges at various stages in the lifecycle of an organization or an individual
- Present quantitative and qualitative information together with analysis, discussion, commentary and recommendations in a form suitable for different intended audiences.
- Evaluate the impact of major economic variables such as interest rates, inflation, employment, exchange rates and balance of payments on the performance of capital markets and different financial instruments
- Construct basic investment portfolios for individual and institutional investors in accordance with given investment policy statements, ethics and professional judgment
- Evaluate performance of investment decisions and effectiveness of asset allocation strategies for portfolios consisting of debt and equity securities, derivatives real estate and other alternative investments.
- Integrate relevant regulatory framework into financial processes and practices to address current challenges
- Manage relationships between an organization and its stakeholders and their impact on corporate growth taking into account ethical practices and social responsibilities.
- Recommend allocation of financial resources that contribute optimally to the strategic business plan of the organization.
- Employ best practices in risk management to protect an organization's financial position, investments,

legal position and ethical reputation.

Program Assessment

Coursework	40% (Assignments, Quizzes, Tests, Practical, Mid Semester Exam, etc.)
Final Examination	60%
Industrial Attachment	Student's report (50%), assessment by work supervisor (30%), and assessment by Academic supervisor (20%).

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 111-412	Convocations	20	0	0
ORIE 111	Orientation	20	0	0
AGWE 111 – 112	Work Education	40	0	0
THEO 424	Church Heritage	40	0	0
Health and Physical Education				
HLED 115	Health Education	40	12	3
	Total	**160**	**12**	**3**
Languages and Communication				
HUMA 111	Communication Skills and Academic Writing	120	12	3
	Total	**120**	**12**	**3**
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	120	12	3
Religion and Philosophy				
THEO 106	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
	Total	**240**	**24**	**6**
Departmental Courses				
MGMT 128	Business Ethics and Corporate Governance	120	12	3
FNCE 213	Treasury Management	120	12	3
FNCE 123	Insurance and Risk Management	120	12	3
FNCE 224	Financial Statement Analysis and Valuation	120	12	3
FNCE 230	Financial Modeling and Computing	120	12	3
FNCE 220	Behavioral Finance and Artificial Intelligence in Investment Decision-Making	120	12	3
	Total	**720**	**72**	**18**
	Grand Total	**1400**	**132**	**33**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
ACCT 110	Introduction Financial Accounting	120	12	3
ECON 111	Principles of Microeconomics	120	12	3
STAT 180	Quantitative Analysis for Business	120	12	3
FNCE 122	Financial Mathematics	120	12	3
INSY 104	Introduction to Information Technology and Programming	120	12	3
FNCE 121	Financial Markets and Regulation	120	12	3
ECON 121	Principles of Macroeconomics	120	12	3
FNCE 211	Corporate Finance	120	12	3
ACCT 214	Tax Law and Practice	120	12	3
MGMT 212	Corporate Law and Practice	120	12	3
FNCE 212	Microfinance and Entrepreneurial Development	120	12	3
FNCE 221	Financial Information Systems	120	12	3
FNCE 223	Public Finance and Economics	120	12	3
BSAD 298	Research Methods	120	12	3
BSIA 301	Industrial Attachment	1200	120	30
FNCE 416	International Finance, Economic Integration and Trade	120	12	3
FNCE 412	Institutional Investment Analysis	120	12	3
FNCE 413	Financial Econometrics and Data Analysis	120	12	3
FNCE 414	Financial Engineering and Asset Pricing	120	12	3
FNCE 410	Advanced Corporate Finance and Strategic Financial Management	120	12	3
FNCE 420	Advanced Institutional Investment Management and Portfolio Strategy	120	12	3
FNCE 422	Real Estate Investment and Finance	120	12	3
FNCE 423	Risk Analysis and Management	120	12	3
FNCE 425	Research Project	240	24	6
	Total	**4080**	**408**	**102**
	Grand Total	**5480**	**540**	**135**

Course Schedule

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
ACCT 110	Financial Accounting 1A	120	12	3
HUMA 111	Communication Skills & Academic Writing	120	12	3

FNCE 122	Financial Mathematics	120	12	3
MATH 180	Quantitative Analysis of Business	120	12	3
ECON 111	Principles of Microeconomics	120	12	3
INSY 104	Introduction to IT and Programming	120	12	3
AGWE 111	Work Education	40	0	0
ORIE 100	Orientation	20	0	0
CONV 111	Convocation	20	0	0
	Total	**800**	**72**	**18**

Level I: Semester 2				
HELD 125	Health Education	120	12	3
ECON 121	Principles of Macroeconomics	120	12	3
FNCE 123	Insurance and Risk Management	120	12	3
THEO 126	Christian Beliefs	120	12	3
FNCE 121	Financial Markets and Regulation	120	12	3
MGMT 128	Business Ethics and Corporate Governance	120	12	3
AGWE 112	Work Education	40	0	0
CONV 112	Convocation	20	0	0
	Total	**780**	**72**	**18**

Level II: Semester 1				
FNCE 211	Corporate Finance	120	12	3
FNCE 212	Micro Finance and Entrepreneurial Development	120	12	3
MGMT 212	Company Law and Practice	120	12	3
ACCT 214	Tax Law and Practice	120	12	3
FNCE 213	Treasury Management	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
CONV 211	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level II: Semester 2				
FNCE 221	Financial Information Systems	120	12	3
FNCE 220	Behavioral Finance and Artificial Intelligence in Investment Decision-Making	120	12	3
FNCE 223	Public Finance and Economics	120	12	3
BSAD 298	Business Research Methods	120	12	3
FNCE 224	Financial Statement Analysis and Valuation	120	12	3
FNCE 230	Financial Modeling & Computing	120	12	3
CONV 221	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level III Semester 1 & 2				
BSIA 301	Industrial Attachment	1200	120	30
	Total	**1200**	**120**	**30**

Level IV: Semester 1				
FNCE 416	International Finance, Economic Integration and Trade	120	12	3
FNCE 412	Institutional Investment Analysis	120	12	3
FNCE 413	Financial Econometrics and Data Analysis	120	12	3
FNCE 410	Advanced Corporate Finance and Strategic Financial Management	120	12	3
FNCE 414	Research Project	240	24	6
CONV 411	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level IV: Semester 2				
FNCE 420	Advanced Institutional Investment Management and Portfolio Strategy	120	12	3
FNCE 422	Real Estate Investment and Finance	120	12	3
FNCE 423	Risk Analysis and Management	120	12	3
FNCE 426	Financial Engineering and Asset Pricing	120	12	3
BIOL 420	Science of Origins	120	12	3
	Total	**600**	**60**	**15**
	Grand Total	**4600**	**540**	**135**

Module Synopses

HLED 125 Health Education **12 Credits**

This course presents principles of personal and community health: it is designed to promote health as outlined by the Bible and the spirit of prophecy and backed by Evidence Based Medicine. It is designed to identify unhealthy behavior and be able to correct them. The course also educates and motivates students to adopt a healthier lifestyle and extend more than all technological wonders of modern medicines. The focus is prevention of disease by learning how to take care of oneself, family, community and environment. The major objective of the Aerobic health and fitness course has been to provide knowledge , attitudes and strong motivation and practice instruction in the strong hope that each individual will make exercise a regular life practice.

HUMA 111 Communication Skills and Academic Writing **12 Credits**

This course covers the communication process, models of communication and kind of communication. It emphasizes both oral and written communication which includes speech preparation, interviews and business communication. This is an introduction to the basic principles of academic research and the research process. It also focuses on different levels of research, types of research methods, techniques of research writing, methods of finding information, basics in analysis and presentation of data, bibliography styles, mechanics and format choices required for organizing scholarly research papers.

BIOL 420 Science of Origins **12 Credits**

Studies in the scientific explanation of origins in contrast with explanations derived from divine revelation. Selected critical approaches are examined and evaluated. Open to all students and is applicable to the General Education Requirement in natural Sciences. A photocopy of a recent magazine or journal cutting and summary is required.

THEO 216 Philosophy of Christian Education **12 Credits**

A study of aims, principles, and theory of education with special reference to church related schools. The foundational concepts and principles of philosophical thoughts and schools as they relate to education are represented from historical, political, cultural, and religious viewpoints. The Seventh-day Adventist philosophy of education will be highlighted.

THEO 126: Christian Beliefs **12 Credits**

An introductory course for general students who need a background in religious studies. It focuses on the biblical themes of revelation, the Christian God, salvation, God's law, the covenants, the Sabbath Commandment, the sanctuary, the Church, and the Second Advent of Jesus Christ.

ECON 111: Principles of Microeconomics **12 Credits**

The course provides a basic foundation for the subject matter of Economics to enable students to prepare themselves to use the concept of rationality to analyze behavior at a micro level. The course includes: Definitions of Economics, Evaluation and Development of Socio-Economic systems, Factor Prices, Pricing and Production Certainty and Uncertainty in Economic theory, Markets and Economic Decision-making.

STAT 180: Quantitative Analysis for Business **12 Credits**

This is a quantitative reasoning module for students in the Faculty of Commerce. It covers the techniques business students are most likely to use in future modules and in research. The topics covered are useful in economics, finance, accounting, risk, marketing and personnel management and in tandem with international developments in these areas. Students will learn a variety of problem-solving strategies that are applicable in a wide range of environments. Specific topics include matrix algebra, linear programming, index numbers, calculus, decision making in business and an introduction to financial mathematics.

FNCE 122: Financial Mathematics **12 Credits**

The module is an introduction to basic concepts of quantitative finance upon which cash flow based valuation models of finance are built. In particular, the module explores time value concepts in finance, equations of value, loan amortization and sinking fund problems, money market instruments and different yield measures, bond valuation and bond yield analysis, bond risk analysis and immunization, and the mathematics of portfolio theory. The module seeks to develop student skills in the application of discounted cash flow techniques and other mathematical techniques to investment analysis, portfolio optimization, and capital asset pricing. 'A' Level mathematics is an important pre-requisite for a good understanding of financial mathematics. Mathematics areas of particular interest are differential calculus, progressions, binomial and Taylor expansions, numerical methods and logarithms.

FNCE 121: Financial Markets and Regulation **12 Credits**

The module gives an overview of the characteristics of financial markets, including their structure and organization. Its aim is to provide a thorough understanding of both the mechanics and the operations of financial markets, whilst paying particular attention to the trading and evaluation of securities in equity and bond markets. It also covers a study of the structural features of debt markets, credit analysis for corporate bonds, term structure analysis of interest rates and bond valuation, assessing sources of risk for debt portfolios, including the role duration and convexity in evaluating the effects of interest rate changes. This module will address the institutional and regulatory framework for capital markets and the role that financial institutions such as banks, bank holding companies, investment banks, and investment funds perform in these markets. The role of government regulation and its effects on financial innovation are analyzed. The module will also analyze those elements of financial markets that set it aside from other regulated sectors in the economy. Upon completion of the course, participants should be able to demonstrate an understanding of recent developments in the theories and practices of financial sector regulation

MGMT 128: Business Ethics and Corporate Governance **12 Credits**

This course explores corporate governance as an important theme found in strategic management and corporate finance literature, as well as its practical implications for both public policy and financial market functions. It also covers the ethical perplexities faced in decision making and ways to resolve them based on moral and religious norms. It will cover the following: the conflict between managers and shareholders, agency ownership and agency theory, inside ownership, family ownership, pyramidal ownership and business groups, and enlarging the stakeholder perspective.

MGMT 128: Principles of Marketing and Management **12 Credits**

This module is designed to introduce basic marketing principles concepts to students. Key topics covered in the module are; Introduction to marketing, Evolution of marketing concept, The 4Ps of Marketing in detail: (Product, Price, Place and Promotion), The extended marketing mix, Segmentation, Targeting and Positioning. This course provides students with an integrated understanding of marketing and management principles, focusing on how these two key business functions drive organizational success. It explores foundational concepts in marketing, including market research, consumer behavior, product development, branding, pricing strategies, and distribution channels. Students will gain insights into how to analyze market trends, segment target audiences, and design marketing campaigns that effectively promote products and services. In addition to marketing principles, the course covers key management principles related to planning, organizing, leading, and controlling business operations. Students will explore concepts such as organizational behavior, leadership styles, decision-making, and strategic planning. Emphasis will be placed on how management functions influence company performance and growth, as well as how to align marketing strategies with broader organizational objectives. The course also integrates discussions on corporate social responsibility (CSR), ethics, and the impact of globalization on marketing and management practices. Through case studies, group projects, and practical exercises, students will develop the skills needed to analyze business challenges and apply marketing and management strategies to solve them effectively. By the end of the course, students will have a comprehensive understanding of both marketing and management, equipping them with the knowledge to succeed in a wide range of roles within business organizations, from marketing and brand management to general management positions.

ECON 112: Principles of Macroeconomics **12 Credits**

Having done Principles of Microeconomics, it is a well-known fact that what is true with regard to individual parts of the whole may not be true with the whole. Principles of Macroeconomics build on Principles of Microeconomics. It seeks to introduce students on how economic aggregates such as national income, investment, savings, taxation, imports, exports, government expenditure, fiscal and monetary policies, employment/unemployment and inflation are related to microeconomic behavior. Emphasis is put on the definition; measurement and inter-linkages these so that students can be prepared for more advanced policy formulation and implementation.

FNCE 211: Corporate Finance **12 Credits**

The aim of the module is to identify the objective that corporate finance managers ought to pursue in order to satisfy the needs of corporate stakeholders and to develop students, concepts and corporate analytical tools that will enable them to meet this objective. To this end, the module will cover the following critical areas: goals of a firm and the agency theory, time value concepts and valuation of bonds and shares; capital budgeting under certainty; operating and financial leverage; introduction to portfolio theory and capital asset pricing; the stock market and other sources of long-term capital; innovations in corporate finance.

FNCE 222: Public Finance and Economics **12 Credits**

The module is meant to enable students to have a deeper understanding of the operations of public finance from the theoretical and practical point of view. It commences by looking at the nature and scope of public finance, theory of public goods, welfare theories and proceeds consider the financial and economic role of the government. It also examines the scope and control of public expenditure, the main methods of diverting resources from private to public use by way of taxation, financial and macroeconomic problems, financial and macro-economic policies, and sources of finance/revenue. Because of the prominence of taxation as a source of public revenue, the module provides students with a conceptual framework for examining government taxation so as to analyze current tax policy and provide proposals for reform. The focus will be on evaluating the impact of taxation on the allocation of resources and the distribution income

BSAD 298: Research Methods **12 Credits**

The objective is to provide treatment of research methods and simple statistical application that will enable students to carry out sound research projects. The course enables students to do applied research by introducing students to empirical methods in finance and economics. It introduces statistical techniques used in the analysis of economic and financial data. Topics covered include: descriptive statistics, probability distributions, sampling and sampling distributions, point estimation and interval estimation, hypothesis testing, regression analysis, time-series analysis, elementary discussion of multi-collinearity, autocorrelation, heteroscedasticity and principles of modeling. It also includes empirical techniques with specific emphasis on multivariate and nonlinear methods, event-studies; asset prices mean variance estimation techniques and other topics in behavioral finance.

BSIA 301: Industrial Attachment **120 Credits**

Approved industrial attachment of not less than eight (8) months and not more than twelve (12months is aimed at providing third year students with a practical exposure to the Industry. The candidate is expected to rotate the various departments of the organization to which he/she will be attached to enable them to be exposed to all the departments involved in finance; customs; risk management; public finance; economics and tax related functions of that organization. The candidate must be appraised by each departmental sectional supervisor who assigns the student day to day duties. A percentage score should be given before leaving for the next department or section.

The academic supervisor's report results from the oral interaction with the attaché and/or the supervisor and is based on the student's performance and completion of previously agreed upon assignments.

The module is a problem based report developed by the candidate during industrial attachment. The thrust of the report is to relate theory covered in the university to practice. It follows a schematic report layout covering issues such as, organization's background, departments attached, challenges encountered, new issues learnt, any gap between information covered in the University, review of related literature to issues covered, comparison of practical issues and reviewed literature, any gap and conclusions and recommendations to the company and the University. A guideline to the development of the report is issued to the candidates as a module outline.

FNCE 411: International Finance, Economic Integration and Trade **12 Credits**

The course seeks to introduce students to international financial decision-making regarding investment, financing, and risk management. Students are guided to an understanding of drivers of foreign direct investment, incorporating international investment in corporate strategy development, managing political and country risk in foreign investment, designing a global financing strategy that minimizes costs and risks, foreign exchange markets, foreign exchange parity conditions, and foreign exchange rate forecasting. The course also equips students with tools for multinational capital budgeting and investment analysis, as well as foreign exchange risk management. Students are further introduced to multinational working capital management. Further, this module seeks to understand the changing global order by analysing the basis of globalization and regionalization. This covers the core trade theories under perfect and imperfect competition and applies them to understanding the pattern of trade, gains from trade, 'new trade theory' and trade with heterogeneous firms. The module also covers strategic trade policy, the formation of regional trade agreements, and the World Trade Organisation. In this context, international integration theory and practice constitute the core of the module, covering issues like customs unions versus free trade areas, common market and other trade agreements, the welfare consequences from integration, using international income transfers to facilitate trade liberalization, and the effects of integration on economic growth.

FNCE 413: Financial Econometrics and Data Analysis **12 Credits**

The module provides an introduction to econometric techniques used in the analysis of financial data. Topics include: Statistical Properties of Financial Returns Matrix Algebra, Regression and Applications in Finance, Maximum Likelihood Estimation, Univariate Time Series and Applications to Finance, Modeling Volatility – Conditional Heteroscedastic Models, Modelling Volatility and Correlations – Multivariate GARCH Models, Vector Autoregressive Models, Limited Dependent Variable Models. Further, this course will discuss applying statistical techniques that are particularly well suited for analyzing financial data. Candidates should be able to collect, analyze, and interpret data relevant to decision-making, identify and interpret trends, use excel spreadsheets to calculate statistical measures and interpret excel outputs, apply relevant statistical techniques to solve the underlying problems/issues, and report on statistical findings.

FNCE 414: Financial Engineering and Asset Pricing **12 Credits**

This course, which is a follow up to Financial Mathematics and Quantitative Corporate Finance and II, examines, in greater detail, the concepts, issues and practical limitations in the valuations of both financial and real assets, in order to empower students to make decisions that optimize the needs of corporate stakeholders. Topics covered will include: Efficient market hypothesis, Capital asset pricing model, Capital market theory; Arbitrage pricing theory, Option pricing theory, Capital budgeting under uncertainty and existence of real options and Business valuations. The course aims to give a pragmatic and applied approach to statistical techniques relevant to modern financial analysis. Students will also study the fundamentals of financial innovation in quantitative finance. This will involve the ability to explore and use financial instruments to restructure an existing profile into one having more desirable properties. It enables students to appreciate the need to restructure financial instruments through mathematical analysis so as to keep pace with dynamic financial systems. Topics covered include: major valuation techniques in a variety of contexts including arbitrage pricing, interest rate futures, forward rate agreements (FRAs), bond and stock Index futures, swaps, equity option, currency option, fixed income and other exotic derivatives, structured finance and other fundamentals of innovation in quantitative finance.

FNCE 415: Advanced Corporate Finance and Strategic Financial Management **12 Credits**

This course provides finance majors with a comprehensive and strategic understanding of corporate financial decision-making, focusing on value creation, risk management, and competitive positioning in global markets. It integrates advanced corporate finance concepts with strategic financial management principles, equipping students with the analytical tools and practical skills required to navigate complex financial environments and drive long-term corporate success. The course covers long-term financing strategies, including debt, equity, and hybrid instruments, along with lease financing and financial engineering techniques such as synthetic corporate security issues. It explores weighted marginal cost of capital (WMCC), investment schedules, and advanced capital budgeting methodologies, including real options and sensitivity analysis. The course also examines the term structure of interest rates and corporate interest rate risk management; ensuring students understand the influence of macroeconomic factors on corporate financial strategies. Additionally, the course delves into capital structure optimization, corporate valuation, and the formulation of financial strategies. Corporate governance principles are integrated throughout, addressing the role of governance structures in financial strategy, ensuring transparency, accountability, and alignment of interests between management and shareholders. The course also explores agency problems, information asymmetry, and the incentives that shape corporate decision-making and control. Mergers and acquisitions, business valuation, and post-merger integration are key components, providing students with insights into corporate expansion, strategic growth, and the complexities of restructuring. The course further examines financial distress and corporate restructuring mechanisms, such as sell-offs, spin-offs, equity carve-outs, ownership restructuring, and debt-equity swaps. By integrating financial modeling, case studies, and applied strategic analysis, students will gain the ability to critically evaluate financial policies, optimize capital allocation, and develop comprehensive strategies that drive value creation and ensure corporate sustainability. Graduates will be well-prepared to assume leadership roles in finance, investment, and corporate strategy, equipped with the expertise to make sound financial decisions in an evolving business landscape.

FNCE 123: Insurance and Risk Management **12 Credits**

This course explores the principles of risk management and insurance. The course provides an understanding of the foundations, applications and selection of insurance. Fundamentals of life and health insurance as well as property and liability insurance will be included. Enterprise risk management for corporations, financial risk management, overview of employee benefits, and strategic policies to mitigate risk will also be covered. The goal of this course is to engage students in active discovery of risk management principles. Students will be prepared to function in a business environment, developing an awareness of the challenges, the tools, and the process of designing and implementing a risk management program. The following critical areas will be covered in this module: Introduction to risk, insurance and risk management, The Economics of Risk & Insurance, Government regulation of insurance, Legal Principles in Risk & Insurance, Risk management, Personal Property and liability risks, Life, Health & Loss of Income Exposure, Insurance pricing.

FNCE 224: Financial Statement Analysis and Valuation **12 Credits**

The objective of this course is to provide students with a framework for analyzing a firm's past performance, estimating its future performance, and valuing its equity. The course integrates key concepts from accounting, finance, economics, and business strategy and applies them to financial decision-making. The aim of the course is to enable students to carry out effective investment analysis based on both available financial statements and other tools of analysis. Students are expected to have acquired skills to generate reasonably accurate (or at least logically consistent) forecasts of a firm's future financial performance, including revenues, earnings, asset balances and free cash flows at the end of the course. This course covers the following areas: Financial statement analysis (Profitability analysis, Liquidity analysis, Du Pont and Cash flow analysis, Efficiency analysis), Economic Value Added (EVA) and Market Value Added, Valuation analysis, Strategic (Suitability) analysis, Pest analysis, Scenario and Sensitivity analysis, Competitive Rivalry analysis, Value Chain analysis, Core competence, Credit Risk analysis. This course provides students with a comprehensive framework for analyzing a firm's past performance, estimating its future performance, and valuing its equity. The course integrates concepts from accounting, finance, economics, and business strategy to help students make informed financial decisions. Students will learn to carry out effective investment analysis using financial statements and other analytical tools. The course covers key topics such as profitability analysis, liquidity analysis, DuPont and cash flow analysis, and efficiency analysis. Students will explore methods for calculating Economic Value Added (EVA) and Market Value Added (MVA), and how to apply valuation models like discounted cash flow (DCF) and comparables. In addition, students will analyze strategic factors such as Pest analysis, scenario and sensitivity analysis, and competitive rivalry analysis to assess a company's value. Students will also examine credit risk analysis, strategic suitability, and how to evaluate a firm's core competencies and value chain. The course includes hands-on experience in financial modeling, forecasting revenues, earnings, asset balances, and free cash flows to generate logically consistent and reasonably accurate predictions for future performance. By the end of the course, students will have developed the skills necessary to analyze financial statements, forecast future performance, and conduct in-depth valuation analysis, preparing them for careers in investment banking, equity research, corporate finance, and private equity.

FNCE 222: Behavioral Finance & Artificial Intelligence in Investment Decision-Making **12 Credits**

This course explores the intersection of behavioral finance and artificial intelligence (AI) to analyze investor behavior and decision-making processes. It examines cognitive biases, emotional influences, and psychological heuristics that drive investment choices, while integrating AI-driven tools such as machine learning, sentiment analysis, and predictive analytics to enhance financial decision-making. Students will gain insights into how AI can detect patterns in investor sentiment, forecast market trends, and mitigate irrational decision-making. Real-world case studies and hands-on projects will provide practical experience in using AI-driven behavioral finance models. By the end of the course, students will be able to apply behavioral finance theories alongside AI techniques to optimize investment strategies in complex financial markets. Behavioral finance is the study of the influence of psychology on the behavior of financial practitioners. Students will learn about the wide range of decision making biases and information processing errors that influence our financial decision making. The course will explore the influence of psychology on the behavior of investors and the subsequent effect on financial markets

FNCE 412: Institutional Investment Analysis **12 Credits**

This course involves a study of the techniques, vehicles and strategies for implementing investment goals in the light of risk and return tradeoffs. Key factors that determine the composition of the individual or the institutional are emphasized. Also included are theories and techniques for the management of portfolios with emphasis on the portfolio manager's role in diversification and meeting investor goals, risk evaluation and portfolio analysis. This course provides students with a comprehensive understanding of the investment environment, focusing on the processes, strategies, and tools employed in institutional investment analysis. It explores the foundational concepts of investment, the clients of financial systems, and the roles of financial intermediaries and investment companies in managing institutional assets. The course emphasizes the financial instruments used in investments and provides a structured framework for investing in securities, addressing the key elements of investment management and the decision-making process. Students will examine capital markets and securities, including market structures, types of securities such as shares, bonds, and mutual funds, and the structure of interest rates. The course will also cover security market indicators, various security trading strategies, and securities rating methodologies. The goal is to equip students with the ability to assess market conditions, trade securities effectively, and apply appropriate rating systems. A central focus of the course is investment risk analysis, where students will learn to measure return and risk, understand the determinants of the required rate of return, and explore the relationship between risk and return. The concept of time value of money will also be applied in the context of investments to enhance decision-making skills. Incorporating portfolio theory, the course covers essential concepts such as portfolio analysis and selection, and the process of capital allocation between risky assets and risk-free assets. Students will study models like the Capital Asset Pricing Model (CAPM), Arbitrage Pricing Theory (APT), and concepts such as the Security Market Line and Capital Asset Lines, to optimize portfolio construction. The final component of the course focuses on security valuation, where students will learn to value equity investments and bonds, calculate bond pricing and yields, and apply economic and industry analysis to assess company-level investments. By the end of this course, students will be equipped with the skills necessary to evaluate investment opportunities, construct and manage institutional portfolios, and apply sophisticated investment strategies to achieve long-term financial goals.

FNCE 421: Advanced Institutional Investment Management & Portfolio Strategy **12 Credits**

This course provides an in-depth exploration of the fund management industry, focusing on the core processes and strategies used by institutional investors to optimize portfolio performance and achieve long-term investment goals. The course covers essential concepts in asset management, including the Statement of Investment Policy (SIP), which guides the investment decisions of institutional investors, and the distinction between asset selection and asset allocation. Key areas of study include Strategic Asset Allocation (SAA) and Tactical Asset Allocation (TAA), which help investors balance long-term goals with short-term market conditions. Students will explore bond portfolio management strategies, including sources of bond investment risk and methods for managing those risks effectively. Asset-Liabilities Management (ALM) strategies will be covered to ensure a balance between institutional assets and liabilities, maintaining financial stability. The course also delves into active bond management strategies and mixed bond portfolio management, emphasizing practical approaches to managing bond portfolios. Students will learn how to value forward and futures contracts, as well as options, with detailed coverage of the Binomial Model and Black-Scholes Model for option pricing. As part of the portfolio management module, students will explore the significance of commingled funds and how they offer institutional investors advantages such as diversification and economies of scale. The course will examine advanced portfolio strategies, including market timing, beta trading, and dynamic asset allocation, to enhance risk-adjusted returns. Students will also gain insights into portfolio measuring and monitoring, learning techniques like dollar-weighted return and time-weighted return to assess portfolio performance. The course culminates with an exploration of the regulatory environment, ensuring that students understand the legal and compliance requirements for managing institutional portfolios. With practical case studies, real-world applications, and assessments such as mid-semester exams, tests, and a final examination, students will develop the expertise to manage institutional investment portfolios effectively and implement sophisticated fund management strategies.

FNCE 422: Real Estate Investment and Finance **12 Credits**

This course looks at how various investors in property or real estate put money into the asset. The major focus will be on the property markets, the returns obtainable, property performance measurement, securitization, refurbishment, rehabilitation and redevelopment, risk peculiar property and valuation. This course will also give prominence to global property markets, and the impact of globalization on global property returns. Further this course is intended to impart deeper knowledge about sources of property development finance. In pursuance of this goal special attention will be given to the two main property finance branches of Corporate Finance and Project Finance. Shares issues, Loan stocks, debt finance, Lease finance and short-term finance will be examined under corporate funding while partnerships, unitization, securitization, finance matrix will be dealt with under project finance. The use of derivatives in property finance, multi-option facilities, recourse loans, non-recourse and limited recourse, joint ventures will be explored in this course.

FNCE 423: Risk Analysis and Management **12 Credits**

The aim of the subject is to introduce the students to modern techniques of analyzing and identifying financial risk. Areas to be covered will include: Sources of financial risk, Value at Risk (VaR) techniques, Mean-variance analysis, Bond duration, Convexity and dispersion, Utility index models, Simulation, Stress testing i.e. mechanical approaches to stressing testing, Credit risk analysis and Liquidity risk analysis. The module will also look at the use of models to hedge risk exposures, creation of instruments to enable investors to transfer risk, enhance liquidity; and the arbitraging process. At the core of this will be derivatives which will encompass: Options, Forwards, Futures, and Swaps etc. It will also include: Decision making, Portfolio selection, Credit risk, Liquidity risk, Legal risk and Operational risk management and Bond immunization emerging issues in risk management. The module will also look at the use of models to hedge risk exposures, creation of instruments to enable investors to transfer risk, enhance liquidity; and the arbitraging process. At the core of this will be derivatives which will encompass: Options, Forwards, Futures, and Swaps etc. It will also include: Decision making, Portfolio selection, Credit risk, Liquidity risk, Legal risk and Operational risk management and Bond immunization

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"The thoughts of the diligent tend only to plenteousness; but of every one that is hasty only to want"
Proverbs 21:5 KJV

Department of Management, Marketing and MBA

Chairperson: Khanyisa Malufu, PhD

Full Time Lecturers

- Mary Mhlanga, MCom
- Ntando Tshuma, MCom
- Prof. Barnold Baidya, PhD
- Mduduzi Sibanda, MBA

Adjunct Lecturers

- Anne Mawere
- Musa Nyathi
- Kuda Kudyanga

Adjunct Lecturers - MMM/MBA

- Dr. Florence Zimunya
- Dr. Alfred Mthimkulu
- Knowledge Sigauke
- Dr. Nelia Eta Marima
- Dr. Jabez Moyo

Mission Statement

The Department of Management, Marketing and MBA, equips students with practical skills, knowledge, and industry experience relevant to become successful business leaders and innovators, contributing to the growth and sustainability of organizations and communities at large.

Career Opportunities

A graduate from BCom Honours in Management, Marketing and MBA may be employed as:

Management:

- Business Development Manager
- Human Resources Manager
- Risk Manager
- Project Manager
- Management Consultant
- Production Manager
- Business analysts
- Supply chain managers
- Office administrators
- Investment management

Marketing

- Distribution Management,
- Advertising and Promotions,
- Export Marketing,
- Marketing research,
- New Product/Service Development,
- Marketing Strategy,
- Product Brand Management,
- Wholesale and Retail Management,
- Merchandising
- Personal Selling and
- Sales Management,
- Marketing Consultancy and

- Public Relations.
- Digital Marketer
- Event/meeting Planner
- Social Media manager
- Public relations officer
- SEO Specialist

Master of Business Administration (MBA):

- Chief Executive Officer
- Financial management
- Management consulting
- Production management
- Entrepreneurship
- Business development manager
- Chief information officer
- Financial advisers

Bachelor of Commerce Honours in Business Management

Name of Program	Bachelor of Commerce Honours in Business Management
Duration	4 Years
Minimum Credit Load	480
Maximum Credit Load	540
Maximum MBKS Credits	396
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry: Five 'O' Levels including English and Mathematics, two A' Level passes in Commercial subjects	✓
Special Entry: National Certificate (NC), National Diploma (ND) or Higher National Diploma (HND) in Business Studies from recognized institutions	✓
Mature Entry: Applicant should be 23 years of age and at least 2 years of experience in a relevant field plus 5 "O" Level subjects, including English Language.	✓
Other:	✓

Graduation Requirements

	Notional Credits
General Courses	144
Core Courses	396
Total	**540**

Intended Learning Outcomes

By the end of the program a graduate will be able to:

- Efficiently and effectively manage people and resources in various organizations.
- Design and apply innovative management models and systems in making decisions.
- Guide businesses according to ethical best practices, legal frameworks, and corporate social responsibility standards.

Program Assessment

Coursework	40% (Assignments, Quizzes, Tests, Practical, Mid Semester Exam, etc.)
Final Examination	60%

Industrial Attachment	Student's report (50%), assessment by work supervisor (30%), and assessment by Academic supervisor (20%).

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 111-412	Convocations	20	0	0
ORIE 111	Orientation	20	0	0
AGWE 111 – 112	Work Education	40	0	0
THEO 424	Church Heritage	40	0	0
Health and Physical Education				
HLED 115	Health Education	40	12	3
	Total	**160**	**12**	**3**
Languages and Communication				
HUMA 111	Communication Skills and Academic Writing	120	12	3
	Total	**120**	**12**	**3**
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	120	12	3
Religion and Philosophy				
THEO 106	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
	Total	**240**	**24**	**6**
Departmental Courses				
ACCT 120	Financial Accounting IB	120	12	3
ACCT 214	Tax Law & Practice	120	12	3
MGMT 222	Material Acquisitions	120	12	3
ACCT 225	Management & Cost Accounting I	120	12	3
FNCE 412	Institutional Investment Analysis	120	12	3
MGMT 233	Total Quality Management	120	12	3
INSY 423	Management Information Systems	120	12	3
	Total	**840**	**84**	**21**
	TOTAL	**1520**	**144**	**36**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
INSY 118	Introduction to Information Technology	120	12	3
ACCT 115	Financial Accounting for Business			
MGMT 127	Business Ethics	120	12	3
ECON 115	Principles of Economics	120	12	3

MKTG 127	Principles of Marketing and Artificial Intelligence	120	12	3
MGMT 121	Commercial Law	120	12	3
MGMT 115	Principles and Practices of Management	120	12	3
STATS 180	Quantitative Analysis for Business	120	12	3
MGMT 215	Human Resource Management	120	12	3
MGMT 212	Company Law & Practice	120	12	3
MGMT 224	Family and Small Business Management	120	12	3
MGMT 221	Industrial & Labour Relations Management	120	12	3
BSAD 298	Business Research Methods	120	12	3
FNCE 211	Corporate Finance	120	12	3
MGMT 216	Entrepreneurship Theory & Practice	120	12	3
BSIA 301	Industrial Attachment	1200	120	30
MGMT 414	Organizational Behaviour	120	12	3
MGMT 412	Strategic Management	120	12	3
MGMT 423	Production & Operations Management	120	12	3
MGMT 422	Corporate Governance	120	12	3
MGMT 421	Change Management	120	12	3
MGMT 411	Project Management	120	12	3
MGMT 424	Research Project	240	24	6
	Total	**3960**	**396**	**99**
	Grand Total	**5480**	**540**	**132**

Course Schedule

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
INSY 118	Introduction to Information Technology	120	12	3
HUMA 111	Communication Skills & Academic Writing	120	12	3
ACCT 115	Financial Accounting for Business	120	12	3
ECON 115	Principles of Economics	120	12	3
MGMT 115	Principles and Practices of Management	120	12	3
STAT 180	Quantitative Analysis for Business	120	12	3
CONV 111	Convocation	20	0	0
ORIE 100	Orientation	20	0	0
AGWE 111	Work education	40	0	0
	Total	**800**	**72**	**18**

Level I: Semester 2				
MKTG 127	Principles of Marketing and Artificial Intelligence	120	12	3
HLED 125	Health Education	120	12	3
MGMT 121	Commercial law	120	12	3
MGMT 127	Business Ethics	120	12	3
ACCT 120	Financial Accounting IB	120	12	3
THEO 126	Christian Beliefs	120	12	3
CONV 112	Convocation	20	0	0
AGWE 112	Work Education	40	0	0
	Total	**780**	**72**	**18**

Level II: Semester 1				
MGMT 215	Human Resource Management	120	12	3
MGMT 212	Company Law & Practice	120	12	3
FNCE 211	Corporate Finance	120	12	3
ACCT 214	Tax Law & Practice	120	12	3
THEO 215	Philosophy of Christian Education	120	12	3
MGMT 216	Entrepreneurship Theory & Practice	120	12	3
CONV 211	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level II: Semester 2				
MGMT 222	Materials Acquisition	120	12	3
MGMT 221	Industrial & Labour Relations	120	12	3
BSAD 298	Business Research Methods	120	12	3
ACCT 225	Management & Cost Accounting I	120	12	3
MGMT 224	Family & Small Business Management	120	12	3
MGMT 223	Total Quality Management	120	12	3
CONV 212	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level III Semester 1 & 2				
BSIA 301	Industrial Attachment	1200	120	30
	Total	**1200**	**120**	**30**

Level IV: Semester 1				
MGMT 411	Project Management	120	12	3
MGMT 412	Strategic Management	120	12	3
FNCE 412	Institutional Investment Analysis	120	12	3
MGMT 414	Organizational Behaviour	120	12	3
MGMT 424	Research Project	120	12	3
CONV 411	Convocation	20	0	0

Total	**740**	**72**	**18**

Level IV: Semester 2				
MGMT 421	Change Management	120	12	3
MGMT 422	Corporate Governance	120	12	3
MGMT 423	Production Operations Management	120	12	3
BIOL 420	Science of Origins	120	12	3
INSY 423	Management Information Systems	120	12	3
CONV 412	Convocation	20	0	0
	Total	**740**	**72**	**18**
	Grand Total	**4920**	**492**	**123**

Module Synopses

HLED 125 Health Education **12 Credits**

This course presents principles of personal and community health: it is designed to promote health as outlined by the Bible and the spirit of prophecy and backed by Evidence Based Medicine. It is designed to identify unhealthy behavior and be able to correct them. The course also educates and motivates students to adopt a healthier lifestyle and extend more than all technological wonders of modern medicines. The focus is prevention of disease by learning how to take care of oneself, family, community and environment. The major objective of the Aerobic health and fitness course has been to provide knowledge , attitudes and strong motivation and practice instruction in the strong hope that each individual will make exercise a regular life practice.

HUMA 111 Communication Skills and Academic Writing **12 Credits**

This course covers the communication process, models of communication and kind of communication. It emphasizes both oral and written communication which includes speech preparation, interviews and business communication. This is an introduction to the basic principles of academic research and the research process. It also focuses on different levels of research, types of research methods, techniques of research writing, methods of finding information, basics in analysis and presentation of data, bibliography styles, mechanics and format choices required for organizing scholarly research papers.

BIOL 420 Science of Origins **12 Credits**

Studies in the scientific explanation of origins in contrast with explanations derived from divine revelation. Selected critical approaches are examined and evaluated. Open to all students and is applicable to the General Education Requirement in natural Sciences. A photocopy of a recent magazine or journal cutting and summary is required.

THEO 216 Philosophy of Christian Education **12 Credits**

A study of aims, principles, and theory of education with special reference to church related schools. The foundational concepts and principles of philosophical thoughts and schools as they relate to education are represented from historical, political, cultural, and religious viewpoints. The Seventh-day Adventist philosophy of education will be highlighted.

THEO 126: Christian Beliefs 12 Credits

An introductory course for general students who need a background in religious studies. It focuses on the biblical themes of revelation, the Christian God, salvation, God's law, the covenants, the Sabbath Commandment, the sanctuary, the Church, and the Second Advent of Jesus Christ.

MKTG 127: Principles of Marketing and Artificial Intelligence **12 Credits**

Principles of Marketing introduce students to be key marketing concepts that they will cover in-depth in subsequent specialized marketing modules. It will familiarize students with marketing mix elements (product, pricing, promotion and distribution) , enhance student's environmental analysis techniques and introduce them to strategy formulation.

INSY 423: Management Information Systems **12 Credits**

This module introduces students to business information systems and functions. It will introduce students to information systems, management and marketing information systems, ensure students are aware of BIS components and databases and examine the relationship between BIS, decision making process and gaining competitive advantage over competitors. The module provides a detailed understanding of the basic principles of Accounting Software and the implementation of accounting computerized systems. The student is expected to develop analytical and critical abilities through study and use of popular Accounting Packages currently being utilized by the corporate world.

MGMT 223: Total Quality Management **12 Credits**

This course explores the A-Z of Total Quality Management (TQM) so that students will be able to appreciate, understand, and apply the principles of TQM.

ACCT 115: Financial Accounting for Business **12 Credits**

This module is intended to equip the student with the necessary skills which should enable the student to apply the basic principles of accounting and keep proper records required to ascertain the financial results and financial position of the sole proprietors and non-profit organizations, as well as prepare proper books from incomplete records. The Module covers the basic accounting equation, the double entry system, inventory valuation, the trial balance, Books of original entry, capital expenditure and revenue expenditure, depreciation of non-current assets, bad debts and provisions for bad debts, accruals and prepayments, control accounts, suspense accounts. The Module also covers incomplete records, receipts and payments accounts, income and expenditure accounts, manufacturing accounts, departmental accounts, joint venture accounts.

MGMT 127: Business Ethics **12 Credits**

The module examines the history and development of business Ethics by highlighting some models of moral behaviour and how they could be related to various situations in the business world. It explores the variant ethical theories such as utilitarianism, deontological ethics, and egoism. The Module also seeks to expose students to critical thinking necessary in resolving moral dilemmas vis-à- vis the most pressing ethical issues in business such as fraud, insider trading, wistle blowing and many others. The Module is an application of ethical theories to issues related to business.

ECON 115: Principles of Economics **12 Credits**

This module will study markets and the decision making embedded therein. It will discuss standard economic arguments that free markets work "best", the conditions under which these arguments are most believable, and policy options when these conditions are not met. The module will examine both competitive markets, for which basic models of supply and demand are most appropriate, and markets in which agents act strategically, for which game theory is the more appropriate tool. The module will cover, inter alia, economic theory and the market economy, consumer theory, choice under uncertainty, production and costs, efficiency and trade, market equilibrium, game theory and imperfect competition.

INSY 118: Introduction to Technology **12 Credits**

The module aims at Introducing Information Technology to students. It aims at strengthening the understanding, use of computers, fundamental concepts, information system concepts, types of systems, transaction processing etc. in addition, this module examines the concepts and structures governing the design and implementation of programming languages. It presents an introduction to the concepts behind compilers and runtime representations of programming languages; features of programming languages supporting abstraction and polymorphism; and the procedural, functional, object-oriented, and concurrent programming paradigms. Programs are required in languages illustrating each of these paradigms.

FNCE 211: Corporate Finance **12 Credits**

The aim of the module is to identify the objective that corporate finance managers ought to pursue in order to satisfy the needs of corporate stakeholders and to develop students, concepts and corporate analytical tools that will enable them to meet this objective. To this end, the module will cover the following critical areas: goals of a firm and the agency theory-time value concepts and valuation of bonds and shares; capital budgeting under certainty; operating and financial leverage; introduction to portfolio theory and capital asset pricing; the stock market and other sources of long-term capital; innovations in corporate finance.

MGMT 121: Commercial Law **12 Credits**

This module will help the students to understand the origination of the Zimbabwean Law and the basic elements of legal rules which affect the country's business environment. It considers the principles of commercial law and relevant cases, statutes and authorities applicable in the country. This module will also assist students to be able to offer simple solutions to business problems in a clear and logical manner and to be able to apply legal rules to given factual situations. The Module introduces students to the General principles of Law and its interpretation. The Module covers the nature of the Law, sources of Zimbabwe Law, contract Law, Law of purchase and sale and Law agency. This module will also help students to further develop their understanding of the Zimbabwean commercial law and the basic elements of legal rules which affect the country's business environment. It also delves into the further principles of commercial law and relevant cases, statutes and authorities applicable to Zimbabwe. The module covers the law of negotiable instruments, securities, partnerships, and delict. The module also introduces company law from its formation to management stages.

MGMT 115: Principles of Management **12 Credits**

Principles of Management introduce students to the general management concepts. It mainly covers the issues like the nature of management, the evolution of management, Managerial environments, managing change, staffing as a management function, Motivating and Rewarding employees, Leadership and Management, Communication and Interpersonal Skills, Productivity and Total Quality Management. In addition it emphasizes that organizations must be effectively and efficiently managed. The aim of the module is to enable students to have a better perception of the classical and contemporary theories in management and how they can employ such practices to solve organizational problems at all three levels of management (higher, middle and lower management level) and gain better results. The module examines why and how the various theories learned are applied in business practice and how they can be applied to the Zimbabwean context and globally.

MGMT 215: Human Resource Management **12 Credits**

This is a study of both job and people management. Topics covered will include; job analysis, design and evaluation. People management will include human resource planning, recruitment, selection, placement, performance appraisals, training and development, supervision, motivation, compensation, pensions, grievances, disciplinary actions and labour relations.

STAT 180: Quantitative Analysis for Business **12 Credits**

The purpose of the Module is to provide a comprehensive exposition of basic mathematical concepts that are used in the business world. The main thrust of the Module will be on application of mathematical tools to business decision making processes. The Module will cover time value of money calculations, measures of central tendency, measures of position, measures of dispersion, theory of probability, random variables and their distributions, Bernoulli distribution, binomial distribution, poison distribution, geometric distribution, exponential normal distributions, chi-square distribution T–test distribution, confidence intervals, hypothesis testing, test of association and goodness of fit, regression analysis and correlation, analysis of variance, time series analysis, introduction of non-parametric statistics, index numbers.

MGMT 212: Company Law and Practice **12 Credits**

The module aims to enable students to obtain a legal working knowledge of corporate enterprises. They should be able to apply acquired knowledge, skills and display professional competence as expected of accountants, in the decision-making process relating to company secretarial functions and advise on legality of actions and decisions taken by management and the board of directors.

MGMT 224: Family and Small Business Management **12 Credits**

The module is intended to promote understanding of the nature of family businesses, their contribution to the economy and society, the distinctiveness of family owner managed and entrepreneurial styles of management, the problems faced by family businesses, and how these problems can be overcome. The module addresses the management of established family businesses. It examines succession, values, life cycles, marketing strategies, conflict resolution, communications, legal and financial aspects, estate planning, governance and other topics that uniquely touch family business management. It will convey the characteristics that differentiate family business from other businesses. The module explores and analyses family business continuity challenges and best management practices.

MGMT 221: Industrial and Labor Relations **12 Credits**

This module is targeted to equip students with the following: understanding of the employment relationships, understanding and appreciation of the origins of industrial relations and the worker problem, understanding of theoretical issues behind the collective bargaining role of trade unions.

MGMT 298: Business Research Methods **12 Credits**

Business Research Methods is based on a proactive approach to the management of business information and the application of that information to business decisions. If done properly business research can provide you with valuable insights concerning markets, customers, products, organisational resources and business strategy. If done incorrectly, research methods can provide the decision maker with a false sense of validity and integrity, leading to misguided and costly decisions. It will ensure students can: address a management decision problem and a business research problem, and discuss the differences between them, plan, conduct and interpret a focus group, create a strategy for increasing survey response rates, differentiate between situations that call for survey, and situations that call for observational research, create and conduct a small survey, scale and questionnaire techniques, recommend the best sampling technique for different situations and defend that recommendation, create a frequency distribution and a cross-tabulation, conduct basic statistical analysis on the data, and summarize the results in clear language and write a business research report.

MGMT 422: Corporate Governance **12 Credits**

The module delves into the tenets of corporate governance and corporate social responsibilities. The key issues covered include: the role of moral values, external institutions, internal structures, incentive systems, organizational culture, and means of guiding managerial behaviour among other things.

BSIA 301: Industrial Attachment **120 Credits**

Approved industrial attachment of not less than eight (8) months and not more than twelve (12) months is aimed at providing third year students with a practical exposure to the live Travel, Leisure and Recreation Industry. The candidate is expected to rotate the various departments of the organization to which he/she will be attached to enable them to be exposed to all functions of that organization. The candidate must be appraised by each departmental supervisor who assigns the student day to day duties and a percentage score should be given before leaving for the next department.

MGMT 414: Organizational Behaviour **12 Credits**

This course investigates the impact of leadership and empowerment, decision making, individual and interpersonal behaviour and group behaviour in organizational efficiency and effectiveness. Topics like managing change, organizational culture, stress and counselling and other emerging aspects of organizational behaviour are also discussed. The course helps the manager to understand individual behaviours in the organization.

MGMT 496: Strategic Management **12 Credits**

Strategic management is a managerial module which delves much into the long- term/strategic management tasks of organizations. The module aims to give students a thorough understanding of the theory and practice of higher level management. It focuses on the roles and responsibilities of the top/general management. The areas covered include: Vision; Mission; Strategic goals; Long- term Strategies; Implementations; Controlling; Closing strategic gaps, Authority and information flow; as well as Deployment of organizational resources.

MGMT 423: Production and Operations Management **12 Credits**

Topics covered in the module includes developing production / operations management strategies, the strategic role and objectives of production / operations, production / operations management strategies – designing, planning and controlling the production / operations management system, process technology, materials requirements planning, JIT planning and control, quality planning and control, and project planning. Improving the production / operations management systems, measuring performance and improvement, maintaining the production / operation system, new challenges and contemporary issues are also covered.

MGMT 421: Change Management **12 Credits**

This module introduces students to organizational changes and management. The issues to be covered include: status quo managers versus change agents, ways of managing change, strategies for change implementation, advantages and disadvantages of change, causing changes versus situational changes, organizational learning, etc. and basic taxation concepts.

MGMT 411: Project Management	**12 Credits**
The module involves a detailed study of network analysis and project scheduling techniques, project structuring, project finance, hiring and management of personnel, control of materials, project evaluation, monitoring the project, budgeting and project completion.	
MGMT 424: Research project	**24 Credits**
This module is an independent project in content areas related to administration and management. Students work under the supervision of an assigned departmental lecturer to address comprehensive company-based or research- orientated problems with documented results. Each student will have an individualized project, which may be assigned by the student's employer or may be created in coordination with a faculty member. The completed project should clearly present the problem of the research subject investigated or applied project undertaken, its significance to theory or business practice, the research or project background, a well-defined method, results or findings, and their implications.	

Image by Freepik

Bachelor of Commerce Honours in Marketing

Name of Program	Bachelor of Commerce Honours Degree in Marketing
Duration	4 Years
Minimum Credit Load	480
Maximum Credit Load	540
Maximum MBKS Credits	384
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry: Five 'O' Levels including English and Mathematics and two A' Level passes	✓
Special Entry: National Certificate (NC), National Diploma (ND) or Higher National Diploma (HND) in Marketing from recognized institutions	✓
Mature Entry: Applicant should not be less than 25 years and at least 2 years of experience in a relevant field. Five "O" level subjects including English Language and Mathematics	✓
Other:	✓

Graduation Requirements

	Notional Credits
General Courses	156
Core Courses	384
Total	**540**

Intended Learning Outcomes

By the end of the program a graduate will be able to:

- Developing and demonstrating competence in selling
- Competence in conducting and applying marketing research in decision making
- Capability in communication the marketing message
- Competence in managing supply chains
- Setting up and managing marketing programs and firms

Program Assessment

Coursework	40% (Assignments, Quizzes, Tests, Practical, Mid Semester Exam, etc.)
Final Examination	60%
Industrial Attachment	Student's report (50%), assessment by work supervisor (30%), and assessment by Academic supervisor (20%).

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 111-412	Convocations	20	0	0
ORIE 111	Orientation	20	0	0
AGWE 111 – 112	Work Education	40	0	0
THEO 424	Church Heritage	40	0	0

Health and Physical Education				
HLED 115	Health Education	40	12	3
	Total	**160**	**12**	**3**
Languages and Communication				
HUMA 111	Communication Skills and Academic Writing	120	12	3
	Total	**120**	**12**	**3**
Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	120	12	3
Religion and Philosophy				
THEO 126	Christian Beliefs	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
	Total	**240**	**24**	**6**
Departmental Courses				
MGMT 216	Entrepreneurship	120	12	3
INSY 213	Web Technologies	120	12	3
ACCT 231	Management & Cost Accounting	120	12	3
MKTG 260	Retail Marketing Management	120	12	3
MKTG 430	Tourism & Hospitality Marketing	120	12	3
MKTG 440	Marketing Channel Management	120	12	3
MKTG 460	Relationship Marketing	120	12	3
FNCE 211	Corporate Finance	120	12	3
	Total	**960**	**96**	**24**
	Grand Total	**1640**	**156**	**39**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
ACCT 110	Financial Accounting 1A	120	12	3
MKTG 125	Principles of Marketing 1	120	12	3
MKTG 130	Principles of Marketing 2	120	12	3
STATS 185	Quantitative Analysis For Business 1	120	12	3
ECON 115	Principles Of Economics	120	12	3
INSY 111	Introduction To ICT	120	12	3
MGMT 121	Business Law	120	12	3
MKTG 230	Consumer Buyer Behavior	120	12	3
BSAD 298	Research Methods	120	12	3
MKTG 210	Marketing Communications	120	12	3
MKTG 220	Sales Management	120	12	3
MKTG 200	Marketing Information Systems	120	12	3
MKTG 240	Business To Business Marketing	120	12	3
MKTG 250	Digital Marketing	120	12	3

BSIA 301	Industrial Attachment	1200	120	30
MKTG 490	Research Project	240	24	6
MKTG 410	Services Marketing	120	12	3
MKTG 420	Strategic Marketing Management	120	12	3
MKTG 470	Corporate Governance & Business Ethics	120	12	3
MKTG 400	Consultancy	120	12	3
MKTG 480	International Marketing	120	12	3
MKTG 450	Brand Management	120	12	3
	Total	**3840**	**384**	**96**
	Grand Total	**5480**	**540**	**135**

Course Schedule

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Level I: Semester 1				
ACCT 110	Financial Accounting I A	120	12	3
HUMA 111	Communication Skills & Academic Writing	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
STAT 180	Qualitative Analysis of Business	120	12	3
ECON 115	Principles of Economics	120	12	3
MKTG 125	Principles of Marketing 1	120	12	3
AGWE 111	Work Education	40	0	0
ORIE	Orientation	20	0	0
CONV 111	Convocation	20	0	0
	Total	**800**	**72**	**18**

Level I: Semester 2				
HELD 115	Health Education	120	12	3
MGMT 121	Business Law	120	12	3
INSY 111	Introduction to ICT	120	12	3
THEO 126	Christian Beliefs	120	12	3
MKTG 130	Principles of Marketing 2	120	12	3
ACCT 231	Management & Cost Accounting	120	12	3
AGWE 112	Work Education	40	0	0
CONV 112	Convocation	20	0	0
	Total	**780**	**72**	**18**

Level II: Semester 1				
MKTG 210	Marketing Communications	120	12	3
FNCE 211	Corporate Finance	120	12	3
MKTG 230	Consumer Buyer Behavior	120	12	3
BSAD 298	Business Research Methods	120	12	3
MGMT 216	Entrepreneurship	120	12	3
BIOL 420	Science of Origins	120	12	3

CONV 201	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level II: Semester 2				
MKTG 220	Sales Management	120	12	3
MKTG 240	Business to Business Marketing	120	12	3
MKTG 250	Digital Marketing	120	12	3
MKTG 260	Retail Marketing Management	120	12	3
MKTG 200	Marketing Information Systems	120	12	3
CONV 201	Convocation	0	0	0
	Total	**600**	**60**	**15**

Level III Semester 1 & 2				
BSIA 301	Industrial Attachment	1200	120	30
	Total	**1200**	**120**	**30**

Level IV: Semester 1				
MKTG 400	Consultancy	120	12	3
MKTG 410	Services Marketing	120	12	3
MKTG 420	Strategic Marketing Management	120	12	3
INSY 213	Web Technologies	120	12	3
MKTG 490	Research Project	240	24	6
CONV 401	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level IV: Semester 2				
MKTG 430	Tourism & Hospitality Marketing	120	12	3
MKTG 440	Marketing Channel Management	120	12	3
MKTG 450	Brand management	120	12	3
MKTG 460	Relationship Marketing	120	12	3
MKTG 470	Corporate Governance and Business Ethics	120	12	3
MKTG 480	International Marketing	120	12	3
CONV 402	Convocation	20	0	0
	Total	**740**	**72**	**18**
	Grand Total	**5600**	**560**	**117**

Module Synopses

THEO 216 Philosophy of Christian Education **12 Credits**

A study of aims, principles, and theory of education with special reference to church related schools. The foundational concepts and principles of philosophical thoughts and schools as they relate to education are represented from historical, political, cultural, and religious viewpoints. The Seventh-day Adventist philosophy of education will be highlighted.

THEO 126: Christian Beliefs **12 Credits**

An introductory course for general students who need a background in religious studies. It focuses on the biblical themes of revelation, the Christian God, salvation, God's law, the covenants, the Sabbath Commandment, the sanctuary, the Church, and the Second Advent of Jesus Christ.

HLED 125 Health Education **12 Credits**

This course presents principles of personal and community health: it is designed to promote health as outlined by the Bible and the spirit of prophecy and backed by Evidence Based Medicine. It is designed to identify unhealthy behavior and be able to correct them. The course also educates and motivates students to adopt a healthier lifestyle and extend more than all technological wonders of modern medicines. The focus is prevention of disease by learning how to take care of oneself, family, community and environment. The major objective of the Aerobic health and fitness course has been to provide knowledge , attitudes and strong motivation and practice instruction in the strong hope that each individual will make exercise a regular life practice.

HUMA 111 Communication Skills and Academic Writing **12 Credits**

This course covers the communication process, models of communication and kind of communication. It emphasizes both oral and written communication which includes speech preparation, interviews and business communication. This is an introduction to the basic principles of academic research and the research process. It also focuses on different levels of research, types of research methods, techniques of research writing, methods of finding information, basics in analysis and presentation of data, bibliography styles, mechanics and format choices required for organizing scholarly research papers.

BIOL 420 Science of Origins **12 Credits**

Studies in the scientific explanation of origins in contrast with explanations derived from divine revelation. Selected critical approaches are examined and evaluated. Open to all students and is applicable to the General Education Requirement in natural Sciences. A photocopy of a recent magazine or journal cutting and summary is required.

MKTG 125: Principles of Marketing I **12 Credits**

This module is designed to introduce basic marketing principles concepts to students. Key topic covered in the module are; Introduction to marketing, Evolution of marketing concept, The 4Ps of Marketing in detail: (Product, Price, Place and Promotion), The extended marketing mix, Segmentation, Targeting and Positioning.

MKTG 130: Principles of Marketing II **12 Credits**

The course is designed to be an extension of Principles of Marketing 1. Topics covered are; Consumer Markets and Buyer Behavior, Business Markets and Buyer Behavior, The Micro Marketing environment, The Macro Marketing Environment, Creating competitive Advantage, Sustainable Marketing, International Marketing, Marketing Research and Marketing Planning.

MKTG 200: Marketing Information Systems **12 Credits**

The module is designed to enable students to study, understand and apply the role of technology and its applications in the digital marketing age for organizational competitive advantage. The topics studied are; Managing the Digital Firm, Information Systems in an Enterprise, Marketing Information Systems, Electronic Commerce, Strategic Uses of Information, The Systems Development Process, Database Concepts, Distributed Systems, Security Threats, Types of Control

MKTG 210: Marketing Communications **12 Credits**

This module is designed to understand and appreciate the variety of ways in which organizations use MC, as well as understand key theories and concepts in MC. Topics covered are as follows; Introduction to MC, Types of MC, The Linear Model of Communication, Branding, Internet Strategies, MC Tools (Advertising, Personal Selling, Public Relations, Direct Marketing, Sales Promotions and Sponsorships), Integrated Marketing Communications, Permission Marketing, Word of Mouth Communications, International MC, Standardization vs Adaptation, Corporate Reputation, Corporate Identity Process, Corporate Communications, Exhibitions and Product Placement as well as Ethics in Marketing Communications.

MKTG 220: Sales Management **12 Credits**

The module examines the elements of an effective sales force as a key component of the organization's overall marketing effort. The topics covered in this course are; Introduction to Sales Management, The Sales Environment, Intrinsic and Extrinsic Issues in Sales Management, Personal Selling, The Selling Process, Recruitment and Selection of Sales force, Sales force Training, Sales Forecasting, Budgeting, Sales and Territory Management, Sales Management Tactics, Legal and Ethical Issues in Sales Management, and Sales force Evaluation.

MKTG 230: Consumer Buyer Behavior **12 Credits**

The aim of the module is to enable students to study and understand buyer behavior principles which will make the better marketers, customers, retailers and citizens. Topics explored in the course are; Introduction to CBB, Market Value and Customers, Determinants of CBB, Consumer/Buyer Decision Making Process, Customer Focused Marketing, Building Relationships with Customers, Customer Relationship Management, Trends in Determinants of CBB (The Internet and the Web, E Commerce, Online Shopping Behaviour) and Ethics in CBB.

MKTG 240: Business To Business Marketing **12 Credits**

The aim of this module is to ensure that students should have an understanding and knowledge of specific concerns of industrial marketing. They should image with the knowledge of best practices and challenges in the discipline and be able to apply these in real world context. Topics which are addressed in this course are; Introduction to Business to Business Marketing, Business Marketing Environment, Demand and Supply in Business to Business Marketing, Business Marketing Intelligence, Business to Business Marketing Research Process, Organizational Buying Behaviour, The Effect of Information Technology on Purchasing, Business Market Segmentation, Inter firm Relationships and Networks, Relationship Theories and Variables, Relationship Portfolio and Key Account Management, Business Marketing Mix, Physical Distribution, Marketing Communications, Strategic SMC, Formulating B2B Strategy, Ethics in B2B, Information Technology in B2B Marketing and Future Prospects in B2B Marketing.

MKTG 250: Digital Marketing **12 Credits**

The course provides a detailed understanding of Digital Marketing concepts, strategies and implementation in modern day business. This module is meant to help students appreciate the impact of technology on marketing. It helps them understand the nature of E-Marketing in business, society and technology. Topics covered encompass the following; Introduction to Digital Marketing and E-Market Places, E-Marketing Business Models and Concepts, Digital Marketing Infrastructure, The Internet Today, Building an E-Commerce Presence, E-Payment Systems and Security, E-Marketing Communications, Electronic Advertising, E-tailing and Services, Search Engine Marketing, Search Engine Optimization, Pay Per Click Campaign, Online Social Networks, Integrating Digital Marketing and Traditional Marketing, Customer Relationship Management using Digital Channels. The module will also include Content Marketing and Blogging, Social Media Marketing, Online Lead Generation, Email Marketing, Video Marketing, Responsive Design and Google Analytics. Digital Marketing Metrics as well as Ethics, Law and Digital Marketing.

INSY 213: Web Technologies **12 Credits**

Students will cover Web design fundamentals and internet technologies. They will have an appreciation of Web communication protocols and methods. They will learn how to use Scripting languages, interface design tools, Application Programming Interface (API), Web Services and design patterns in Web Application Development.

BSIA 301: Industrial Attachment **120 Credits**

During their third year, students are expected to be on Work Related Learning at an organization where they engage on the practical aspects of the program under supervision. Work Related Learning helps students to apply concepts they studied during the first two years of their program, in a real world context. Students are expected to add value to their academic and professional profiles whilst on attachment, while contributing maximum stakeholder value to the organizations to which they are attached.

INSY 213: Web Technologies **12 Credits**

Students will cover Web design fundamentals and internet technologies. They will have an appreciation of Web communication protocols and methods. They will learn how to use Scripting languages, interface design tools, Application Programming Interface (API), Web Services and design patterns in Web Application Development.

MKTG 400: Consultancy **12 Credits**

This module is designed to assist finalist students to develop the skills required to build and develop client relationships. The module covers the following broad topics;

- Building & Developing Client Relationships.
- Assessment of components of a sustainable consultancy proposition.
- Developing the Personal Brand;
- Scoping The Potential Service.
- Assessment of factors contributing to a Client's Business Issue.
- Facilitation of Change; Delivering the Client Outcome.
- Appraisal of how to Implement Agreed Solutions.
- Designing & Implementing Systems
- Processes & Procedures to Embed the Agreed Solution.

MKTG 410: Services Marketing **12 Credits**

The course is designed to introduce Services Marketing to final year students. It covers; Introduction to Services Marketing, Characteristics and Classification of Services, Internal Marketing, The Service Environment, Demand and Supply of Services, Managing Demand and Supply of Services, Service Quality, Gap of Service Quality, Handling Customer Complaints, Service Recovery, Designing and Managing Service Process, Distributing Services, Promoting Services, Setting Prices

MKTG 480: International Marketing **12 Credits**

The aim of the course is to ensure that students have an understanding and knowledge of international marketing and how it differs with domestic marketing. Topics explored by this module are; Introduction to IM, International Trade Theories, Environment of International Marketing(Sociocultural Environment, Culture, Hofstede's Elements of Culture, Self-Reference Criterion, Cultural Tolerance and Acceptance), Market Entry Strategies, International Market Selection, International Marketing Mix Strategies, Methods of Payment and Export Credit Insurance, Organization of IM Activities, Technology and IM and Future Prospects in IM.

MKTG 430: Tourism & Hospitality Marketing **12 Credits**

This course introduces students to the key concepts, issues, theories, and models in the marketing of tourism and hospitality products. The course begins by evaluating the tourism and hospitality industry and then explores the marketing management processes in the tourism and hospitality sector.

MKTG 440: Marketing Channel Management **12 Credits**

This course focuses on the major marketing channel decisions made by marketing management. Attention is given to marketing strategy problems of designing channel objectives, distinguishing major channel alternatives, and selecting the most appropriate channel structure and channel members to facilitate the flow of goods from producers to consumers. Emphasis is given on how to manage the selected channel structure to minimize costs; and yet it provides optimize customer service.

MKTG 450: Brand Management **12 Credits**

The course is intended to introduce students to brand management and appreciate its impact in marketing. It covers the following concepts; Introduction to brands and brand management, Types of brands, Brand equity concepts, Customer based brand equity and sources of brand equity, Brand piracy and its implications, Managing brands overtime, Integrating marketing communications to build brand equity, Leveraging secondary brand knowledge, Sources of brand equity, Measuring sources of brand equity, Brand extensions and strategies, Introducing and naming new products, Management of brands overtime and geographical boundaries, Designing and implementing branding strategies, e-branding, Managing an internet brand, Internet and brands.

MKTG: 490 Research Project **24 Credits**

During the final year, students will undertake a Research & Innovation Project of interest to the researcher under supervision of designated mentors vested with knowledge and expertise in that specialization. This project is expected to equip final year students with practical skills and knowledge to tackle real life problems and exploit opportunities as they join the world of work. Students are molded, not only to be employment seekers, but to own the capacity to produce goods and services in various economic sectors.

MKTG 460: Relationship Marketing **12 Credits**
The course explores the theory, practice and technologies associated with building customer relationships. his course first examines the key principles of relationship marketing including: the shift from a functional to a cross functional orientation; the emphasis on business processes; the integration of customer service and quality with marketing; trust, commitment, satisfaction and loyalty as building blocks of relationships; the drivers and scope of relationships, and a focus on multiple stakeholders beyond the enterprise-customer relationship. The course then addresses customer relationship management, which involves an enterprise-wide customer-centric approach to maximizing customer value. It is aimed at creating long-lasting and profitable relationships with individual customers - in both B2B and B2C context
MKTG 420: Strategic Marketing Management **12 Credits**
The course is intended to ensure students develop organizational competitive advantage for maximum shareholder value. The overall objective is to introduce the students to strategic decision making in an organization and thus develop them to think like marketers. Topics covered in this module are; The Strategic Marketing Process, Understanding the Company, Environment and Establishing Direction(Strategic Marketing Planning, Company Vision, Mission and Objectives, Environmental Scanning, Industry Analysis, Evaluating Company Resources and Capabilities), Designing Market Driven Strategies (Market Growth Strategies, Porter's Generic Strategies, Cooperative Strategies, Alliances, Blue Ocean Strategies, Marketing Warfare, Product and Service Strategies, Pricing Considerations and Strategy, Promotional Strategy, Marketing Channels and Logistics Strategy), Implementation, Control and Evaluation(Strategic Evaluation, Implementation, The Balanced Scorecard).

"I've learned that people will forget what you said, people will forget what you did, but people will never forget how you made them feel"

Maya Angelou

CHAPTER THREE

FACULTY OF THEOLOGY AND CHAPLAINCY

Dean – Prof. Nkosiyabo Zvandasara Zhou, DMin, DTh
Chairperson - (Theology and Chaplaincy) – Dr. Herbert Ndlovu, PhD, Dmin

Departments and Degrees Offered:
Department of Theology and Chaplaincy

- Bachelor of Arts Honours in Theology
- Diploma in Chaplaincy and Leadership

Philosophy
We believe that God is the Creator and Sustainer of the universe, and in love He sent Jesus as atonement for the sins of humanity. It is God who has commissioned us to advance His work of reconciling human beings to God and to fellow humanity, as well as doing the work of restoring the image of God in humanity in preparation for the return of the Lord and Saviour Jesus Christ.

Mission Statement
The mission of the Faculty of Theology and Chaplaincy is to develop pastors, chaplains, and missionaries through instruction, fellowship, and mentorship to serve God, the church, and society in keeping with the commission of the Lord Jesus Christ.
Department Of Theology and Chaplaincy

Chairperson: Dr. Herbert Ndlovu, PhD, DMin

Full Time Lecturers

- Ngabaite Muchinguri, MA
- Amos Ndlovu, MA
- Cremmar Mpofu, MABTS
- Dr. O. Dzvairo, PhD
- Dr. I. Gwizo, PhD

Adjunct Lecturers - Theology

- Dr. Sikhumbuzo Ndlovu
- Dr. Yamukelani Ngwenya
- Dr. Simanga Ngwenya
- Prof Zaccheaus Mathema
- Dr. Richard Sithole
- Dr. Lulama Tshuma
- Dr. Enock Chifamba
- Dr. Robert Muzira
- Dr. Thamsanqa Ndlovu
- Mishael Ndlovu
- Dr. Cliford Sibanda

Adjunct Lecturers - Theology

- Dr. Cliford Sibanda
- Thabo Mlotshwa
- Brian Moyo
- Aaron Rusukira
- Sikhumbuzo Dube
- Linos Ncube

- Lloyd Bepura
- Doyce Jeremiah
- Lingani Mthimkhulu

Mission Statement
The Department of Theology exists to develop pastors and missionaries through instruction, fellowship, and mentorship in a conducive confessional environment characterized by rigorous biblical and scholarly reflection on God and His word to serve the church and society with a view of preparing humanity for the imminent return of the Lord and Saviour Jesus Christ.

Career Opportunities
A graduate from this department may be employed as:
- Pastor/Minister of Religion
- Church Administrator
- Counselor
- Departmental Director
- Chaplain
- Missionary
- Lecturer/Professor
- Teacher/Educator
- Academic Writer
- Community Organizer
- Christian Writer/Journalist
- Editor
- Communication Specialist
- Social Worker
- Interfaith Dialogue Specialist
- Diplomat
- Content Creator
- Entrepreneur

Program Curricular in the Department

Bachelor of Arts Honours in Theology

Name of Program	Bachelor of Arts Honours in Theology
Duration	4 Years
Minimum Credit Load	480
Maximum Credit Load	540
Maximum MBKS Credits	408
ZNQF Level	8

Entry Requirements	**TICK**
Normal Entry: At least 2 Advanced Level passes. At least 5 "O" level passes including English Language or assessed equivalent.	✓
Special Entry: National Certificate (NC), National Diploma (ND) or Higher National Diploma (HND) in relevant field subject to Faculty assessment	✓
Mature Entry: Five "O" levels plus at least 25 years of age and 5 years of experience in the relevant field	✓
Other:	✓

Graduation Requirements

	Notional Credits
General Courses	220
Core Courses	312
Total	**532**

Intended Learning Outcomes

By the end of the program a graduate will be able to:

- To produce a well-formed graduate in theological and religious thought and practice backed by the provision of adequate content in all modules, covering biblical, historical, linguistic, professional and theological fields to enhance effectiveness in servant leadership within their chosen fields
- To provide a grounded theological and religious knowledge that is biblically, culturally and contextually, and relevant to the realities in Africa.
- To facilitate research and publication in theology and methodology
- To stimulate collaboration among existing conferences, unions and higher education institutions in theological activities that are intended to deepen the spiritual life of society.
- To foster a stimulating academic and professional environment that provides for development of critical but responsible appraisal and examination of different belief systems and world views.
- To initiate theological and religious endeavours that address the many challenges of the world such as Poverty, Corruption, HIV/AIDS, Youth formation, famine and environmental change, and a concertized community.

Program Assessment

Course work	40% (Quizzes, Assignments, Presentations, mid-semester examination, etc.)
Final Examinations	60%
Attachment	Student report 50%, Work Supervisor 30% and Academic Supervisor 20%

Degree Requirements

I. General Courses (20%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Behavior Development				
CONV 111-412	Convocations	20	0	0
ORIE 111	Orientation	20	0	0
AGWE 111 – 112	Work Education	40	0	0
Health and Physical Education				
HLED 125	Health Education	40	12	3
	Total	**160**	**12**	**3**
Languages and Communication				
HUMA 111	Communication Skills and Academic Writing	120	12	3
	Total	**120**	**12**	**3**
Computer and Mathematical Sciences				
INSY 118	Introduction to Technology	120	12	3
MATH 160	College Algebra	**120**	**12**	**3**
	Total	**240**	**24**	**6**

Natural Sciences				
BIOL 420	Science of Origins	120	12	3
	Total	120	12	3
Religion and Philosophy				
THEO 216	Philosophy of Christian Education	120	12	3
	Total	**240**	**24**	**6**
Departmental Courses				
THEO 134	Biblical Hermeneutics	80	8	2
THEO 432	Hebrew II	120	12	3
THEO 433	Hebrew III	80	8	2
THEO 451	Christian Theology I	120	12	3
THEO 452	Christian Theology II	120	12	3
THEO 122	Greek II	120	12	3
THEO 444	Church History IV	80	8	2
THEO 251	Apocalyptic Literature I	120	12	3
THEO 253	Apocalyptic Literature II	120	12	3
THEO 221	Greek III	120	12	3
THEO 222	Greek IV	120	12	3
THEO 237	Homiletics I	120	12	3
THEO 238	Homiletics II	120	12	3
THEO 423	Theological Ethics and Moral Philosophy	120	12	3
THEO 461	Introduction to Biblical Archaeology	80	8	2
WRLE 301	Christian Witnessing	80	8	2
WRAL 302	Sabbath School Experience	40	4	1
WRLE 303	Comparative Religions	80	8	2
WRLE 304	Youth Ministry	80	8	2
WRLE 305	Marriage and Family	80	8	2
WRLE 306	Ministry and Message of Ellen G. White	120	12	3
WRLE 307	Introduction to Pastoral Ministry and Liturgy	80	8	2
WRLE 308	Principles of Psychology	80	8	2
WRLE 309	Nutrition and Wellness	80	8	2
WRLE 310	Field School of Evangelism	80	8	2
WRLE 311	Stewardship	80	8	2
WRLE 312	Principles of Sociology	80	8	2
WRLE 313	Literature Ministry	80	8	2
WRLE 315	Special Needs Ministry	80	8	2
	Total	**2840**	**276**	**78**
	Grand Total	**3920**	**384**	**96**

II. Core Courses (80%)				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
THEO 161	Introduction to Judeo-Christian Scriptures	120	12	3
THEO 141	Church History I from 1st Century - to 16th Century	120	12	3
THEO 142	Church History II 16th to Present Era	120	12	3
THEO 171	Studies in the Gospels (Synoptic Gospels)	120	12	3
THEO 121	New Testament Greek	120	12	3
THEO 255	Church Administration & Book Keeping	120	12	3
THEO 262	Prophetic Literature	120	12	3
THEO 243	Church History III	120	12	3
THEO 236	Research Methods & Statistics	120	12	3
THEO 231	Introduction to Biblical Hebrew	120	12	3
THEO 172	Acts & Pauline Literature	120	12	3
THEO 239	Missiology	120	12	3
THEO 424	Chaplaincy & Pastoral Counseling	120	12	3
THEO 382	Work Related Learning-Attachment	1200	120	30
THEO 434	Community Development & Social Entrepreneurial Skills	120	12	3
THEO 437	Research Project	240	24	6
	Total	**3120**	**312**	**78**
	Grand Total	**7040**	**696**	**174**

Course Schedule

Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
Level I: Semester 1				
THEO 161	Introduction to the Judeo-Christian Scriptures	120	12	3
THEO 121	New Testament Greek	120	12	3
THEO 141	Church History I	120	12	3
THEO 171	Synoptic Gospels (studies in the Gospels)	120	12	3
INSY 118	Introduction to Technology	120	12	3
HUMA 111	Communication Skills & Academic Writing	120	12	3
CONV 111	Convocation	20	0	0
ORIE 111	Orientation	20	0	0
AGWE 111	Work Education	40	0	0
	Total	**800**	**72**	**18**

Level I: Semester 2				
THEO 142	Church History II	120	12	3
BIOL 420	Science of Origins	120	12	3
THEO 122	Greek II	120	12	3
THEO 134	Biblical Hermeneutics	120	12	3
MATH 160	College Algebra	120	12	3
THEO 172	Acts and Pauline Literature	120	12	3
CONV 122	Convocation	20	0	0
AGWE 122	Work Education	40	0	0
	Total	**780**	**72**	**18**

Level II: Semester 1				
THEO 251	Apocalyptic Literature I	120	12	3
THEO 255	Church Administration & Book Keeping	120	12	3
THEO 262	The Prophetic Literature	120	12	3
THEO 243	Church History III	120	12	3
THEO 237	Homiletics I	120	12	3
THEO 216	Philosophy of Christian Education	120	12	3
AGWE 211	Work Education	40	0	0
CONV 211	Convocation	20	0	0
	Total	**780**	**72**	**18**

Level II: Semester 2				
THEO 236	Research Methods and Statistics	120	12	3
THEO 238	Homiletics II	120	12	3
THEO 221	Greek III	120	12	3
THEO 231	Introduction to Biblical Hebrew	120	12	3
THEO 239	Missiology	120	12	3
THEO 253	Apocalyptic Literature II	120	12	3
CONV 222	Convocation	20	0	0
	Total	**740**	**72**	**18**

Level III Semester 1				
WRLE 301	Christian Witnessing	80	8	2
WRLE 302	Sabbath School Experience	40	4	1
WRLE 303	Comparative Religions	120	12	3
WRLE 304	Youth Ministry	80	8	2
WRLE 305	Marriage and Family	80	8	2
WRLE 306	Ministry and Message of Ellen G. White	120	12	3
WRLE 307	Introduction to Pastoral Ministry and Liturgy	80	8	2
WRLE 315	Special Needs Ministry	80	8	2

PSYC 332	Psychology	80	8	2
SOCI 304	Sociology	80	8	2
CONV 311	Convocation	20	0	0
	Total	**700**	**68**	**17**

Level III Semester 2				
WRLE 320	Work Related Learning (Ministerial Practicum)	120	12	3
WRLE 328	Principles of Psychology	80	8	2
WRLE 329	Nutrition and Wellness	80	8	2
WRLE 324	Field School of Evangelism	80	8	2
WRLE 321	Stewardship	80	8	2
WRLE 322	Principles of Sociology	80	8	2
WRLE 323	Literature Ministry	80	8	1
CONV 322	Convocation	20	0	0
	Total	**680**	**60**	**15**

Level IV: Semester 1				
THEO 411	Christian Theology I	120	12	3
THEO 412	Greek IV	120	12	3
THEO 414	Chaplaincy and Pastoral Counseling	120	12	3
THEO 412	Hebrew II	120	12	3
HLED 125	Health Education	120	12	3
THEO 415	Church History IV	80	8	2
THEO 413	Introduction to Biblical Archaeology	80	8	2
CONV 411	Convocation	20	0	0
	Total	**780**	**76**	**19**

Level IV: Semester 2				
THEO 424	Community Development and Social Entrepreneurship Skills	120	12	3
THEO 422	Christian Theology II	120	12	3
THEO 423	Theological Ethics and Moral Philosophy	120	12	3
THEO 423	Hebrew III	120	12	3
THEO 427	Research Project	240	24	6
CONV 422	Convocation	20	0	0
	Total	**740**	**72**	**18**
	Grand Total	**6000**	**564**	**141**

Module Synopses

THEO 461: Introduction to Biblical Archaeology **8 Credits**

This module is an introduction to biblical archaeology. The module presents scientific models of archaeology and utilizes these to provide a background to biblical narratives

WRLE 315: Special Needs Ministry **8 Credits**

This module introduces the student to ministering to people with Special Needs. The Module introduces the Student to Practical tools for ministering to people with Special Needs. This includes Sign Language, Braille, and various softwares. The module is designed to assist the student to develop a caring community that provides a place of belonging and respect for people with Special Needs.

THEO 141: Church History I (From 1st Century to the Protestant Reformation) **12 Credits**

The module is designed for students who are doing Church history for the first time. The module lays a foundation to the understanding of the origins, nature and development of Christianity from the 1st Century A.D. to the Protestant Reformation. It intends to help students to understand the origins, nature and development of Christianity, and also to develop students' skills on how to trace and analyze Christian historiography. The module pays attention to the doctrinal formation and controversies that plagued the early church. The module proceeds to look at the development of Christianity during Medieval Western Europe. The module focuses on the theological, political, and social history of the medieval church. The focus is on the political and social history of the Roman church: the origins of the church as a social movement. In the process of exploring the theological, political, and social history of the medieval church, the module traces the roots of the Papacy and the construction of a 'Papal Monarchy' (the first modern European government); the social role of different forms of religious life in 'feudal' Europe; the role of Church institutions in the intellectual blossoming of the 'scholastic' movement; and the problems of the political church at the end of the Middle Ages which led to the Protestant Reformation.

THEO 239: Missiology **12 Credits**

This module is designed to communicate to the students a basic understanding of the key missiological concepts. This module will sensitize the students so as to develop passion for participating in the mission of God, which is of healing the broken relationship between God and his creation. The module walks the student through the fundamental principles of church growth in the context of the African continent. It focuses on ways the church can maximize its growth potential. The module attends to the emerging realities in the African continent which include urbanization, globalization, and secularism as a way of preparing the student to minister relevantly in the emerging context. A project may be required.

THEO 423: Theological Ethics and Moral Philosophy **12 Credits**

This module is designed to introduce the student to the biblical-theological foundations of moral life while examining different philosophical conceptions of moral life. The module involves a study of the biblical and philosophical basis for Christian ethics and its relevance for personal, social, and business decision making. Major approaches such as situationism, relativism, consequentialism, and naturalism are examined, evaluated, and contrasted with revealed Christian ethics.

THEO 255: Church Administration and Bookkeeping **12 Credits**

The purpose of this module is to equip students with Church administration and leadership skills in order to articulate their duties efficiently. This module will cover the general information on administration, the personal management, record keeping and management of finances. The module includes a study of the minister, and the role of the minister as a leader of worship services, church administration, and soul-winning. Principles and strategies for effective spiritual leadership were also explored. In order to equip the students with cutting edge leadership and financial management skills, this class is co-taught. One co-teacher focuses on the biblical-theological and practical side of church administration. The other co-teacher focuses on the financial aspects of church management.

THEO 161: Introduction to Judeo-Christian Scriptures **12 Credits**

This module is an introduction to archaeology and different theories regarding the origins and history of the Judeo-Christian Scriptures. Furthermore, the module provides a survey of the basic interests, theology and critical issues regarding the Bible. The module is designed to enrich the students' understanding of the principal sections of Judeo-Christian Scriptures as well as an appreciation of their proper interpretation and use.

THEO 121: New Testament Greek (Greek I) **12 Credits**

This module is a study of the elements of Koine Greek. It covers the Greek alphabet and grammar, basic forms of tenses, cases, voices, moods, genders, and numbers, and their functions

THEO 122: Greek II **12 Credits**

This module is a continuation of the study of Greek Syntax as found in the New Testament. It places emphasis on vocabulary build up, conjugation, parsing, and translation.

THEO 221: Greek III **12 Credits**

This module is an intermediate study of the functions of Greek forms (i.e. the significance of what was covered in Greek I and II). The module places emphasis on grammatical, exegetical, and syntactic aspects from selected New Testament passages.

THEO 422: Greek IV **12 Credits**

This is an advanced study of Greek which introduces the student to textual analysis, the usage of the critical apparatus, phrasing, and the usage of ancient Greek manuscripts.

THEO 434: Community Development and Social Entrepreneurial Skills **12 Credits**

This module helps students to reflect theologically on local manifestations of human need and poverty. It creates opportunities for students to become actively involved in development work. Students will be enabled to determine how development work is influenced and shaped by Biblical principles. The module gives clarity on theological issues pertaining to development and to systematically develop the concept of service to society. The module focuses on both rural and urban communities.

THEO 231: Introduction to Biblical Hebrew **12 Credits**

This is a study of the fundamentals of Biblical Hebrew. This includes practice in vocabulary, an understanding of grammatical structure, and the practice in translation. The aim is to provide the student with practical study tools in Hebrew.

THEO 432: Biblical Hebrew II **12 Credits**

This module provides development of reading ability in narrative portions of the Hebrew Bible. The contents of this module include the history of the Hebrew language, analysis and description of the Hebrew language in terms of morphology, syntax, semantics, textual linguistics, and literary interpretation of the Hebrew texts.

THEO 433: Biblical Hebrew III **8 Credits**

This module places emphasis on practical and scholarly application of principles learnt in Hebrew II. For this reason, students are required to write to exegete selected portions of the Old Testament. At the end of this module, the students are required to submit an exegesis paper/s.

THEO 142: Church History II (16TH Century to Present Era) **12 Credits**

This module is designed to trace, analyze, and critique the general church history from the Protestant Reformation to the present in the backdrop of the broader political, social, economic, and spiritual context of the time. In the process of discussing Church history, the module also devotes attention to the doctrinal, missionary, and administrative development in the Christian Church.

THEO 243: Church History III (Christianity in Africa) **12 Credits**

This module traces the Christian presence and its impact in Africa since the first century. It is meant to familiarize students with the historical timeline of Christianity on the African continent. The module helps students to have a heightened appreciation of the central role of Africa in global Christian history and be able to think critically and synthetically about the prevailing narratives that present Africa as a "heathen" continent. The module also traces and analyzes the Western missionizing initiatives in Africa and their influence in the political, social, religious, and economic reordering of the continent.

THEO 444: Church History IV(Seventh-day Adventist Heritage) **8 Credits**

The module is intended to acquaint students with the history of the Seventh-day Adventist Church, from the Millerite Movement, in which it had its roots, to the present.

THEO 236: Research Methods and Statistics **3 Credits**

This module is designed to introduce the student to the principles underlying thorough research methods and statistics.

THEO 134: Biblical Hermeneutics **8 Credits**

This module also introduces the student to basic principles and methods of biblical interpretation that include poetic, prophetic, and apocalyptic literature. It also guides students in the presuppositions and practice of various criticisms.

WRLE 300: Work Related Learning/Ministerial Practicum **120 Credits**

The ministerial practicum provides a three-months opportunity for the students to apply theory under the supervision of a ministerial practitioner in a particular district. Students are expected to apply for placement three to eight months prior to the commencement of the practicum. This module is intended to enable students to prepare work related reports. In the same endeavor students will learn and acquire report writing skills. A detailed practicum report is required.

WRLE 310: Field School of Evangelism **8 Credits**

Offered off –campus in conjunction with an urban public evangelistic campaign. Observation and participation in a practical setting, along with lectures in contemporary evangelistic methods and procedures is included.

WRLE 313: Literature Ministry **8 Credits**

Students are expected to fulfill 60 hours of practical literature evangelism before the completion of their study program.

WRLE 308: Principles of Psychology **8 Credits**

This module explores the basic principles of psychology including the study of development, perception, learning, thinking, motivation, personality, and mental health. For a Christian perspective, E. G. White's work. "Mind, Character, and Personality" is recommended.

AGWE 111: Work Education **0 Credit**

This module is an integration of the intellect with physical work. The module is designed to instill the dignity of labour in the student. This is a practical module where the student is expected to work in any of the departments within SU.

AGWE 112: Work Education **0 Credit**

This module is a continuation of AGWE 111. In this module, the student is expected to identify a place within SU where he/she can effect a change through physical work. The student shall be evaluated for making a unique contribution to the institution through his/her work.

AGWE 211: Work Education **0 Credit**

This module is designed to instill a culture of self-sustenance in the student. The student must develop and implement an income generating project. The project must be within SU. This project must generate an income for the student as well as SU. The project shall be evaluated for its innovation and profitability.

WRLE 312: Principles of Sociology **8 Credits**

This module looks at the sociological organization and interactions, human ecology and social change. Historical development of sociology is also dealt with. A research paper or project may be required.

THEO 424: Chaplaincy & Pastoral Counseling **12 Credits**

This module explores biblical-theological foundations of chaplaincy. In order to equip the student with relevant tools and skills, this module introduces the students to psychological and sociological theories that examine the human condition. These tools are meant to assist the students to tackle multiple human challenges which include poverty, slavery, disease, war, and several other forms of misery. The module prepares the student to function in a multifaith and multi denominational context. This module further equips students with skills for professional Chaplaincy.

WRLE 305: Marriage and Family **8 Credits**

The module explores the Biblical perspective of marriage. Trends in family structure, cultural influences, intimacy, conflict management, parent-child relationships, and factors that create stable marriages and families will be discussed.

WRLE 307: Introduction to Pastoral Ministry and Liturgy **8 Credits**

This is an in-depth study of the pastoral ministry; emphasis is placed on the nature and models of the church, pastoral roles, special services, and community development ministry. A field education program allowing students to mingle with the community from a position of concern, friendship, and caring is required. The module also includes a survey of key issues in the theology and practice of corporate worship in the church, and the role of music in Christian worship.

WRLE 303: Comparative Religion (Inclusive of African Traditional Religions) **8 Credits**

This module is a survey of the phenomenology, belief systems, and practices of major non-Christian religions-especially those that are found in Central and Southern Africa. The selected religions are compared with one another and with Christianity. This module is designed to provide the student with an understanding of the history and main elements of religion which play a role in Southern Africa. Knowledge of religions in Africa promotes dialogue between the Christian faith and other faith traditions. This module will make the student aware of interpathy: sensitivity and respect for the roles of and relationship between the various religions. It will also make the student aware of the need for a credible encounter with other religions. An educational field trip and report may be required.

WRLE 304: Foundations of Youth Ministries **8 Credits**

Designed for students who wish to develop expertise in working with the youth of the church, or to work as a youth director, secondary school teacher, or in any other guidance capacity, a project may be required.

WRLE 309: Nutrition and Wellness **8 Credits**

This module introduces students to the principle of nutrition as they relate to health and wellness. The course focuses on laying nutritional foundations for a wholistic approach to health and wholeness, The content will include nutrients, digestion, dietary requirements, diet related diseases and deficiencies, life-span nutrition, alternative diets, eating trends and their outcomes, as encapsulated in the Seventh-day Adventist philosophy of health which includes the physical, intellectual, social, emotional, and spiritual dimensions. This course is not intended for Food and Nutrition majors.

WRLE 311: Stewardship **8 Credits**

This module is an exploration of selected biblical principles on stewardship and their application to the current African context. The module explores the concept of human stewardship to God in the context of time, treasure, body temple, talent, among other things.

THEO 437: Research Project **24 Credits**

The module engages each student in an in-depth independent study of a researchable theological issue of his/her own choice, under the guidance of the promoter and co-promoter. The length of the project ranges from 9,000 to 10,000 words.

THEO 451: Christian Theology I **12 Credits**

This is a study of systematic theology covering different topics which include the doctrine of God, Revelation, Creation, Salvation, Christology, anthropology, eschatology, etc. The module pays attention to different theological systems which include African Christian Theology, Evangelical Theology, Liberation Theology, Feminist Theology.

THEO 452: Christian Theology II **12 Credits**

This is a study in systematic theology covering distinctive Adventist doctrines which include The Sanctuary, Inspiration, The Remnant, The Sabbath, The Nature of Christ. The module also places emphasis on the relationship between Adventist theology and other theological systems which include African theology, Evangelical theology, Liberation theology, etc.

THEO 172: Acts and Pauline Literature **12 Credits**

This module includes the study of Acts and Pauline Literature. This module aims at enabling the student to have a sufficient grasp of who this apostle, Paul was - his Theology and Mission. It will focus on the contexts, circumstances, methods and doctrines of the Pauline Literature [letters of Paul as well as those associated with him]. The module is divided into two unequal parts. The first part deals with the person of Paul. The context of Paul is richly available in the Acts of the Apostle. His calling and mission is contextualized in his interactions with the other Apostles and their communities; thus, the module sufficiently traces the main phases of Paul's life by focusing on some pericopes in the Acts of the Apostles. The second part engages some Critical Survey of Pauline Literature focusing on the number of Pauline letters and their [genre] classification, groupings and categories. The module examines some selected Letters – highlighting their various [main] Theological Themes and Massage. It also includes exegetical studies of Romans and Galatians with special focus on their message of righteousness by faith.

THEO 262: Prophetic Literature I (Prophets of Israel) **12 Credits**

This is an introduction to prophetic literature. This module includes the history of prophecy, the pre-writing prophetic figures, and the books of writing prophets of the 8th and early 7th century BCE.A research paper may be required. The module is designed to provide a broad sketch of the Phenomenon of Prophecy in Ancient Israel and Ancient Near East, focusing mainly on the historical-Social environment of Prophetic calling and ministry. Some prophets and their prophetic books as well as their message are presented in relation to the historical circumstances in which they lived and spoke. It proposes to initiate students in the prophetic movement and the prophetic literature of Israel and to help them discover the permanent relevance of the Old Testament prophets. In the process of studying prophetic literature, the module devotes special attention to the book of Daniel. It provides the background, genre, and content of the book of Daniel.

THEO 237: Homiletics I **12 Credits**

The module focuses on the art and practice of sermon preparation and delivery. It focuses on the basis of sermon preparation and delivery and tools used in making Biblical sermons. The basics of pulpit management are included. Classroom and church preaching are required.

THEO 238: Homiletics II **12 Credits**

The module focuses on the art of Biblical preaching with emphasis on the preparation and delivery and tools used in making expository and narrative sermons. Classroom and church preaching are required

HLED 125: Health Education **12 Credits**

This module presents principles of personal and community health. It is designed to promote health as outlined by the Bible and the Spirit of Prophecy and backed by evidence-based interventions. It is designed to identify unhealthy behavior and provide action steps to correct them. The module also educates and motivates students to adopt a healthier lifestyle. The focus is prevention of disease by learning to take care of oneself, family, community and environment. The major objective of the aerobic health and fitness course has been to provide knowledge, attitudes, and strong motivation, and practice instruction in the strong hope that each individual will make exercise a regular life practice.

INSY 101: Computer Concepts and Application **12 Credits**

This module is an introduction to personal computing, including hardware, operation systems, office applications, (word processing, spreadsheets, and databases), and the internet.

HUMA 111: Communication Skills and Academic Writing **12 Credits**

This course covers the communication process, including models of communication. It emphasizes both oral and written communication, which includes speech preparation, interviews, and business communication. It also covers the introduction to the basic principles of academic research, and the research process. It also focuses on different levels of research, types of research methods, techniques of research writing, methods of finding information, basic in analysis, and presentation of data, bibliography styles, mechanics and format choices required for organizing scholarly research papers.

MATH 160: College Algebra **12 Credits**

This is a study on sets, inductive reasoning, real number systems, and operations in polynomials, special factors, and linear equations in one variable with applications, relations and functions, graphing functions, application of functions, system of linear equations with applications.

THEO 216: Philosophy of Christian Education **12 Credits**

A study of aims, principles, and theory of education with special reference to church related schools. The foundational concepts and principles of philosophical thoughts and schools as they relate to education are represented from historical, political, cultural, and religious viewpoints. The Seventh-day Adventist philosophy of education will be highlighted.

BIOL 420: Science of Origins **12 Credits**

Studies in the scientific explanation of origins in contrast with explanations derived from divine revelation. Selected critical approaches are examined and evaluated.

WRLE 301: Christian Witnessing **8 Credits**

This is a study of the dynamics of Christian witnessing in the community, work, and in casual one-to-one contact.

THEO 161: Introduction to the Judeo-Christian Scriptures **12 Credits**

This module is an introduction to the theories regarding the origins and history of the Judeo-Christian Scriptures. It also provides a survey of the basic interests, theology and critical issues regarding the Bible. Through the Bible its problems will enrich the students' understanding of the principle sections and appreciate how the Bible should be interpreted and used.

THEO 171: Studies in the Gospels (Inclusive of Synoptic Gospels) **12 Credits**

This module is the study of a person, message and mission of Jesus Christ as recorded in the four Gospels. Various critical approaches are examined and evaluated. The synoptic problem and generally held scholarly positions are surveyed, analyzed and evaluated.

WRLE 302: Sabbath School Experience **4 Credit**

This is a study of the Sabbath School Department in the Seventh-day Adventist Church. It is a participatory learning experience wherein the student attends and becomes actively involved in different divisions of the Sabbath school department. Considering that time may not suffice to cover all divisions, emphasis is put on the children's division of the Sabbath School Department.

THEO 251: Apocalyptic Literature 1 **12 Credits**

This is a study of apocalyptic literature. The module introduces the student to the genre of Jewish apocalyptic literature. Apocalyptic literature is singled out from other types of Jewish prophetic writings. This module focuses on the book of Daniel. An interpretive and theological study of the book of Daniel is presented.

THEO 253: Apocalyptic Literature II **12 Credits**

This is a continuation from Apocalyptic 1. The student revisits the genre of Jewish Apocalyptic literature especially in the Second Temple Era. The module focuses on the book of Revelation. An exegetical-theological study of the book of Revelation is done.

WRLE 306: Message and Ministry of E. G. White **12 Credits**

A study of the nature and purpose of the writings and works of Ellen White, along with principles that govern the interpretation of those writings

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Diploma in Chaplaincy

Requirements	Credits
Biblical Studies	3
Professional & Pastoral Studies	6
Theological, Religious & Philosophical Studies	6
Social Research	3
General Courses	6
Chaplaincy and Leadership Courses	48
Work Related Attachment/Practicum	3
Total	**75**

Entry Requirements	**TICK**
Normal Entry: A minimum of 5 'O' Level passes including English Language	✓
Special Entry: A Certificate in Theology OR any Certificate or qualification in a relevant field that is recognized by SU.	✓
Mature Entry: 25 years of age and older candidates with three (3) O' Level subjects including English Language and have gone through the accreditation of working experience having gained advanced standing in society. Such candidates shall be required to sit a Faculty of Theology and Chaplaincy entrance test which they should pass with 50% or better.	✓

Graduation Requirements

	Notional Credits
General Courses	108
Core Courses	192
Total	**300**

Intended Learning Outcomes

- Graduates will demonstrate the ability to provide compassionate and effective spiritual care and support to individuals from diverse backgrounds and contexts.
- Students will understand the principles and practices of chaplaincy, including assessment, intervention, and evaluation, and will be able to apply these in various settings.
- Graduates will develop leadership skills, learning to collaborate with multidisciplinary teams, build relationships, and navigate complex organizational dynamics.
- Students will be able to reflect theologically on their experiences and apply their knowledge to real-world situations, demonstrating an understanding of the intersection of faith and practice
- Graduates will demonstrate an appreciation for diverse cultures, beliefs, and values, and will be able to provide sensitive and inclusive care to individuals from various backgrounds.
- Through the program, students will develop greater self-awareness, emotional intelligence, and personal growth, enabling them to effectively navigate the challenges of chaplaincy and leadership roles
- Graduates will understand the ethical principles guiding chaplaincy practice and will be able to make informed, compassionate, and professional decisions in complex situations.

Program Assessment

Course work	40% (Quizzes, Assignments, Presentations, mid-semester examination, etc.)
Final Examinations	60%

Degree Requirements

I. Core Courses		Notional Hours	Notional Credits	Credits
A. Biblical Studies				
THEO 023	A Survey of the Bible	120	12	3
B. Professional & Pastoral Studies				
THEO 024	Principles of Hermeneutics	120	12	3
THEO 025	Principles of Preaching	120	12	3
C. Theological, Religious and Philosophical Courses				
THEO 059	Apocalyptic Studies	120	12	3
THEO 089	Themes in Systematic Theology	120	12	3
D. Social Research				
SORH 083	Social Science Research Methods and Project	120	12	3
E. General Education Courses				
GACC 032	Financial Accounting For Chaplains	120	12	3
COMT 034	Information Communication Technology	120	12	3
F. Field Experience				
CPSY 020	Work Related Attachment/ Practicum	120	12	3
	Total	1080	108	27

II. Core Chaplaincy Courses				
Course Code	**Course Name**	**Notional Hours**	**Notional Credits**	**Credits**
CPSY 028	Chaplaincy History, Institutional Orientation and Practice	120	12	3
CPSY 038	Sociological Perspectives in Chaplaincy	120	12	3
CPSY 030	International Peace, Conflict Resolution and Inter-Religious Dialogue and Collaboration	120	12	3
CPSY 061	Issues in Public Affairs and Religious Liberty	120	12	3
CPSY 055	Critical Incident Stress Management	120	12	3
CPSY 095	Principles of Grief Notification and Bereavement Counseling	120	12	3
CPSY 078	Issues in Community Health and Wholistic Living	120	12	3
CPSY 081	National Strategic Studies, Human Rights, and Ethics	120	12	3
CPSY 065	Supporting Officers After Traumatic Events	120	12	3
CPSY 066	Moral Injury Intervention	120	12	3

CPSY 063	Chaplaincy and Drug and Substance Abuse	120	12	3
CPSY 052	Laws of Inheritance and Public Relations	120	12	3
CPSY 049	Leadership Development, Innovation and People Management	120	12	3
CPSY 069	Disaster Preparedness and Management	120	12	3
CPSY 079	Principles of Security Management	120	12	3
CPSY 053	Etiquette, Protocol, and Deportment	120	12	3
	Total	**1920**	**192**	**48**
	Grand Total	**3000**	**300**	**75**

Course Schedule

Course Code	Course Name	Notional Hours	Notional Credits	Credits
Year 1: Level 1 (Block Session)				
THEO 024	Principles of Hermeneutics	120	12	3
THEO 025	Principles of Preaching	120	12	3
CPSY 028	Chaplaincy History, Institutional Orientation and Practice	120	12	3
CPSY 065	Supporting Officers After Traumatic Events	120	12	3
THEO 023	A Survey of the Bible	120	12	3
CPSY 095	Principles of Grief Notification & Bereavement Counseling	120	12	3
	Total	**720**	**72**	**18**

Year 1: Level 2 (Block Session)				
THEO 059	Apocalyptic Studies	120	12	3
COMT 034	Information Communication Technology	120	12	3
GACC 032	Financial Accounting For Chaplains	120	12	3
CPSY 038	Sociological Perspectives in Chaplaincy	120	12	3
CPSY 030	International Peace, Conflict Resolution and Inter-Religious Dialogue and Collaboration	120	12	3
CPSY 049	Leadership Development, Innovation and People Management	120	12	3
	Total	**720**	**72**	**18**

Year 2: Level 1 (Block Session)				
THEO 089	Themes in Systematic Theology	120	12	3

SORH 083	Social Science Research Methods and Project	120	12	3
CPSY 061	Issues in Public Affairs and Religious Liberty	120	12	3
CPSY 055	Critical Incident Stress Management	120	12	3
CPSY 078	Issues in Community Health and Wholistic Living	120	12	3
CPSY 066	Moral Injury Intervention	120	12	3
CPSY 020	Work Related Attachment/ Practicum	120	12	3
	Total	**720**	**72**	**18**

Year 2: Level 2 (Block Session)				
CPSY 081	National Strategic Studies, Human Rights, and Ethics	120	12	3
CPSY 063	Chaplaincy and Drug and Substance Abuse	120	12	3
CPSY 052	Laws of Inheritance and Public Relations	120	12	3
CPSY 069	Disaster Preparedness and Management	120	12	3
CPSY 079	Principles of Security Management	120	12	3
CPSY 053	Etiquette, Protocol, and Deportment	120	12	3
	Total	**720**	**72**	**18**

Module Synopses

THEO 023 Biblical Survey **12 Credits**
This course is designed to introduce students to the study of both the Old and New Testaments. The literature, scholarly debates, major themes and settings of the Bible will be highlighted and investigated.

THEO 024 Principles of Hermeneutics **12 Credits**
This course introduces the student to basic principles, methods and practice of biblical interpretation with special emphasis given to the historical-grammatical method of interpretation.

THEO 025 Principles of Preaching **12 Credits**
This course deals with the art and practice of sermon preparation and delivery. It focuses on the basics of sermon preparation and delivery and tools used in making Biblical sermons. The basics of pulpit management are included. Classroom and church preaching are required.

THEO 059 Apocalyptic Studies **12 Credits**
This course introduces students to apocalypticism. It also explores apocalyptic themes in the Books of Daniel and Revelation.

THEO 089 Themes in Systematic Theology **12 Credits**
This course introduces students to the study of Systematic Theology. Hence it is very central to our program in Chaplaincy since it serves as an introductory course to the study of Theology. The course lays a foundation to the understanding of the nature and meaning of Systematic Theology.

COMT 034 Information Communication Technology **12 Credits**
This is an introductory course to computers and keyboarding. It covers general computer basics such as definition, background, types, data representation, computer file usage, and software including the background, types, uses, and acquisition, and keyboarding.

SORH 083 Social Science Research Methods and Research Project **12 Credits**

An introduction to research methods in covering quantitative, qualitative, primary and secondary data and defining the basic types of research method including social surveys, experiments, interviews, participant observation, ethnography and longitudinal studies. Students are required to conduct research in their area of interest of not less than 45 pages in length. The research project must demonstrate the candidate's ability to apply basic principles of social science research.

GACC 032 Financial Accounting for Chaplains **3 Credits**

This is an elementary course offered solely to Chaplaincy students. The course is designed to provide an exposure to concepts and terminology essential to the easier understanding of the accounting cycle and basic financial statements.

THEO 020 Work Related Attachment/Practicum **12 Credits**

The course provides chaplaincy students with practical experiences. It exposes the students to the expectations in chaplaincy in meeting the practical social and spiritual needs of people in varied stressful situations such as hospitals, hospices, funeral homes and so on.

CPSY 028 Chaplaincy History, Institutional Orientation and Practice **12 Credits**

The course seeks to explain how chaplaincy began, the reasons for its emergence and its development. The course also seeks to introduce the student to chaplaincy its basic aims as well as its objectives. A consideration of the major dates, names as well as scholars is considered.

CPSY038 Sociological Perspectives in Chaplaincy **12 Credits**

The module seeks to explain chaplaincy in connection to the relations among individuals, society, family, and various institutions. The course seeks to ensure how good relations can come about and how the chaplain can bring about these aspects in one's duties.

CIRD 030 International Peace, Conflict Resolution and Interreligious Dialogue and Collaborations **12 Credits**

The module seeks to identify various factors of division in the world political, social, economic or religious. It also seeks to look at how religion in general and various other chaplaincy approaches can help to bring peace or resolution to these and various other issues.

CPSY 061 Issues in Public Affairs and Religious Liberty **12 Credits**

The course seeks to define freedom of worship as well as threats to that freedom. The course also seeks to explain the history of Religious Liberty, the reasons for its emergency as well as what the approach seeks to tackle. The module also looks at the roles of the Religious Liberty leader at church and International levels. The module also looks at how the concept of religious liberty can be abused.

CPSY 055 Critical Incident Stress Management **12 Credits**

The module is an introductory level course that instructs learners on how to recognize the effects of critical incident stress and provides techniques that can be applied to minimize the impact of an event.

CPSY 095 Principles of Pastoral and Bereavement Counseling and Grief Notification **12 Credits**

The module quips the chaplain with pastoral counseling skills and since death notification is one of the most serious tasks the chaplain is equipped with the various strategies to make death notification less painful and as dignified as possible for example it should always be done in person not over radio or telephone. Since also bereavement is one of the most difficult times the chaplain is equipped with the required counseling skills to ensure that the bereaved may undergo the pain without stress or suicidal tendencies.

CPSY 078 Issues in Community Health and Wholistic Living **12 Credits**

The module equips the chaplain and the organization with the ability of looking at health from a wide spectrum that is the physical, social and psychological. It involves promoting community based Physical education and healthy Active living programs.

CPSY 069 Disaster Preparedness and Management **12 Credits**

The module deals with the way an organization or individuals may prepare for disasters, how to prepare for them; how to mitigate their impact on vulnerable populations and how to effectively cope with their consequences.

CPSY 081 National Strategic Studies, Human Rights, and Ethics **12 Credits**

The major aim of the module is to ensure that the Chaplains are able to instill patriotism or the love of one's nations to those under their guidance. The chaplain is also acquainted with basic rights' applicable to every person for example the right to education, food, housing and protection from dangers. The Chaplain is also equipped to assist the various individuals whose rights may have been abused. In addition, this module looks at ethics or the code of conduct of an organization or individuals. The examples of ethics may include compassion, fairness, integrity, honor and responsibility. Ethics deal with the way the organization behaves as well as how it may react to either internal or external forces.

CPSY 049 Leadership, Innovation, and People Management **12 Credits**

The chaplain is a leader and should be able to show various leadership skills and qualities such as honesty, impartiality, integrity as well as various other principles. The chaplain should also be able to inspire and teach those leadership skills to those in his guidance either in school, police, army or hospitals and various other institutions. The module seeks to equip the Chaplain with the skills of managing the people, problem solving, decision making, delegation and communication. The module also seeks to equip one with business skills which include, team building, positivity, collaboration and flexibility among others. In addition this module also focuses on the management ideals that evaluate the best and developing leadership skills that are relevant across various organizations. It also includes the ability to face hard times and strategies to bring solutions in times of crisis.

CPSY 079 Principles of Security Management **12 Credits**

The module equips the Chaplain or the organization to be able to maintain a coherent set of policies as well as principles to manage risk to its information as well as its property. The module also insists on principles of confidentiality as well as integrity to ensure that the secrets of either the individuals or the organization are preserved. It also insists on the principles of accountability, auditing as well as documentation.

CPSY 065 Supporting Officers After Traumatic Events **12 Credits**

The module equips the Chaplain support officers or individuals after experiencing very stressful, frightening or distressing events that are difficult to cope with or out of control. Such events could be one incident, or an ongoing event that happens over a long period of time.

CPSY 066 Moral Injury Intervention **12 Credits**

The module equips the Chaplain to cope with the psychological, social and spiritual impact of events involving transgression of one's own deeply held moral beliefs and values occurring in high stakes situations.

CPSY 063 Chaplaincy and Drug and Substance Abuse **12 Credits**

The module equips the Chaplain to assist in providing counseling, case management, crisis management, and relapse prevention services to drug and substance abuse individuals.

CPSY 052 Laws of Inheritance and Public Relations **12 Credits**

The module equips the Chaplain to deal with the legal situation commencing with the death of a person. For example, in Zimbabwe, under Customary law, the surviving spouse receives the immovable property in which they were living in and one-third of the net estate. In instances where the deceased had more than one wife, one third of the net- estate is shared between the two wives with the two- thirds being shared equally amongst the children.

CPSY 053 Etiquette, Protocol, and Deportment **12 Credits**

The module equips the Chaplain to appreciate and practice protocol—a heightened form of etiquette, often used for correctly behaving and introducing dignitaries at official events. It is a series of official and accepted procedures designed to help manage relationships.

Intercession is the truly universal work for the Christian. No place is closed to intercessory prayer: no continent, no nation, no city, no organization, no office. No power on earth can keep intercession out.

Richard Halverson

Matthew 28:19–20

"Go therefore and make disciples of all nations
, baptizing them in the name of the Father and of the Son and of the Holy Spirit
, teaching them to observe all that I have commanded you.
And behold, I am with you always, to the end of the age."

—The Great Commission: Our call to educate, nurture, and send forth.

+263 (29) 887162
+263 712 842 161

recruitment@solusi.ac.zw

www.solusi.ac.zw