OUR VISION

By 2017, the University will be globally recognised as a regionally integrated, innovative, internationally competitive university, deeply rooted in all aspects of Caribbean development and committed to serving the diverse people of the region and beyond.

MISSION STATEMENT

of the Faculty Of Food & Agriculture (FFA)

The Mission Statement reflects the primary purpose of the University, that is, the reason for its existence. The enduring mission of the UWI is: To advance agricultural, geographical, food and nutritional and family sciences education and create knowledge through excellence in teaching, research, innovation, public service, intellectual leadership and outreach in order to support the inclusive (social, economic, political, cultural, environmental) development of the Caribbean region and beyond.
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MESSAGE FROM THE DEAN

On behalf of all members of staff of the Faculty of Food and Agriculture (FFA), it is a pleasure to welcome new and returning undergraduate students to the Faculty and the University of the West Indies (UWI), St. Augustine for the academic year 2014-15. In particular, You have made a wise choice and the Faculty would like to reassure you that your journey will be exciting, challenging and ultimately fulfilling. We at the FFA are extremely honoured that you have chosen to join the FFA, a faculty which evolved from the ICTA (Imperial College of Tropical Agriculture), and is founded on a long and illustrious pedigree dating back to the 1920s. Today, the FFA encompasses a number of disciplines with direct and indirect focus on food and nutritional security, human sustenance, welfare and well-being, sustainable and habitable environment, natural resource management, geography and the latest addition, entrepreneurship.

The FFA programme offerings are packaged in a flexible manner to allow you the freedom you deserve to pursue programmes of your choice in order for you to realize your dream careers. The curricula are regularly updated and revised to keep pace with the changing requirements for skill sets and competencies and ever evolving knowledge base in this era of rapidly advancing knowledge and technology. Global Food Security, Energy, Environment and Climate Change issues are some of the most pressing global agenda items of this era. The FFA offers programmes that focus primarily on all of these areas, and by choosing the FFA, you have affirmed your commitment to pursue a career in fields very vital to the future of humanity and the environment upon which it depends.

I urge each student to read this booklet and avoid the temptation of depending on second-hand information. Your academic progression and achievement is in your own hands and it is imperative that you give it the attention it deserves. Keep yourself well informed in order to be able to make informed decisions. This is why this Faculty booklet is an essential reading material. The booklet includes regulations, a list of programmes and description of programme structures, available options, courses and course syllabuses, and information on staff and support available to you. You are strongly advised to take full responsibility for your academic, scholastic and social life at the UWI. If further information is needed, please contact the relevant departments with respect to programmes and courses. Assistance may also be obtained from the Office for Undergraduate Students Matters of the FFA Dean’s Office and the Admissions office in the Lloyd Brathwaite Students Administrations Building. The most important point of contact for addressing undergraduate students’ matters in FFA is the Deputy Dean, Teaching and Learning who can be reached in the Faculty Dean’s Office.

Apart from Faculty up-dates, from time to time, students encounter University-wide updates. One significant development in UWI this academic year is the introduction of a new Grade Point Average (GPA) scheme which will affect both continuing and new students alike. All students are advised to study the new scheme and regulations governing it. As you study the scheme, you need to remember that your performance is not dependent on the GPA system.

I do hope that this academic year will be a productive and fun time for each and every one of you. You have chosen the UWI and its venerated West-Indian tradition and, in so doing, you have made a decision to become part of that tradition. We look forward to assisting you in your academic journey to ensure that your time at the UWI will be fulfilling and your experiences, memorable ones. The FFA is here to help you on this journey.

As I close I would like to wish you all a successful journey.

Isaac Bekele (PhD)
DEAN
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SECTION II - GENERAL INFORMATION

A. PROGRAMME OFFERINGS IN THE FACULTY OF FOOD AND AGRICULTURE
The Faculty of Food and Agriculture (FFA) offers the following Undergraduate programmes leading to the award of Certificates, Diplomas and BSc Degrees:

CERTIFICATES
- Certificate Programme in Agriculture (by distance teaching)

DIPLOMAS
- Agricultural Extension (not offered in 2014/2015)
- Undergraduate Diploma in Agriculture
- Institutional and Community Dietetics and Nutrition

BSc IN THE FOLLOWING SPECIAL OPTIONS:
- Agribusiness Management
- Geography
- General Agriculture/Agriculture
- Human Ecology
- Human Nutrition and Dietetics
- Environmental and Natural Resource Management
- Entrepreneurship

B. EVENING UNIVERSITY
1. Currently, the Faculty of Food and Agriculture (FFA) offers a limited number of programmes through the Evening University. These are Human Nutrition and Dietetics, Human Ecology and Agribusiness Management. See Department listings in this booklet for specific details for the programmes offered.

2. Students in the Evening University Programmes will normally be required to register for a maximum of 10 credits of courses per semester. There will be three semesters per year in the Evening University. Classes will normally be held during the hours of 5:00-10:00 p.m. on weekdays and also on Saturdays. For further general information about the Evening University Programmes, please consult with the office of the Evening University at: http://sta.uwi.edu/evening/introduction.asp

C. TRANSFER STUDENTS
4. (a) Students on transfer between different BSc degree programmes or from other programmes of study within the University may, on the basis of passes already obtained, and on the recommendation of the Departments concerned, be exempted with credits from the relevant course(s) passed.

(b) A student accepted for entry to a BSc Degree programme with qualifications from another recognized tertiary level institution must complete a minimum of four semesters of full-time study in order to be awarded a degree from UWI.

D. STUDY ABROAD/EXCHANGE PROGRAMMES
5. The exchange programme allows students to spend one or two semesters abroad at universities in order to broaden their experience, understanding and perception of agriculture, human ecology or geography in a different environment where a wider range of courses is available, including independent study projects.

6. UWI students, while at exchange Universities, continue to be full-time students of The University of the West Indies. As such, they are required to pay UWI tuition and pursue matching and/or approved courses for credit. Credits earned abroad are transferred to UWI and applied to regular Faculty degree requirements in accordance with Regulations 51-53.

(a) FFA students who wish to participate in an exchange programme at an approved institution other than the UWI and desire to have the credits obtained used toward a UWI degree, are required to fill out the appropriate forms and obtain written approval in advance from the Dean FFA prior to registering for such courses. Failure to do so may preclude the acceptance of the credits earned at the exchange institution.

(b) Students must normally have a minimum Cumulative GPA of 2.5 and have spent at least two semesters of full-time study at UWI to qualify for the Exchange Programme.

(c) Where the course to be taken is to be substituted for a UWI course, the content of the course must be certified in advance by the relevant Department as being equivalent to the UWI course. Course outlines and syllabuses must be provided by the student in order to facilitate the evaluation process.

(d) Only Grades earned at another institution and not the marks earned shall be used in the computation of the student's GPA.
Interested students are advised to consult with the 
Office of Institutional Advancement and 
Internationalization (International Office) for a current 
list of Universities with which UWI has entered into 
cooperative arrangements for study exchanges online 
at http://sta.uwi.edu/international/ or contact 

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SECTION III - FFA 
REGULATIONS 
SUB-SECTION I - 
INTRODUCTION 

A. PROGRAMME OFFERING IN THE 
   FACULTY OF FOOD AND AGRICULTURE 

1. The Faculty of Food and Agriculture (FFA) offers the 
   BSc and BSc (General) in a number of areas: 

BSc IN THE FOLLOWING SPECIAL OPTIONS: 
   i. Agribusiness Management 
   ii. Geography 
   iii. General Agriculture/Agriculture 
   iv. Human Ecology 
   v. Human Nutrition and Dietetics 

BSc (GENERAL) DEGREE with Major(s) and Minor(s) in 
various disciplines as shown in Table 1: 

2. The degree of Bachelor of Science is awarded on the 
basis of a programme of studies selected from courses 
offered in the FFA and, in some cases, together with a 
number of approved courses from other Faculties. 

3. FFA offers the following Bachelor’s degrees (the terms 
   Major, Minor, Option, etc., are defined in the Glossary): 

   (a) A BSc General Degree with a: 
      i. single major in a FFA discipline 
      ii. double major in two disciplines only, one of 
          which may be from a Faculty other than FFA. 
      iii. single major in the FFA discipline plus one or two 
          minors (from FFA or other Faculties). 

   (b) A BSc Special Option comprising a prescribed set 
of departmental, inter-departmental FFA or out-of-
Faculty courses. 

   (c) All students admitted to the Faculty of Food and 
Agriculture to read the following programmes are 
required to register for some courses in the Faculty 
of Social Sciences. Students should familiarize 
themselves with the list of cross-faculty prerequisites 
and equivalences listed in Appendix 2. 
   i. BSc General (Agribusiness Major) 
   ii. BSc Agribusiness Management 
   iii. BSc Human Ecology 
   iv. BSc Human Nutrition and Dietetics 
   v. Entrepreneurship
B. COURSES OFFERED AND THEIR WEIGHTING

4. The following courses which may consist of both theoretical and/or practical components are offered by the University:

(a) **FFA FACULTY COURSES:**
   These are courses offered by FFA (In-Faculty Courses). Preliminary courses (Level 0) may be used to satisfy matriculation requirements or prerequisites for Level I, II or III courses. However, preliminary courses do not contribute towards the credit requirements for the award of the BSc degree but contribute towards a student’s semester credit loading.

(b) **SERVICE COURSES:**
    These provide students with basic technical and analytical skills.

(c) **OUT-OF-FACULTY COURSES:**
    These are courses offered by other Faculties which may contribute towards the requirements for the award of a degree. Approval must be granted by the Dean before a student can pursue an out-of-Faculty course if such course is not part of the candidate’s degree programme.

(d) **FOUNDATION COURSES:**
   i. In order to qualify for the award of a BSc degree in the FFA, all students are required to complete a minimum of nine (9) credits of Foundation Courses. These courses are Level I courses and are designed to augment the general education of students.

   ii. All student admitted to FFA to read for undergraduate degree are normally required to take the following three Foundation Courses (3 credits each)

   - FOUN 1101 - Caribbean Civilisation
   - FOUN 1105 - Academic Writing for Different Disciplines (Option C)
   - FOUN 1301 - Law, Governance, Economy and Society

   iii. The Foundation Course, FOUN 1210 (Science, Medicine and Technology in Society) will NOT count for credit towards programmes in FFA.

---

**TABLE 1: FACULTY OF FOOD AND AGRICULTURE: MAJORS AND MINORS**

<table>
<thead>
<tr>
<th>DISCIPLINE</th>
<th>MAJORS</th>
<th>MINORS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture</td>
<td>Agricultural Science/Agricultural Technology Tropical Landscaping</td>
<td>-</td>
</tr>
<tr>
<td>Agribusiness</td>
<td>Agribusiness</td>
<td></td>
</tr>
<tr>
<td>Entrepreneurship</td>
<td>Entrepreneurship</td>
<td>Entrepreneurship*</td>
</tr>
<tr>
<td>Agricultural Extension</td>
<td>-</td>
<td>Communications and Extension</td>
</tr>
<tr>
<td>Environment and Natural Resources</td>
<td>Environmental &amp; Natural Resource Management</td>
<td>Environmental &amp; Natural Resource Management</td>
</tr>
<tr>
<td>Geography</td>
<td>Geography</td>
<td></td>
</tr>
<tr>
<td>Human Ecology</td>
<td>Family and Consumer Sciences</td>
<td>Sports Nutrition</td>
</tr>
<tr>
<td></td>
<td>Foods and Food Service</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Systems Management</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nutritional Sciences</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** For more detailed information on options/majors/minors, please refer to the relevant Departmental sections of this booklet.

*Not offered in combination with the new major in Entrepreneurship*
iv. Effective 2014/15, the Foundation courses will be treated like regular courses where grades will be used instead of the traditional pass/fail system. As a result the Foundation courses will contribute to the cumulative GPA of each student.

v. On entry into the Faculty, a student may be required to pass the English Language Proficiency Test (ELPT) before he/she can register for FOUN 1105. However, students with the following qualifications can register directly for FOUN 1105:

- Grade I in CSEC English Language or
- Grade 1 or 2 in CAPE Communication Studies (or Grade A or B in General Paper in the GCE A-Level Examination).

vi. Student admitted to the new BSc Agriculture are not required to do FOUN 1105 since they are required to do AGRI 1102: Critical Thinking, Information Literacy and Communication as its subject matter oriented equivalent.

5. Courses normally extend over one (1) semester, but in a few cases may extend over two (2) semesters.

6. The weight of a course is expressed in terms of credit hours, and the credit-weighting of a course is determined by the Faculty which administers the courses. In general, a course with one period of lecture per week for one semester has a weighting of one credit.

C. CO-CURRICULAR CREDITS

7. Courses involving independent supervised activities which would earn the student co-curricular credits may be pursued upon approval by the Campus Academic Board.

- Students are eligible to register for co-curricular credits after their first semester of studies.
- Each student is eligible for no more than three (3) credits towards his/her degree for involvement in co-curricular activities.
- The programme of co-curricular activities must have the approval of the Faculty and Academic Boards before it is taken by the student.

iv. A Deputy Dean with responsibility for Teaching, Learning and Student Development is the Faculty’s Coordinator for the co-curricular programme. Please consult with the Coordinator if you are interested in pursuing co-curricular activities.

v. Co-curricular credits will be awarded on the following basis:

- Students must be involved in the activity for at least one (1) semester.
- Explicit learning outcomes must be identified for each activity.
- There must be clearly defined mode(s) of assessment for each activity.

vi. The grading of co-curricular activities will be on a pass/fail basis and will not contribute to a student’s GPA.

vii. The three Level I credits earned for involvement in co-curricular activities may be included as part of the overall general credit requirement for the award of the BSc General Degree. However, such credits earned shall not be used in the computation of a student’s Weighted Grade Point Average for determining the Class of Honours.

viii. For further details on co-curricular offerings, please consult Deputy Dean (Teaching, Learning and Student Development).

D. EVENING UNIVERSITY

8. Currently, the Faculty of Food and Agriculture (FFA) offers a limited number of programmes through the Evening University. These are BSc Human Nutrition and Dietetics, BSc Human Ecology and BSc Agribusiness Management. See Department listings in this booklet for specific details on the programmes offered.

9. Students in the Evening University (EU) Programmes will normally be required to register for a maximum of 10 credits of courses per semester. There will be three semesters per year in the Evening University (EU). Classes will normally be held during the hours of 5:00-10:00 p.m. on weekdays and also on Saturdays. For further general information about the Evening University Programmes, please consult with the office of the Evening University or visit the website at: http://sta.uwi.edu/evening/introduction.asp
E. **DEAN’S HONOUR ROLL**

FFA recognises students who excel academically each semester by including their names in a special list known as Dean’s Honour Roll. The following guidelines are applicable:

10. **Eligibility for inclusion on the Dean’s Honour Roll**

(a) Any student receiving a semester GPA of 3.8 or above would be listed on the Dean’s honour roll in the following immediate semester.

(b) To remain on the Dean’s honour roll a student must maintain a GPA of 3.8 or higher every semester.

(c) Students carrying a full-time load will be eligible for consideration and credits gained for the following will **not** be taken into consideration in computing the Dean’s Honour Roll:
- Foundation courses
- Co-curricular offerings
- Internship programmes
- Audited courses
- Summer courses

(d) Repeat courses will be **included** in the computation of the GPA for the Dean’s Honour Roll.

(e) Special consideration will be given to students who are “differently abled” and who have obtained a semester GPA of 3.8 and above but who have registered for less than 15 Faculty credits.

Such students **MUST** declare and provide supporting documents as evidence of their disability at the start of the semester.

Decisions for inclusion of such “differently abled” students in the Dean’s Honour Roll will be taken at the Faculty’s Board of Examiners Meeting. Also such students must be registered with Academic Support/Disabilities Liaison Unit (ASDLU).
# SUB-SECTION II - GLOSSARY

<table>
<thead>
<tr>
<th>TERM</th>
<th>DEFINITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Co-requisite</td>
<td>A pair of courses which must be taken together in order to ensure the attainment of the complementary and/or independent competencies.</td>
</tr>
<tr>
<td>Course</td>
<td>A body of knowledge circumscribed by a syllabus to be imparted to students by sundry teaching methods and usually followed by an examination. A course may be either compulsory or elective.</td>
</tr>
<tr>
<td>Credit</td>
<td>A measure of the workload required of students. 1 Credit Hour is equivalent to 1 period of lecture per week OR 2 hours of laboratory session per week for a semester.</td>
</tr>
<tr>
<td>Cumulative GPA</td>
<td>Grade point average obtained by a student over the semesters for which grades are available.</td>
</tr>
<tr>
<td>Discipline</td>
<td>A body of knowledge distinguishable from other such bodies on the basis of criteria such as method of enquiry, axioms, area of application.</td>
</tr>
<tr>
<td>Elective</td>
<td>A course within a programme taken by choice of the student in accordance with rules governing the programme structure.</td>
</tr>
<tr>
<td>Faculty courses</td>
<td>All courses except Foundation and Co-curricular courses</td>
</tr>
<tr>
<td>In-faculty courses</td>
<td>All courses originating in the Faculty of Food and Agriculture</td>
</tr>
<tr>
<td>Level</td>
<td>A state in a programme for which courses are designed (at UWI it is denoted by the first digit in a course code). For example AGRI 2001 is a Level II course whereas AGRI 3001 is a Level III course.</td>
</tr>
<tr>
<td>Major</td>
<td>A subject area of undergraduate specialisation or focus normally comprising a total of specified number of credits (normally 30-33) including prescribed courses from Level II &amp; III from a single discipline or theme. (see Departmental course listings)</td>
</tr>
<tr>
<td>Marginal failure</td>
<td>45% to 49% in the overall examination.</td>
</tr>
<tr>
<td>Minor</td>
<td>An area of undergraduate ancillary focus based on a specified number of credits (normally 15 or 16) of prescribed courses from Levels II &amp; III either in a single discipline or theme.</td>
</tr>
<tr>
<td>Option</td>
<td>A prescribed combination of Levels I, II and III courses, within a single discipline or theme limited to the Faculty or across Faculties offerings, leading to a degree.</td>
</tr>
<tr>
<td>Out-of-faculty Courses</td>
<td>All faculty courses originating in faculties other than the Faculty of Food and Agriculture.</td>
</tr>
<tr>
<td>Part</td>
<td>Portion of a programme defined by the regulations governing the programme.</td>
</tr>
<tr>
<td>Plagiarism</td>
<td>The unauthorized and/or unacknowledged use of other person’s intellectual efforts and creations howsoever recorded, without proper and unequivocal attribution of such source(s), using the conventions for attributions or citing used in this University.</td>
</tr>
<tr>
<td>Pre-requisite</td>
<td>A course which must be passed before the course for which it is required may be pursued.</td>
</tr>
<tr>
<td>Programme</td>
<td>A selection of courses (designed to achieve pedagogical goals) the taking of which is governed by certain regulations and the satisfactory completion of which (determined by such regulation) makes a candidate eligible for the award of a degree/ diploma/ certificate.</td>
</tr>
</tbody>
</table>
Preliminary Course  A Level 0 course used to satisfy entry requirements but does not contribute towards the requirements for the award of the degree.

Remedial Course  A course that is offered in Summer School only for students who have failed this course during the semester.

Semester GPA  GPA is credit hour weighted average of quality points earned on courses taken in a semester. In the UWI system, courses graded on pass/fail basis are excluded from its calculation. (The terms Grade Point, GPA, Quality Hours, Honours GPA, Cumulative GPA and Quality Points are defined in the UWI Grade Point Average Regulations Booklet).

STUDENTS:

Part-Time Student  A part-time student will normally be expected to register for a maximum of 12 credits of courses per semester. Such students normally attend classes scheduled for full-time students.

Full-Time Student  A full-time student will normally be expected to register for a minimum of 13 credits of courses per semester.

Evening Student  A student registered in an Evening University Programme will be required to attend classes on weekdays between the hours of 5:00pm - 10:00pm and on Saturdays between the hours of 8:00am - 8:00pm.

Specially Admitted Student  A student admitted to pursue a limited number of courses which would not lead to any form of certification.

Study Abroad/ Student Exchange  An exchange programme which allows students to spend one or two semesters at universities abroad in order to broaden their experience, understanding and perception of agriculture, human ecology or geography in a different environment where a wider range of courses is available, including independent study projects.

Subject  An area of study traditionally assigned to the purview of a department.

Supplementary Oral  An oral examination, offered on recommendation of Departments and Faculty according to regulations, to students who have registered a MARGINAL FAILURE in an advanced course.
SUB-SECTION III - FACULTY REGULATIONS

All students of the University are subject to the University Regulations approved by the Senate of the UWI. Where there is conflict between the regulations of any Faculty and the University Regulations, the University Regulations shall apply.

F. QUALIFICATIONS FOR ADMISSION INTO THE FACULTY

11. In order to be admitted to the undergraduate degree programmes, candidates must satisfy the University requirements for Matriculation (see the University Regulations for Undergraduate Students) AND have passed the CSEC General Proficiency Level examination at Grades I, II or, since 1998, Grade III (or equivalent qualifications) in Mathematics, English Language and three additional subjects.

12. Candidates must also:
   (a) have obtained passes in a minimum of two two-Unit subjects at CAPE (or GCE A-Level or equivalent), or
   (b) have obtained an Associate Degree or equivalent certification (or equivalent qualification) in a relevant programme from a tertiary level institution recognised by UWI, or
   (c) have any other appropriate qualifications acceptable to the FFA.

13. In order to be admitted to the Diploma in Agricultural Extension candidates must:
   (a) be graduates of an approved university, or
   (b) have an approved technical or professional qualification from an approved institution and have relevant work experience, or
   (c) have other relevant qualifications which are deemed by the FFA to be adequate.

14. In order to be admitted to the Diploma in Institutional and Community Nutrition and Dietetics, candidates must have successfully completed:
   (a) A Bachelor’s Degree (no more than 5 years prior to application) with majors in Clinical (Human) Nutrition, Foodservice Systems Management, and Community Nutrition from an accredited Tertiary Level Institution.
   (b) Applicants who do not qualify for entry as specified at 14 (a) above may be required to pursue qualifying courses at the University, to a minimum of 18 credits.
   (c) Selection from suitably qualified applicants will be based on interviews.

15. IN ADDITION TO THE ABOVE GENERAL QUALIFICATIONS FOR ADMISSION, CANDIDATES MUST SATISFY THE SPECIFIC SUBJECT REQUIREMENTS FOR ENTRY INTO THE VARIOUS FFA PROGRAMMES THEY DESIRE TO PURSUE. These are listed in Table 2 below:

G. LIST OF EXEMPTIONS

16. Provided that requirements to Statute 47 are fulfilled, students admitted to the FFA, may be exempted with or without credits from Level I and/or Level II courses if they:
   • are holders of degrees from approved universities; or
   • have partially fulfilled the requirements of such degrees; or
   • are holders of Associate Degrees or Diplomas from approved tertiary level institutions; or
   • have transferred from different BSc degree programmes or from other programmes of study within the University.

Application for exemptions must be made upon entry through the Registry (Admissions).

17. Where exemptions without credit are granted, students will be required to pursue alternative courses of equivalent credits as approved by the Head of Department. The following is a list of exemptions and/or credits currently offered by the Faculty:

   (a) B.SC. AGRICULTURE, AGRICULTURAL TECHNOLOGY PROGRAMMES
      i. Holders of the ECIAF Diploma in Agriculture, or the CASE Associate Degree in Agriculture or the Sir Arthur Lewis Community College (SALCC) - Associate Degree Graduates in Agriculture admitted into the Faculty will be exempted with credit from:
         • AGRI 1100 and AGEX 1000 irrespective of their GPA where relevant.
TABLE 2: CAPE (GCE A-LEVEL OR EQUIVALENT) QUALIFICATION FOR ENTRY INTO VARIOUS FFA PROGRAMMES

<table>
<thead>
<tr>
<th>Programme</th>
<th>CAPE subject(s) (GCE A-Level or equivalent) Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSc General with majors in:</td>
<td></td>
</tr>
<tr>
<td>- Agribusiness</td>
<td>Two (2) subjects</td>
</tr>
<tr>
<td>- Agricultural Technology</td>
<td>Two (2) subjects including at least one (1) science subject</td>
</tr>
<tr>
<td>- Entrepreneurship</td>
<td>Two (2) subjects</td>
</tr>
<tr>
<td>- Environmental &amp; Natural Resource Management</td>
<td>Two (2) Science subjects - and CSEC Biology or equivalent</td>
</tr>
<tr>
<td>- Family and Consumer Sciences</td>
<td>Two (2) subjects</td>
</tr>
<tr>
<td>- Foods and Foodservice Systems Management</td>
<td>Two (2) subjects</td>
</tr>
<tr>
<td>- Geography</td>
<td>Two (2) subjects including Geography or Environmental Science normally with a minimum standard of grade IV or above in both units</td>
</tr>
<tr>
<td>- Nutritional Sciences</td>
<td>Two (2) subjects</td>
</tr>
<tr>
<td>- Tropical Landscaping</td>
<td>Two (2) subjects including one (1) Science subject</td>
</tr>
<tr>
<td>BSc Agriculture</td>
<td>Two (2) subjects including one (1) Science subject</td>
</tr>
<tr>
<td>BSc Agribusiness Management</td>
<td>Two (2) subjects</td>
</tr>
<tr>
<td>BSc Human Ecology</td>
<td>Two (2) subjects</td>
</tr>
<tr>
<td>BSc Human Nutrition and Dietetics</td>
<td>Two (2) subjects including at least one (1) Science subject</td>
</tr>
</tbody>
</table>

For a list of approved science CAPE/GCE A-Level subjects, see Appendix I.

**ii.** In addition, all ECIAF/CASE graduates admitted into the Faculty with a GPA equal to or greater than 2.75 will be granted exemption with credit from the following courses:
In such cases students will be allowed to register for level II/III courses in their first year of admission.

**iii.** In addition, all SALCC graduates admitted into the Faculty with a GPA equal to or greater than 2.75 will be granted exemption with credit from the following courses:
- AGLS 1001, AGBU 1006, AGSL 1001, AGRI 1016, AGRI 1010

**iv.** Students with CAPE (GCE A-Level) Mathematics or equivalent will be exempted with credit from:
- AGRI1003.

(b) HUMAN ECOLOGY AND HUMAN NUTRITION AND DIETETICS PROGRAMMES

**i.** Holders of the Diploma in Food and Nutrition from the John Donaldson Technical Institute or Sir Arthur Lewis Community College (SALCC) shall be exempted with credit from the following courses:
- HUEC 1004 and HUEC 1003

**ii.** Associate degree holders from TTHTI with GPA of 2.75 or better will be exempted with credit from the following courses:
- HUEC 1004, COMP 1011 and ACCT 1002

Please consult with the Department of Food Production for advice before registering.
iii. Students with CAPE (GCE A-Level) Chemistry or equivalent will be **exempted with credit** from
   - CHEM 1062.

iv. Students with CAPE (GCE A-Level) Mathematics or equivalent will be **exempted with credit** from
   - AGRI 1003.

v. Holders of the COSTAATT Associate Degree in Nutrition and Food Science or Sir Arthur Lewis Community College (SALCC) - Associate degree in Food and Nutrition with a GPA of 2.75 or better shall be **exempted with credit** from the following courses:
   - HUEC 1003, HUEC 1004 and HUEC 1001

### H. REGISTRATION

18. (a) A student pursuing a degree in the Faculty may register as a full-time student or as a part-time student or as an Evening University student. A student may apply to change his/her status during the tenure of the degree.

   (b) A student who is in full-time employment may only pursue a degree as a part-time student or as an Evening University student.

   (c) Full-time students may take up employment for not more than 12-hours per week without losing their full-time status. A student who is employed for more than 12-hours per week shall be registered as a part-time or an Evening University student.

   (d) A full-time student is normally expected to register for a **minimum of 13 credits** of Faculty courses per semester.

   (e) A part-time student is normally expected to register for a **maximum of 12 credits** of courses per semester offered under the day programme. Part-time students will **not** be allowed to attend Evening University programmes.

   (f) An Evening University student is normally expected to register for a **maximum of 10 credits** of courses per semester.

19. Students must register for courses that they wish to pursue by the dates prescribed by the Campus Registrar.

20. Changes to the registration (add and drop courses) will only be permitted within the prescribed periods in Semesters I and II. (Please refer to the Campus website and notice boards for actual dates).

21. (a) Registration for any course constitutes registration for the associated examination. A student will therefore be deemed to have failed the course if he/she does not attend the examination without having previously been allowed to withdraw from the course or without having tendered evidence of illness at the time of the examination certified by a medical practitioner recognised by the University. In the latter case, the **MEDICAL REPORT MUST REACH THE HEALTH SERVICE UNIT (HSU) no later than SEVEN (7) DAYS after the date of the examination concerned.**

   (b) Medical Certificate/Report forms are available online at [http://sta.uwi.edu/onlineForms.asp](http://sta.uwi.edu/onlineForms.asp)

   (c) In cases where the medical submitted is for a missed coursework examination, and is approved by the Campus HSU, the candidate shall be granted a make-up examination at a date prescribed by the relevant department.

   (d) In cases where the medical submitted for a missed final examination is approved by the Campus HSU, the designation of AM (Absent Medical) will apply only if the student has passed the coursework in that particular course. The designation AM carries no penalty.

22. (a) A student who has passed a course will not be permitted to re-register for that course.

### I. GENERAL REQUIREMENTS FOR THE AWARD OF THE DEGREE

23. In order to be eligible for the award of the BSc degree in FFA, candidates must have:

   i. been in satisfactory attendance for a period equivalent to at least six (6) semesters of full-time study from entry at Level I

   ii. obtained passes in Levels I, II and III and Foundation Courses amounting to the number of credits shown in **Table 3**: 

   iii. attained a minimum cumulative Grade Point Average (CGPA) of 2.00 effective 2014/15
iv. a minimum of two years of full-time study and 60 credits provided that they possess qualifications from another recognised tertiary level institution. PLEASE NOTE CAREFULLY THAT THE CREDIT REQUIREMENT FOR THE AWARD OF THE BSC DEGREE VARIES DEPENDING UPON THE PROGRAMME YOU ARE PURSUING (TABLE 3).

24. Students will not be granted credits for the same course offered under different majors/minors. In such cases students will be required to pursue alternate courses which must be approved by the Dean.

25. Exemptions from specific parts of the degree programme may be obtained under the provision of sub-Section III, G (List of exemptions).

J. PROGRESS THROUGH THE PROGRAMME

26. (a) Full-time students admitted to Year 1, are expected to register for Level I Faculty courses equivalent to a maximum of twenty-one (21) credits, per semester.

(b) Part-time students are expected to register for courses equivalent to a minimum of 6 credits per semester.

(c) Evening University students are expected to register for courses equivalent to a minimum of 6 credits per semester.

(d) In order to satisfy the minimum requirement for entry to the advanced part of the programme (Level II and III), a student must normally record passes in Level I courses equivalent to a minimum of twenty-four (24) credits of Faculty courses.

(e) A student who has obtained passes in Level I Faculty courses equivalent to eighteen (18) credits in the first two (2) semesters of full-time study may, on the approval of the Dean, be allowed to register for a limited number of Level II courses in addition to those courses required to complete Level I requirements.

27. The maximum number of credits (including those from foundation courses) for which a student may normally register in any semester is as follows:

(a) In the case of students who have NOT satisfied the requirements for completion of the Level I requirements
   i. twenty-one (21) credits subject to a maximum of eighteen (18) credits from Faculty courses, if the student is registered full-time;
   ii. twelve (12) credits if the student is registered part-time;
   iii. ten (10) credits if the student is registered as an Evening University student.

(f) Students who are registered for the BSc (General), Major in Geography, are eligible for transfer to the BSc Geography programme at the end of level 1, provided that they have achieved an average cumulative GPA of at least 2.8 in their first year geography courses.
Students are required to complete all LEVEL 1 course requirements within four semesters of entry into the programme of study.

Full-time students who require not more than twenty-four (24) credits in order to graduate, have satisfied all Foundation course requirements, and are exempted from laboratory coursework in at least one course, may be allowed to register for twenty-four (24) credits of Faculty courses with written permission from the Dean.

K. DECLARATION OF MAJORS AND MINORS

28. (a) Students are required to register for a major/option upon entry into the Faculty. However, students may request a change in major/option as they progress along their degree. Students desirous of pursuing majors in a Faculty other than FFA must apply for and obtain official approval from that Faculty before they can be admitted into such majors.

(b) Students are required to make a final declaration of their proposed major(s)/minor(s)/options by the end of the registration period of the semester in which they are likely to graduate.

(c) Students who have met the requirements for the degree for which they have registered may not register for further courses in pursuit of that degree.

L. STUDY ABROAD/EXCHANGE PROGRAMMES

29. UWI students, while at exchange Universities, will continue to be full-time students of The University of the West Indies. Such students will pay UWI tuition and pursue matching and/or approved courses for credit. Credits earned abroad will be transferred to UWI and applied to regular Faculty degree requirements in accordance with Faculty Regulations 51-53.

30. (a) FFA students who wish to participate in an exchange programme at an approved institution and desire to have the credits obtained used toward a UWI degree, are required to obtain written approval in advance from the Dean prior to registering for such courses. Failure to do so may preclude the acceptance of the credits earned at the exchange institution.

(b) Students must normally have a minimum Cumulative GPA of 2.5 and have spent at least two semesters of full-time study at UWI to qualify for the Exchange Programme.

(c) To ensure the transfer of credits, the content of the courses to enrol in the host institution must be vetted and approved in advance by the relevant Department(s) in FFA as being equivalent to the UWI courses and signed off by the Dean. Course outlines and syllabuses must be provided by the student in order to facilitate the evaluation process.

(d) ONLY GRADES EARNED AT HOST INSTITUTION AND NOT THE MARKS EARNED SHALL BE TRANSFERRED TO STUDENT’S UWI ACADEMIC RECORDS.

Interested students are advised to visit the website of the Office of Institutional Advancement and Internationalization (International Office) for a current list of Universities with which UWI has entered into cooperative arrangements for study exchanges at http://sta.uwi.edu/international/ or contact The Director Office of Institutional Advancement and Internationalization (International Office) The University of the West Indies St. Augustine Campus Trinidad and Tobago, W.I. Tel: 663-3348 Exts. 84184, 84151 Fax: (868) 662-6930 Skype: uwi-sta-io Email: internationaloffice@sta.uwi.edu

M. EXAMINATIONS

31. In order to pass a course, a candidate must have satisfied the examiners in the associated examinations. Students who fail to attend at least 75% of classes associated with a course may be debarred from writing the final examinations associated with that course.

32. The examination associated with each course shall be conducted mainly by means of a written paper and/or practical exercise, normally taken at the end of the semester in which the candidate has registered for the course concerned. However, oral examination as well as performance in coursework in the form of essays, in-course tests, research papers, projects, or continuous assessment of theoretical and/or practical work may contribute towards the final grade awarded in a course. (Consult individual course outlines and the departments for the specific modes of assessment.)

33. When practical papers and/or practical coursework contribute towards an examination, candidates must
satisfy the examiners in both the theoretical and practical aspects of the course. On the basis of performance in the practical part of the course, candidates may, on the recommendation of the Department concerned, be exempted from the practical part of the final examination.

34. (a) A student may be granted permission by the Board of Examiners to sit supplementary oral examinations in failed Level II/III courses accounting for **not more than nine (9) credits** provided that the candidate has completed all LEVEL I requirements and passed a minimum of 30 LEVEL II / III credits.

(b) Candidates passing such oral examinations will be awarded the minimum passing mark of 50% (Grade C, Quality Point 2.0) and will not have any right of appeal or review of the outcome.

(c) Candidates offered an oral examination may choose to decline the offer.

35. A candidate who fails the examination associated with a course may be given permission to repeat the course and the examination on a subsequent occasion.

36. In the event that such a candidate has satisfied the examiners in the practical coursework component of the failed course, the candidate may, on the recommendation of the relevant Department, be exempted from the laboratory coursework with the transfer of course work mark.

37. Remedial courses in FFA offered as part of the Summer School Programme are considered repeat courses.

38. The Academic Board on the recommendation of the Faculty Board concerned may debar a candidate from writing the examination associated with a course, based on attendance of less than 75% at lectures/laboratory classes/tutorials. The designation recorded for such a candidate in that course will be DB (debarred).

N. **PLAGIARISM DECLARATION**

39. A declaration must be made in accordance with the University Regulations on Plagiarism (First Degrees, Diplomas and Certificates) and shall be attached to all work submitted by a student to be assessed as part of, or the entire requirement of the course, other than work submitted in an invigilated examination. By signing this declaration, a student declares that the work submitted is original and that it does not contain any plagiarised material. (Appendix 3)

O. **TIME LIMITS FOR COMPLETION AND ENFORCED WITHDRAWALS**

40. (a) A semester grade point average (GPA), based on grades earned on all approved courses for which the student is registered in a semester, will be used as the basis for the determination of his/her academic standing.

(b) A student whose GPA in any semester is less than 2.00 will be placed on warning for the following semester.

(c) A student who is on two consecutive warnings will normally be required to withdraw from the Faculty.

(d) A Dean’s hold will be placed on academic record of a student on warning. Such a student will have to seek academic advising through the Office of the Dean before the Dean’s hold can be removed. This must be done within the prescribed registration period at the start of the relevant Semester. **Where desirable, a reduced academic load may be recommended and academic action suspended.**

41. For the purposes of Regulation 42 below, any semester in which a student is registered part-time, will be counted as half of a semester of full-time study.

42. (a) Full-time students will normally be required to complete the requirements for the degree in a minimum of six (6) or a maximum of ten (10) semesters of full-time study.

(b) Students who do not complete the programme within the maximum period stated In Regulation 42 (a) above will normally be required to withdraw from the Faculty at the end of the academic year in which the maximum time limit is reached.

43. In the event that a student has exhausted the maximum period stated in 42(a) above, but still requires more time for the completion of the degree programme:

(a) passes in courses totalling no more than eight (8) credits, and/or:

(b) passes in Foundation courses only; **approval would be sought from the Board for Undergraduate Studies for an extension of the period of study by one (1) or two (2) consecutive semesters.**

44. For the purposes of Regulation 42(a) above, any semester for which a student has obtained leave of absence from the Faculty shall not be counted.
45. **A STUDENT REQUIRED TO WITHDRAW FROM ANOTHER FACULTY MAY REGISTER IMMEDIATELY IN THE FFA**, if, having carefully assessed the circumstances surrounding the withdrawal, it is felt that this is in the best interest of the student’s educational goals and that the student satisfies the Faculty’s entry requirements.

46. A student who was required to withdraw for reasons of failure to progress may be re-admitted to the Faculty on the following conditions:
   (a) A minimum of **TWO** consecutive semesters has elapsed since the date of withdrawal.
   (b) The Faculty is satisfied that the contributing circumstances for the withdrawal have altered substantially.
   (c) All grades previously obtained, (except those for courses that have been deemed out-dated), shall be used in determination of the student’s cumulative GPA.
   (d) Courses pursued in the UWI Summer School during the period of withdrawal shall be included in all relevant grade point average calculations if the student re-enters the Faculty.

47. (a) A student who was required to withdraw from the Faculty must **reapply for re-entry** by the date prescribed by the Campus Registrar. **THIS MUST BE DONE PRIOR TO THE DEADLINE FOR APPLICATION AS FOLLOWS;**
   (b) A student who is required to withdraw at the end of Semester I of an academic year must reapply by **15th December of the following academic year** for readmission in Semester II of that academic year.
   (c) A student who is required to withdraw at the end of Semester II or summer session of an academic year may reapply **by 30th January of the following academic year** for readmission in Semester I of the next academic year.
   (d) A student will not be admitted before a year has elapsed.
   (e) A student who was re-admitted and then required to withdraw for a second time, will not normally be considered for re-admission again until a minimum period of five years has elapsed.

48. (a) A student who wishes to be absent from the Faculty for a semester or more must apply **ONLINE** for Leave of Absence.
   (b) Leave of Absence will not be granted for more than two (2) consecutive semesters in the first instance. However, students may apply for an extension of leave.
   (c) Leave of Absence will not be granted for more than two (2) consecutive years.
   (d) Applications for Leave of Absence should normally be submitted no later than the end of the prescribed change in registration period in the relevant semester.

49. A student who does not register for any course during a semester without having obtained Leave of Absence will be deemed to have voluntarily withdrawn from the Faculty and will have to re-apply for entry into the Faculty if she/he so desires.

50. A student who voluntarily withdraws from the University and then applies for re-admission within five (5) years shall be granted exemption and credit for all courses previously passed unless the Department concerned declares that the material covered in a course has become out-dated. All grades previously obtained except those for courses declared out-dated shall be used in the determination of the GPA of such a student.

51. (a) All students in the Faculty, irrespective of their date of entry into the Faculty, are subjected to the **NEW GPA regulations.**
   (b) A cumulative grade point average based on all courses completed and for which quality points have been assigned (excluding preliminary courses, those taken on a pass/fail basis, audited courses and courses designated I or IP), will be calculated and recorded on the student’s transcript.
   (c) Honour’s Grade Point Average based on grades obtained on relevant **Levels II and III courses** including all courses in the declared major(s)/minor(s)/option whether passed or failed, will be used for determination of the class of the degree. (See Regulations 52 and 53 for the relationship between marks, Grade Point Average and Class of Honours.)
(d) First Class Honours, Second Class Honours (Upper and Lower Division), or a Pass degree will be awarded on the basis of the Weighted Grade Point Average (GPA) of all Level II/III courses taken (passed and failed).

R. NEW GRADING SCHEME FOR ALL STUDENTS

Effective 2014/15 academic year, all undergraduate students in the UWI system will be graded under a new scheme. The details of this scheme is given below in item 52 and grade description is provided for your attention in Appendix 6. Please note that in order to record a pass on any subject students must attain a minimum mark of 50% which translates to a quality point of 2.0 or a grade of C.

52. The Grading Scheme used in the Faculty of Food & Agriculture is as follows:

<table>
<thead>
<tr>
<th>MARK</th>
<th>GRADE</th>
<th>QUALITY POINTS</th>
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<tbody>
<tr>
<td>90-100</td>
<td>A+</td>
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<td>80-89</td>
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<td>75-79</td>
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<tr>
<td>0-39</td>
<td>F3</td>
<td>0.0</td>
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</tbody>
</table>

A minimum pass grade is a C with a quality point of 2.0.

S. CLASS OF HONOURS

53. A student’s class of degree will be based on Honour’s GPA, which is the Weighted Grade Point Average of all advanced courses (GPA) as follows:

<table>
<thead>
<tr>
<th>HONOURS</th>
<th>GPA</th>
</tr>
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<tbody>
<tr>
<td>First</td>
<td>3.60 – 4.3</td>
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<tr>
<td>Upper Second</td>
<td>3.0 – 3.59</td>
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<tr>
<td>Lower Second</td>
<td>2.5 – 2.99</td>
</tr>
<tr>
<td>Pass</td>
<td>2.0 – 2.49</td>
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</tbody>
</table>

T. AEGROTAT DEGREE

54. (a) A candidate who, by virtue of illness, was prevented from attending examinations or part of the examinations associated with one or more Level II/III courses in the year of anticipated graduation may apply to the Board for Undergraduate Studies through the University Registrar for an Aegrotat pass in the course. Such an application will only be granted if all the following conditions are satisfied:

i. The appropriate Head of Department reports that, on the basis of the candidate’s performance during the period preceding the examinations, the candidate was expected to pass the examinations concerned and has satisfactorily completed any associated coursework.

ii. The application reaches the University Registrar not later than thirty (30) days after the date of the last paper in the examination concerned.

iii. The application is accompanied by a medical certificate attesting to the illness and issued by a medical practitioner recognised for this purpose by the University.

(b) No grade will be awarded in respect of an Aegrotat pass, and a candidate, having been awarded an Aegrotat pass, will not be allowed to re-enter the examination for the course concerned on a subsequent occasion. An Aegrotat pass may not be used to satisfy a prerequisite for other Level II/III courses.

(c) A candidate, having satisfactorily completed the degree programme, who includes Aegrotat passes in courses counted for the degree programme, will be eligible for the award of an Aegrotat degree, provided that both of the following conditions are satisfied:

i. the courses in which the Aegrotat passes have been granted (and which need to be counted towards the award of the degree) are equivalent to no more than twenty-four (24) credits.

ii. no more than sixteen (16) credits mentioned in c (i) above arise from courses making up the candidate’s major.

(d) The Aegrotat degree will be awarded without Honours.
SECTION IV - REGULATIONS GOVERNING THE FFA SUMMER PROGRAMMES

The FFA generally offers remedial courses for students who are repeating laboratory-based and/or non-laboratory-based courses during the summer. The FFA may also offer a limited number of full courses that are non-laboratory-based in the summer for the first time. The maximum number of credits for which a student may register in summer is normally nine (9). In case of students repeating 6 credits courses at level I, the maximum number of credits is 12 (two courses).

1. ELIGIBILITY FOR ADMISSION TO THE SUMMER SCHOOL PROGRAMMES

The following categories of students are eligible for admission to the Summer School Programmes:

a. Registered students of the University who have to repeat any of the course(s) offered.

b. Registered students of the University who have not taken the course(s) previously but fall into one of the following categories:
   - Students of the University who have not yet completed the requirements for the degree, diploma or certificate programme for which they are registered.
   - Registered UWI students from other UWI campuses.

c. Students of the University who have been granted (a) leave of absence for Semester 1 and/or 2 preceding the Summer School Programmes, or (b) permission to write “Examinations Only”.

d. Other persons, not students of the University, who are eligible to matriculate at EITHER the Normal OR Lower Level or as a mature student.

2. APPLICATIONS

Please check the campus website for this information.

3. ATTENDANCE

Minimum attendance of 75% of lectures/tutorials is required.

4. COURSE SELECTION AND REGISTRATION

Persons desirous of pursuing courses in the Faculty’s summer programme are required to check the website at http://www.sta.uwi.edu or consult the Faculty notice boards and timetables for a list of courses being offered in the Summer School programmes before registering.

5. LATE REGISTRATION

a. Students may be permitted to register up to the end of the 2nd week of the start of the Summer School session on payment of an additional late registration fee of TT$150.

b. In cases where examination results for Semester II are declared after May 31, students may be permitted to register up to the end of the 2nd week from May 31.

c. Summer School students may apply for a change of registration by no later than the end of the 2nd week of the start of the Summer School session.

6. EXAMINATIONS & COURSE LOADS

a. Examinations for courses taught in the Summer School shall be conducted in accordance with the University Examination Regulations.

b. Summer School students shall write the University Examinations appropriate to the course(s) for which they are registered.

c. Students shall not normally be permitted to register for more than THREE one-semester courses (usually 9 credits) in any given Summer School session. Students are advised to check the timetable before registering.

d. Finalising students may apply, through the Faculty Dean to the Assistant Registrar Student Affairs (Admissions), to do a fourth course.

e. A student is deemed as finalising if that student has only 3 or 4 courses left to complete the degree/certificate/diploma requirement.

f. Students who are not in their final year of study may apply for permission to do a fourth course which he/she had failed at a previous sitting i.e. Semester I or Semester II no later than the 1st week of Summer School.

g. Students may request permission to carry forward coursework marks for courses pursued in Semester I and/or II to the summer programme.
h. All requests must be submitted, through the Faculty Dean, to the Assistant Registrar, Student Affairs (Admissions) before the student is allowed to register.

NOTE: REGISTRATION FOR A COURSE OFFERED IN THE SUMMER SCHOOL IMPLIES REGISTRATION FOR THE EXAMINATION OF THAT COURSE.

7. AWARD OF CREDIT/EXEMPTION
   a. Credits for courses successfully completed in the Summer School shall be granted to registered students of the University including those on approved leave of absence.
   b. Persons wishing to pursue a course(s) to be considered as ‘Not for Credit” (NFC) must seek approval prior to registering for the course. All such requests must be made, in writing, or on the required form, to the Dean of the Faculty. Students will not subsequently have such credit altered.
   c. Summer School students who have not been offered a place at the University have no automatic right of acceptance into any Faculty of the University.
   d. Persons who are accepted into the University may be granted credit/exemption for courses successfully completed in the Summer School provided that five (5) years have not elapsed since the completion of the relevant course(s).
   e. Students who do not satisfy normal matriculation may not use the credits gained in the Summer School for both matriculation and degree purposes.

8. APPLICATION FOR WITHDRAWAL
   a. Students may withdraw from a course by notifying the Assistant Registrar (Admissions) in writing and copying the respective Faculty’s Deans or Summer School coordinator. The student should clearly state the reasons for the withdrawal and complete the required application form for refund where applicable.
   b. Applications for withdrawal from a course must reach the Assistant Registrar (Admissions) no later than two (2) weeks after teaching has begun. Students, who wish to withdraw from a course after the deadline date, must apply to Academic Board, through their respective Faculty Office.

9. REFUND POLICY
   a. A refund penalty is charged as follows:
      i. No penalty before May 30th, 2013.
      ii. 25% of tuition fees up to June 2, 2013 (up to the end the 1st week of teaching).
      iii. 30% of tuition fees up to June 9, 2013 (up to the end of the 2nd week of teaching).

10. PAYMENT OF FEES
    a. Part payment of fees is NOT allowed.
    b. Fees must be paid at any branch of Republic Bank Ltd. using the bank deposit slip provided.
    c. Registration in the summer session will carry a non-refundable registration fee.
    d. Courses not dropped by the deadline date will be counted and the student will be billed accordingly.
    e. Late registration fee/late payment penalty includes the registration fee plus the late registration fee/late payment penalty.
SECTION V - PRIZES

A number of prizes are offered on an annual basis to students in the Faculty based on outstanding academic performance. The following is a list of such prizes. Note that this list is subject to alteration.

FACULTY PRIZES

These prizes are awarded to all First Class Honour students within the Faculty by the Office of the Dean.

DEPARTMENTAL PRIZES:

DEPARTMENT OF AGRICULTURAL ECONOMICS & EXTENSION

THE HEAD OF DEPARTMENT PRIZE
Awarded for the best performance in Agribusiness Management: Year I

THE HEAD OF DEPARTMENT PRIZE
Awarded for the best performance in Human Ecology: Year I

THE HEAD OF DEPARTMENT PRIZE
Awarded for the best performance in Human Nutrition and Dietetics: Year I

THE HEAD OF DEPARTMENT PRIZE
Awarded for the best performance in Agribusiness Management: Year II

THE HEAD OF DEPARTMENT PRIZE
Awarded for the best performance in Human Ecology: Year II

THE HEAD OF DEPARTMENT PRIZE
Awarded for the best performance in Human Nutrition and Dietetics: Year II

THE JOE PIRES MEMORIAL PRIZE
(formerly THE CARIBBEAN CHEMICALS & AGENCIES LTD)
Awarded for the best performance in Agricultural Extension: Years II & III

THE DR. SUNNEY D. ALEXIS & COLLETTE LEWIS-JAMES MEMORIAL PRIZE
Awarded for the best performance in BSc Human Nutrition and Dietetics: Year III

THE INTER-AMERICAN INSTITUTE FOR COOPERATION ON AGRICULTURE (IICA) AWARD PRIZE
Awarded for the best final year project demonstrating excellence in Agribusiness Management: Year III

THE MARKETING & DISTRIBUTION PRIZE
Awarded for the best performance in Marketing: Year III

THE SCOTIABANK PRIZE
Awarded for the best performance in Finance and Accounting: Year III

THE AGRIBUSINESS COMMUNITY SERVICE PRIZE
Awarded for outstanding service to the Agribusiness Community donated by Agribusiness Alumni: Year III

THE HEAD OF DEPARTMENT PRIZE
Awarded for the best performance in BSc Human Ecology: Year III

THE HEAD OF DEPARTMENT PRIZE (EVENING UNIVERSITY)
Awarded for the best Year III performance in the B.Sc. Agribusiness Management (Evening University)

THE DR. LLOYD RANKINE MEMORIAL PRIZE (formerly THE HEAD OF DEPARTMENT PRIZE) (EVENING UNIVERSITY)
Awarded for the best Year III performance in the B.Sc. Human Nutrition & Dietetics

THE HEAD OF DEPARTMENT PRIZE (EVENING UNIVERSITY)
Awarded for the best Year III performance in the B.Sc. Human Ecology

THE DEAN’S PRIZE
Awarded for the best performance in the Diploma in Institutional and Community Dietetics and Nutrition

DEPARTMENT OF FOOD PRODUCTION

THE HEAD OF DEPARTMENT PRIZE
Awarded for the best performance in the BSc Agriculture: Year I

THE HEAD OF DEPARTMENT PRIZE
Awarded for the best performance in the BSc Agriculture: Year II

THE HEAD OF DEPARTMENT PRIZE
Awarded for the best performance in the BSc General Agriculture - Year III
THE HEAD OF DEPARTMENT PRIZE
Awarded for the best performance in Agricultural Technology
Major: Year I

THE HEAD OF DEPARTMENT PRIZE
Awarded for the best performance in Agricultural Science
Major: Year II

THE HEAD OF DEPARTMENT PRIZE
Awarded for the best performance in Agricultural Science
Major: Year III

THE FREDERICK HARDY PRIZE
This prize should be awarded to the Part III student who obtains the highest average marks in courses taken in Soil Science at the Parts II and III examinations including the Project.

THE INTER-AMERICAN INSTITUTE FOR COOPERATION ON AGRICULTURE (IICA) AWARD PRIZE
Awarded for the best final year project demonstrating excellence in Commodity Utilization: Year III

THE LE GENDRE & CO. LTD. PRIZE
Awarded for the best performance in Crop Science over Years II & III

FRANK GUMBS MEMORIAL PRIZE
Awarded for the best final year project in Soil Chemistry or Soil Physics

THE PRINCIPAL’S PRIZE
Awarded for the best performance in BSc General Agriculture - over Years I - III

THE S. NORMAN GIRWAR AWARD FOR EXCELLENCE
An award in honour of the late Mr. S. Norman Girwar. Awarded to the academically excellent student for the best final year project in Food Production.

THE W.E. FREEMAN PRIZE
This prize valued at $500.00 cash and $500.00 trophy is awarded to the best final year project on the Biology of Cocoa and is a joint Faculty of Food and Agriculture/Faculty of Science and Technology prize.

THE THOMPSON, BADRIE-MAHARAJ & ASSOCIATES ATTORNEYS AT LAW PRIZE:
Awarded to the best final year undergraduate project either in microbiology or food safety in the Faculty of Food and Agriculture.

THE GARDEN CLUB OF TRINIDAD AND TOBAGO PRIZE
Awarded to the best practical paper on a Horticulture related topic

THE PROFESSOR LAWRENCE WILSON PRIZE
Awarded for the best undergraduate final year project in post-production technology

THE PROFESSOR GARY WAYNE GARCIA LIVESTOCK PRIZE
Awarded for the best graduating student in Livestock Science

SPECIAL PRIZES
THE CURRIE MEMORIAL PRIZE
For the student who excelled in extracurricular activities subject to satisfactory academic performance.

THE T.P. LECKY AWARD
Challenge Trophy donated by the Caribbean Agricultural Research and Development Institute (CARDI). Awarded for the best performance in all the degrees in the Faculty of Food and Agriculture over Years I to III.

HON. MINISTER OF FOOD PRODUCTION PRIZE
Awarded for the best performing student in the core courses of the Diploma/M.Sc. Agric-Food Safety and Quality Assurance

HON. MINISTER OF FOOD PRODUCTION PRIZE
Awarded for the best performing student in the mandatory research project of the M.Sc. Agric-Food Safety and Quality Assurance

DEPARTMENT OF GEOGRAPHY
THE HEAD OF DEPARTMENT PRIZE
Awarded for the best performance in Geography: Year I

THE HEAD OF DEPARTMENT PRIZE
Awarded for the best performance in Geography: Year II

CIC INSURANCE BROKERS LTD. PRIZE
Awarded for the best final year Geography Project

THE EXIM BANK PRIZE
Awarded to the best graduating student in Geography

THE HEAD OF DEPARTMENT PRIZE
Awarded for the best performance in Geography: Year III
### DEPARTMENT OF AGRICULTURAL ECONOMICS AND EXTENSION

#### COURSE LISTING

List of Courses Offered in the Department of Agricultural Economics and Extension for the 2014/2015 academic year

<table>
<thead>
<tr>
<th>SEMESTER 1</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUEC 1003</td>
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<td>Introduction to Nutrition</td>
<td>3</td>
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<tr>
<td>HUEC 1007</td>
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<td>Introduction to Textiles</td>
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<td>HUEC 2000</td>
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<td>Biochemistry</td>
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<td>HUEC 2001</td>
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<td>Basic Human Anatomy &amp; Physiology</td>
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<td>HUEC 2004</td>
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<td>Foodservice Systems Management (Equipment, Layout &amp; Design)</td>
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<td>HUEC 2008</td>
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<td>Social &amp; Psychological Aspects of Apparel</td>
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<td>Nutrition Assessment for Sports</td>
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<td>Nutrition and Metabolism</td>
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<td>Food Quality and Safety</td>
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<td>Marketing &amp; Price Analysis</td>
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<td>Caribbean Agriculture in Perspective: Evolution, Sociology and Contemporary Issues</td>
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<td>ENTI 2003</td>
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<td>ENTI 2003 Entrepreneurial Law</td>
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AGBU 1006  |             | Operation & Management of Extension Programmes         | 4       |
AGBU 3003  |             | Gender Issues in Agriculture                            | 3       |
AGBU 3004  |             | Communication Skills for Professionals                  | 3       |
AGBU 3012  |             | Project                                                | 4       |
AGBU 3001  |             | Community Analysis                                     | 4       |
AGBU 3002  |             | Extension Philosophy & Principles                       | 4       |
AGBU 3003  |             | Communication Theory & Principles                      | 4       |
AGBU 5005  |             | Field Research Project                                 | 4       |
AGBU 3000  |             | ICT Applications for Business                          | 3       |
AGBU 3004  |             | Introduction to Innovation and Decision Making         | 3       |
AGBU 3005  |             | Entrepreneurial Law                                    | 3       |
AGBU 3006  |             | Export Market Case Studies and Practice                | 3       |
AGBU 3007  |             | Family Resource Management                             | 3       |
AGBU 3008  |             | Physiology in Health and Disease                       | 3       |
AGBU 3009  |             | Principles of Dietetics                                | 3       |
AGBU 3010  |             | Food Service Systems Management (Quantity Foods)       | 3       |
AGBU 3011  |             | Medical Nutrition Therapy II                           | 3       |
AGBU 3012  |             | Law & the Family                                       | 3       |
AGBU 3013  |             | Advanced Textiles                                      | 3       |
AGBU 3014  |             | Housing & the Environment                              | 3       |
AGBU 3015  |             | Nutrition and Health in Sports Performance             | 3       |
AGBU 3016  |             | Nutrition in Health and Disease                        | 4       |
AGBU 3017  |             | Computer-Aided Pattern Development                     | 3       |
AGBU 3018  |             | Development of Caribbean Cuisine                       | 3       |
AGBU 3019  |             | Advanced Clinical Nutrition                            | 4       |
AGBU 3020  |             | Clinical Nutrition Practicum                           | 8       |
AGBU 3021  |             | Introduction to Agro-Environmental Management          | 4       |
AGBU 3022  |             | Macroeconomic Fundamentals for Caribbean Agriculture   | 3       |
AGBU 3023  |             | Applied Statistics                                     | 3       |
AGBU 3024  |             | Farm Business Management                               | 4       |
AGBU 3025  |             | International Marketing of Agricultural Products       | 4       |
AGBU 3026  |             | Introduction to Ecotourism: Product Design and Management | 4       |
AGBU 3027  |             | Agricultural Finance & Farm Credit                     | 3       |
AGBU 3028  |             | Introduction to Quantitative Methods in Economics      | 3       |
A. THE AGRIBUSINESS PROGRAMME

BSc Agribusiness Management

The BSc Agribusiness Management degree comprises 89 credits of core courses plus 6 credits of electives from the approved list, 3 credits of practical skills, 4 credits of internship and 9 credits of Foundation courses (FOUN 1101, FOUN 1102, FOUN 1301. Total 111 credits).

COURSE LISTING

SECTION A (CORE COURSES)

LEVEL I

SEMESTER 1

Course Code Course Title Credits
ACCT 1002 Introduction to Financial Accounting 3
AGEX 1000 Caribbean Agriculture in Perspective: Evolution, Sociology and Contemporary Issues 4
AGBU 1005 Introduction to Microeconomics 3
AGRI 1003 Mathematics for Scientists 3
Total Credits 13

SEMESTER 2

Course Code Course Title Credits
ACCT 1003 Introduction to Cost & Management Accounting 3
AGBU 1002 Introduction to Agro-Environmental Management 4
AGBU 1006 Macroeconomic Fundamentals for Caribbean Agriculture 4
AGRI 1010 Introduction to Crop and Livestock Production 3
COMP 1011 Introduction to Information Technology 3

Total Credits 17

BSC SPECIAL OPTIONS, MAJORS, MINORS AND DIPLOMAS OFFERED

A. The Agribusiness Programme

1. The BSc Agribusiness Management
2. Major in Agribusiness
3. Major in Entrepreneurship
4. Minor in Entrepreneurship

B. The Human Ecology Programme

The Human Ecology Programme comprises three (3) Majors, one (1) Minor and two (2) Undergraduate degrees as outlined below:

(i) Majors:
   (a) Family and Consumer Sciences
   (b) Nutritional Sciences
   (c) Foods and Foodservice Systems Management

(ii) Minor: Sports Nutrition

(iii) BSc Human Nutrition and Dietetics

(iv) BSc Human Ecology Degree as follows:

   Either
   (a) Double Major comprising Family and Consumer Sciences plus Nutritional Sciences or Foods and Foodservice Systems Management or other approved Majors relevant to the Degree.

   Or
   (b) Major in Family and Consumer Sciences and a Minor in Sports Nutrition and/or other approved Minors relevant to the Degree.
<table>
<thead>
<tr>
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<td>Practical Techniques and Tools in Agriculture</td>
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<td>Management Accounting</td>
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<td>Agriculture in the Economy</td>
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<td>AGBU 2002</td>
<td>Management &amp; Economics of Agricultural Production &amp; Marketing</td>
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<td>MGMT 2023</td>
<td>Financial Management I</td>
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<td></td>
<td>MGMT 2006</td>
<td>Management of Information Systems I</td>
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<td>MGMT 2008</td>
<td>Organisational Behaviour</td>
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<td>MGMT 2003</td>
<td>Principles of Marketing</td>
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<td>Marketing and Price Analysis</td>
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<td>AGBU 3006</td>
<td>Agricultural Project Appraisal &amp; Implementation</td>
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<td></td>
<td>AGBU 3012</td>
<td>Research Project*</td>
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<td>MGMT 3017</td>
<td>Human Resource Management</td>
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<td>AGBU 3000</td>
<td>Farm Business Management</td>
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<td></td>
<td>AGBU 3002</td>
<td>International Marketing of Agricultural Products</td>
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<tr>
<td></td>
<td>AGBU 3005</td>
<td>Introduction to Quantitative Methods in Economics</td>
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<tr>
<td></td>
<td>AGBU 3007</td>
<td>New Venture Creation and Management</td>
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<tr>
<td></td>
<td>AGBU 3012</td>
<td>Research Project*</td>
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<tr>
<td>Total Credits</td>
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*NOTE: AGBU 3012 will be offered in Semester 1 and 2. Students will be examined at the end of the semester in which they are registered.*

SECTION B (ELECTIVES)
(At least six (6) credits from the following courses)

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<td>AGBU 3004</td>
<td>Agricultural Finance &amp; Farm Credit</td>
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<td>AGBU 3009</td>
<td>International Trade Policy and Regulations</td>
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<td>AGBU 3010</td>
<td>Environmental Economics</td>
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<td>AGCP 3004</td>
<td>Introduction to Floriculture</td>
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<td>AGEX 3000</td>
<td>Technology Transfer in Agriculture</td>
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<td>AGEX 3004</td>
<td>Communication Skills for Professionals</td>
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<td>Poultry Production</td>
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<td>ECON 2000</td>
<td>Intermediate Microeconomics I</td>
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<tr>
<td>HUEC 2009</td>
<td>Family Resource Management</td>
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<td>HUEC 3007</td>
<td>Law and the Family</td>
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<td>Introduction to E-commerce</td>
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<td>MGMT 3030</td>
<td>Small Business Management</td>
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<td>MGMT 3032</td>
<td>Entrepreneurial Studies</td>
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<tr>
<td>MGMT 3011</td>
<td>Management Information Systems II Analysis and Design</td>
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NOTE (A):
Students who intend to pursue an MSc in Agricultural Economics/Agribusiness are advised that the Elective Course, ECON 2000, Intermediate Microeconomics I, would be an asset.
## Major in Agribusiness

The major comprises 32-34 credits of advanced courses (Levels II & III), distributed according to the following areas of specialisation:

- Agribusiness Courses – 20 Credits
- Quantitative Courses – 3 Credits
- Communication Courses – 3 Credits
- Electives – 6-8 Credits

Additionally, a total of 23 credits of Level I prerequisites are required as indicated below.

The Major in Agribusiness comprises:
- All Courses in Section A (Core Courses) and
- at least six (6) credits from courses listed in Section B (Electives).

Students must also ensure that they satisfy prerequisite requirements as listed below.

### PREREQUISITES

#### LEVEL I

**SEMESTER 1**

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<td>Caribbean Agriculture in Perspective: Evolution, Sociology and Contemporary Issues</td>
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<td>Mathematics for Scientists</td>
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**SEMESTER 2**

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<td>Macroeconomic Fundamentals for Caribbean Agriculture</td>
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<td>AGRI 1010</td>
<td>Introduction to Crop and Livestock Production</td>
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<td>Introduction to Information Technology</td>
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#### LEVEL II & III

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<td>AGBU 3001</td>
<td>Marketing and Price Analysis</td>
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#### SECTION A (CORE COURSES)

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**SELECTION B (ELECTIVES) (select at least six (6) credits)**

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<td>Agricultural Project Appraisal and Implementation</td>
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<td>AGBU 3012</td>
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<td>MGMT 2023</td>
<td>Financial Management I*</td>
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**SELECTION B (ELECTIVES) (select at least six (6) credits)**

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<td>Introduction to Quantitative Methods in Economics</td>
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<td>International Trade Policy and Regulations</td>
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<td>MGMT 2003</td>
<td>Principles of Marketing*</td>
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<td>Project</td>
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</table>

*If not pursuing the Major in Management Studies

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**NOTE:** AGBU 3012 will be offered in Semesters I and II. Students will be examined at the end of the semester in which they are registered.
Major in Entrepreneurship
This is a new major with the first year of the programme offered in academic year 2014/15. Students enrolled in this major can pursue a single major, a double major or combine it with one or two minors. The major is composed of 15 compulsory Year 1 credits and 31 Years 2 and 3 credits of which 25 are core and 6 electives. Students choosing this major should not enrol for the existing minor in Entrepreneurship. List of Year 1 core courses of the major arranged by semester is given below:

**LEVEL I**

**SEMESTER 1**
<table>
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<tr>
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**SEMESTER 2**
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<th>Course Title</th>
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<tr>
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<td>Macroeconomic Fundamentals for Caribbean Agriculture</td>
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<tr>
<td>ENTI 1001</td>
<td>Introduction to Entrepreneurship, Creativity and Problem Solving</td>
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Minor in Entrepreneurship
The Minor in Entrepreneurship comprises a minimum of 15 credits of Advanced Courses (Levels II and III) and 6 credits of prerequisites. Students are required to complete both courses in Section A (Core Courses) and the remaining credits from the list of courses in Section B (Electives).

**PREREQUISITES:**
AGBU 1005: INTRODUCTION TO MICROECONOMICS; AND AGBU 1006: MACROECONOMIC FUNDAMENTALS FOR CARIBBEAN AGRICULTURE

**SECTION A (CORE COURSES)**

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**SECTION B (ELECTIVES)**
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<td>Introduction to Ecotourism: Production Design and Mgt</td>
<td>4</td>
</tr>
<tr>
<td>AGBU 3006</td>
<td>Agricultural Project Appraisal and Implementation</td>
<td>4</td>
</tr>
<tr>
<td>AGBU 3009</td>
<td>International Trade Policy &amp; Regulations</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 3863</td>
<td>Tropical Aquaculture</td>
<td>4</td>
</tr>
<tr>
<td>HUEC 3004</td>
<td>Food Product Development</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 3032</td>
<td>Entrepreneurial Studies</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 2021</td>
<td>Business Law</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 2007</td>
<td>Introduction to E-Commerce</td>
<td>3</td>
</tr>
<tr>
<td>HUEC 3010</td>
<td>Housing and the Environment</td>
<td>3</td>
</tr>
<tr>
<td>HUEC 3020</td>
<td>Development of Caribbean Cuisine</td>
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</tr>
<tr>
<td>AGBU 3012</td>
<td>Project (in Entrepreneurship)</td>
<td>4</td>
</tr>
<tr>
<td>ENTI 2001</td>
<td>Introduction to Innovation &amp; Decision Making</td>
<td>3</td>
</tr>
<tr>
<td>ENTI 2002</td>
<td>Entrepreneurial Business Planning</td>
<td>3</td>
</tr>
</tbody>
</table>

*NOTE: Students pursuing the Major in Agribusiness, together with a minor in Entrepreneurship, are required to select the 15 credits required from Section B since the courses in Section A are common with the Agribusiness Major.
B. **THE HUMAN ECOCOLOGY PROGRAMME**

### Major in Family and Consumer Sciences

The Major in Family and Consumer Sciences comprises 36 credits of advanced courses (Levels II and III) as well as 18 credits of prerequisites courses in Level I. These are outlined below:

**COURSE LISTING**

#### PREREQUISITES

**LEVEL I**

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>AGBU 1005</td>
<td>Introduction to Microeconomics</td>
<td>3</td>
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<tr>
<td></td>
<td>HUEC 1003</td>
<td>Introduction to Nutrition</td>
<td>3</td>
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<tr>
<td></td>
<td>HUEC 1007</td>
<td>Introduction to Textiles</td>
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<tbody>
<tr>
<td></td>
<td>HUEC 1005</td>
<td>Introduction to Biostatistics</td>
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<td></td>
<td>HUEC 1006</td>
<td>Basic Apparel Construction</td>
<td>3</td>
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<tr>
<td></td>
<td>PSYC 1004</td>
<td>Introduction to Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
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#### ADVANCED CORE COURSES

**LEVEL II**

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<thead>
<tr>
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<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>HUEC 2004</td>
<td>Foodservice Systems Management (Equipment, Layout &amp; Design)</td>
<td>3</td>
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<td></td>
<td>HUEC 2008</td>
<td>Psychological Aspects of Apparel</td>
<td>3</td>
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<tr>
<td></td>
<td>PSYC 2012</td>
<td>Developmental Psychology</td>
<td>3</td>
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<thead>
<tr>
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td>HUEC 2009</td>
<td>Family Resource Management</td>
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#### LEVEL III

<table>
<thead>
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<th>Course Title</th>
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<tr>
<td></td>
<td>HUEC 3000</td>
<td>Flat Pattern Development</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>HUEC 3019</td>
<td>Computer-Aided Design for the Fashion Industry</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>HUEC 3018</td>
<td>Fashion Industry and Business</td>
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<table>
<thead>
<tr>
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td>HUEC 3007</td>
<td>Law and the Family</td>
<td>3</td>
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<td></td>
<td>HUEC 3010</td>
<td>Housing and the Environment</td>
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<td>HUEC 3011</td>
<td>Advanced Textiles</td>
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<td></td>
<td>HUEC 3017</td>
<td>Computer Aided Pattern Development</td>
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<tr>
<td></td>
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<td>Practicum (Consumer Sciences)</td>
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</table>

### Major in Nutritional Sciences

The Major in Nutritional Sciences comprises 31 credits of advanced courses (Levels II and III) and 18 credits of prerequisites courses in Level I. These are presented below:

**COURSE LISTING**

#### PREREQUISITES

**LEVEL I**

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td>AGRI 1012</td>
<td>Microbiology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CHEM 1062</td>
<td>Basic Chemistry for Life Sciences</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>HUEC 1003</td>
<td>Introduction to Nutrition</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
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<td></td>
<td></td>
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<table>
<thead>
<tr>
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td>AGRI 1013</td>
<td>Introduction to Biochemistry</td>
<td>3</td>
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<td></td>
<td>HUEC 1004</td>
<td>Introduction to Foods &amp; Meal Mgt</td>
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<tr>
<td></td>
<td>HUEC 1005</td>
<td>Introduction to Biostatistics</td>
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<td>9</td>
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</tbody>
</table>
Major in Foods & Food Service Systems Management

The Major in Foods and Food Service Systems Management comprises 31 credits of advanced courses (Levels II and III) and 21 credits of prerequisites courses in Level I. These are as follows:

**COURSE LISTING**

**PREREQUISITES**

<table>
<thead>
<tr>
<th>Level</th>
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<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>I</td>
<td>ACCT 1002</td>
<td>Introduction To Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>I</td>
<td>AGBU 1005</td>
<td>Introduction to Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>I</td>
<td>AGRI 1012</td>
<td>Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>I</td>
<td>CHEM 1062</td>
<td>Basic Chemistry for Life Sciences</td>
<td>3</td>
</tr>
<tr>
<td>I</td>
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**LEVEL III**

<table>
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<tr>
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<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>HUEC 1001</td>
<td>Food Science</td>
<td>3</td>
</tr>
<tr>
<td>HUEC 1004</td>
<td>Introduction to Foods and Meal Management</td>
<td>3</td>
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**ADVANCED COURSES**

<table>
<thead>
<tr>
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>HUEC 2004</td>
<td>Food Service Systems Management \ (Equipment, Layout &amp; Design)</td>
<td>3</td>
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<tr>
<td>I</td>
<td>HUEC 2015</td>
<td>Food Quality and Safety</td>
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<tr>
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<table>
<thead>
<tr>
<th>Level II</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>II</td>
<td>HUEC 2003</td>
<td>Food Service Systems Management \ (Organisation &amp; Management)</td>
<td>3</td>
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<tr>
<td>II</td>
<td>MGMT 2003</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
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<table>
<thead>
<tr>
<th>Level III</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>HUEC 3004</td>
<td>Food Product Development</td>
<td>3</td>
</tr>
<tr>
<td>I</td>
<td>MGMT 2008</td>
<td>Organisational Behaviour</td>
<td>3</td>
</tr>
<tr>
<td>Total Credits</td>
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</tr>
</tbody>
</table>
### Minor in Sports Nutrition

The Minor in Sports Nutrition comprises 16 credits of advanced courses (Levels II and III) and 6 credits of prerequisites/co-requisites. Students are required to complete all courses in Section A (below) and to take at least 3 credits from the list of courses in Section B.

#### SECTION A: CORE COURSES*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUEC 2012</td>
<td>Nutrition Assessment for Sports</td>
<td>3</td>
</tr>
<tr>
<td>HUEC 3014</td>
<td>Nutrition in Sports and Fitness</td>
<td>3</td>
</tr>
<tr>
<td>HUEC 3016</td>
<td>Nutrition in Health and Disease</td>
<td>4</td>
</tr>
<tr>
<td>HUEC 3015</td>
<td>Nutrition and Health in Sports Performance</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Credits**: 13

*NOTE: Students pursuing the Major in Nutritional Sciences, together with a Minor in Sports Nutrition, are required to select the replacement courses for HUEC 3014, 3015 AND 3016 FROM Section B, below since these courses are common courses in the Major in Nutritional Sciences. Please consult with the Head of Department before registering for this minor.

#### SECTION B: ELECTIVES

(At least 3 credits must be selected from the following courses)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGBU 3007</td>
<td>New Venture Creation and Management</td>
<td>4</td>
</tr>
<tr>
<td>AGEX 3004</td>
<td>Communication Skills for Professionals</td>
<td>3</td>
</tr>
<tr>
<td>HUEC 3007</td>
<td>Law and the Family</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 2007</td>
<td>Introduction to E-Commerce 3</td>
<td></td>
</tr>
<tr>
<td>MGMT 2009</td>
<td>Sociology of Sports</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 2010</td>
<td>Introduction to Sports Management</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 2022</td>
<td>The Law and Sports</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 3027</td>
<td>Sports Marketing and Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 2012</td>
<td>Developmental Psychology</td>
<td>3</td>
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</table>

### BSc Human Nutrition and Dietetics – Special Option

The requirements for the BSc Human Nutrition and Dietetics are 94 credits of core courses plus 6 credits of electives from the approved list, as well as 9 credits of Foundation courses (FOUN 1101, FOUN 1105, FOUN 1301. Total credits 109.

#### COURSE LISTING

**CORE COURSES**

**LEVEL I**

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ACCT 1002</td>
<td>Introduction to Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>AGBU 1005</td>
<td>Introduction to Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>AGRI 1003</td>
<td>Mathematics for Scientists</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>AGRI 1012</td>
<td>Microbiology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CHEM 1062</td>
<td>Basic Chemistry for Life Sciences</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>HUEC 1003</td>
<td>Introduction to Nutrition</td>
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**Total Credits**: 18

**LEVEL I**

<table>
<thead>
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<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td>ACCT 1003</td>
<td>Introduction to Cost &amp; Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
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<td>AGRI 1013</td>
<td>Introduction to Biochemistry 3</td>
<td></td>
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<tr>
<td></td>
<td>HUEC 1001</td>
<td>Food Science</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>HUEC 1004</td>
<td>Introduction to Foods &amp; Meal Mgt.</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>HUEC 1005</td>
<td>Introduction to Biostatistics</td>
<td>3</td>
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<td></td>
<td>PSYC 1004</td>
<td>Introduction to Social Psychology</td>
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**Total Credits**: 18

**LEVEL II**

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<tr>
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<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td>AGEX 3004</td>
<td>Communication Skills for Professionals</td>
<td>3</td>
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<tr>
<td></td>
<td>HUEC 2000</td>
<td>Basic Human Anatomy &amp; Physiology</td>
<td>3</td>
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<td></td>
<td>HUEC 2001</td>
<td>Foodservice Systems Mgt. (Equip., Layout &amp; Design)</td>
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<tr>
<td></td>
<td>HUEC 2014</td>
<td>Nutrition and Metabolism</td>
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<tr>
<td></td>
<td>MGMT 2008</td>
<td>Organisational Behaviour</td>
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**Total Credits**: 18

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**Faculty of Food & Agriculture online**
## LEVEL II
### SEMESTER 2

<table>
<thead>
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<tbody>
<tr>
<td>HUEC 2002</td>
<td>Nutrition Throughout the Life Cycle</td>
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<tr>
<td>HUEC 2003</td>
<td>Foodservice Systems Mgt. (Org &amp; Mgt)</td>
<td>3</td>
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<tr>
<td>HUEC 2011</td>
<td>Physiology in Health and Disease</td>
<td>3</td>
</tr>
<tr>
<td>HUEC 2013</td>
<td>Principles of Dietetics</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 2003</td>
<td>Principles of Marketing</td>
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<td><strong>TOTAL CREDITS</strong></td>
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## LEVEL III
### SEMESTER 1

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUEC 3001</td>
<td>Community Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>HUEC 3004</td>
<td>Food Product Development</td>
<td>3</td>
</tr>
<tr>
<td>HUEC 3005</td>
<td>Medical Nutrition Therapy I</td>
<td>3</td>
</tr>
<tr>
<td>HUEC 3012</td>
<td>Research Project*</td>
<td>4</td>
</tr>
<tr>
<td>HUEC 3014</td>
<td>Nutrition in Sports and Fitness</td>
<td>3</td>
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<tr>
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*NOTE: HUEC 3012 will be offered in Semesters 1 and 2. Students will be examined at the end of the semester in which they are registered*

### ELECTIVES

A minimum of 6 credits is required from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGBU 3001</td>
<td>Marketing &amp; Price Analysis</td>
<td>4</td>
</tr>
<tr>
<td>AGBU 3003</td>
<td>Introduction to Eco-Tourism</td>
<td>4</td>
</tr>
<tr>
<td>AGBU 3005</td>
<td>Introduction to Quantitative Methods in Economics</td>
<td>3</td>
</tr>
<tr>
<td>AGBU 3006</td>
<td>Agricultural Project Appraisal and Implementation</td>
<td>4</td>
</tr>
<tr>
<td>AGBU 3007</td>
<td>New Venture Creation and Management</td>
<td>4</td>
</tr>
<tr>
<td>HUEC 2012</td>
<td>Nutritional Assessment for Sports</td>
<td>3</td>
</tr>
<tr>
<td>AGCP 3007</td>
<td>Post Harvest Technology</td>
<td>3</td>
</tr>
<tr>
<td>HUEC 3007</td>
<td>Law and the Family</td>
<td>3</td>
</tr>
<tr>
<td>HUEC 3015</td>
<td>Nutrition and Health in Sports Performance</td>
<td>3</td>
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MGMT 2007  Introduction to E-Commerce  3  
PSYC 2012  Developmental Physiology  3  
PSYC 2011  Selected Theories in Social Psychology  3  
SOCI 3005  Sociology of Health and Illness  3

**Note:** Individuals wishing to practise as a Dietician/Nutritionist must complete a one-year (calendar) Diploma in Institutional and Community Dietetics and Nutrition, following the successful completion of this degree.

### Diploma in Institutional and Community Dietetics and Nutrition

In order to be admitted candidates must have successfully completed a Bachelor’s Degree (no more than 5 years prior to application) with major credits in Clinical (Human) Nutrition, Foodservice Systems Management, and Community Nutrition, from a University or College acceptable to The University of the West Indies, St Augustine.

Applicants who do not qualify for entry as specified may be required to pursue supplementary Core and Professional courses at the University, to a minimum of eighteen (18) credits.

Selection from suitably qualified applicants will be based on interviews.

The Programme comprises the following courses

### SEMESTER 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUEC 5000</td>
<td>Advanced Foodservice Systems Management</td>
<td>4</td>
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<tr>
<td>HUEC 5010</td>
<td>Foodservice Systems Management Practicum</td>
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### SEMESTER 2

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<tr>
<td>HUEC 5020</td>
<td>Advanced Clinical Nutrition</td>
<td>4</td>
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<td>Clinical Nutrition Practicum</td>
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### SEMESTER 3

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<tr>
<td>HUEC 5040</td>
<td>Advanced Community Nutrition</td>
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<td>HUEC 5050</td>
<td>Community Nutrition Practicum</td>
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</table>

**Note (a):**

1. One credit hour is equivalent to one (1) lecture hour or five (5) practicum hours per week for the duration of a semester.
2. For the practicum courses HUEC 5010, HUEC 5030, HUEC 5050, in-course assignments will contribute 100% to the total marks for the course.

**NOTE (b): Enforced Withdrawal and Resits**
1. Candidates who fail four (4) or more courses will be required to withdraw from the programme.
2. Candidates who fail no more than two (2) courses may be allowed to register for those courses as a final attempt.

**NOTE (c): Requirements for Graduation**
1. The Diploma in Institutional and Community Dietetics and Nutrition will be awarded on successful completion of all courses.
2. The Diploma will be awarded with distinction to candidates with a GPA of 3.60 and above.

### C. EXTENSION PROGRAMME

**Minor in Communication and Extension**

The Minor in Communication and Extension comprises a minimum of 16 credits of Levels II and III courses selected from the list below. The prerequisites for this minor are AGEX 1000, AGBU 1005 and AGBU 1006.

**COURSE LISTING**

<table>
<thead>
<tr>
<th>CORE COURSES</th>
<th>(A minimum of 16 credits must be selected from the following courses)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Code</td>
<td>Course Title</td>
</tr>
<tr>
<td>AGEX 2001</td>
<td>Operation and Management of Extension Programmes</td>
</tr>
<tr>
<td>AGEX 3000</td>
<td>Technology Transfer in Agriculture</td>
</tr>
<tr>
<td>AGEX 3001</td>
<td>Island Food Systems</td>
</tr>
<tr>
<td>AGEX 3003</td>
<td>Gender Issues in Agriculture</td>
</tr>
<tr>
<td>AGEX 3004</td>
<td>Communication Skills for Professionals</td>
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<tr>
<td>AGEX 3012</td>
<td>Project</td>
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**Electives**

<table>
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<th>Course Title</th>
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<tbody>
<tr>
<td>AGEX 5006</td>
<td>Managing Extension for Agricultural and Rural Development</td>
<td>4</td>
</tr>
<tr>
<td>AGEX 5007</td>
<td>Rural Social Systems</td>
<td>4</td>
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</table>

### Diploma in Agricultural Extension

This programme will be offered subject to a minimum registration of ten (10) students.

The course of study for the Diploma in Agricultural Extension is offered over one (1) academic year of full-time study, and consists of lectures, seminars and practical assignments along with field research which can be conducted in any Caribbean country.

In order to be admitted, candidates must be graduates of an approved University; or hold a technical or professional qualification awarded by an approved Tertiary Level Institution in addition to practical experience or other qualifications of special relevance to the course of studies.

Candidates will be awarded the diploma on successful completion of all the core courses and one of the two elective courses listed below:

**COURSE LISTING**

<table>
<thead>
<tr>
<th>CORE COURSES</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>AGEX 5001</td>
<td>Community Analysis</td>
<td>4</td>
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<td>AGEX 5002</td>
<td>Extension Philosophy and Principles</td>
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<tr>
<td>AGEX 5003</td>
<td>Communications Theory and Practice</td>
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<tr>
<td>AGEX 5004</td>
<td>Current Issues in Agricultural &amp; Rural Development</td>
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<td>AGEX 5005</td>
<td>Field Research Project</td>
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## EVENING UNIVERSITY PROGRAMME

**BSc Agribusiness Management**

### COURSE LISTING AND SEQUENCE

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<tr>
<td></td>
<td></td>
<td>ACCT 1002</td>
<td>Introduction to Financial Accounting</td>
<td>3</td>
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<td></td>
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<td>AGEX 1000</td>
<td>Caribbean Agriculture in Perspective: Evolution, Sociology and Contemporary Issues</td>
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<td>AGRI 1003</td>
<td>Mathematics for Scientists</td>
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<tr>
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<td>ACCT 1003</td>
<td>Introduction to Cost &amp; Management Accounting</td>
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<td></td>
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<td>AGBU 1005</td>
<td>Introduction to Microeconomics</td>
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<td>AGRI 1010</td>
<td>Introduction to Crop and Livestock Production</td>
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<td>Practical Techniques and Tools in Agriculture</td>
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<td>Macroeconomic Fundamentals For Caribbean Agriculture</td>
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<td>COMP 1011</td>
<td>Introduction to Information Technology</td>
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<td>Introduction to Agro-Environmental Management</td>
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<td>AGBU 2003</td>
<td>Applied Statistics</td>
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<td>FOUN 1301</td>
<td>Law, Governance, Economy &amp; Society</td>
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<td>Agriculture in the Economy</td>
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<td>AGBU 2002</td>
<td>Management &amp; Economics of Agricultural Production &amp; Marketing</td>
<td>4</td>
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<td>Academic Writing for Different Disciplines</td>
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<td>Management Accounting</td>
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<td>MGMT 2021</td>
<td>Business Law</td>
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<td>AGBU 3007</td>
<td>New Venture Creation and Management</td>
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<tr>
<td></td>
<td>AGBU 3005</td>
<td>Introduction to Quantitative Methods in Economics</td>
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<td>Caribbean Civilisation</td>
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<td>AGBU 3001</td>
<td>Marketing and Price Analysis</td>
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<tr>
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<td>AGBU 3006</td>
<td>Agricultural Project Appraisal &amp; Implementation</td>
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* The offering of these Electives will be dependent on the availability of resources. Please consult the Head of Department before registering for Electives. Students MUST have the necessary prerequisites.
YEAR IV
SEMESTER 1
Course Code  Course Title  Credits
MGMT 3017  Human Resource Management  3
MGMT 2008  Organisational Behaviour  3
Total Credits  6

YEAR IV
SEMESTER 2
Course Code  Course Title  Credits
AGBU 3000  Farm Business Management  4
AGBU 3002  International Marketing of Agricultural Products  4
AGBU 3012  Research Project  4
Total Credits  12

YEAR IV
SEMESTER 3 (SUMMER)
Course Code  Course Title  Credits
AGBU 3008  Internship  4
Total Credits  4

SECTION B
(A minimum of 6 additional credits are required from the following)

LEVEL II & III
Banner  Title  Credit  Semester
AGEX 3004  Communication Skills for Professionals  3  1
ECON 2000  Intermediate Microeconomics I  3  1
HUEC 2009  Family Resource Management  3  1
HUEC 3007  Law and the Family  3  1
MGMT 3031  Business Strategy & Policy  3  2
MGMT 2024  Money and Capital Markets  3  2

Note: Students who intend to pursue an MSc in Agricultural Economics/Agribusiness are advised that Elective Course: Intermediate Microeconomics I would be an asset.

BSc Human Nutrition and Dietetics

The requirements for the BSc Human Nutrition and Dietetics are 94 credits of core courses plus 6 credits of electives from the approved list, as well as 9 credits of Foundation courses (FOUN 1101, FOUN 1105, FOUN 1301). The degree structure and courses are presented hereunder.

DEGREE STRUCTURE:
Professional Courses  39 credits
Management Courses  21 credits
Science Courses  30 credits
Research  4 credits
Electives Courses  6 credits
Foundation Courses  9 credits
Total  109 credits

COURSE LISTING AND SEQUENCE

YEAR I
SEMESTER 1
Course Code  Course Title  Credits
ACCT 1002  Introduction to Financial Accounting  3
AGRI 1003  Mathematics for Scientists  3
CHEM 1062  Basic Chemistry for Life Sciences  3
Total Credits  9

YEAR I
SEMESTER 2
Course Code  Course Title  Credits
AGBU 1005  Introduction to Microeconomics  3
ACCT 1003  Introduction to Cost & Managerial Accounting  3
PSYC 1004  Introduction to Social Psychology  3
Total Credits  9

YEAR I
SEMESTER 3 (SUMMER)
Course Code  Course Title  Credits
HUEC 1004  Introduction to Foods & Meal Management  3
HUEC 1001  Food Science  3
HUEC 1005  Introduction to Biostatistics  3
Total Credits  9
<table>
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<tr>
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<tr>
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<td>HUEC 1003</td>
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<td></td>
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<td>MGMT 2003</td>
<td>Principles of Marketing</td>
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<td>Organisational Behaviour</td>
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<tbody>
<tr>
<td></td>
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<td>AGRI 1012</td>
<td>Microbiology</td>
<td>3</td>
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<td></td>
<td>AGRI 1013</td>
<td>Introduction to Biochemistry</td>
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<td></td>
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<td>Law, Governance, Economy &amp; Society</td>
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<td>Communication Skills for Professionals</td>
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<td>Foodservice Systems Management (Organisation Management &amp; Operations)</td>
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<td>HUEC 2004</td>
<td>Foodservice Systems Management (Equipment, Layout &amp; Design)</td>
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<tr>
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<td></td>
<td>HUEC 2000</td>
<td>Biochemistry</td>
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<td>HUEC 2014</td>
<td>Nutrition and Metabolism</td>
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<td>HUEC 2001</td>
<td>Basic Human Anatomy &amp; Physiology</td>
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<td>Nutrition Throughout the Life Cycle</td>
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<td>HUEC 2011</td>
<td>Physiology in Health and Disease</td>
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<td>Caribbean Civilisation</td>
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<td>Community Nutrition</td>
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<td>Medical Nutrition Therapy I</td>
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<td>Food Product Development</td>
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<td>Foodservice Systems Management (Quantity Foods)</td>
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<td>HUEC 3020</td>
<td>Development of Caribbean Cuisine</td>
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Note: An individual wishing to practise as a Dietitian/Nutritionist must complete a one-year (calendar) Diploma in Institutional and Community Dietetics and Nutrition, following the successful completion of this degree.
The requirements for the BSc Human Ecology Degree are as follows:

**Double Major comprising:**
A. A Major in Family and Consumer Sciences plus a Major in Nutritional Sciences
or
B. A Major in Family and Consumer Sciences plus a Major in Foods and Foodservice Systems Management comprising 97 credits of core courses as well as 9 credits of foundation courses, FOUN 1101, FOUN 1105, FOUN 1301.

### A. MAJOR IN FAMILY AND CONSUMER SCIENCES & MAJOR IN NUTRITIONAL SCIENCES

#### COURSE LISTING AND SEQUENCE

#### YEAR I

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### B. MAJOR IN FAMILY AND CONSUMER SCIENCES & MAJOR IN FOODS & FOOD SERVICE SYSTEMS MANAGEMENT

#### COURSE LISTING AND SEQUENCE

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# DEPARTMENT OF FOOD PRODUCTION

The Department offers programmes in General Agriculture, Agricultural Science and Technology and Tropical Landscaping. The Department also contributes to teaching of the Major in Environmental and Natural Resource Management among others.

## COURSE LISTING

### SEMESTER 1

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### Course Listing

**Core Courses**

**Level I**

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<tr>
<td>AGSL1001</td>
<td>Soils and the Environment</td>
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</table>

**Total Credits**: 16

**Semester 2**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>AGBU1006</td>
<td>Macroeconomic Fundamentals for Caribbean Agriculture</td>
<td>3</td>
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<tr>
<td>AGRI1003</td>
<td>Mathematics for Scientists</td>
<td>3</td>
</tr>
<tr>
<td>AGRI1011</td>
<td>Introduction to General Genetics</td>
<td>3</td>
</tr>
<tr>
<td>AGRI1013</td>
<td>Introduction to Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>AGRI1016</td>
<td>Plant Anatomy and Physiology</td>
<td>3</td>
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<tr>
<td>AGRI1102</td>
<td>Critical Thinking, Information Literacy and</td>
<td></td>
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<td></td>
<td>Communication</td>
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**Total Credits**: 18

**Semester 4 (Summer)**

<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>AGRI1100</td>
<td>Practical Techniques and Tools in Agriculture</td>
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**Level II**

**Semester 1**

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>AGCP2000</td>
<td>Bio-systems Engineering Principles</td>
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<tr>
<td>AGRI2003</td>
<td>Fundamentals of Applied Statistics</td>
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<tr>
<td>AGCP2101</td>
<td>Principles of Sustainable Crop Prod.</td>
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<tr>
<td>AGSL2101</td>
<td>Principles of Soil Science</td>
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<tr>
<td>AGLS2101</td>
<td>Principles of Livestock Science and Prod.</td>
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</table>

**Total Credits**: 17

**Semester 2**

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<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>AGLS2001</td>
<td>Animal Health and Management</td>
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<td>AGLS2102</td>
<td>Fundamentals of Animal Nutrition</td>
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<tr>
<td>AGRI2001</td>
<td>Tropical Crop Protection</td>
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<td>AGCP2007</td>
<td>Post-harvest Technology</td>
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<tr>
<td>AGSL2001</td>
<td>Soil and Water Management</td>
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<tr>
<td>AGSL2000</td>
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**Total Credits**: 18

**Semester 4 (Summer)**

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<td>AGRI2300</td>
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**Level III**

**Semester 1**

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<tbody>
<tr>
<td>AGCP3011</td>
<td>Major Caribbean Export Crops</td>
<td>3</td>
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<tr>
<td>AGCP3007</td>
<td>Post-harvest Technology</td>
<td>3</td>
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<tr>
<td>AGLS3003</td>
<td>Ruminant Production Systems</td>
<td>3</td>
</tr>
<tr>
<td>AGRI3006</td>
<td>Principles of Animal and Plant Breeding</td>
<td>3</td>
</tr>
<tr>
<td>AGRI3013</td>
<td>Research Project</td>
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</table>

**Total Credits**: 16

---

**BSc General Agriculture/BSc Agriculture**

The BSc General Agriculture curriculum has been revised and is being replaced by BSc Agriculture from 2013/14 Academic Year on a phased basis. The revised programme provides an updated curriculum of international standard and of regional relevance. In 2014/15, the first and second year of the revised BSc Agriculture curriculum will be offered. The third students will be take the year 3 courses of the old general agriculture curriculum. In the BSc Agriculture, students are required to enrol only for two foundation courses (FOUN 1101 and FOUN 1301). The degree structure and courses are presented below.
LEVEL III
SEMESTER 2

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>AGBU 3000</td>
<td>Farm Business Management</td>
<td>4</td>
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<tr>
<td>AGCP 3012</td>
<td>Tropical Food Crops</td>
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</tr>
<tr>
<td>AGLS 3004</td>
<td>Non-Ruminant Production Systems</td>
<td>3</td>
</tr>
<tr>
<td>AGRI 3012</td>
<td>Agricultural Biotechnology</td>
<td>3</td>
</tr>
<tr>
<td>AGSL 3001</td>
<td>Irrigation and Drainage Technology</td>
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<tr>
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</table>

Major in Agricultural Science/Agricultural Technology

The Major in Agricultural Science being replaced by the Major in Agricultural Technology on a phased basis where in the academic year 2014/15 the first and second year of the new major and the third year for the Agricultural science Major will be offered. To Major in Agriculture Science or Technology students are required to do 32 credits of Level II and III courses in addition to compulsory Level I courses. To obtain a BSc General, students must also do another major, one or two minors or the required number of elective courses in addition to their prerequisites.

COURSE LISTING

LEVEL 1 (AGRICULTURAL TECHNOLOGY MAJOR)

SEMESTER 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>AGRI 1012</td>
<td>Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>AGLS 1001</td>
<td>Anatomy and Physiology of Animals</td>
<td>3</td>
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<tr>
<td>AGSL 1001</td>
<td>Soils and the Environment</td>
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LEVEL I

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<tr>
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<td>Plant Anatomy and Physiology</td>
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<td>AGRI 1013</td>
<td>Introduction to Biochemistry</td>
<td>3</td>
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<td>AGRI 1011</td>
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LEVEL I

SUMMER

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<tr>
<td>AGRI 1100</td>
<td>Practical Techniques and Tools in Agriculture</td>
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LEVEL II

SEMESTER 2

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<th>Credits</th>
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<tr>
<td>AGCP 2101</td>
<td>Principles of sustainable Crop Prod.</td>
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<tr>
<td>AGLS 2101</td>
<td>Principles of Livestock Science and Prod,</td>
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<tr>
<td>AGRI 2100</td>
<td>Current Issues in Agriculture</td>
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LEVEL II

SEMESTER 2

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<tbody>
<tr>
<td>AGLS 2000</td>
<td>Soil Fert. and Fert. Tech</td>
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<tr>
<td>AGRI 2001</td>
<td>Tropical Crop Protection</td>
<td>3</td>
</tr>
<tr>
<td>AGRI 3012</td>
<td>Agricultural Biotechnology</td>
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<tr>
<td>AGSL 2001</td>
<td>Soil and Water Management</td>
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LEVEL II/III (AGRICULTURAL SCIENCE MAJOR)

SEMESTER 1

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<tbody>
<tr>
<td>AGCP 2001</td>
<td>Principles of Crop Science and Production</td>
<td>4</td>
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<tr>
<td>AGCP 3007</td>
<td>Postharvest Technology</td>
<td>3</td>
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<tr>
<td>AGLS 3003</td>
<td>Ruminant Production Systems</td>
<td>3</td>
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<tr>
<td>AGLS 3004</td>
<td>Fundamentals of Animal Nutrition</td>
<td>3</td>
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<tr>
<td>AGLS 3005</td>
<td>Parasitology, Animal Health and Diseases</td>
<td>3</td>
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<tr>
<td>AGLS 3006</td>
<td>Tropical Crop Protection</td>
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<td>AGLS 3007</td>
<td>Agricultural Biotechnology</td>
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<td>AGLS 3008</td>
<td>Soil and Water Management</td>
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<td>AGLS 3009</td>
<td>Non Ruminant Production Systems</td>
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LEVEL II/III

SEMESTER 2

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<td>Applied Animal Physiology</td>
<td>3</td>
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<tr>
<td>AGLS 3004</td>
<td>Livestock Products Technology</td>
<td>3</td>
</tr>
<tr>
<td>AGCP 3001</td>
<td>Vegetable Production</td>
<td>4</td>
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<tr>
<td>AGCP 3002</td>
<td>Crop Production Systems</td>
<td>4</td>
</tr>
<tr>
<td>AGCP 3003</td>
<td>Introduction to Floriculture</td>
<td>3</td>
</tr>
<tr>
<td>AGLS 3000</td>
<td>Poultry Production</td>
<td>3</td>
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* STUDENTS ARE REQUIRED TO SELECT ONE OF THESE COURSES (AGLS 3003 OR AGLS 3004)

ELECTIVES

The following are general electives offered by the Department of Food Production. These courses are offered subject to a minimum enrolment and the necessary prerequisites.

SEMESTER 1

<table>
<thead>
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<th>Course Title</th>
<th>Credits</th>
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<tbody>
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<td>AGLS 3004</td>
<td>Applied Animal Physiology</td>
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<tr>
<td>AGLS 3004</td>
<td>Livestock Products Technology</td>
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<tr>
<td>AGCP 3001</td>
<td>Vegetable Production</td>
<td>4</td>
</tr>
<tr>
<td>AGCP 3002</td>
<td>Crop Production Systems</td>
<td>4</td>
</tr>
<tr>
<td>AGCP 3003</td>
<td>Introduction to Floriculture</td>
<td>3</td>
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<td>AGLS 3000</td>
<td>Poultry Production</td>
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### SEMESTER 2

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<tr>
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<th>Course Title</th>
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<tr>
<td>AGCP 3006</td>
<td>Principles of Fruit Crop Production</td>
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<td>AGLS 3005</td>
<td>Principles of Wildlife Production &amp; Management</td>
<td>3</td>
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<td>AGCP 2003</td>
<td>Mechanisation for Crop Production</td>
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</tr>
<tr>
<td>AGCP 3005</td>
<td>Landscape and Turfgrass Management</td>
<td>3</td>
</tr>
<tr>
<td>AGRI 3007</td>
<td>Current Issues in Agriculture</td>
<td>3</td>
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<tr>
<td>AGSL 3005</td>
<td>West Indian Soils</td>
<td>3</td>
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<tr>
<td>AGRI 3020</td>
<td>Food Microbiology</td>
<td>3</td>
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<tr>
<td>ENRM 3001</td>
<td>Sus Watershed Management</td>
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### LEVEL III

<table>
<thead>
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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>HORT 3001</td>
<td>Amenity and Sports</td>
<td>3</td>
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<td>LDSP 3001</td>
<td>Turfgrass Management</td>
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<tr>
<td>LDSP 3002</td>
<td>Landscaping Project</td>
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<tr>
<td>HORT 3002</td>
<td>Landscape Horticulture</td>
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### COURSE LISTING

#### LEVEL I

##### PREREQUISITES COURSES

**SEMESTER 1**

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<th>Course Title</th>
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<tbody>
<tr>
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<td>Soils and the Environment</td>
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<tr>
<td>VART 1404</td>
<td>ICT and Design Foundations</td>
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**SEMESTER 2**

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<td>Plant Anatomy and Physiology</td>
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<tr>
<td>VART 1406</td>
<td>Colour and Materials</td>
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**SEMESTER 4 (SUMMER)**

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<th>Credits</th>
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<tbody>
<tr>
<td>LDSP 1000</td>
<td>Practical Skills</td>
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#### CORE COURSES

**LEVEL II

**SEMESTER 1**

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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>VART 2401</td>
<td>Landscape Design I</td>
<td>3</td>
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<tr>
<td>HORT 2001</td>
<td>People Plant Relations</td>
<td>3</td>
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<td>HORT 2002</td>
<td>Tropical Landscape Plant Identification</td>
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**SEMESTER 2**

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<tbody>
<tr>
<td>VART 2402</td>
<td>Landscape Design II</td>
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**SEMESTER 4**

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<td>LDSP 2000</td>
<td>Landscaping Internship</td>
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### Major in Tropical Landscaping

A major in Tropical Landscaping would require successful completion of 15 credits of LEVEL 1 PREREQUISITES and a total of 32 credits at the advanced level.
**DEPARTMENT OF GEOGRAPHY**

**COURSE LISTING**

### SEMESTER 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>GEOG 1231</td>
<td>Earth Environments 1: Geomorphology &amp; Soils</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 1131</td>
<td>Human Geography 1: Population, Migration &amp; Settlement</td>
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### SEMESTER 2

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<th>Course Title</th>
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<tbody>
<tr>
<td>GEOG 1232</td>
<td>Earth Environments 2: Climate &amp; Biosphere</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 1132</td>
<td>Human Geography 2: World Economy, Agriculture &amp; Food</td>
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### SEMESTER 1

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<th>Course Title</th>
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<tbody>
<tr>
<td>GEOG 2010</td>
<td>Geographical Information Systems</td>
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<tr>
<td>GEOG 2011</td>
<td>Geomorphology</td>
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### SEMESTER 2

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<tr>
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<td>Introduction to Urban Geography</td>
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<td>GEOG 2013</td>
<td>Geography Research Methods</td>
<td>3</td>
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<tr>
<td>GEOG 2014</td>
<td>Geographies of Food</td>
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<td>GEOG 2017</td>
<td>Geopolitics and Political Geography</td>
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<td>GEOG 3116</td>
<td>Geographies of the Caribbean</td>
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<tr>
<td>GEOG 3117</td>
<td>Environmental Modelling with GIS</td>
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<tr>
<td>GEOG 3118</td>
<td>Quaternary Environments</td>
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### SEMESTER 3 (SUMMER)

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<td>Geography Residential Field School (Tobago)</td>
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<tr>
<td>GEOG 3120</td>
<td>Geography Residential Field School (International)</td>
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### YEAR LONG

<table>
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<tbody>
<tr>
<td>GEOG 3110</td>
<td>Research Project</td>
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</table>

*NOT OFFERED IN 2014/2015

**Major in Geography**

A major in Geography would require successful completion of 12 credits of LEVEL 1 PREREQUISITES and a total of 30 credits at the advanced level consisting of 18 credits of core courses and any 12 credits of elective courses. Elective courses are subject to necessary prerequisite and can be taken from Level II/III.

**COURSE LISTING**

The structure of the programme is follows:

### LEVEL I

**SEMESTER 1**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>GEOG 1231</td>
<td>Earth Environments 1: Geomorphology &amp; Soils</td>
<td>3</td>
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<tr>
<td>GEOG 1131</td>
<td>Human Geography 1: Population, Migration &amp; Settlement</td>
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### LEVEL II

**SEMESTER 1**

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<th>Course Title</th>
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<tr>
<td>GEOG 2010</td>
<td>Geographical Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 2011</td>
<td>Geomorphology</td>
<td>3</td>
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**SEMESTER 2**

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</thead>
<tbody>
<tr>
<td>GEOG 2016</td>
<td>Introduction to Urban Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 2013</td>
<td>Geography Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 2014</td>
<td>Geographies of Food</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 2017</td>
<td>Geopolitics and Political Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 3116</td>
<td>Geographies of the Caribbean</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 3117</td>
<td>Environmental Modelling with GIS</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 3118</td>
<td>Quaternary Environments</td>
<td>3</td>
</tr>
</tbody>
</table>

### LEVEL III

**SEMESTER 1**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 3111</td>
<td>Natural Hazards</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 3113</td>
<td>Remote Sensing and GIS</td>
<td>3</td>
</tr>
</tbody>
</table>

**SEMESTER 2**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 3116</td>
<td>Geographies of the Caribbean</td>
<td>3</td>
</tr>
</tbody>
</table>

AND any twelve (12) credits of ELECTIVES from the following:
### SEMESTER 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 2105</td>
<td>Geographies of Discourses and Development</td>
<td>3</td>
</tr>
<tr>
<td>AGSL 3010</td>
<td>Geophysical and Environmental Soil Sensing</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 3105*</td>
<td>Meteorology and Climatology</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 3114</td>
<td>Geographies of Migration and Settlement</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 3115*</td>
<td>Geographies of Equality and Social Justice</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 3305</td>
<td>Planning, Development and Sustainability</td>
<td>3</td>
</tr>
</tbody>
</table>

### SEMESTER 2

<table>
<thead>
<tr>
<th>Course Code</th>
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</tr>
</thead>
<tbody>
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<td>GEOG 2017*</td>
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</tr>
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<td>3</td>
</tr>
<tr>
<td>GEOG 3118*</td>
<td>Quaternary Environments</td>
<td>3</td>
</tr>
</tbody>
</table>

### SEMESTER 3 (SUMMER)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 2018*</td>
<td>Geography Residential Field School (Tobago)</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 3120</td>
<td>Geography Residential Field School (International)</td>
<td>3</td>
</tr>
</tbody>
</table>

### YEAR LONG

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 3110</td>
<td>Research Project</td>
<td>6</td>
</tr>
</tbody>
</table>

*NOT OFFERED IN 2014/2015

### BSc Geography

Students registered for the BSc (General), Major in Geography, will be eligible for transfer to the BSc Geography programme after successful completion of Level 1 geography courses provided that they have achieved an average GPA of at least 2.8. A BSc Geography would require successful completion of 12 credits of LEVEL I PREREQUISITES, plus an additional 12 LEVEL I credits and 9 credits of foundation courses. At LEVEL II/III, students must obtain 42 credits of Geography courses (of which, 27 are core), plus an additional 18 credits of approved non-Geography courses.

### COURSE LISTING

The structure of the programme is follows:

#### LEVEL I

##### SEMESTER 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 1231</td>
<td>Earth Environments 1: Geomorphology &amp; Soils</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 1131</td>
<td>Human Geography 1: Population, Migration &amp; Settlement</td>
<td>3</td>
</tr>
</tbody>
</table>

##### SEMESTER 2

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 1232</td>
<td>Earth Environments 2: Climate &amp; Biosphere</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 1132</td>
<td>Human Geography 2: World Economy, Agriculture &amp; Food</td>
<td>3</td>
</tr>
</tbody>
</table>

PLUS

AN ADDITIONAL 12 CREDITS OF APPROVED COURSES

### CORE COURSES

#### LEVEL II

##### SEMESTER 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 2010</td>
<td>Geographical Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 2011</td>
<td>Geomorphology</td>
<td>3</td>
</tr>
</tbody>
</table>

##### SEMESTER 2

<table>
<thead>
<tr>
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#### LEVEL III

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<tbody>
<tr>
<td>GEOG 3116</td>
<td>Geographies of the Caribbean</td>
<td>3</td>
</tr>
</tbody>
</table>
### Major in Environmental & Natural Resource Management

This interdisciplinary programme is offered in FFA and students enrolled in the Major are encouraged to consider complementary Majors within FFA. A revised curriculum of the major is introduced for year 1 and year 2 students in 2014/15 academic Year. Students in Year 3 reading for this major should take courses of the ‘old” curriculum which will be offered for the last time.

### COURSE LISTING

#### PREREQUISITE COURSES for Revised Major in ENRM

**LEVEL I**

**SEMESTER 1**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENRM 1001</td>
<td>Introduction to Environmental and Natural Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>AGSL1001</td>
<td>Soils and the Environment</td>
<td>3</td>
</tr>
</tbody>
</table>

**SEMESTER 2**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENRM 1002</td>
<td>Introduction to Natural Resource Economics</td>
<td>3</td>
</tr>
<tr>
<td>ENRM 1004</td>
<td>Ecology and Microbiology</td>
<td>3</td>
</tr>
</tbody>
</table>

**LEVEL II**

**SEMESTER 1**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENRM 2000</td>
<td>Soil and Land Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>ENRM 2001</td>
<td>Forest Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>ENRM 2002</td>
<td>Energy Resources and Sustainability</td>
<td>3</td>
</tr>
</tbody>
</table>

**SEMESTER 2**

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENRM 2003</td>
<td>Wild Life Management</td>
<td>3</td>
</tr>
<tr>
<td>ENRM 2004</td>
<td>Environmental Microbiology and Ecological Health</td>
<td>3</td>
</tr>
</tbody>
</table>

**LEVEL III**

**SEMESTER 1**

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENRM 3000</td>
<td>Natural Resource Economics and Assessment</td>
<td>3</td>
</tr>
</tbody>
</table>

**SEMESTER 2**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENRM 3001</td>
<td>Sustainable Watershed Management</td>
<td>3</td>
</tr>
<tr>
<td>ENRM 3002</td>
<td>Anthropogenic Climate Change Management</td>
<td>3</td>
</tr>
</tbody>
</table>
PLUS six (6) credits of approved electives

**COURSES LISTED BELOW ARE ELECTIVE COURSES**

**CORE COURSES (24 CREDITS)**
**FOR STUDENTS IN YEARS 2 & 3**

**LEVEL II/III**

**SEMESTER 1**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 2461</td>
<td>Humans &amp; the Environment</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3463</td>
<td>Pollution and Environmental</td>
<td>4</td>
</tr>
</tbody>
</table>

**LEVEL II/III**

**SEMESTER 2**

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<tr>
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</tr>
<tr>
<td>ENRM 3001</td>
<td>Sus Watershed Management</td>
<td>3</td>
</tr>
</tbody>
</table>

**MAJOR ELECTIVES (8 CREDITS)**

Any 8 credits from the following:

**LEVEL II/III**

**SEMESTER 1**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGEX 2001</td>
<td>Operations and Management of Extension Programmes</td>
<td>4</td>
</tr>
<tr>
<td>AGSL 3010</td>
<td>Geophysical and Environmental Soil Sensing</td>
<td>4</td>
</tr>
</tbody>
</table>

**LEVEL II/III**

**SEMESTER 2**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENRM 3002</td>
<td>Anthr Climate Change Mangt</td>
<td>3</td>
</tr>
<tr>
<td>AGBU 3003</td>
<td>Introduction to Ecotourism</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3864</td>
<td>Fisheries Biology &amp; Management</td>
<td>4</td>
</tr>
</tbody>
</table>

**Minor in Environmental & Natural Resource Management**

(16 CREDITS)

This Minor applies only to those students pursuing the Old curriculum of the ENRM Major

Any 16 credits from the following courses

**COURSE LISTING**

**LEVEL II/III**

**SEMESTER 1**

<table>
<thead>
<tr>
<th>Course Code</th>
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</tr>
<tr>
<td>AGSL 3010</td>
<td>Geophysical and Environmental</td>
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**LEVEL II/III**

**SEMESTER 2**

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<td>ENRM 2001</td>
<td>Forest Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>ENRM 3001</td>
<td>Sus Watershed management</td>
<td>3</td>
</tr>
</tbody>
</table>
SECTION VI - COURSE DESCRIPTIONS

ALPHABETICAL LISTING BY COURSE CODES

LEVEL: I
SEMESTERS: 1
COURSE CODE: ACCT 1002
COURSE TITLE: INTRODUCTION TO FINANCIAL ACCOUNTING
NUMBER OF CREDITS: 3
PREREQUISITES: NONE
DEPARTMENT RESPONSIBLE: MANAGEMENT STUDIES
COURSE DESCRIPTION: An introductory course designed for students of accounting and those in other areas of study. It aims at producing a practical and a theoretical understanding of the principles and concepts involved in the preparation of financial statements. Students are exposed to conceptual analytical approach with the aim of improving their critical thinking and communicative skills.
ASSESSMENT:
Coursework 25%
Final Examination 75%

LEVEL: I
SEMESTER: 2
COURSE CODE: AGBU 1002
COURSE TITLE: INTRODUCTION TO AGRO-ENVIRONMENTAL MANAGEMENT
NUMBER OF CREDITS: 4
PREREQUISITES: NONE
COURSE DESCRIPTION: The role and importance of the environment for social development and as a life support system. The nexus between agriculture and the environment. Agro-ecosystems structure and dynamics. Economics of environmental resources: market failure and environmental degradation, externalities and public goods; optimal resource use/extraction and approaches for management of renewable resources.

Concept of the watershed as a management unit: hydrology, soils, natural forest, biodiversity and land use. The impact of agricultural practices on the environment viewed from an ecosystem perspective: deforestation, soil erosion/degradation, flooding, irrigation, loss of biodiversity and climate change. Case studies of impacts related to various agricultural systems: crop and livestock, subsistence and plantation farming, hillside and erodible soils, pesticide and chemical application, irrigated agriculture. Integration of the concepts and issues discussed in designing sustainable agro-environmental systems for the tropics; focus on small island states. Case studies.
ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: II
SEMESTER: 1
COURSE CODE: ACCT 2017
COURSE TITLE: MANAGEMENT ACCOUNTING
NUMBER OF CREDITS: 3
PREREQUISITES: ACCT 1002 AND ACCT 1003
DEPARTMENT RESPONSIBLE: MANAGEMENT STUDIES
COURSE DESCRIPTION: The course explains how managerial accounting information is used by managers in manufacturing, retail, service and not-for-profit organisations to anticipate the future and monitor the activities of the business.
ASSESSMENT:
Coursework 25%
Final Examination 75%
LEVEL: I
SEMESTER: 1
COURSE CODE: AGBU 1005
COURSE TITLE: INTRODUCTION TO MICROECONOMICS
NUMBER OF CREDITS: 3
PREREQUISITES: NONE
COURSE DESCRIPTION: Nature and Scope of Economics:
General overview: Functions performed by economic systems; Resources/Factors of Production and Characteristics.
Demand and Supply: Concepts; definitions and introduction to factors affecting demand and supply; elasticities. Market Price and Quantity determination; interpretation and applications.
Theories of Consumer Behaviour: Marginal utility and indifference theories, Theory of Production, Supply and Cost: Production functions forms; profit maximisation behaviour and rationality in production.  Market Structures and Forms: Market types and characteristics; profit maximisation behaviour in perfect competition and monopoly.
ASSESSMENT:
Coursework  40%
Final Examination  60%

LEVEL: I
SEMESTER: 2
COURSE CODE: AGBU 1006
COURSE TITLE: MACROECONOMIC FUNDAMENTALS FOR CARIBBEAN AGRICULTURE
NUMBER OF CREDITS: 3
PREREQUISITES: NONE
COURSE DESCRIPTION: This course will build on the microeconomic foundation of the behaviour of the consumer and the firm to the establishment of demand and supply for the entire country which includes that of government and the rest of the world. Students would then learn how to measure the progress of the economy, and determine the national income and gross domestic product. Next, the role of monetary and fiscal policy on inflation, unemployment, deficits and economic growth will be studied. And finally the Caribbean economy and agricultural sector will be integrated into the international setting, examining the concepts of free trade and the role of exchange rate. The role of international trade and agriculture as it relates to the economy are clearly articulated.
ASSESSMENT:
Coursework  40%
Final Examination  60%

LEVEL: II
SEMESTER: 1
COURSE CODE: AGBU 2000
COURSE TITLE: AGRICULTURE IN THE ECONOMY
NUMBER OF CREDITS: 4
PREREQUISITES: AGBU 1005 and AGBU 1006 OR ECON 1001 and ECON 1002
ASSESSMENT:
Coursework  40%
Final Examination  60%

LEVEL: II
SEMESTER: 1
COURSE CODE: AGBU 2002
COURSE TITLE: MANAGEMENT AND ECONOMICS OF AGRICULTURAL PRODUCTION AND MARKETING
NUMBER OF CREDITS: 4
PREREQUISITES: AGBU 1005 and AGBU 1006 OR ECON 1001 and ECON 1002
ASSESSMENT:
Coursework  40%
Final Examination  60%
LEVEL: II
SEMESTER: 2
COURSE CODE: AGBU 2003
COURSE TITLE: APPLIED STATISTICS
NUMBER OF CREDITS: 3
PREREQUISITES: AGRI 1003
COURSE DESCRIPTION: This is an introductory course in Statistics with the aim of having students appreciate the role of Statistics in Agribusiness, Agricultural Economics and related fields as a fundamental tool of scientific investigation. The course introduces students to basic concepts and definitions in statistics, including descriptive statistics, probability distribution theory and the Normal Statistical Distribution. The method for the conduct of Statistical Inference is presented, including inference relating to a single population, differences between population means and the analysis of variance. The course concludes with a study of regression analysis.

ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: III
SEMESTER: 2
COURSE CODE: AGBU 3000
COURSE TITLE: FARM BUSINESS MANAGEMENT
NUMBER OF CREDITS: 4
PREREQUISITES: AGBU 1005, AGBU 1006, AGBU 2000 OR AGBU 2002

ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: III
SEMESTER: 1
COURSE CODE: AGBU 3001
COURSE TITLE: MARKETING AND PRICE ANALYSIS
NUMBER OF CREDITS: 4
PREREQUISITES: AGBU 1005 and AGBU 1006 OR ECON 1001 and ECON 1002

ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: III
SEMESTER: 2
COURSE CODE: AGBU 3002
COURSE TITLE: INTERNATIONAL MARKETING OF AGRICULTURAL PRODUCTS
NUMBER OF CREDITS: 4
PREREQUISITES: AGBU 1005 and AGBU 1006 OR ECON 1001 and ECON 1002

This course provides an understanding of the important concepts and issues involved in international marketing of agricultural products. Emphasis is given to the challenges Caribbean agri-businesses will face in the contemporary international business arena and the development/examination of options for successfully penetrating targeted international markets.

ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: III
SEMESTER: 2
COURSE CODE: AGBU 3003
COURSE TITLE: INTRODUCTION TO ECOTOURISM: PRODUCT DESIGN & MANAGEMENT
NUMBER OF CREDITS: 4
PREREQUISITES: NONE
COURSE DESCRIPTION: This course examines the way in which ecotourism could be designed and developed as a viable business opportunity, and as a contributor to sustainable development in the Caribbean. By the end of the course you should be able to define the concept within a framework of social and economic development. This goal will be achieved by taking you through the various components of eco-tourism, highlighting in particular, the business potential of the concept.

In this course, you will be supplied with tools to make practical decisions related to an ecotourism venture. No matter what your background maybe, you will find the concepts and perspectives contained in this course empower you to use ecotourism for more positive development. The material is developed with the specific needs of tropical small island states in mind.

ASSESSMENT:
Coursework 40%
Final Examination 60%
LEVEL: III
SEMESTER: 2
COURSE CODE: AGBU 3004
COURSE TITLE: AGRICULTURAL FINANCE & FARM
CREDIT
NUMBER OF CREDITS: 3
PREREQUISITES: AGBU 1005 AND AGBU 1006
ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: III
SEMESTER: 2
COURSE CODE: AGBU 3005
COURSE TITLE: INTRODUCTION TO QUANTITATIVE METHODS IN ECONOMICS
NUMBER OF CREDITS: 3
PREREQUISITES: AGBU 1005, AGBU 1006 AND AGRI 1003
ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: III
SEMESTER: 1
COURSE CODE: AGBU 3006
COURSE TITLE: AGRICULTURAL PROJECT APPRAISAL & IMPLEMENTATION
NUMBER OF CREDITS: 4
PREREQUISITES: AGBU 1005 and AGBU 1006 OR ECON 1001 and ECON 1002
COURSE DESCRIPTION: The nature of project appraisal and its role in planning. Financial analysis techniques, benefit cost analysis. Project implementation techniques. Application to cases.
ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: III
SEMESTER: 2
COURSE CODE: AGBU 3007
COURSE TITLE: NEW VENTURE CREATION AND MANAGEMENT
NUMBER OF CREDITS: 4
PREREQUISITES: AGBU 1005 OR AGBU 1006 OR ECON 1001 OR ECON 1002
COURSE DESCRIPTION: The hands-on tools and techniques for launching and managing a sustainable small business. Frameworks and guidelines that can be used to formulate strategies relevant in the contemporary business environment. Emphasis will be placed on real world application of business theory through the building of an effective business plan, case study analysis and interaction with entrepreneurs.
ASSESSMENT:
Coursework 40%
Examination 60%

LEVEL: III
SEMESTER: 4
COURSE CODE: AGBU 3008
COURSE TITLE: INTERNSHIP
NUMBER OF CREDITS: 4
PREREQUISITES: AGRI 1100
COURSE DESCRIPTION: Ten-week attachment to an agri-business firm to gain practical experience and training in an agri-business environment.
ASSESSMENT:
Coursework 100%
(Based on Workplace Supervisor's Report)
LEVEL: III  
SEMESTER: 2  
COURSE CODE: AGBU 3009  
COURSE TITLE: INTERNATIONAL TRADE POLICY AND REGULATIONS  
NUMBER OF CREDITS: 3  
PREREQUISITES: NONE  
COURSE DESCRIPTION: This course covers agricultural and food policies from domestic and international trade perspectives. Course examines the role of international trade in agricultural development; current debates about the effects of globalisation on developing countries; evolution of trade policies in the context of the Uruguay Round GATT Agreement and the WTO, the Lome Convention, Regional and Bilateral trade agreements and arrangements. Course also examines the Agreement on Agriculture and Sanitary and Phytosanitary Measures and international regulations as well as emerging trade agreements with implications for agriculture (Economic Partnership Agreements, Commodity Protocols and Special Trading Arrangements) and gives an introduction to trade negotiations.  
ASSESSMENT:  
Coursework  40%  
Final Examination  60%

LEVEL: III  
SEMESTER: 1 & 2  
COURSE CODE: AGBU 3012  
COURSE TITLE: PROJECT  
NUMBER OF CREDITS: 4  
PREREQUISITES: NONE  
COURSE DESCRIPTION: A project within a subject area relevant to the student’s degree option.  
ASSESSMENT:  
Project Report  80%  
Oral Presentation  20%  
*See Project Booklet for detailed guidelines  
NOTE: Students will be examined at the end of the semester in which they are registered

LEVEL: III  
SEMESTER: 1  
COURSE CODE: AGBU 3010  
COURSE TITLE: ENVIRONMENTAL ECONOMICS  
NUMBER OF CREDITS: 4  
PREREQUISITES: AGBU 1005 AND AGBU 1002  
COURSE DESCRIPTION: Human beings now face the challenge of sustainable development, where the needs are for cooperative alliances, and recycled waste flows. Environmental economics seeks to meet this challenge, and explores questions such as: Can we effectively develop policies to deal with the tricky issues of wealth distribution, population growth, international trade and energy in the world where more growth is no longer a simple solution? This course reviews underlying ecological economic theory, and shows how it can be applied to try to solve existing and emerging environmental problems.  
ASSESSMENT:  
Coursework  40%  
Final Examination  60%
LEVEL: II
SEMESTER: 1
COURSE CODE: AGCP 2101
COURSE TITLE: PRINCIPLES OF SUSTAINABLE CROP PRODUCTION – SCIENCE AND PRACTICE
NUMBER OF CREDITS: 3
PREREQUISITES: AGRI 1016
COURSE DESCRIPTION: Introduction to sustainable crop production - Key dimensions of sustainable crop production - increasing agricultural productivity, enhancing sustainable crop production, improving efficiency of inputs, managing biodiversity and ecosystem services, strengthening livelihoods. Agroecosystems. The crop concept – biomass production. Environmental effects on crop growth. Integrated crop management - conservation and sustainable use of plant genetic resources for food and agriculture, crop improvement and cultivar selection; seed quality and seed germination; vegetative propagation; transplant technology for seedling and propagules; crop establishment and crop growth, and resource use efficiency; crop scheduling; cropping systems, conservation agriculture manipulation of environmental factors - site selection and tillage systems; planting density and arrangement, water and nutrition management. Integrated pest management. Pollination management. Yield concepts; harvesting, post-harvest handling. Examples of good farming practices for sustainable crop production in the Caribbean.
ASSESSMENT:
Coursework: 100%

LEVEL: II
SEMESTER: 2
COURSE CODE: AGCP 2003
COURSE TITLE: MECHANISATION FOR CROP PRODUCTION
NUMBER OF CREDITS: 3
PREREQUISITES: AGRI 1003 AND AGCP 2000
COURSE DESCRIPTION: Principles of design, construction, operation and maintenance of power units and machinery for crop production. Management of machinery; determination of machinery requirements; machinery selection, performance and costs of use. Machinery for field operations; tillage, seed bed preparation, cultivation seeding and planting, chemical application and harvesting. Analysis and development of mechanized production systems with special reference to crop production in the Caribbean.
ASSESSMENT:
Coursework 20%
Final Examination 80%

LEVEL: III
SEMESTER: 1
COURSE CODE: AGCP 3002
COURSE TITLE: CROP PRODUCTION SYSTEMS
NUMBER OF CREDITS: 4
PREREQUISITES: AGCP 2001
COURSE DESCRIPTION: The role of crop production in agricultural development. The linkage between the cropping system, the farming system and the agricultural system. Major factors influencing cropping system development. Typologies of cropping systems in the tropics and the social, economic, natural resource; requirement and technological aspects of cropping systems for selected tropical crops. Approaches to evaluating cropping systems. Cropping system design for improving and sustaining productivity. New paradigms, including organic farming and integrated crop management and precision agriculture.
ASSESSMENT:
Coursework 40%
Final Examination 60%
LEVEL: III
SEMESTER: 1
COURSE CODE: AGCP 3004
COURSE TITLE: INTRODUCTION TO FLORICULTURE
NUMBER OF CREDITS: 4
PREREQUISITES: AGCP 2001
ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: III
SEMESTER: 2
COURSE CODE: AGCP 3005
COURSE TITLE: LANDSCAPE AND TURFGRASS MANAGEMENT
NUMBER OF CREDITS: 4
PREREQUISITES: AGCP 2001
COURSE DESCRIPTION: The role of plants in human well-being, the importance of the landscape industry and the use of plants in private and public spaces. The history of gardens and garden design. Plant identification techniques. Tree and shrub growth, development selection, establishment and maintenance. Turfgrass and ground cover growth and development, selection, establishment and maintenance. The elements and principles of landscape design, design process; uses of plant materials in landscape design. Landscape installation and maintenance.
ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: III
SEMESTER: 1
COURSE CODE: AGCP 3007
COURSE TITLE: POSTHARVEST TECHNOLOGY
NUMBER OF CREDITS: 3
PREREQUISITES: NONE
COURSE DESCRIPTION: The post-harvest physiology and biochemistry of selected tropical fruits, vegetables, root crops and grains. The post-harvest environment, including pathological agents, with particular reference to these crops. Physiological disorders. Post-harvest handling systems. Introduction to basic equipment used in quality evaluation, refrigeration and storage systems, and general post-harvest produce management.
ASSESSMENT:
Coursework 40%
Final Examination 60%
LEVEL: III
SEMESTER: 1
COURSE CODE: AGCP 3011
COURSE TITLE: MAJOR CARIBBEAN EXPORT CROPS
NUMBER OF CREDITS: 3
PREREQUISITES: AGCP 2001
COURSE DESCRIPTION: Historical, current and potential status of the industries of the export crops of major economic significance in the Caribbean including sugarcane, banana, coffee, cocoa, citrus, nutmeg and arrowroot. Origin, distribution, markets and producers, environmental requirements, traditional production systems and their socio-economic and environmental consequences. Impact of globalization, agricultural diversification and environmental concerns on new production systems including organic production, post-harvest handling and utilization in the Caribbean and other SIDS. Crop production for value chains vs. commodity markets. Production constraints and research needs.
ASSESSMENT:
Coursework: 40%
Final Examination: 60%

LEVEL: III
SEMESTER: 2
COURSE CODE: AGCP 3012
COURSE TITLE: TROPICAL FOOD CROPS
NUMBER OF CREDITS: 3
PREREQUISITES: AGCP 2001
COURSE DESCRIPTION: Traditional and improved production practices and systems for the major Caribbean food crops: starchy staples (tropical root crops, breadfruit, plantain, green bananas), vegetables and grain legumes. Production constraints and socio-economic issues relevant to production sustainability and Caribbean food security. Post-harvest handling systems for these crop groups. Alternative methods of utilization suitable for the Caribbean region.
ASSESSMENT:
Coursework: 40%
Final Examination: 60%

LEVEL: I
SEMESTER: 1
COURSE CODE: AGEX 1000
COURSE TITLE: CARIBBEAN AGRICULTURE IN PERSPECTIVE: EVOLUTION, SOCIOLOGY AND CONTEMPORARY ISSUES
NUMBER OF CREDITS: 4
PREREQUISITES: NONE
COURSE DESCRIPTION: This course provides an understanding of the evolution of Caribbean Agriculture, including the plantation and peasantry systems. Students are given an overview of the structure of the sector in terms of the crops, livestock, fisheries, forestry and value-added agribusiness. The multifunctional role and contribution of the sector to food and nutrition security, livelihoods, the environment and sustainable rural development are examined. The course includes a study of stratifications and social structures, as well as rural versus urban life and the role of the mass media in Caribbean societies. The course concludes with an examination of contemporary issues and an insight into the way forward for Caribbean agriculture.
ASSESSMENT:
Coursework: 40%
Final Examination: 60%

LEVEL: II
SEMESTER: 1
COURSE CODE: AGEX 2001
COURSE TITLE: OPERATION AND MANAGEMENT OF EXTENSION PROGRAMMES
NUMBER OF CREDITS: 4
PREREQUISITES: AGEX 1000 OR BIOL 1065 OR 1261
ASSESSMENT:
Coursework: 40%
Final Examination: 60%
LEVEL: III
SEMESTER: 2
COURSE CODE: AGEX 3000
COURSE TITLE: TECHNOLOGY TRANSFER IN AGRICULTURE
NUMBER OF CREDITS: 3
PREREQUISITES: AGEX 1000
ASSESSMENT:
  Coursework  40%
  Final Examination  60%

LEVEL: III
SEMESTER: 2
COURSE CODE: AGEX 3001
COURSE TITLE: ISLAND FOOD SYSTEMS
NUMBER OF CREDITS: 3
PREREQUISITES: NONE
COURSE DESCRIPTION: An understanding of island food systems of the Tropical World, from the viewpoint of their sustainability and how sustainability links to livelihood, equity and governance among selected island communities. The influences of these concepts on the occupations in farming, fishing, mining, forestry and national policy. Health and Nutrition Issues, Land and Water Use Conflict and Food Security. Appropriate development decisions in order to sustain island food systems which continually benefit all citizens.
ASSESSMENT:
  Coursework  40%
  Final Examinations  60%

LEVEL: III
SEMESTER: 1
COURSE CODE: AGEX 3003
COURSE TITLE: GENDER ISSUES IN AGRICULTURE
NUMBER OF CREDITS: 3
PREREQUISITES: NONE
COURSE DESCRIPTION: Defining Gender as a social construct. Historical perspectives for Gender in Caribbean Agriculture. Gender roles and gender relations on the farm and in Agricultural Occupations. Gender Analyses. Gender sensitivity in decision-making which pertains to the agricultural industry. Feminist thinking. Masculinities.
ASSESSMENT:
  Coursework  40%
  Final Examination  60%

(Also offered to students reading relevant Minors and Majors in the Faculty of Social Sciences and the Faculty of Humanities & Education)

LEVEL: III
SEMESTER: 1
COURSE CODE: AGEX 3004
COURSE TITLE: COMMUNICATION SKILLS FOR PROFESSIONALS
NUMBER OF CREDITS: 3
PREREQUISITES: NONE
COURSE DESCRIPTION: The course deals mainly with how to process and present technical information for non-technical audiences. Steps in planning and preparing communication materials/methods - setting objectives, analysing the audience, designing messages, etc. Writing for, and producing selected media - brochures, newsletters, etc., for print and the Internet. Effective oral presentations using graphics. Basic photography including digital photography. Design and production of slide sets. Introduction to designing and producing instructional videos. Key points in preparing and presenting radio programmes.
ASSESSMENT:
  Coursework  40%
  Final Examination  60%

LEVEL: III
SEMESTER: 1 and 2
COURSE CODE: AGEX 3012
COURSE TITLE: RESEARCH PROJECT
NUMBER OF CREDITS: 4
PREREQUISITES: NONE
COURSE DESCRIPTION: A project within a subject area relevant to the student’s degree option.
ASSESSMENT:
  Project Report 80%
  Oral Presentation 20%
*See Project Booklet for detailed guidelines
Students will be examined at the end of the semester in which they are registered.

LEVEL: DIPLOMA
SEMESTER: 1
COURSE CODE: AGEX 5001
COURSE TITLE: COMMUNITY ANALYSIS
NUMBER OF CREDITS: 4
PREREQUISITES: NONE
<table>
<thead>
<tr>
<th>Level: Diploma</th>
<th>Semester: 1</th>
<th>Course Code: AGEX 5002</th>
<th>Course Title: Extension Philosophy and Principles</th>
<th>Number of Credits: 4</th>
<th>Prerequisites: None</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td>Course Description: Advanced concepts of philosophy, principles and methods in the extension process. Formal and non-formal approaches in the diffusion of knowledge with special reference to developing countries.</td>
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<td>Assessment:</td>
<td>Coursework 25%</td>
<td>Final Examinations 75%</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Level: Diploma</th>
<th>Semester: 1</th>
<th>Course Code: AGEX 5003</th>
<th>Course Title: Communications Theory and Practice</th>
<th>Number of Credits: 4</th>
<th>Prerequisites: None</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Course Description: The communication process. Principles of effective communication. Practicals and laboratory exercises on communication techniques including printed media, radio programmes, the preparation and use of audio-visual material.</td>
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<td></td>
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<td></td>
<td>Assessment:</td>
<td>Coursework 25%</td>
<td>Final Examinations 75%</td>
</tr>
</tbody>
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<thead>
<tr>
<th>Level: Diploma</th>
<th>Semester: 2</th>
<th>Course Code: AGEX 5004</th>
<th>Course Title: Current Issues in Agricultural and Rural Development</th>
<th>Number of Credits: 4</th>
<th>Prerequisites: None</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Course Description: A seminar series highlighting topical themes in agricultural and rural development and emphasising approaches and strategies that treat with such development in the Caribbean from an integrated and integral perspective.</td>
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<td>Assessment:</td>
<td>Coursework 25%</td>
<td>Final Examinations 75%</td>
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<tr>
<th>Level: Diploma</th>
<th>Semester: 2</th>
<th>Course Code: AGEX 5005</th>
<th>Course Title: Field Research Project</th>
<th>Number of Credits: 8</th>
<th>Prerequisites: None</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td>Course Description: A project based on field research data collected and analysed by the candidate, for which a written report is submitted and an oral examination held.</td>
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<td>Assessment:</td>
<td>Coursework 25%</td>
<td>Examination 75%</td>
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<thead>
<tr>
<th>Level: Diploma</th>
<th>Semester: 2</th>
<th>Course Code: AGEX 5006</th>
<th>Course Title: Managing Extension for Agricultural and Rural Development</th>
<th>Number of Credits: 4</th>
<th>Prerequisites: None</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td>Course Description: Agricultural and rural development. Organizational design and structure. The process of extension management; planning; organising; control systems. Human resource development; leadership, delegation and motivation; team building and conflict management; performance appraisal; staff training and development.</td>
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<td>Assessment:</td>
<td>Coursework 25%</td>
<td>Examination 75%</td>
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<tr>
<th>Level: Diploma</th>
<th>Semester: 2</th>
<th>Course Code: AGEX 5007</th>
<th>Course Title: Rural Social Systems</th>
<th>Number of Credits: 4</th>
<th>Prerequisites: None</th>
</tr>
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<tbody>
<tr>
<td></td>
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<td>Course Description: A systems approach in the analysis of rural social relations. Definition and discussion of primary and secondary groups, roles and social status, geographic and cultural communities. Rural-urban drift and immigration processes. Structural and social Caribbean rural development. Policy issues and programmes in the promotion of integrated rural development.</td>
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<td>Assessment:</td>
<td>Coursework 25%</td>
<td>Final Examination 75%</td>
</tr>
</tbody>
</table>
LEVEL: I  
SEMESTER: 1  
COURSE CODE: AGLS 1001  
COURSE TITLE: ANATOMY AND PHYSIOLOGY OF ANIMALS  
NUMBER OF CREDITS: 3  
PREREQUISITES: NONE  
COURSE DESCRIPTION: Brief introduction to comparative anatomy and physiology of livestock including muscle and growth, circulation, respiration, digestion, reproduction, lactation, immunology, endocrinology and tropical environmental stress.  
ASSESSMENT:  
Coursework 40%  
Examination 60%  

LEVEL: II  
SEMESTER: II  
COURSE CODE: AGLS 2001  
COURSE TITLE: ANIMAL HEALTH AND MANAGEMENT  
NUMBER OF CREDITS: 3  
PREREQUISITES: AGLS 1001  
COURSE DESCRIPTION: Health and disease; public health, veterinary medicine and food security; losses caused by diseases; the environment and management and animal diseases; epidemiology, public health and zoonosis, elements of milk and meat hygiene; predisposition to disease; causes of disease; body defences and immunity; immunity and inflammation, bio security and disease surveillance; prophylaxis and vaccinations, bio diagnosis of disease; clinical examination; disease prevention and control; control of helminth diseases; diseases of newborn/neonate; chagas' disease; trichomoniasis; coccidiosis, cryptosporidiosis, toxoplasmosis, babesiosis, anaplasmosis, fascioliasis, paramphistomosis, Moniezia, taeniasis, haemonchosis, dictyocaulosis, oesophagostomosis, stephanurusis, bunostomosis, metastrongylosis, ascarisis, trichinellosis, screwworm, ticks, vampire bats, foot-and-mouth disease/aftosa, swine fever/hog cholera; rabies; heartwater; cowdrosis; Newcastle disease; fowl pox; chronic respiratory disease, aspergillosis, pullorum; mastitis; Johne's disease/paratuberculosis; pasteurellosis; brucellosis; tuberculosis; anthrax; type D enterotoxaemia; blackleg; tetanus; footrot; dermatophilosis; neonatal diseases; parturient parésis; hypomagnesaemic tetany; pregnancy toxaemia; neonatal diseases and breeding for disease resistance; milk and meat hygiene.  
ASSESSMENT:  
Coursework 40%  
Final Examination 60%  

LEVEL: II  
SEMESTER: 1  
COURSE CODE: AGLS 2002  
COURSE TITLE: ANIMAL NUTRITION  
NUMBER OF CREDITS: 3  
PREREQUISITES: AGLS 1001  
COURSE DESCRIPTION: The animal and its food; the nutrients and their digestion and metabolism; feedstuff used in animal diets; evaluation of feeds; feeding standards for maintenance, growth, reproduction and lactation; procedures in feed formulation.  
ASSESSMENT:  
Coursework 40%  
Final Examination 60%  

LEVEL: II  
SEMESTER: 2  
COURSE CODE: AGLS 2004  
COURSE TITLE: LIVESTOCK PRODUCTS TECHNOLOGY  
NUMBER OF CREDITS: 3  
PREREQUISITES: NONE  
COURSE DESCRIPTION: Technology of milk, meat products and eggs; including quality, consumer demand, methods of storage, distribution and processing, preparation and market presentation. Skin preservation, processing and grading. Field visits.  
ASSESSMENT:  
Coursework 40%  
Final Examination 60%  

LEVEL: II  
SEMESTER: 2  
COURSE CODE: AGLS 2005  
COURSE TITLE: PARASITOLOGY, ANIMAL HEALTH AND DISEASE  
NUMBER OF CREDITS: 3  
PREREQUISITES: AGLS 1001  
COURSE DESCRIPTION: Biology of parasites of major economic importance for various livestock species. Etiology, diagnosis, pathogenesis and management of parasitic infections, prophylaxis, therapeutics - diagnostic principles, infectious, production and parasitological diseases of cattle, small ruminants, pigs, poultry, rabbits and others, the epidemiology, clinical diagnosis, control and treatment of each disease with a focus on tropical/subtropical areas.  
ASSESSMENT:  
Coursework 40%  
Final Examination 60%
LEVEL: II
SEMESTER: I
COURSE CODE: AGLS 2101
COURSE TITLE: PRINCIPLES OF LIVESTOCK SCIENCE AND PRODUCTION
NUMBER OF CREDITS: 3
PREREQUISITES: AGLS 1001
COURSE DESCRIPTION: Overview of the animal industry in the Caribbean; animal contribution to human needs, animal species and breeds characteristics; animal breeding: genetics, heritability and genetic improvement, mating systems; animal nutrition principles: the digestive and metabolic systems, nutrients and their sources, nutrition of non-ruminants and ruminants; physiology of reproduction; physiology of growth and development: animal growth and carcass composition; animal behaviour and welfare; principles of animal health; ruminant and non-ruminant production systems; neo-tropical animals and non-domestic species, animal production and the environment; contemporary issues in animal agriculture; quality of animal products and human health.
ASSESSMENT:
Coursework 50%
Final Examination 50%

LEVEL: II
SEMESTER: II
COURSE CODE: AGLS 2102
COURSE TITLE: FUNDAMENTALS OF ANIMAL NUTRITION
NUMBER OF CREDITS: 3
PREREQUISITES: AGLS 1001
COURSE DESCRIPTION: The role of animal nutrition in modern agriculture; review of the alimentary canals of livestock; digestion and absorption of carbohydrates, fats and proteins in farm animals; nutrients; evaluation of feedstuffs; feeds and feeding; feeding standards and productivity; maintenance, growth, pregnancy and lactation; computation of rations.
ASSESSMENT:
Coursework 50%
Final Examination 50%

LEVEL: III
SEMESTER: I
COURSE CODE: AGLS 3000
COURSE TITLE: POULTRY PRODUCTION
NUMBER OF CREDITS: 3
PREREQUISITES: AGLS 1001
COURSE DESCRIPTION: Structure of the poultry industry in CARICOM countries with emphasis on chickens. Species of poultry of commercial importance. Management practices including physiology, breeds and breeding, health maintenance, nutrition and feeding, housing and waste management, equipment, incubation (including hatchery management) and brooding. The rearing of breeder flocks, layers and broilers. Records, maintenance, handling, processing and marketing of poultry products.
ASSESSMENT:
Coursework 25%
Final Examination 75%

LEVEL: III
SEMESTER: I
COURSE CODE: AGLS 3003
COURSE TITLE: RUMINANT PRODUCTION SYSTEMS
NUMBER OF CREDITS: 3
PREREQUISITES: AGLS 2002 AND AGLS 2005
COURSE DESCRIPTION: Structure of the ruminant industry in CARICOM, brief physiology of ruminants, management practices including breeds and breeding, feeding, health and disease prevention and control, housing and waste management, record keeping, planning new enterprises and use of new technologies. Systems of production for beef and dairy cattle, water buffalo, sheep and goats.
ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: III
SEMESTER: I
COURSE CODE: AGLS 3004
COURSE TITLE: NON-RUMINANT PRODUCTION SYSTEMS
NUMBER OF CREDITS: 3
PREREQUISITES: AGLS 2002 AND AGLS 2005
COURSE DESCRIPTION: Structure of the pig, poultry and rabbit industries in the CARICOM region; management practices including physiology, breeds and breeding, feeding, health, housing and waste management, record keeping, technology and planning of an enterprise. Systems of production for pigs, poultry and rabbits.
ASSESSMENT:
Coursework 40%
Final Examination 60%
LEVEL: III  
SEMESTER: 1  
COURSE CODE: AGLS 3008  
COURSE TITLE: APPLIED ANIMAL PHYSIOLOGY  
NUMBER OF CREDITS: 3  
PREREQUISITES: AGLS 1001  
COURSE DESCRIPTION: The course will focus on applied reproductive physiology including assisted reproductive technologies including estrous synchronization, embryo transfer, superovulation, semen evaluation and cloning, manipulation of lactogenesis and galactopoiesis; modification of the digestive process including use of enzymes, feed additives, and feed processing to enhance rumen by-pass capacity, nutritional management to reduce environmental pollution, modify product composition and reduce metabolic disorders; modification of the growth process including the use of growth promotants and repartioning agents; Stress physiology and manipulation of the Hypothalamo-Pituitary-Adrenal axis; transgenesis to enhance productivity and or change products and; nutrition reproduction interactions.  
ASSESSMENT:  
Coursework 40%  
Final Examination 60%  

LEVEL: I  
SEMESTER: 2  
COURSE CODE: AGRI 1011  
COURSE TITLE: INTRODUCTION TO GENERAL GENETICS  
NUMBER OF CREDITS: 3  
PREREQUISITES: NONE  
COURSE DESCRIPTION: Review of historical development of genetics and its contribution to society. Study of basic principles of heredity including Mendel’s Laws, incomplete dominance, sex determination and sex linkage. Extension of Mendelian genetics to Population and Quantitative genetics; Chemical basis of heredity, genetic variation and recombinant DNA technology.  
ASSESSMENT:  
Coursework 40%  
Final Examination 60%  

LEVEL: I  
SEMESTER: 1  
COURSE CODE: AGRI 1012  
COURSE TITLE: MICROBIOLOGY  
NUMBER OF CREDITS: 3  
PREREQUISITES: NONE  
ASSESSMENT:  
Coursework 40%  
Final Examination 60%  

LEVEL: I  
SEMESTER: 2  
COURSE CODE: AGRI 1013  
COURSE TITLE: INTRODUCTION TO BIOCHEMISTRY  
NUMBER OF CREDITS: 3  
PREREQUISITES: NONE  
COURSE DESCRIPTION: The course will cover biomolecules including nucleotides and nucleic acids, proteins and amino acids, carbohydrates and lipids; Enzymes, including enzymatic catalysis, enzyme kinetics, regulation and inhibition; metabolism including, glycolysis, citric acid cycle, electron transport and oxidative phosphorylation, gluconeogenesis, glycogenolysis, lipogenesis, lipolysis, photosynthesis, amino acid metabolism, nucleotide metabolism; gene expression and replication including DNA repair, replication and recombination, transcription and RNA processing, translation and regulation of gene processing.  
ASSESSMENT:  
Coursework 40%  
Final Examination 60%
LEVEL: I
SEMESTER: 2
COURSE CODE: AGRI 1016
COURSE TITLE: PLANT ANATOMY AND PHYSIOLOGY
NUMBER OF CREDITS: 3
PREREQUISITES: NONE
COURSE DESCRIPTION: Introduction to the evolution, taxonomy and diversity of crop plants; support, transport and protective tissues; root and stem structure and modifications. Organs of perennation. Major C4 and C3 crop plants; Floral structure and seed dispersal. Fruit classification. Water relations of cells and whole plants; photosynthesis, translocation assimilate partitioning and plant productivity; ion uptake and mineral nutrition; germination, dormancy and seedling establishment; regulation of growth and development by hormonal and environmental factors: introduction to plant growth and analysis.
ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: I
SEMESTER: SUMMER
COURSE CODE: AGRI 1100
COURSE TITLE: PRACTICAL TECHNIQUES AND TOOLS IN AGRICULTURE
NUMBER OF CREDITS: 4
PREREQUISITES: NONE
COURSE DESCRIPTION: Nursery operation; field crops; livestock; agricultural equipment and machinery; conservation and sustainability; waste management; agro-processing; farm management.
ASSESSMENT:
Coursework – 70%
Final examination – 30%

LEVEL: I
SEMESTER: 2
COURSE CODE: AGRI 1102
COURSE TITLE: CRITICAL THINKING, INFORMATION LITERACY AND COMMUNICATION
NUMBER OF CREDITS: 3
PREREQUISITES: NONE
COURSE DESCRIPTION: Basic concepts in communication; steps in effective communication; print media/writing; oral presentation; information and communication technologies; information literacy and research skill development; exercises in critical thinking.
ASSESSMENT:
Coursework – 60%
Final examination – 40%

LEVEL: II
SEMESTER: 2
COURSE CODE: AGRI 2001
COURSE TITLE: TROPICAL CROP PROTECTION
NUMBER OF CREDITS: 3
PREREQUISITES: AGRI 1016
ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: II
SEMESTER: 1
COURSE CODE: AGRI 2003
COURSE TITLE: FUNDAMENTALS OF APPLIED STATISTICS
NUMBER OF CREDITS: 3
PREREQUISITES: AGRI 1003 OR EQUIVALENT
COURSE DESCRIPTION: Overview; descriptive statistics; introduction to normal and binomial distributions; Central limit theorem; statistical inference about mean; single and two samples problems; attribute data analysis; experimental design and analysis of variance; simple linear regression; correlation.
ASSESSMENT:
Coursework 50%
Final Examination 50%
LEVEL: II  
SEMESTER: 1  
COURSE CODE: AGRI 2100  
COURSE TITLE: CURRENT ISSUES IN AGRICULTURE  
NUMBER OF CREDITS: 3  
PREREQUISITES:  
COURSE DESCRIPTION: Trends in food and food issues; population world trade and agriculture; climate change and agriculture; biodiversity and agriculture; technology and agriculture; small states and agriculture; land management and agricultural production; multifunctionality of agriculture.  
ASSESSMENT:  
Coursework 100%  

LEVEL: III  
SEMESTER: 1  
COURSE CODE: AGRI 3007  
COURSE TITLE: CURRENT ISSUES IN AGRICULTURE  
NUMBER OF CREDITS: 3  
PREREQUISITES: AGRI 1100 AND AGRI 2000  
COURSE DESCRIPTION: It involves directed study on any topic of interest to the students, may include library and laboratory learning experiences not otherwise available to undergraduate students.  
ASSESSMENT:  
Written Report of Study 60%  
Oral Presentation/Defence 40%  

LEVEL: III  
SEMESTER: 1  
COURSE CODE: AGRI 3013  
COURSE TITLE: RESEARCH PROJECT  
NUMBER OF CREDITS: 4  
PREREQUISITES: NONE  
COURSE DESCRIPTION: A project designed to provide training in research methodology within a subject area relevant to the student's degree.  
ASSESSMENT:  
Project Report 80%  
Oral Presentation 20%  

LEVEL: III  
SEMESTER: 2  
COURSE CODE: AGRI 3006  
COURSE TITLE: PRINCIPLES OF ANIMAL AND PLANT BREEDING  
NUMBER OF CREDITS: 3  
PREREQUISITES: AGRI 1011  
COURSE DESCRIPTION: Core contents will include mitosis and meiosis including oogenesis and spermatogenesis; Mendelian genetics, including independent assortment, use of laws of probability and chi-square analysis to explain the genetic events and the influence of change on genetic data; Extensions of mendelian genetics including the concept of multiple alleles, incomplete, partial and co-dominance, epistasis, sex-linked and sex-influenced inheritance; Quantitative genetics including inheritance of quantitative and polygenic traits; heritability; Linkage crossing over mapping; Chromosome mutations and variation in chromosome number including nondisjunction, inversion, deletions and translocations; Extra nuclear inheritance, including mitochondrial and chloroplasts DNA, genomic imprinting; Genetics of Bacteria and Bacteriophages and Population genetics including allelic frequencies, Hardy-Weinberg law, effects of mutations, migration, genetic drift and non-random mating on genotype and allelic frequencies, genetic basis for inbreeding depression; Genetic improvement principles, estimating genetic value including contemporary groups, EPDs, EBVs, accuracy and genetic markers; selection including methods of selection; principles of mating systems.  
ASSESSMENT:  
Coursework 40%  
Examination 60%
## Level III
### Semester: 2
#### Course Code: AGRI 3020
#### Course Title: Food Microbiology
#### Number of Credits: 3
#### Prerequisite: AGRI 1012 or Equivalent

**Course Description:** In this course, the history and development of food microbiology, characteristics of predominant microorganisms in food and their significance, extrinsic and intrinsic factors influencing microbial growth in foods, harmful aspects of microorganisms, beneficial applications of microorganisms in fermentation, methods of food preservation and predictive food microbiology. The course also addresses various food safety management systems such as by ISO 22000 and Hazard Analysis and Critical Control Point (HACCP). Teaching methods involve lectures, video presentation, and laboratory practical.

**Assessment:**
- Coursework: 40%
- Final Examination: 60%

## Level II
### Semester: 2
#### Course Code: AGSL 2000
#### Course Title: Soil Fertility and Fertilizer Technology
#### Number of Credits: 3
#### Prerequisites: AGSL 1001

**Course Description:** Principles of soil fertility and plant nutrition; Essential elements for plant growth; Nutrient cycles and nutrient dynamics in soils - macro and trace elements; Soil pH management; Essentials of fertilizers - manufactured and natural; Soil fertility evaluation; Fundamentals of nutrient and fertilizer management; Isotopic techniques in fertilizer optimization; Environmental concerns with fertilizer use.

**Assessment:**
- Coursework: 40%
- Final Examination: 60%

## Level II
### Semester: 2
#### Course Code: AGSL 2001
#### Course Title: Soil and Water Management
#### Number of Credits: 3
#### Prerequisites: AGSL 1001

**Course Description:** Methods of land clearing and their effects on soil structure; soil tillage and the management of soil structure for plant growth; management of soil structure to improve water intake, transmission and storage; water management for salinity control; soil erosion and the management of hillsides; management of dry and wet lands; management of forest soils; management of specific problem soils: soil management and its effects on microbes, microbial activity and soil fertility; soil fertility management; case studies.

**Assessment:**
- Coursework: 60%
- Final Examination: 40%
LEVEL: II
SEMESTER: 1
COURSE CODE: AGSL 2101
COURSE TITLE: PRINCIPLES OF SOIL SCIENCE
NUMBER OF CREDITS: 3
PREREQUISITES: AGSL 1001
COURSE DESCRIPTION: Soil as a natural resource, regional geology, rocks, formations, mineralogy, soil formation and pedogenesis; roles soils play in the environment:- agriculture, engineering, water balance and water quality, waste recycling and pollution control, aesthetic aspects, bio-diversity and ecological balance; soil distribution in the Caribbean, classification and mapping; soil physical properties:- soil texture, structure and porosity, soil water and soil aeration and temperature, water use and chemistry; soil chemical properties:- clay mineralogy, soil reaction, CEC, plant nutrition and SOM; soil organisms and biogeochemical cycles; agricultural meteorology.
ASSESSMENT:
Coursework 50%
Final Examination 50%

LEVEL: III
SEMESTER: 2
COURSE CODE: AGSL 3005
COURSE TITLE: WEST INDIAN SOILS
NUMBER OF CREDITS: 3
PREREQUISITES: AGSL 1001
COURSE DESCRIPTION: Influence of soil forming factors on soil formation and development specific to the wider Caribbean region; soil formation and distribution in the various Caribbean ecological zones; soil classification at regional and international levels; land use and management appropriate to the region; soil degradation and rehabilitation; land capability appropriate to the region; soil data base and land use planning appropriate to small islands states; field studies of selected West Indian Soils.
ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: II
SEMESTER: 2
COURSE CODE: AGSL 3001
COURSE TITLE: IRRIGATION AND DRAINAGE TECHNOLOGY
NUMBER OF CREDITS: 3
PREREQUISITES: AGSL 1001
COURSE DESCRIPTION: Soil water potential and measurements; saturated/unsaturated water movement; water movement to roots; evaporation, evapotranspiration and consumptive use. Sources of water; methods of water application; design, installation, operation and evaluation of irrigation systems; pumps and pumping for irrigation and drainage; drainage principles; types of drains; planning, design and installation of drainage systems; legal and administrative aspects of irrigation and drainage.
ASSESSMENT:
Coursework 25%
Final Examination 75%

LEVEL: II
SEMESTER: 1
COURSE CODE: BIOL 2063
COURSE TITLE: MARINE ECOLOGY
NUMBER OF CREDITS: 4
PREREQUISITES: BIOL 1462 - AT LEAST GRADE B
COURSE DESCRIPTION: Topics on basic oceanography including bathymetry and topography of the ocean floor; plate tectonics and continental drift; physical and chemical properties of sea water; atmospheric and oceanic circulation; tides; form and function of planktonic organisms; primary and secondary organic production and zooplankton distribution including sub tidal shallow sea, deep sea, hydrothermal vent communities and inter tidal benthic communities.; Coral reef biology; biology of marine mammals.
Practicals include time at sea.
ASSESSMENT:
Coursework 40%
Final Examination 60%
LEVEL: II
SEMESTER: 1
COURSE CODE: BIOL 2461
COURSE TITLE: HUMANS AND THE ENVIRONMENT
NUMBER OF CREDITS: 4
PREREQUISITES: BIOL 1462
ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: II
SEMESTER: 1
COURSE CODE: BIOL 2462
COURSE TITLE: CARIBBEAN ISLAND ECOLOGY
NUMBER OF CREDITS: 4
PREREQUISITIES: BIOL 1462 (AT LEAST A GRADE B)
COURSE DESCRIPTION: This advanced course treats the islands of the Caribbean within a global perspective. Its subject matter is the special nature of island environments and their biotas, and its aim is an understanding of the distributions and ecological relationships of island plants and animals through an analysis of their origins, evolutionary past population biology and community structure. The course is expected to integrate much of the knowledge that advanced undergraduates have amassed.
ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: III
SEMESTER: 3 (SUMMER)
COURSE CODE: BIOL 3068
COURSE TITLE: FIELD COURSE IN NEOTROPICAL ECOLOGY
NUMBER OF CREDITS: 4
PREREQUISITES: BIOL 1462 AND 8 CREDITS OF ADVANCED LEVEL LIFE SCIENCES COURSES, OR PERMISSION OF THE HEAD OF DEPARTMENT
COURSE DESCRIPTION: Introduction to focal group, ecological principles illustrated by focal group, specialised features of focal group, field research projects (aquatic or terrestrial). Students must consult with the course coordinator before registering for this course.
ASSESSMENT:
Coursework 100%
Oral Report 10%
Written Work 90%

LEVEL: III
SEMESTER: 2
COURSE CODE: BIOL 3864
COURSE TITLE: FISHERIES BIOLOGY & MANAGEMENT
NUMBER OF CREDITS: 4
PREREQUISITE: BIOL 2063
ASSESSMENT:
Coursework 40%
Final Examination 60%
LEVEL: I
SEMESTER: 1
COURSE CODE: CHEM 1062
COURSE TITLE: BASIC CHEMISTRY FOR LIFE SCIENCES
NUMBER OF CREDITS: 3
PREREQUISITES: NONE
COURSE DESCRIPTION: The course is intended to provide students, who have had very little exposure to chemistry and who intend to proceed to degree level in the Life and Health Sciences, with a working knowledge of the basic concepts and principles of Chemistry. Topics of study: atoms, bonding, (ionic and covalent) intermolecular forces, quantifying matter, classes of reactions; properties of ionic and covalent compounds; solution chemistry; acid-base equilibrium; reaction kinetics; thermochemistry; gases; properties and reactions of carbon compounds including alcohols, aldehydes and ketones, carboxylic acids, esters and ethers, amines and amides; amino acids and peptides, natural polymers and stereochemistry.
ASSESSMENT:
Coursework 40%
Final Examination - 2-hour written paper 60%

LEVEL: I
SEMESTER: 1
COURSE CODE: ECON 1001
COURSE TITLE: INTRODUCTION TO ECONOMICS I
NUMBER OF CREDITS: 3
PREREQUISITES: NONE
DEPARTMENT RESPONSIBLE: ECONOMICS
COURSE DESCRIPTION: This course provides students to the history of economic thought highlighting some of the key economic issues, which have preoccupied the discipline from its origins. The course also provides an introduction to the basic principles of micro-economic analysis together with the main perspectives on the functioning of the macro-economy. The micro-economic analysis is illustrated by reference to a key export sector in the Caribbean (e.g. oil or bananas). The implications of trends in the latter for the Balance of Payments and macro economy conclude this first semester course.
ASSESSMENT:
Coursework
Final Examination

LEVEL: I
SEMESTER: 2
COURSE CODE: ECON 1002
COURSE TITLE: INTRODUCTION TO ECONOMICS II
NUMBER OF CREDITS: 3
PREREQUISITES: ECON 1001
CO-REQUISITE: ECON 1001
DEPARTMENT RESPONSIBLE: ECONOMICS
COURSE DESCRIPTION: This course emphasizes macro-economic theory and policy and the related national income accounting together with international trade and the balance of payments. There is a significant stress on the implications of these economic issues for the Caribbean reality.
ASSESSMENT:
Coursework
Final Examination

LEVEL: 1
SEMESTER:
COURSE CODE: ECON 1005
COURSE TITLE: INTRODUCTION TO STATISTICS
NUMBER OF CREDITS: 3
PREREQUISITES:
DEPARTMENT RESPONSIBLE: ECONOMICS
COURSE DESCRIPTION: Descriptive Statistics; Probability and Probability distributions, Sampling distributions, Estimation, Hypothesis testing, simple correlation and regression.
ASSESSMENT: (see regulations - Faculty of Social Science)
Coursework:
Examination:
LEVEL: I
SEMESTER 2
COURSE CODE: ENRM 1001
COURSE TITLE: INTRODUCTION TO ENVIRONMENTAL AND NATURAL RESOURCE MANAGEMENT
NUMBER OF CREDITS: 3
PREREQUISITES: NONE
COURSE DESCRIPTION: This course is designed to provide Environmental and Natural Resource Management students with the philosophies and tools needed to understand the economic and management principles of environmental and natural resource management. It looks at the issues and methods in making decisions about environmental assets especially in the context of sustainable development, poverty alleviation and policy agendas. The necessity and challenges in communicating with stakeholders in the area of participatory management will also be discussed. The course will introduce students to the basics of environmental law and policies implemented across the world, and discuss managing the negative impacts of climate change and pollution. It also develops the application of microeconomic principles and shows how these can be applied to managing the environment and natural resources. Further, relevant environmental issues will be examined to show how the theoretical principles covered in the material will apply to the real world. The course will be delivered in a blended format and examined by an in-course examination, quizzes, and a final examination.
ASSESSMENT:
Coursework – 40%
Final examination – 60%

LEVEL: I
SEMESTER 1
COURSE CODE: ENRM 1002
COURSE TITLE: INTRODUCTION TO NATURAL RESOURCE ECONOMICS
NUMBER OF CREDITS: 3
PREREQUISITES: NONE
COURSE DESCRIPTION: This course introduces students to economic issues specific to the use and management of natural resources. It explores the economic principles for the efficient allocation of resources over time, examines sources of inefficiency in the exploration of natural resources and discusses policy options to reduce inefficiency. This course will be delivered in a blended format and examined by an in-course examination and a final examination.
ASSESSMENT:
Coursework – 40%
Final examination – 60%

LEVEL: II
SEMESTER 1
COURSE CODE: ENRM 2000
COURSE TITLE: SOIL AND LAND EVALUATION
NUMBER OF CREDITS: 3
PRE-REQUISITES: AGSL 1001 - SOILS AND THE ENVIRONMENT
COURSE DESCRIPTION: The course reviews the process of soil formation and highlights the roles of soil forming factors on the properties of the soil profile. The relationship between soil properties and ecology of soils is discussed. A review of the many methods of surveying is conducted and remote sensing systems such as satellite imagery and aerial photography are described. The application of GIS is discussed as a management tool in data processing. Techniques for conducting land surveys are described and the various land evaluation systems are reviewed. This course will be examined by two in-course examinations, field and laboratory practicals and an end of semester exam.
ASSESSMENT:
Coursework – 40%
Final examination – 60%
| LEVEL: II | LEVEL: II |
| SEMESTER: 1 | SEMESTER: 2 |
| COURSE TITLE: FOREST RESOURCE MANAGEMENT | COURSE TITLE: WILDLIFE RESOURCES AND MANAGEMENT |
| NUMBER OF CREDITS: 3 | NUMBER OF CREDITS: 3 |
| PRE-REQUISITES: ENRM 1001 - INTRODUCTION TO ENVIRONMENTAL MANAGEMENT | PRE-REQUISITES: ENRM 1001 – INTRODUCTION TO ENVIRONMENTAL AND NATURAL RESOURCE MANAGEMENT |
| COURSE DESCRIPTION: This course introduces the student to forestry, basic forest science and the relevant basic general scientific principles. It will be delivered through lectures and discussion of case studies, and the concepts will be explained and relevant problems related to them solved in class. The course will be examined by a field trip report, a group project report and a final exam. | COURSE DESCRIPTION: Animal species of importance in the Neo-tropics with the exception of the turkey (Melagris gallapavo) and the Muscovy duck (Cairina moschata) are introduced. The focus on neo-tropical animal biodiversity and management in this course is necessary to sustainably evaluate, conserve and utilize indigenous species. Neo-tropical animal wildlife resources and management is a unique course which combines geography, physiogeography and culture to identify and manage neo-tropical animal biodiversity. Through this course, students will be exposed to a diverse range of neo-tropical animals and innovative sustainable management strategies. Some Neotropical animal species like the leather back turtle will used to demonstrate the importance of conservation management. This course will be delivered by means of lectures, slides and videos, and also seek to enhance student participation via discussions on key issues. Students will be examined based on field trip reports, the slide session and questionnaire, project presentations, project write-up and a final examination. |
| ASSESSMENT: Coursework – 40% Final examination – 60% | ASSESSMENT: Coursework – 40% Final examination – 60% |
LEVEL: II
SEMESTER: 2
COURSE CODE: ENRM 2004
COURSE TITLE: ENVIRONMENTAL MICROBIOLOGY AND ECOLOGICAL HEALTH
NUMBER OF CREDITS: 3
PRE-REQUISITES: ENRM 1004 – ECOLOGY AND MICROBIOLOGY
COURSE DESCRIPTION: This course introduces students to the diversity of microbial populations and their diverse roles in the various environments, the interactions of microorganisms with the environment and impact on ecological health. It covers topics on biosynthesis, energetic, population and community dynamics, attributes of indicator organisms, water microbiology, soil microbiology, air microbiology, microorganisms in extreme environment, waste water and solid waste treatments, biodegradation, pollution, bioremediation and engineering microorganisms to produce fuel. Techniques for characterizing microorganisms and investigating microbial processes will also be discussed. The course will be delivered in a blended format and examined by a laboratory practical and examination, in course examination and final examination.
ASSESSMENT:
Coursework – 40%
Final examination – 60%

LEVEL: III
SEMESTER: 1
COURSE CODE: ENRM 3000
COURSE TITLE: NATURAL RESOURCE ECONOMICS AND ASSESSMENT
NUMBER OF CREDITS: 3
PRE-REQUISITES: ENRM 1001 – INTRODUCTION TO ENVIRONMENTAL AND NATURAL RESOURCE MANAGEMENT AND ENRM 1002 – INTRODUCTION TO ENVIRONMENTAL AND NATURAL RESOURCE ECONOMICS
COURSE DESCRIPTION: Human beings now face the challenge of sustainable development, as the world’s population is increasing rapidly, and per-capita demands for goods and services are increasing, while in most cases, per-capita supply of natural resources is declining. Environmental and natural resource economics seeks to understand the relationship between man, the economy and the natural environment, especially in terms of the flow of waste into the environment, and how that affects the availability of natural resources for now and in the future. Social justice issues will also be considered. This course explores the role of prices in decision making by individuals, and shows how economic theory can be applied to solve existing and emerging environmental and natural resource problems. Students will also be introduced to the fundamentals of environmental impact assessment. This course will also show the potential role of the individual, firm, region or country in exacerbating environmental problems, and the possible solutions that may be applied to overcome these problems. This information will be useful for environmental managers in different positions, as a government policy maker, or as a manager in a private firm or non-governmental institution. This course will be delivered in a blended format and examined by project, in-course examination and final examination.
ASSESSMENT:
Coursework – 40%
Final examination – 60%
LEVEL: III
SEMESTER: 2
COURSE CODE: ENRM 3001
COURSE TITLE: SUSTAINABLE WATERSHED MANAGEMENT
NUMBER OF CREDITS: 3
PRE-REQUISITES: ENRM 1001 – INTRODUCTION TO ENVIRONMENTAL AND NATURAL RESOURCE MANAGEMENT
COURSE DESCRIPTION: The Sustainable Watershed Management (SWM) course is designed to equip students with the principles of managing human impacts on watersheds and water resources. It is also aimed at providing students with an understanding of the interrelationships among key elements within a watershed; land-use, soil, water and people including social justice issues. The course adopts an interdisciplinary approach intended to prepare students for problem solving at the watershed scale with the relevant knowledge of engineering, biology, hydrology, physics and chemistry. This course will be delivered through lectures and discussion of case studies. The concepts will be explained and relevant problems related to the concepts solved in class. Students are encouraged to participate in class work by contributing to in-class discussions and by asking and answering questions. The course will be examined by a field trip report, a group project report and a final exam.
ASSESSMENT:
Coursework – 40%
Final examination – 60%

LEVEL: III
SEMESTER: 2
COURSE CODE: ENRM 3002
COURSE TITLE: ANTHROPOGENIC CLIMATE CHANGE MANAGEMENT
NUMBER OF CREDITS: 3
PRE-REQUISITES: ENRM1002 - INTRODUCTION TO ENVIRONMENTAL MANAGEMENT
COURSE DESCRIPTION: The course highlights the most significant aspects of climate change dynamics with emphasis on local and regional implications for sustainable management of primarily biological resources at a national and international level. Basic principles of climatology and atmospheric dynamics will be presented and the greenhouse effect will be discussed. Sources of greenhouse gases (GHG) and contributions to total emissions will be discussed along with recommendations on mitigation strategies to reduce their emissions. The vulnerability of the agricultural sector, the forests and water resources sectors to climate change will be addressed and their potential adaptation strategies discussed. The socio-economic factors impacting on the implementation of mitigation and adaptation strategies to climate change will be discussed and the evolution of climate change related international laws and treaties will be reviewed. This course will be delivered via lectures and examined by an in-course test, a project report and a final examination
ASSESSMENT:
Coursework – 40%
Final examination – 60%
LEVEL: I
SEMESTER: 2
COURSE CODE: ENTI 1001
COURSE TITLE: INTRODUCTION TO ENTREPRENEURSHIP, CREATIVITY AND PROBLEM SOLVING
NUMBER OF CREDITS: 3
PREREQUISITES: NONE
COURSE DESCRIPTION: Good ideas alone are not adequate for the success of an entrepreneur in today's competitive environment. This course is designed to provide learners with an introduction to the process of business development. Learners will cover steps toward building a business, idea generation, launching a business venture as well as managing and expanding a business enterprise. The course presents learners with theory of different types of business organizations such as sole proprietorship, partnership and limited liability companies and cooperatives. Learners will review procedures and preparation of documents required for the registration and incorporation of a business under the Companies Act of their respective countries and rules and regulations for business operations throughout CARICOM member states. The course also provides an introduction to financial, organizational and human resource management, marketing, market research, business communication and product development. Learners will conclude the course by conducting a practical exercise such as the simulation of registration of a business name under the Companies' Act of their respective country which would be assessed during oral presentations. The course will be delivered via lectures, tutorials and discussions, and will be examined based on project reports, portfolios, simulations, demonstrations, role playing, research and presentations and a final examination.
ASSESSMENT:
Coursework – 40%
Final examination – 60%

LEVEL: II
SEMESTER: 1
COURSE CODE: ENTI 2000
COURSE TITLE: ICT APPLICATIONS FOR BUSINESS
NUMBER OF CREDITS: 3
PREREQUISITES: None
COURSE DESCRIPTION: This course is designed to provide learners with a theoretical overview and practical application of the integrated software packages and computer applications used in operating a business. It focuses on the need for a technology driven approach and the use of Information and Communication Technology (ICT) to assist businesses in developing competitive products, managing enterprises effectively and capturing lucrative markets. In the practical component of the course, learners will apply business principles to develop information packages along the lines of one's business ideas.
ASSESSMENT:
Coursework: 40%
Final Examination: 60%

LEVEL: II
SEMESTER: 1
COURSE CODE: ENTI 2001
COURSE TITLE: INTRODUCTION TO INNOVATION AND DECISION MAKING
NUMBER OF CREDITS: 3
PREREQUISITES: None
COURSE DESCRIPTION: This course is designed to provide students with knowledge needed to create, modify and capitalize on new market opportunities by idealizing concepts of innovation and technology. Students will be able to understand and apply innovative techniques to different aspects of a business driven environment and furthermore, manage innovation change.
ASSESSMENT:
Coursework: 40%
Final Examination: 60%
LEVEL: II
SEMESTER: 2
COURSE CODE: ENTI 2002
COURSE TITLE: ENTREPRENEURIAL BUSINESS PLANNING
NUMBER OF CREDITS: 3
PREREQUISITES: NONE
COURSE DESCRIPTION: This course is designed to provide students with the knowledge needed to create a strategic business plan for a new business. Students will have the opportunity to think through competitive challenges and to work through the models and ideas in the course and to develop an innovative plan. Without a solid strategic plan, a business would have no direction or objectives. At the end of this course, students will be able to develop a proper, realistic and competitive strategic business plan.

ASSESSMENT:
Coursework: 40%
Final Examination: 60%

LEVEL: II
SEMESTER: 1
COURSE CODE: ENTI 2003
COURSE TITLE: ENTREPRENEURIAL LAW
NUMBER OF CREDITS: 3
PREREQUISITES: NONE
COURSE DESCRIPTION: This course is designed to provide students with the foundation and insight on laws and regulations related to entrepreneurship. There are many legal issues that may arise in setting up and running a new business, bringing a product to market, and financing the venture. Entrepreneurship Law presents students with the fundamental knowledge needed to legally manage an enterprise. Entrepreneurship Law is essential to any entrepreneur as it presents problems and solutions to realistic situations one might encounter when starting up a new business.

ASSESSMENT:
Coursework: 40%
Final Examination: 60%

LEVEL: III
SEMESTER: 1
COURSE CODE: ENTI 3000
COURSE TITLE: EXPORT MARKET CASE STUDIES AND PRACTICE
NUMBER OF CREDITS: 3
PREREQUISITES: ENTI 2002 ENTREPRENEURIAL BUSINESS PLANNING
COURSE DESCRIPTION: This course provides learners with the knowledge, skills and attitude required for trading with foreign countries. The basic marketing concepts applicable to International Trade are explored. Learners are taught to design, develop, implement, monitor and evaluate export marketing plans. Case studies are used extensively in this course. Topics include internal marketing, market research, internal pricing policies, regulations, trade database, transport logistics, procedures and regulations, international marketing terminologies.

ASSESSMENT:
Coursework: 40%
Final Examination: 60%

LEVEL: III
SEMESTER: 1
COURSE CODE: ENTI 3002
COURSE TITLE: CASE STUDIES IN ENTREPRENEURSHIP
NUMBER OF CREDITS: 3
PREREQUISITES: ENTI 2002 ENTREPRENEURIAL BUSINESS PLANNING
COURSE DESCRIPTION: In this course, learners will develop an in-depth understanding of entrepreneurship, the entrepreneur’s behaviour and entrepreneurial process in a way that supports their future careers as businesspersons. Multiple readings comprising of scholarly articles, case studies and other documentations covering practical and theoretical perspectives of practicing entrepreneurs will be used in the course. Learners will be engaged in a focused mode of entrepreneurial thinking and business problem solving, all of which are reflective of the business environment. Case Studies in Entrepreneurship would include 50% local and regional content. In addition, the role of gender, youth, ethnicity, family and religion will be examined.

ASSESSMENT:
Coursework: 40%
Final Examination: 60%
LEVEL: I
SEMESTERS: 1 & 2
COURSE CODE: FOUN 1101
COURSE TITLE: CARIBBEAN CIVILISATION
NUMBER OF CREDITS: 3
PREREQUISITES:
COURSE DESCRIPTION: (NOT for Humanities students)
Objectives:
1. To develop an awareness of the main process of cultural development in Caribbean societies, highlighting the factors, the problematics and the creative output that have fed the emergence of Caribbean identities.
2. To develop a perception of the Caribbean as wider than island nations or linguistic blocs.
3. To stimulate student's interest in, and commitment to Caribbean civilization and to further their self-definition.
Modules:
1. Origins
   I Caribbean space/ physical environment/ Amerindian peoples and Cultures: their legacy.
   II European conquest, settlement and demographic changes.
2. Fighting for Freedom
   I Slavery, marronage and rebellion.
   II New in/out- migration, indenture, and their consequences: 19th and 20th centuries.
3. Quest for Identity
   I Race and nationalism.
   II Independence, dependence and regionalism.
   III Creolisation and ethnic identity.
4. Ideas, Ideologies and Theologies
   I Education/religion in the Caribbean.
   II Caribbean Intellectual Traditions.
5. Caribbean Expressions
   I Caribbean music - Calypso, Reggae.
   II Caribbean festivals.
   III Sports.
   IV Caribbean voices - French, English, Spanish, Linguistic Identity.
ASSESSMENT:
In-course test 40%
Final 2-hour examination 60%

LEVEL: I
SEMESTER: 2
COURSE CODE: FOUN 1105
COURSE TITLE: ACADEMIC WRITING FOR DIFFERENT DISCIPLINES (OPTION C)
NUMBER OF CREDITS: 3
PREREQUISITES:
COURSE DESCRIPTION: The aim of this course is to develop students writing skills in areas related to their academic disciplines. There will be twenty-four (24) contact hours. Classroom activity will be supplemented by printed materials.
Option C
Scientific and Technical Writing (Compulsory for FSA Students)
Technical Description
Expository Writing for Scientific and Technical Purposes
ASSESSMENT:
Coursework 50%
Final Examination 50%
Students must pass both coursework and final examination in order to qualify for an overall pass in the course.
* Highly recommended for students in the Faculty of Science & Agriculture.
Attendance Regulation:
A student in any of the Foundation courses in English Language who misses two (2) out of any six (6) class hours will be warned, and after two warnings any further absence without prior permission or an acceptable medical certificate will result in automatic exclusion from the examination.

FOUN 1210 Not offered to FSA Students.
LEVEL: I
SEMESTERS: 1 & 2
COURSE CODE: FOUN 1301
COURSE TITLE: LAW, GOVERNANCE, ECONOMY AND SOCIETY (UNIVERSITY FOUNDATION COURSE) (FACULTY OF SOCIAL SCIENCES)
NUMBER OF CREDITS: 3
PREREQUISITES:
COURSE DESCRIPTION: This course is delivered through the medium of print. The print package comprises a student manual, a study guide and a reader. In addition to the print material there are teleconferencing and/or tutorials. The course introduces students to some of the major institutions in Caribbean society. It exposes the student to both the historical and contemporary aspects of Caribbean society, including Caribbean legal, political and economic systems. In addition, Caribbean culture and Caribbean social problems are discussed. Assessment is based solely on a final examination at the end of the semester. It consists of twelve (12) essay-type questions, of which students are required to write on three (3). All questions carry equal marks. The examination is divided into four (4) sections corresponding to the four (4) subject areas in the course. Students are not allowed to do more than one question in any one section.

SEMINER: 2
COURSE CODE: GEOG 1132
COURSE TITLE: HUMAN GEOGRAPHY 2: WORLD ECONOMY, AGRICULTURE & FOOD
NUMBER OF CREDITS: 3
PREREQUISITES: CAPE GEOGRAPHY OR ENVIRONMENTAL SCIENCE OR EQUIVALENT
COURSE DESCRIPTION: The course introduces modern approaches to Economic Geography. It examines economic development and globalization as key elements in understanding the economic interdependence of countries in the modern world. It introduces basic theories, concepts, methods and techniques for describing, measuring and analyzing patterns of economic and social development. It explains the factors that have contributed to uneven patterns of economic development, including natural resource endowments and the processes of industrialization, technological change and globalization. The study of the economic geography of agriculture and the food industry illustrates many issues arising from the process and outcomes of economic development and globalization. These include the role of agribusiness in food production and food consumption and the impacts of traditional and modern agricultural production systems on the environment. The course explores the geographical dimensions of world hunger and malnutrition in relation to the structure of the world economy and world agriculture, and considers prospects for future agricultural development.

ASSESSMENT:
Coursework 40%
Examination 60%

LEVEL: I
SEMESTER: 1
COURSE CODE: GEOG 1131
COURSE TITLE: HUMAN GEOGRAPHY 1: POPULATION, MIGRATION & SETTLEMENT
NUMBER OF CREDITS: 3
PREREQUISITES: CAPE GEOGRAPHY OR ENVIRONMENTAL SCIENCE OR EQUIVALENT
COURSE DESCRIPTION: This course introduces modern approaches to the study of Population Geography. It examines the human and physical factors determining population distribution and dynamics, theories of population change including Malthusian and neo-Malthusian ideas and the demographic transition theory. It explains the sources of, and problems associated with population statistics, how to measure fertility, mortality and migration and population projection techniques. It also discusses family planning and population control efforts around the world, the status of women and its crucial role in population dynamics, major causes of death around the world including AIDS, the role of migration in population dynamics, culture, population and the environment. The course also introduces historical and contemporary perspectives on urbanization both in the industrialized world and the developing world and reviews theories on the geographical distribution of human settlement.

ASSESSMENT:
Coursework 40%
Examination 60%
SEMESTER 1
COURSE CODE: GEOG 1231
COURSE TITLE: EARTH ENVIRONMENTS 1: GEOMORPHOLOGY & SOILS
NUMBER OF CREDITS: 3
PREREQUISITES: CAPE GEOGRAPHY OR ENVIRONMENTAL SCIENCE OR EQUIVALENT

COURSE DESCRIPTION: The course introduces modern approaches to an introduction to geomorphology and soil science. It examines the main geomorphic processes in the context of endogenic and exogenic systems from a global perspective. The first part of the course is an examination and description of endogenic systems and processes. It examines the internal structure of the Earth and explains the geographic patterns of global relief of the solid surface in the context of plate tectonics. The relationship between global tectonics and the patterns and styles of volcanic activity is discussed. The passive control of rock type and geological structure is described in relation to landscape form and process. The second part of the course examines and describes the main exogenic systems and processes. The geographical patterns and types of weathering are discussed and the products of the physical disintegration and chemical decomposition of rocks are examined. The course introduces aspects of soil science from a geographical perspective through an examination of the main soil forming factors, and analysis of soil physical; and chemical processes. Key soil types are described and the several approaches to the classification of soils are examined. Exogenic systems in relation to the main geomorphic agents of water, wind and ice are introduced in the context of fluvial, slope, aeolian, karst, coastal, glacial and periglacial systems. The course provides a solid framework for students to advance to Level II and III courses in geomorphology and landform change.

ASSESSMENT:
Coursework 40%
Examination 60%

SEMESTER 2
COURSE CODE: GEOG 1232
COURSE TITLE: EARTH ENVIRONMENTS 2: CLIMATE & THE BIOSPHERE
NUMBER OF CREDITS: 3
PREREQUISITES: CAPE GEOGRAPHY OR ENVIRONMENTAL SCIENCE OR EQUIVALENT

COURSE DESCRIPTION: This course adopts a modern holistic approach to the study of the Earth system. It introduces climate science and examines the processes operating within the atmosphere and biosphere including general circulation of the atmosphere, ocean-atmosphere interactions and global climate systems. It places particular emphasis on the impacts and consequences of human-environment interactions. Students will gain an understanding of the spatial and temporal variability of these processes on local, regional and global scales. The course will examine the primary causes, both natural and human, and consequences of climate change and the impact of a changing climate for communities both within and outside the Caribbean Region. Particular emphasis is placed on the impacts of climate change on the biosphere as well as their implications for agricultural systems. The course also introduces the study of biogeography, focusing on the geographical features of biodiversity at different geographical scales and reviews ideas about ecosystem processes and vegetation disturbance and succession.

ASSESSMENT:
Coursework 40%
Examination 60%
LEVEL: II
SEMESTER: 1
COURSE CODE: GEOG 2010
COURSE DESCRIPTION: GEOGRAPHIC INFORMATION SYSTEMS
NUMBER OF CREDITS: 3
PREREQUISITES: (GEOG 1131, GEOG 1132, GEOG 1231 & GEOG 1232) OR (GEOG 1900 & GEOG 1901)
NOT AVAILABLE TO STUDENTS CREDITED WITH GEOG 2000
COURSE DESCRIPTION: The course introduces students to the theory and general principles of GIS, and to practical skills and hands-on experience in its use. It teaches the fundamental concepts and basic functions of a GIS, the properties of GIS maps, and the structure of a GIS database. It introduces coordinate systems and map projections, and methods of performing simple vector and raster spatial analysis. In the lab exercises, students will work with ESRI ArcGIS software to visualize geographic data, create maps, query a GIS database, perform spatial analysis using common analysis tools, and solve geographic problems using a systematic approach. The course comprises of lectures and practicals. Lectures introduce some of the theory behind GIS, and give an overview of some of the methods. In the practicals, students use GIS software for a range of tasks, using a range of data sources.
ASSESSMENT:
Coursework 60%
Examination 40%

LEVEL: II
SEMESTER: 1
COURSE CODE: GEOG 2011
COURSE DESCRIPTION: GEOMORPHOLOGY
NUMBER OF CREDITS: 3
PREREQUISITES: (GEOG 1231 & GEOG 1232) OR GEOG 1900
NOT AVAILABLE TO STUDENTS CREDITED WITH GEOG 2002
COURSE DESCRIPTION: The course builds on the first year physical geography courses and examines modern approaches to the analysis and interpretation of geomorphic processes and landforms. It examines the main geomorphic processes and provides an in-depth examination of geomorphology in tropical settings. The first part of the course is an examination of sedimentary dynamics and their variation in time and space. In depth analysis of weathering, mass movement, fluvial, aeolian and coastal processes follows, with an emphasis on these processes in the tropical realm. Detailed consideration is given to the relationship between surface materials and landforms, and the measurement of features in the field and from remote sensed sources. There is a strong practical component. You are expected to be proficient at techniques studied in year 1, such as the use of Google Earth.
ASSESSMENT:
Coursework 50%
Examination 50%
LEVEL: II
SEMESTER: 1
COURSE CODE: GEOG 2105
COURSE DESCRIPTION: GEOGRAPHIES AND DIS COURSES OF DEVELOPMENT
NUMBER OF CREDITS: 3
PREREQUISITES: (GEOG 1131 & GEOG 1132) OR GEOG 1901
NOT AVAILABLE TO STUDENTS CREDITED WITH GEOG 2008
COURSE DESCRIPTION: A geographical understanding of the global political economy requires a thorough comprehension of the way policies and discourses of economic development have affected and are affecting societies and environments at various scales (local, national, regional, global) within and between rich and poor countries. Critical awareness of development processes must also incorporate localized understandings of people-environment interactions, posing 'development' as a contested, social and ecological process rather than an objective economic strategy. The course is organized in three sections, with the first section dealing with general theoretical issues, the second with more detailed theories (of rural development, for example) and the final section with case studies. It fits with the mission of the University of the West Indies in providing a forum for the development of oral and written knowledge skills and in its focus on alternative approaches to economic and sustainable development. The course also fits well with the goals of the Department of Geography as it develops perspectives on human-environment relations, particularly challenges and opportunities for Small Island Developing (SIDs) countries.
ASSESSMENT:
Coursework 40%
Examination 60%

LEVEL: II
SEMESTER: 2
COURSE CODE: GEOG 2016
COURSE DESCRIPTION: INTRODUCTION TO URBAN GEOGRAPHY
NUMBER OF CREDITS: 3
PREREQUISITES: (GEOG 1131 & GEOG 1132) OR GEOG 1901
NOT AVAILABLE TO STUDENTS CREDITED WITH GEOG 2007
COURSE DESCRIPTION: Introduction to Urban Geography provides students with: the foundation of concepts, terms, and themes essential to the study of advanced Urban Geography; opportunities to recognize and investigate the complexity of city forms and city life; and the space to reflect critically on the seeming neutrality of the built urban form and processes. You will develop both a theoretical understanding of how urban processes shape your everyday social worlds as well as practical knowledge of what you can do to shape your urban environment. Although this course mainly uses North American and British-derived frameworks and case-studies, students are encouraged to apply a Caribbean lens to frameworks and theories, to consider the limitations of contemporary urban theory from a predominantly "global north" perspective, and to re-imagine and re-theorize from local and regional perspectives and contexts. There will be opportunities throughout the course for you to interrogate "the urban", explore issues and examine solutions, and to consider critically the applicability of theories and concepts to the "global south" generally, and the Republic of Trinidad and Tobago particularly.
ASSESSMENT:
Coursework 60%
Examination 40%
LEVEL: II  
SEMESTER: 2  
COURSE CODE: GEOG 2013  
COURSE DESCRIPTION: GEOGRAPHY RESEARCH METHODS  
NUMBER OF CREDITS: 3  
PREREQUISITES: (GEOG 1131, GEOG 1132, GEOG 1231 & GEOG 1232) OR (GEOG 1900 & GEOG 1901)  
COURSE DESCRIPTION: The course aims to provide some basic knowledge of key aspects of the history and philosophy of geographical enquiry, and to provide the theoretical and practical skills required to develop and conduct a research project in geography. These aims are achieved through providing training in the application of geographical research methods and techniques, data collection, data and statistical analysis, and the technical presentation of results. The course includes how to define a research topic, how to identify relevant literature, how to prepare a research proposal, and how to present data. Practical classes and assignments will equip students with the skills to conduct qualitative and quantitative research. By the end of the course, students should be familiar with the main conceptual and organizational issues that they will face in conducting research projects.  
ASSESSMENT:  
Coursework 100%

LEVEL: II  
SEMESTER: 2  
COURSE CODE: GEOG 2014  
COURSE DESCRIPTION: GEOGRAPHIES OF FOOD  
NUMBER OF CREDITS: 3  
PREREQUISITES: (GEOG 1131 & GEOG 1132) OR GEOG 1901  
NOT AVAILABLE TO STUDENTS CREDITED WITH GEOG 2006  
COURSE DESCRIPTION: An understanding of the political economic, socio-cultural and environmental factors that influence the pathways of food is essential for economic geographers, perhaps especially for those interested in the Caribbean and other plantation-based societies. The course aims to provide a framework for the analysis of geographic factors which influence the location and distribution of agricultural activity and food marketing and consumption, with specific reference to the tropics. A key issue will be the role of historical, political economic and socio-cultural factors as geographic variables in agricultural production, marketing and consumption in the Caribbean region. The course will provide a holistic view of agricultural and rural history and development, which will complement other geography courses which offer a Caribbean focus. The course is divided into three parts. Part I covers the political economy of food in the Caribbean, as shaped by earlier patterns of plantation economies. Part II offers several case studies of food, politics, economy, history and culture in the Caribbean, including a discussion of dependencies on the International Monetary Fund (Jamaica) and agroecological shifts in Cuba. The final part of the course shifts to ideological and environmental implications of the global food regime.  
ASSESSMENT:  
Coursework 60%  
Examination 40%
LEVEL: II
SEMMESTER: 2
COURSE CODE: GEOG 2017 (NOT OFFERED IN 2014/15)
COURSE DESCRIPTION: GEOPOLITICS AND POLITICAL GEOGRAPHY
NUMBER OF CREDITS: 3
PREREQUISITES: (GEOG 1131 & GEOG 1132) OR GEOG 1901
COURSE DESCRIPTION: This course focuses on strategic and political implications of ongoing trends in global political and economic arenas including conflicts over commodities and natural resources such as natural gas, crude oil, gold, bauxite, illegal drugs to quote only a few. GEOG 2017 takes a geographical approach to geopolitics, looking at regional trends. North Atlantic countries’ foreign policies and BRIC’s recent arrival in the global geopolitics game are discussed (focus on world regions, etc.). While the course is globally comprehensive, special attention will be given to current sites of geo-political tension. Maps will be used extensively for both descriptive and analytical purposes.

ASSESSMENT:
Coursework 50%
Examination 50%

LEVEL: II
SEMESTER: 3 (SUMMER)
COURSE CODE: GEOG 2018 (NOT OFFERED IN 2014/15)
COURSE DESCRIPTION: GEOGRAPHY RESIDENTIAL FIELD SCHOOL (TOBAGO)
NUMBER OF CREDITS: 3
PREREQUISITES: (GEOG 1131, GEOG 1132, GEOG 1231 & GEOG 1232) OR (GEOG 1900 & GEOG 1901)
COURSE DESCRIPTION: This course provides students with an opportunity to gain an in-depth knowledge of the physical and human geography of Tobago, the smaller of the two islands which make up the Republic of Trinidad and Tobago, and, through practical field-based examples, introduces students to issues in environmental management. Tobago possesses a wealth of human and physical geography field examples and is relatively self-contained, making it ideal for a residential field course. Students will embark on an integrated programme of intensive fieldwork, testing different research techniques and undertaking small, self-contained research projects. It provides the opportunity to further enhance individual project work.

LEVEL: III
SEMESTER: 1
COURSE CODE: GEOG 3111
COURSE TITLE: NATURAL HAZARDS
NUMBER OF CREDITS: 3
PREREQUISITES: (GEOG 1231 & GEOG 1232) OR GEOG 1900
NOT AVAILABLE TO STUDENTS CREDITED WITH GEOG 3007
COURSE DESCRIPTION: The course introduces students to the concepts of risk and hazard, and reviews recent theoretical work on human response to hazard and disaster, such as Blaikie’s Access and Pressure:Release models and Hewitt’s Temporal Sequence model. Using this theoretical background it reviews a range of natural hazards operating of different spatial and temporal scales, including geological (volcanoes, earthquakes), hydrological (floods), climatological (drought, hurricanes) and biological (diseases, epidemics), and examines the possible changes to risk under climate and sociological change. Emphasis throughout is on the use of appropriate technology and social structures to mitigate hazard impact. Delivery of the course is primarily through a series of lectures and seminars, assessed by examination and presentation/essays. Emphasis in the coursework will be placed on the recovery, synthesis and presentation of scientific information.

ASSESSMENT:
Coursework 40%
Examination 60%
LEVEL: III
SEMESTER: 1
COURSE CODE: GEOG 3113
COURSE TITLE: REMOTE SENSING & GIS
NUMBER OF CREDITS: 3
PREREQUISITES: GEOG 2010 OR GEOG 2000
NOT AVAILABLE TO STUDENTS CREDITED WITH GEOG 3005
COURSE DESCRIPTION: The course introduces students to the theory and principles of environmental remote sensing, the analysis of remote sensing imagery, and its integration with Geographical Information Systems (GIS). The course builds strongly on the second-year course GEOG 2010 Geographical Information Systems, and introduces students to more advanced data handling techniques and spatial analysis methods. Students gain practical skills and hands-on experience in the analysis of remote sensing imagery using open-source GIS software tools. A variety of applications of remote sensing are introduced, including the assessment of vegetation, land degradation, deforestation, desertification and urbanisation. Remote sensing is a key source of data for the environmental sciences and proficiency in its use is regarded as a key skill for a modern geography graduate.
ASSESSMENT:
Coursework  60%
Examination  40%

LEVEL: III
SEMESTER: 1
COURSE CODE: GEOG 3114
COURSE TITLE: GEOGRAPHIES OF MIGRATION AND SETTLEMENT
NUMBER OF CREDITS: 3
PREREQUISITES: (GEOG 1131 & GEOG 1132) OR GEOG 1901
COURSE DESCRIPTION: This course builds on Human Geography I (GEOG 1131), Population Geography. It takes an in-depth look at migration flows, conditions and debates in source and destination countries, migration as a human right, and migration control and management as expressions of state sovereignty and national identity. The course requires students to read and respond to academic articles, gray literature and policy documents, and news media. The course also gives students an opportunity to view testimonials and films on forms of migration, and offer critical reviews based on the literature and perspectives of different stakeholders. The first part of the course is an overview of trends, patterns, and theories of migration, while the second part of the course is dedicated to analyses and interpretations of migration processes and experiences.
ASSESSMENT:
Coursework  60%
Examination  40%
LEVEL: III  
SEMESTER: 1  
COURSE CODE: GEOG 3115 (NOT OFFERED IN 2014/15)  
COURSE TITLE: GEOGRAPHIES OF EQUALITY AND SOCIAL JUSTICE  
NUMBER OF CREDITS: 3  
PREREQUISITES: (GEOG 1131 & GEOG 1132) OR GEOG 1901  
COURSE DESCRIPTION: The course is designed to provide an advanced understanding of issues introduced in other geography courses offered by UWI, such as relations between discourse, political economy, social justice, borders, space and environment. It draws together elements of theory and practice to present debates about the justice of market-led society, egalitarian and welfare philosophies and their limitations in a world of diversity. The course begins with a discussion of the concept of justice and theories of social justice. Following these discussions, we will examine social justice issues involving such areas as the environment, poverty and hunger, race and ethnicity, gender, sexuality, and disability. The first half of the course introduces mainstream theories of social justice and equality, and considers alternative approaches to economy and society, questioning the viability of such alternatives in a globalized world. The second part questions one's responsibility according to positionality in time and space and in relation to insiders and outsiders. The third part of the course considers the prospects for social and environmental justice from both Western and non-Western perspectives with examples from global and local social movements. The final part uncovers ethical complications of qualitative data collection, particularly the difference between representational and non-representational approaches. The course content and case studies reveal the central contribution that geographers can make to the understanding of equality and social justice in a complex and rapidly changing world.  
ASSESSMENT:  
Coursework  40%  
Examination  60%  

LEVEL: III  
SEMESTER: 1  
COURSE CODE: GEOG 3200  
COURSE TITLE: PLANNING, DEVELOPMENT AND SUSTAINABILITY  
NUMBER OF CREDITS: 3  
PREREQUISITES: GEOG 2016  
COURSE DESCRIPTION: This course introduces theories, concepts and methodologies applied in physical and smart growth planning. It develops an appreciation and understanding of the planning environment, i.e. the socioeconomic, environmental, political and cultural context in which processes of planning and development operate. Planning and development issues are often rooted in contested political, social and ecological processes rather than in objective strategies designed to equitably meet the three pillars of sustainability. These contestations often contribute to disparities in development, marginalization of communities, lack of public participation in the planning decision-making process, unsustainable land uses, enhanced vulnerabilities to man-made and natural disasters and environmental degradation. It also explores present and future developments in smart growth planning and the types of issues that may impact on the sustainable growth and development of global environments. The course is organized in three sections, with the first section dealing with the history, philosophy, and general theories of planning. The second section deals with the planning of human settlements, particularly the development of sustainable liveable communities. The third section looks at planning for the 21st century; potential development issues and the prospects for sustainable planning and development.  
ASSESSMENT:  
Coursework  60%  
Examination  40%
LEVEL: III
SEMESTER: 2
COURSE CODE: GEOG 3116
COURSE TITLE: GEOGRAPHIES OF THE CARIBBEAN
NUMBER OF CREDITS: 3
PREREQUISITES: (GEOG 1131 & GEOG 1132) OR GEOG 1901
NOT AVAILABLE TO STUDENTS CREDITED WITH GEOG 3001
COURSE DESCRIPTION: This course provides a geographically-based intellectual and analytical approach to making sense of the connections within the Caribbean and the challenges posed to the region by an increasingly globalized world. It provides a geographical evaluation of settlement, cultures, resource use, economic structure, and growth problems of selected Caribbean countries and of the region as a whole.
ASSESSMENT:
Coursework 40%
Examination 60%

LEVEL: III
SEMESTER: 2
COURSE CODE: GEOG 3117
COURSE TITLE: ENVIRONMENTAL MODELLING WITH GIS
NUMBER OF CREDITS: 3
PREREQUISITES: GEOG 2010 OR GEOG 2000
NOT AVAILABLE TO STUDENTS CREDITED WITH GEOG 3005
COURSE DESCRIPTION: This course introduces students to the theory and principles of environmental modelling within the context of GIS. The course builds strongly on the second-year course GEOG 2010 Geographical Information Systems and the third-year course GEOG 3113 Remote Sensing and GIS; and introduces students to advanced data handling and spatial analysis methods such as geostatistics. Students gain practical skills and hands-on experience in the use of a variety of environmental models and advanced GIS analysis techniques, using open-source GIS software tools. A variety of applications of environmental modelling are introduced, including the modelling of landslide risk, population dynamics, soil erosion, energy balance, rainfall-runoff and flood inundation. Flood inundation modelling is used as an in-depth example to explore issues in data handling, model uncertainty and accuracy assessment, and risk analysis.
ASSESSMENT:
Coursework 60%
Examination 40%

LEVEL: III
SEMESTER: 2
COURSE CODE: GEOG 3118 (NOT OFFERED IN 2014/15)
COURSE TITLE: QUATERNARY ENVIRONMENTS
NUMBER OF CREDITS: 3
PREREQUISITES: (GEOG 1231 & GEOG 1232) OR GEOG 1900
NOT AVAILABLE TO STUDENTS CREDITED WITH GEOG 3006
COURSE DESCRIPTION: The course aims to introduce students to the history of the earth during the past 2 million years – the Quaternary era. It examines the main changes that have taken place in the terrestrial, oceanic and atmospheric environments. It introduces types of proxy evidence that allow reconstruction of Quaternary environments, and some of the dating techniques which allow them to be placed accurately within a time frame. The subject is pertinent to the study of current climatic changes by identifying the methods and processes of identifying, quantifying and understanding natural and man-made changes on a longer time scale. It builds on geomorphological and meteorological knowledge acquired at Levels 1 and 2.
ASSESSMENT:
Coursework 50%
Examination 50%

LEVEL: III
SEMESTER: 3 (SUMMER)
COURSE CODE: GEOG 3120
COURSE DESCRIPTION: GEOGRAPHY RESIDENTIAL FIELD SCHOOL (INTERNATIONAL)
NUMBER OF CREDITS: 3
PREREQUISITES: (GEOG 1131, GEOG 1132, GEOG 1231 & GEOG 1232) OR (GEOG 1900 & GEOG 1901)
COURSE DESCRIPTION: This course provides students with an opportunity to gain an in-depth knowledge of the physical and human geography of an international study site and, through practical field-based examples, introduces students to issues in environmental management. Many sites in the Caribbean region and beyond possess a wealth of human and physical geography field examples, making them ideal for a residential field course. Students will embark on an integrated programme of intensive fieldwork, testing different research techniques and undertaking small, self-contained research projects. It provides the opportunity to further enhance individual project work skills developed at Levels 1 and 2 and transfers and extends those skills into a group situation.
ASSESSMENT:
Coursework 100%
LEVEL: III
SEMESTER: YEAR LONG
COURSE CODE: GEOG 3110
COURSE DESCRIPTION: GEOGRAPHY RESEARCH PROJECT
NUMBER OF CREDITS: 6
PREREQUISITES: GEOG 2013 OR (GEOG 1900 & GEOG 1901 & HOD APPROVAL)
COURSE DESCRIPTION: The Geography Research Project provides a showcase for each student's accumulated skills and knowledge. It builds on the skills developed in GEOG 2013 (Geography Research Methods) and gives students an opportunity to integrate the skills and knowledge they have developed throughout the course and to engage in independent research of the student’s own choosing. The project module offers students the opportunity to demonstrate the qualities of independence and creativity by the pursuit of a topic of interest at depth. The research process begins with a project proposal, continues with research design and fieldwork, and culminates in a substantive academic presentation and dissertation based on the research findings.
ASSESSMENT:
Coursework 100%

LEVEL: II
SEMESTER: 1
COURSE CODE: HORT 2002
COURSE TITLE: TROPICAL LANDSCAPE PLANT IDENTIFICATION
NUMBER OF CREDITS: 3
PREREQUISITES: AGRI 1016
COURSE DESCRIPTION: Principles of plant nomenclature with special emphasis on landscape plants – the importance and purpose of plant classification. Introductory plant taxonomy. Morphological and anatomical characteristics in classification. The process of field collection to plant identification. Introduction to Caribbean flora – native and introduced species including naturalized and invasive species; legislation governing trade in exotic species; potential as landscape plants – form, environmental requirements, special characteristics and uses e.g. specimen and border plants. Plant selection for specific environments.
ASSESSMENT:
Coursework – 100% of course marks. (Quizzes – 15% (Wk 4, 6, 10); field trips and plant identification – 35% (due Wk 5, 7, 11); project and portfolio – 50% (due Wk. 12);

LEVEL: II
SEMESTER: 1
COURSE CODE: HORT 2001
COURSE TITLE: PEOPLE-PLANTS RELATIONSHIPS
NUMBER OF CREDITS: 3
PREREQUISITES: NONE
ASSESSMENT:
Coursework (60%) – Research paper – 15 % (due Wk. 5); Field study - 15 %; (due Wk. 9); Project (group) - 30% (due Wk. 13);
Final Examination - 40%

LEVEL: III
SEMESTER: 1
COURSE CODE: HORT 3001
COURSE TITLE: AMENITY AND SPORTS TURFGRASS MANAGEMENT
NUMBER OF CREDITS: 3
PREREQUISITES: AGRI 1016; AGSL 1001; VART 2040; LDSP 1000
ASSESSMENT:
Coursework 60%
Final Exam 40%
LEVEL: III  
SEMESTER: 2  
COURSE CODE: HORT 3002  
COURSE TITLE - LANDSCAPE HORTICULTURE  
NUMBER OF CREDITS: 3  
PREREQUISITES: AGRI 1016; AGSL 1001; HORT 2002; LDSP 1000  
COURSE DESCRIPTION: Site analysis. Sustainable landscaping with plants - environmental. Engineering, architectural, aesthetic functions. Selection criteria. Best practices for establishing herbaceous and woody landscape plants – nursery stock specifications, quality criteria, handling; land preparation for flat and sloping sites – land formation, water control, tillage, soil amendment; spacing and lining; hole preparation and planting; staking; training; post-planting care. Best practices for maintenance of plants in the landscape - water, nutrition, pest, disease and weed management; pruning – formation, height control; pre- and post-hurricane management. Reading and interpreting landscape plans and specifications; proposals for installation and maintenance; maintenance schedules.  
ASSESSMENT:  
Coursework 60%  
Final Exam 40%

LEVEL: I  
SEMESTER: 1  
COURSE CODE: HUEC 1003  
COURSE TITLE: INTRODUCTION TO NUTRITION  
NUMBER OF CREDITS: 3  
PREREQUISITES: NONE  
ASSESSMENT:  
Coursework 40%  
Final Examination 60%

LEVEL: I  
SEMESTER: 2  
COURSE CODE: HUEC 1004  
COURSE TITLE: INTRODUCTION TO FOODS AND MEAL MANAGEMENT  
NUMBER OF CREDITS: 3  
PREREQUISITES: NONE  
COURSE DESCRIPTION: Principles involved in preparation of food of standard quality. Influence of composition and techniques on properties of food products. Standard methods of food preparation with emphasis on quality, nutrient retention and safety. At least one field trip is scheduled for this course.  
ASSESSMENT:  
Coursework - Practical & Theory 40%  
Final Examination 60%

LEVEL: I  
SEMESTER: 2  
COURSE CODE: HUEC 1005  
COURSE TITLE: INTRODUCTION TO BIOSTATISTICS  
NUMBER OF CREDITS: 3  
PREREQUISITES: NONE  
COURSE DESCRIPTION: This course covers the principal statistical concepts used in biostatistics. Basic concepts common to all statistical analyses are reviewed, and those concepts with specific importance in biostatistics are covered in detail. The course introduces students to concepts and application of biostatistics methods including descriptive statistics, exploratory data analysis, probability distributions, sampling distributions, estimation and hypothesis testing. Students will develop skills that will enable them to compare means of two groups, proportions of two groups and means and proportions of more than two groups. The course concludes with risk measurement, analysis of variance and Simple Linear Regression. Readings and assignments would complement lectures to assist students in developing basic biostatistics competencies.  
ASSESSMENT:  
Final Examination 60%  
Coursework 40%
LEVEL: I
SEMESTER: 2
COURSE CODE: HUEC 1006
COURSE TITLE: BASIC APPAREL CONSTRUCTION
NUMBER OF CREDITS: 3
PREREQUISITES: NONE
COURSE DESCRIPTION: This course introduces students to the major aspects of apparel production including pattern making methods, and use of the sewing machine. Course includes apparel production terminology and garment construction techniques. Covers data manipulation, drafting a skirt block and creating a complete pattern.

ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: II
SEMESTER: 1
COURSE CODE: HUEC 2001
COURSE TITLE: BASIC HUMAN ANATOMY AND PHYSIOLOGY
NUMBER OF CREDITS: 3
PREREQUISITES: AGRI 1013
COURSE DESCRIPTION: The integration of the sciences of human anatomy, physiology and pathology. Functional anatomy with emphasis on basic principles and physiological activities of the different systems of the human body in health and disease.

ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: I
SEMESTER: 1
COURSE CODE: HUEC 1007
COURSE TITLE: INTRODUCTION TO TEXTILES
NUMBER OF CREDITS: 3
PREREQUISITES: NONE
COURSE DESCRIPTION: Introduction to the structure and properties of textiles. Consumer use and fabric characteristics are emphasized.

ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: II
SEMESTER: 2
COURSE CODE: HUEC 2002
COURSE TITLE: NUTRITION THROUGHOUT THE LIFE CYCLE
NUMBER OF CREDITS: 3
PREREQUISITES: HUEC 1003
COURSE DESCRIPTION: Nutritional requirements for growth and development throughout the life cycle. Analysis of nutrition assessment indicators for each age group. Special consideration to growth standards, maternal weight gain, pregnancy and lactation requirements, eating behaviour of various age and other groups. The physiology of aging as it relates to nutrient adequacy in the mature adult.

ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: II
SEMESTER: 1
COURSE CODE: HUEC 2000
COURSE TITLE: BIOCHEMISTRY
NUMBER OF CREDITS: 3
PREREQUISITES: CHEM 1062 OR EQUIVALENT AND AGRI 1013
COURSE DESCRIPTION: Chemistry of biological compounds: Carbohydrates, lipids, amino and proteins, nucleic acids etc., pH and buffers, metabolism of energy yielding compounds (bioenergetics); internal and hormonal regulation of metabolic pathways; molecular genetics and implications for the future of clinical nutrition practice.

ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: II
SEMESTER: 2
COURSE CODE: HUEC 2003
COURSE TITLE: FOODSERVICE SYSTEMS MANAGEMENT (ORGANISATION, MANAGEMENT AND OPERATIONS)
NUMBER OF CREDITS: 3
PREREQUISITES: HUEC 1004
COURSE DESCRIPTION: The application of Principles of Management to foodservice operations and human resources. Technical and operational aspects in the design of foodservices; including menu planning and evaluation, purchasing, receiving and storage of food and supplies, financial control, inventory control, food delivery and service, sanitation and safety, quality assurance and continuous quality improvement.

ASSESSMENT:
Coursework 40%
Final Examination 60%
LEVEL: II  
SEMESTER: 1  
COURSE CODE: HUEC 2004  
COURSE TITLE: FOODSERVICE SYSTEMS MANAGEMENT  
(EQUIPMENT, LAYOUT AND DESIGN)  
NUMBER OF CREDITS: 3  
PREREQUISITES: NONE  
COURSE DESCRIPTION: Introduction to architectural drawings, symbols and design features; reading and interpreting blue-prints; analysis of layout characteristics; principles of workflow and work simplification; sanitation requirements in layout and design; materials used in construction of facilities and equipment in relation to use and care; environmental elements. Determining equipment requirements and writing specifications; equipment purchasing procedures; utilities and services in relation to selection of equipment; energy control; principles of refrigeration and cooling; operation, use and care of equipment. Approximately three (3) field trips are scheduled for this course.  
ASSESSMENT:  
Coursework 40%  
Final Examination 60%  

LEVEL: II  
SEMESTER: 1  
COURSE CODE: HUEC 2008  
COURSE TITLE: PSYCHOLOGICAL ASPECTS OF APPAREL  
NUMBER OF CREDITS: 3  
PREREQUISITES: NONE  
COURSE DESCRIPTION: A study of the theory and research findings pertaining to the social and psychological aspects and appearance in relation to the self, interpersonal, group and societal behaviour.  
ASSESSMENT:  
Coursework 40%  
Final Examination 60%  

LEVEL: II  
SEMESTER: 2  
COURSE CODE: HUEC 2009  
COURSE TITLE: FAMILY RESOURCE MANAGEMENT  
NUMBER OF CREDITS: 3  
PREREQUISITES: NONE  
ASSESSMENT:  
Coursework 40%  
Final Examination 60%  

LEVEL: II  
SEMESTER: 2  
COURSE CODE: HUEC 2011  
COURSE TITLE: PHYSIOLOGY IN HEALTH AND DISEASE  
NUMBER OF CREDITS: 3  
PREREQUISITES: HUEC 2001  
COURSE DESCRIPTION: This course provides a thorough grounding on the physiological responses and adaptations of the human body in disease states and stressful activity including sports and exercise. Emphasis is given to the interdependence of response mechanisms.  
ASSESSMENT:  
In-course 40%  
Final Examinations 60%  

LEVEL: II  
SEMESTER: 2  
COURSE CODE: HUEC 2012  
COURSE TITLE: NUTRITION ASSESSMENT FOR SPORTS  
NUMBER OF CREDITS: 3  
PREREQUISITES: HUEC 1003  
COURSE DESCRIPTION: Athletes and other physically active persons pose a challenge nutritionally because of the physical demands required to enhance their performance. Nutritionally needs vary according to the intensity, duration and the nature of the physical activity. This course provides the fundamentals for assessing the nutritional needs of physically active person and athletes. Topics include, meal planning for peak performance, development and testing of nutritional assessment and sport and activity questionnaires, computerized dietary analysis, anthropometric methods, techniques in sports nutrition counseling.  
ASSESSMENT:  
In-course 40%  
Final Examinations 60%
LEVEL: II
SEMESTER: 2
COURSE CODE: HUEC 2013
COURSE TITLE: PRINCIPLES OF DIETETICS
NUMBER OF CREDITS: 3
PREREQUISITES: HUEC 1003
COURSE DESCRIPTION: This course provides the fundamental material necessary for understanding concepts taught in Medical Nutrition Therapy I and II. Topics include the history, ethics, practice and terminology for professionals in Nutrition and Dietetics, Nutrition Assessment and Documentation, Nutrient-Drug Interaction, alternative and complementary therapies, and nutrition support in the management of the nutrition care process.

ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: II
SEMESTER: 1
COURSE CODE: HUEC 2014
COURSE TITLE: NUTRITION AND METABOLISM
NUMBER OF CREDITS: 3
PREREQUISITES: HUEC 1003 & AGRI 1013
COURSE DESCRIPTION: The integration and contribution of related scientific disciplines to the study of nutrition. The physiological aspects of nutrition: digestion, absorption, transport and exchange in normal and specialized cells; utilization of the essential nutrients emphasizing regulatory mechanisms at cellular and organ levels; nutrient interrelationships.

ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: II
SEMESTER: 1
COURSE CODE: HUEC 2015
COURSE TITLE: FOOD QUALITY AND SAFETY
NUMBER OF CREDITS: 3
PREREQUISITES: HUEC 1001 AND AGRI 1012
COURSE DESCRIPTION: This course involves a study of food quality components, the factors affecting food quality, food quality and safety management systems, development of food quality assurance strategies, principles of statistical quality and process control, an overview of food safety, risks and benefits, naturally occurring food toxicants, bacteriological problems in foods, moulds and mycotoxins, food additives, pesticides and incidental contaminants.

ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: III
SEMESTER: 1
COURSE CODE: HUEC 3000
COURSE TITLE: FLAT PATTERN DEVELOPMENT
NUMBER OF CREDITS: 3
PREREQUISITE: NONE
COURSE DESCRIPTION: This course introduces basic industrial techniques of pattern making. The principles and procedures governing the development and use of basic slopers, and the use of manual flat pattern methods to develop patterns by varying a master pattern form given or self-designed sketches are covered. Emphasis is on the design process culminating in the designing of original apparel by the flat pattern method.

ASSESSMENT:
Mid-term Examination 15%
Practicals 25%
Final Examination 60%

LEVEL: III
SEMESTER: 1
COURSE CODE: HUEC 3001
COURSE TITLE: COMMUNITY NUTRITION
NUMBER OF CREDITS: 3
PREREQUISITES: HUEC 2002 AND HUEC 2014
COURSE DESCRIPTION: Functions and effectiveness of various community-based nutrition related resources, services and programmes along with government policy and systems that influence them; sociocultural factors affecting nutritional status; evaluation of nutrition education programmes; health promotion; assessment of nutritional status through the identification of major nutrition problems at the local, national and international levels; nutrition surveillance; food and nutrition policy and planning; research.

ASSESSMENT:
Coursework 40%
Final Examination 60%
LEVEL: III
SEMESTER: 2
COURSE CODE: HUEC 3002 (AH33A)
COURSE TITLE: FOODSERVICE SYSTEMS MANAGEMENT (QUANTITY FOODS)
NUMBER OF CREDITS: 3
PREREQUISITES: HUEC 1004
COURSE DESCRIPTION: Standards and methods of quantity food production and management; Experiences and case studies in planning for production, recipe standardization, use of quantity foodservice equipment, nutrient and quality preservation, portion control, merchandising and service, cost calculations, energy management; quality control.
ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: III
SEMESTER: 1
COURSE CODE: HUEC 3004
COURSE TITLE: FOOD PRODUCT DEVELOPMENT
NUMBER OF CREDITS: 3
PREREQUISITES: HUEC 1001
COURSE DESCRIPTION: Application of food science principles and experimental procedures to problems in foods. Practical investigations, experimental techniques leading to experience in developing a product; organizing taste panels for sensory evaluation and acceptance of product; market testing; market research; patents; packaging, labelling; marketing; advertising.
ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: III
SEMESTER: 2
COURSE CODE: HUEC 3006
COURSE TITLE: MEDICAL NUTRITION THERAPY II
NUMBER OF CREDITS: 3
PREREQUISITES: HUEC 2011, HUEC 2013 AND HUEC 2014
COURSE DESCRIPTION: Medical Nutrition Therapy II is a continuation of Medical Nutrition Therapy I, which involves the study of the physiological and biochemical anomalies of disease and the adaptation of the diet in the treatment or prevention of disease: application of the principles and concepts of nutrition therapy to meet nutrient, medical, social and psychological needs of patients. It develops the knowledge base needed to assess, plan, implement, and evaluate the nutrition care process. Topics include nutritional management in disease of the Oral cavity, Digestive system, Upper and Lower Gastrointestinal tract, Liver, Biliary system and Exocrine pancreas, Energy balance and weight control, Endocrine system and Metabolic disorders, Cardio-vascular and Pulmonary disease.
ASSESSMENT:
Coursework 40%
Final Examination 60%
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<th>LEVEL: III</th>
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<tr>
<td>COURSE CODE: HUEC 3007</td>
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<tr>
<td>COURSE TITLE: LAW AND THE FAMILY</td>
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<td>NUMBER OF CREDITS: 3</td>
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<td>PREREQUISITES: NONE</td>
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<td>COURSE DESCRIPTION: Family law, consumer laws and the rights of the consumers with respect to the variety of goods and services offered in the society, such as health, clothing, shelter and the use of leisure without infringing the rights of others. Laws applicable to the processing, packaging, labelling and distribution of food, food safety and nutritive value. Laws of major food regulatory agencies.</td>
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<td>COURSE CODE: HUEC 3008</td>
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<tr>
<td>COURSE TITLE: CHILD DEVELOPMENT</td>
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<td>NUMBER OF CREDITS: 3</td>
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<td>PREREQUISITES: NONE</td>
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<td>COURSE DESCRIPTION: Focus on the physical/motor, intellectual, social and psychological personality aspects of the development of children throughout the life cycle; Stages of infancy; childhood, pre-adolescence and adolescence, and the influences of family, school and society. Topics include theories of brain development, general development trends, physical development at pre-adolescence, the growth spurt, sexual maturation, Piaget's theory of cognitive development, Erikson's stage theory of personality development, Kohler's theory and implications for education; Self-concept development.</td>
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<td>COURSE CODE: HUEC 3009</td>
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<tr>
<td>COURSE TITLE: EQUIPMENT PRINCIPLES</td>
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<td>NUMBER OF CREDITS: 3</td>
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<td>PREREQUISITES: NONE</td>
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<td>COURSE DESCRIPTION: Utilisation of water, electricity and gas for doing work and maintaining health, safety and comfort in the home environment. Selection and use of appliances as related to consumer needs, interests and resources.</td>
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<td>ASSESSMENT:</td>
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<td>Final Examination 100%</td>
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<td>COURSE CODE: HUEC 3012</td>
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<tr>
<td>COURSE TITLE: PROJECT</td>
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<td>NUMBER OF CREDITS: 4</td>
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<td>PREREQUISITE: NONE</td>
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<td>COURSE DESCRIPTION: A project within a subject area relevant to the student's degree option.</td>
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<td>ASSESSMENT:</td>
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<td>Project Report 60%</td>
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<td>In course Assignments 20%</td>
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<td>Oral Presentation 20%</td>
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* See Project Booklet for detailed guidelines

**NOTE:** Students will be examined at the end of the semester in which they are registered
LEVEL: III
SEMESTER: 1
COURSE CODE: HUEC 3013
COURSE TITLE: ADVANCED APPAREL DESIGN AND CONSTRUCTION
NUMBER OF CREDITS: 3
PREREQUISITES: HUEC 1006
COURSE DESCRIPTION: Principles of advanced techniques for apparel construction with emphasis on new, difficult to handle fabrics.

ASSESSMENT:

LEVEL: III
SEMESTER: 1
COURSE CODE: HUEC 3014
COURSE TITLE: NUTRITION IN SPORTS AND FITNESS
NUMBER OF CREDITS: 3
PREREQUISITES: HUEC 1003 AND HUEC 2001
COURSE DESCRIPTION: This course will provide a basic grounding in human nutrition as it relates to sport and physical activity. Topic will include; brief history of nutrition and exercise, philosophy of sports nutrition, overview of the physiology and biochemistry of exercise, carbohydrate, lipid and protein metabolism during exercise, water and electrolyte balance during exercise, determination of body composition and energy expenditure in athletes, nutrition and exercise in weight control, designing and analysis of diets for training, during competition and post competition.

ASSESSMENT:
In-Course examination  20%
Practicals 20%
Final Examination 60%

LEVEL: III
SEMESTER: 2
COURSE CODE: HUEC 3015
COURSE TITLE: NUTRITION AND HEALTH IN SPORTS
PERFORMANCE NUMBER OF CREDITS: 3
PREREQUISITES: HUEC 1003 AND HUEC 2001
COURSE DESCRIPTION: This course follows on from NUTRITION AND FITNESS I and provides the platform for an evidence-base perspective of the role of nutrition in sports and physical activity. Topics will include introduction to research methods in nutrition and sports, how to read and critique a piece of published work on sports nutrition, evaluation of dietary analysis and physical performance software, antioxidants in sports and fitness, minerals in sports and fitness, nutritional issues for active persons with special needs, ergogenic aids and physical performance, nutritional problems of athletes, nutritional counseling of athletes and physically active persons.

ASSESSMENT:
In-course Examinations 20%
Practicals 20%
Final Examinations (2-hours) 60%

LEVEL: III
SEMESTER: 2
COURSE CODE: HUEC 3016
COURSE TITLE: NUTRITION IN HEALTH AND DISEASE
NUMBER OF CREDITS: 4
PREREQUISITES: HUEC 1003 AND HUEC 2001
COURSE DESCRIPTION: With the exponential increases in the number of studies linking nutrition to the prevention and treatment of disease there is an urgent need for an evidence based approach to understanding reliability and validity of research findings. This course provides a foundation for understanding the role of nutrition in health and disease states. Topic include evaluating nutrition research, diet and human development, nutrition and diseases of the intestinal tract, nutrition and cardiovascular diseases, nutrition and diabetes, obesity, nutrition and cancer, nutrition and bone development, nutrition and immunity.

ASSESSMENT:
In-course 40%
Final Examinations 60%

LEVEL: III
SEMESTER: 2
COURSE CODE: HUEC 3017
COURSE TITLE: COMPUTER AIDED PATTERN DEVELOPMENT
NUMBER OF CREDITS: 3
PREREQUISITES: HUEC 1006 HUEC 1007 AND HUEC 2008
COURSE DESCRIPTION: This course builds on the introductory course in Flat Pattern Development. It incorporates and addresses the integral value of computer technology within the fashion system with modules focusing on textile developments and digital pattern design in fashion. Students would be required to develop advanced patterns for garments by draping fabric and using a computer-aided design system.

ASSESSMENT:
Coursework 40%
Final Examination 60%
LEVEL: III
SEMESTER: 1
COURSE CODE: HUEC 3018
COURSE TITLE: FASHION INDUSTRY AND BUSINESS
NUMBER OF CREDITS: 3
PREREQUISITES: HUEC 1006, HUEC 1007 AND HUEC 2008
COURSE DESCRIPTION: This course presents an overview of the global fashion industry. It looks at structure, size and scope and the range of entrepreneurial activities/opportunities and careers. From this introduction the local/regional industry is studied from the viewpoint of the entrepreneur. Trends in the fashion industry are considered in term of preferences by age groups and demographics; trends in business growth areas are also considered. Entry requirements and strategies for the local/regional industry are considered for emerging entrepreneurs. The course includes lectures / seminars by various consultants in the fashion and fabric industries.
ASSESSMENT:
Coursework (Project) 40%
Examination 60%

LEVEL: III
SEMESTER: 1
COURSE CODE: HUEC 3019
COURSE TITLE: COMPUTER AIDED DESIGN FOR THE FASHION INDUSTRY
NUMBER OF CREDITS: 3
PREREQUISITES: HUEC 1006 HUEC 1007 AND HUEC 2008
COURSE DESCRIPTION: This course covers the use of computers in the innovative design of clothing and other products for the fashion industry. It involves the creation and development of original designs applicable to the Caribbean fashion industry, using flat pattern and/or draping techniques. Students will be introduced to a number of computer software used in the fashion industry and shown the application of product data management in the industry. Students will also be introduced to the preparation of a professional portfolio comprising cad and other illustrative materials reflecting individual capability.
ASSESSMENT:
Coursework 75%
Final Examination 25%

LEVEL: III
SEMESTER: 2
COURSE CODE: HUEC 3020
COURSE TITLE: DEVELOPMENT OF CARIBBEAN CUISINE
NUMBER OF CREDITS: 3
PREREQUISITES: HUEC 1003 OR AGEX 1000
COURSE DESCRIPTION: The development of unique Caribbean cuisine based on indigenous products presents significant opportunities for entrepreneurial growth and development in the Food Industry and Food Service sector. This course focuses on the application of food science principles and food safety systems such as food laws and regulations.
ASSESSMENT:
Coursework 40%
Examination 60%

LEVEL: III
SEMESTER: 2
COURSE CODE: HUEC 3021
COURSE TITLE: PRACTICUM (CONSUMER SCIENCES)
NUMBER OF CREDITS: 3
PREREQUSITE: (RESTRICTED TO STUDENTS REGISTERED FOR BSc HUMAN ECOLOGY OR THE MAJOR IN CONSUMER SCIENCES)
COURSE DESCRIPTION: This course provides an experiential learning approach to Investigating from a scientific purview important Issue as related to consumer science and behaviours. It involves placement for up to ten weeks at a relevant institution.
ASSESSMENT:
Coursework 100%

LEVEL: III
SEMESTER: 4
COURSE CODE: HUEC 3022
COURSE TITLE: PRACTICUM (NUTRITIONAL SCIENCES)
NUMBER OF CREDITS: 3
PREREQUISITE: (RESTRICTED TO STUDENTS REGISTERED FOR BSc HUMAN ECOLOGY OR THE MAJOR IN NUTRITION SCIENCES)
COURSE DESCRIPTION: This course provides an experiential learning approach to Investigating from a scientific purview important Issue as related to the Discipline on Nutrition. It involves placement for up to ten weeks at a relevant institution.
ASSESSMENT:
Coursework 100%
LEVEL: III
SEMESTER: 4
COURSE CODE: HUEC 3023
COURSE TITLE: PRACTICUM (FOODS AND FOODSERVICE)
NUMBER OF CREDITS: 3
PREQUISITE: (RESTRICTED TO STUDENTS REGISTERED FOR THE BSC HUMAN ECOLOGY OR THE MAJOR IN FOOD AND FOODSERVICE SYSTEMS MANAGEMENT)
COURSE DESCRIPTION: This course provides an experiential learning approach to investigating from a scientific purview important issues as related to food and foodservice systems. It involves placement for up to ten weeks at a relevant institution.
ASSESSMENT:
Coursework 100%

LEVEL: DIPLOMA
SEMESTER: 1
COURSE CODE: HUEC 5000
COURSE TITLE: ADVANCED FOODSERVICE SYSTEMS MANAGEMENT
NUMBER OF CREDITS: 4
PREREQUISITES: (RESTRICTED TO STUDENTS REGISTERED FOR THE DIPLOMA IN INSTITUTIONAL AND COMMUNITY DIETETICS AND NUTRITION AND MPHIL/PHD IN HUMAN ECOLOGY)
COURSE DESCRIPTION: A comprehensive review of the organizational management and operational aspects of food service including menu-planning and evaluation; procurement, receiving, storage of food and supplies; human resource needs, quantity food production with regard to recipe standardization, nutrient and quality preservation, portion and quality control, costs, sanitation and safety; equipment requirements and specifications, layout and design; quality assurance and continuous improvement in foodservice.
ASSESSMENT:
Final Examination 100%

LEVEL: DIPLOMA
SEMESTER: 2
COURSE CODE: HUEC 5020 COURSE TITLE: ADVANCED CLINICAL NUTRITION
NUMBER OF CREDITS: 4
PREREQUISITES: (RESTRICTED TO STUDENTS REGISTERED FOR THE DIPLOMA IN INSTITUTIONAL AND COMMUNITY DIETETICS AND NUTRITION AND MPHIL/PHD IN HUMAN ECOLOGY)
COURSE DESCRIPTION: A comprehensive review of the principles of nutritional care process as it relates to specified diseases and needs; the role of drugs in nutritional care, disease of the upper and lower gastrointestinal tract, endocrine and metabolic disorders, energy balance, hepatic and biliary system, disorders of the skin and skeletal system; physiological stress and hyper metabolic conditions; neoplastic diseases, AIDS; cardiovascular, nervous and respiratory systems; nutritional support and counseling techniques.
ASSESSMENT:
Final Examination 100%
LEVEL: DIPLOMA
SEMESTER: 2
COURSE CODE: HUEC 5030
COURSE TITLE: CLINICAL NUTRITION PRACTICUM
NUMBER OF CREDITS: 8
PREREQUISITES: (RESTRICTED TO STUDENTS REGISTERED FOR THE DIPLOMA IN INSTITUTIONAL AND COMMUNITY DIETETICS AND NUTRITION)
COURSE DESCRIPTION: Application of knowledge and skills in the collection, assessment, planning, implementation and evaluation of nutritional care of clients with specified diseases and needs; principles of nutritional care in a clinical setting; nutrient modifications in respect of diagnosis, treatment, prevention of complications in various diseases and disorders. Candidates will be assigned to various primary clinical facilities for clinical experience, participating in Paediatrics, Endocrinology, Cancer/Aids/Gerontology, Nephrology, Surgical/Trauma, and Psychiatry/Substance Abuse rotations under the supervision of a qualified Dietitian.

ASSESSMENT:
Clinical Appraisal/Case Reviews 40%
Educational Projects 30%
Clinical Update/Research 30%

LEVEL: DIPLOMA
SEMESTER: 4
COURSE CODE: HUEC 5040
COURSE TITLE: ADVANCED COMMUNITY NUTRITION
NUMBER OF CREDITS: 4
PREREQUISITES: (RESTRICTED TO STUDENTS REGISTERED FOR THE DIPLOMA IN INSTITUTIONAL AND COMMUNITY DIETETICS AND NUTRITION AND MPHIL/PHD IN HUMAN ECOLOGY)
COURSE DESCRIPTION: Providing nutrition services in primary care; promoting and protecting the health of women, infants and children; promoting the health of adults, older adults; safeguarding the food supply; maintaining nutrition and food service standards in group care; planning and evaluating community nutrition services. Computer-aided Food and Nutrition applications; hands-on learning experience with computer software in food and nutrition surveillance, health analysis, diet/exercise analysis, growth and development in childhood and pregnancy, menu-planning, and food and nutrition planning. Practical experience in preparing nutrition information for delivery through the various media (radio, print, graphics). Project development: the process of developing a project (proposal) is outlined with clearly defined objectives, implementation strategy, costing, time analysis, and evaluation. Individual practice is gained in developing a nutrition-related project, using one of the models presented, for a seminar presentation at the end of the programme.

ASSESSMENT:
Final Examination 100%
LEVEL: DIPLOMA
SEMESTER: 4
COURSE CODE: HUEC 5050
COURSE TITLE: COMMUNITY NUTRITION PRACTICUM
NUMBER OF CREDITS: 8
PREREQUISITES: (RESTRICTED TO STUDENTS REGISTERED FOR THE DIPLOMA IN INSTITUTIONAL AND COMMUNITY DIETETICS AND NUTRITION)

COURSE DESCRIPTION: This course will focus on the following areas as applied to community nutrition and nutrition services available within the community: community organization and need; nutritional components of the health care system; poverty and nutritional problems of economically disadvantaged groups; health promotion-nutrition guidelines; national food and nutrition programmes and policies; agencies (local, regional, international) dealing with nutrition related issues; delivery of quality nutrition services; and legislative and regulatory processes.

Clinical practice in (Ministry of Health) one or more health regions in Trinidad and Tobago is coordinated with the theory presented in HUEC 504. A dietitian/public health nutritionist will coordinate the rotation.

ASSESSMENT:
Assignments 100%

LEVEL: I YEAR 1
SEMESTER: MAY TO JUNE - 6 WEEKS
COURSE TITLE: LDSP 1000 - PRACTICAL SKILLS
NUMBER OF CREDITS: 3
PREREQUISITES: NONE

COURSE CONTENT: Collecting basic information and quantitative data for exterior and interior environments. An introduction to nursery operations for annuals and shrubs. Establishment and maintenance of potted plants. Establishment and maintenance of annuals and shrubs outdoors. Equipment selection, use and maintenance.

Assessment
Coursework – 100% - Journal and portfolio (50%) – journal assessed throughout the course; portfolio due during last week of the course; Manual - 50% (due during the last week of the course).

LEVEL: II
SEMESTER: 2
COURSE CODE: LDSP 2000
COURSE TITLE: LANDSCAPING INTERNSHIP
NUMBER OF CREDITS: 4
PREREQUISITES: HORT 2001; (VART 2401 OR VART 2402); (HORT 2002 OR 3002); LDSP 1000

A 10-week attachment to a landscaping operation in the public or private sector in the Caribbean.

COURSE ASSESSMENT:
Assessment of performance – 30% (Internship supervisor); 10% (lecturer). Both assessments are conducted throughout the internship.
Student’s journal and portfolio (30%) (Journal due Wk. 3, 6, 9); report – 30% (portfolio and report due 1 week after end of internship)

LEVEL: II
SEMESTER: 1 AND 2
COURSE CODE: LDSP 3001
COURSE TITLE: LANDSCAPING PROJECT
NUMBER OF CREDITS: 4
PREREQUISITES: HORT 2001; HORT 2002; (VART 2401 AND VART 2402) (HORT 3002 AND/OR HORT 3001) LDSP 3002; LDSP 1000; LDSP

COURSE CONTENT: A landscaping project will require development of a landscaping proposal for presentation to a client. The proposal will cover the design solution, installation and maintenance.

Assessment
Coursework – 100% - [journal and portfolio – 25 % (journal assessed throughout project and portfolio due Wk. 13); project – 60 % (process assessed throughout project and product due on Project Deadline Date); oral presentation and examination – 15% (due by Wk. 13)
LEVEL: II
SEMESTER: 1
COURSE CODE: LDSP 3002
COURSE TITLE: HARDSCAPE CONSTRUCTION AND MAINTENANCE
NUMBER OF CREDITS: 3
PREREQUISITES: SOILS AND THE ENVIRONMENT (AGSL 1001); LANDSCAPE DESIGN 2 (VART 2402 /2040), PRACTICAL SKILLS (LDSP 1000)
COURSE CONTENT:
Explore successful hardscape designs through different methods. Establish suitable hardscape options for the Caribbean. Site analysis; alternation of land form (grading) and storm water management. Hardscape features for sustainable landscapes – environmental, engineering, architectural and aesthetic functions. Selection criteria for materials. Best practices including engineering standards and appropriate technologies for grading, berm formation and for installing drainage and irrigation systems. Best practices including engineering standards and appropriate technologies for installing hardscape floors, walls and fences, ceilings; embellishments including lighting and water features, statuary and sculpture; other features e.g. planters, seating, arbors. Best practices for maintaining hardscape. Plans and specifications for landform alterations, irrigation, drainage and hardscape requirements, layout and dimensioning, calculations and budgets. Proposals for installation and maintenance of hardscape features. Maintenance schedules. Safety practices.
Assessment
Coursework (60%) - Case studies – 15 % (due Wk. 5 , 10); Laboratory – 15% (due Wk. 6. 11); Project – 25% (due Wk. 13); Seminar – 5% (due Wk. 13)
Final Examination – 40%

LEVEL: II
SEMESTER: 2
COURSE CODE: MGMT 2003
COURSE TITLE: PRINCIPLES OF MARKETING
NUMBER OF CREDITS: 3
PREREQUISITES: ECON 1001 OR AGBU 1005 AND ACCT 1002
DEPARTMENT RESPONSIBLE: MANAGEMENT STUDIES
COURSE DESCRIPTION: This course is intended to provide students with the conceptual framework and analytical skills necessary for the analysis of markets and marketing activities of firms in a dynamic environment.
ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: II
SEMESTER: 2
COURSE CODE: MGMT 2006
COURSE TITLE: MANAGEMENT INFORMATION SYSTEMS I
NUMBER OF CREDITS: 3
PREREQUISITES: NONE
COURSE DESCRIPTION: This course provides an overview of Management Information Systems. It describes the components of Management Information Systems and the relationship of MIS to the larger area of Organization and Management. Information Systems Technology is covered.
ASSESSMENT:
Coursework 25%
Final Examination 75%

LEVEL: II
SEMESTER: 2
COURSE CODE: MGMT 2007
COURSE TITLE: INTRODUCTION TO E-COMMERCE
NUMBER OF CREDITS: 3
COURSE DESCRIPTION: This course aims to prepare students with the requisite fundamentals to enable them to provide the business perspective/inputs to the e-commerce adoption process. Emphasis will be on the underlying commercial principles of e-commerce rather than on the technological processes. Topics to be covered include: internet demographics; internet business models; customer support strategies; security issues in e-commerce; legal issues in e-commerce; logistical challenges for Caribbean e-commerce.
ASSESSMENT:
Coursework 40%
Final Examination 60%

LEVEL: II
SEMESTER: 2
COURSE CODE: MGMT 2008
COURSE TITLE: ORGANISATIONAL BEHAVIOUR
NUMBER OF CREDITS: 3
PREREQUISITES: SOCI 1002 OR MGMT 1001 OR AGEX 1000 OR HUEC 1003
DEPARTMENT RESPONSIBLE: MANAGEMENT STUDIES
COURSE DESCRIPTION: This course uses the systems approach to organizations to highlight how interrelated variables such as people, technology, task, structure and external environments impact on organizational effectiveness. Emphasis is on the nature of behavioural issues and how and why they impact on the functioning of organizations.
ASSESSMENT:
Coursework 40%
Final Examination 60%
LEVEL: II
SEMESTERS: 2
COURSE CODE: MGMT 2021
COURSE TITLE: BUSINESS LAW
NUMBER OF CREDITS: 3
PREREQUISITES: NONE
DEPARTMENT RESPONSIBLE: MANAGEMENT STUDIES
COURSE DESCRIPTION: The main focus of this course is the general principles of the law of contract, the law of Agency as well as other related areas of interest like the Sale of Goods Act and the Hire Purchase Act 1938 and 1954. Background material covers the role and function of the law in society, the sources of the law, the legal system etc.
ASSESSMENT:
Coursework 25%
Final Examination 75%

LEVEL: II
SEMESTERS: 2
COURSE CODE: MGMT 2023
COURSE TITLE: FINANCIAL MANAGEMENT I
NUMBER OF CREDITS: 3
PREREQUISITES: FOR AGRIBUSINESS MANAGEMENT STUDENTS: ACCT 1002 AND ECON 1003 OR AGRI 1003
DEPARTMENT RESPONSIBLE: MANAGEMENT STUDIES
COURSE DESCRIPTION: This course is concerned with the core concepts of financial decision-making; the time-value of money, the cost of capital and trade-offs between risk and return. Students should develop a thorough understanding of these basic concepts and how to apply them in real-world examples
ASSESSMENT:
Coursework 25%
Final Examination 75%

LEVEL: III
SEMESTER: 1
COURSE CODE: MGMT 3017
COURSE TITLE: HUMAN RESOURCE MANAGEMENT
NUMBER OF CREDITS: 3
PREREQUISITES: MGMT 2008
COURSE DESCRIPTION: This course provides participants with a broad overview of issues pertaining to human resource management with special reference to the Caribbean environment.

LEVEL: I
SEMESTER: II
COURSE CODE: PSYC 1004 (PS11B)
COURSE TITLE: INTRODUCTION TO SOCIAL PSYCHOLOGY
CREDITS: 3
PREREQUISITES: NONE
DEPARTMENT RESPONSIBLE: BEHAVIOURAL SCIENCES
COURSE DESCRIPTION: This course seeks to introduce students to the field of Social Psychology as the scientific study of how people think about, influence, and relate to one another while introducing its scope of study and its methodology. This course intends to give students an appreciation for the combined analysis of psychological and sociological perspectives in studying human behaviour. Social Psychology will, therefore, be constructed as an interactionist discipline. Students will be exposed to numerous social psychological concepts, particularly in the light of empirical research, including primary and secondary socialization and its consequences in relationships; self and personality development; attitude formation and measurement; persuasion; conformity, compliance, obedience and deviance; group behaviour; interpersonal relations; impression formation, aggression and altruistic behaviour. Each topic will be covered in sufficient depth for students to be able to appreciate classical social psychological concepts and findings. Students will also develop a keen appreciation for social psychology as a tool for national, as well as personal development.

LEVEL: II
SEMESTER: I
COURSE CODE: PSYC 2011 (PS24D)
COURSE TITLE: SELECTED THEORIES IN SOCIAL PSYCHOLOGY
NUMBER OF CREDITS: 3
PREREQUISITES: PSYC 1003 OR PSYC 1004
COURSE DESCRIPTION: A survey of selected theories in social psychology and the methods used to examine social psychological concepts. Emphasis is on the interactionist dynamics of social psychology examining socialisation, conformity, cognitive dissonance, attitude formation and change, prejudice and race relations, leadership and interpersonal relations.
ASSESSMENT:
Final Examination 100%
* Highly recommended for students without A-level Chemistry or equivalent. This course is not part of the degree option.
LEVEL: II
SEASON: I
COURSE CODE: PSYC 2012 (PS24E)
COURSE TITLE: DEVELOPMENTAL PSYCHOLOGY
CREDITS: 3
PREREQUISITES: PSYC 1003 (PS14A) OR PSYC 1004 (PS11B)
DEPARTMENT RESPONSIBLE: BEHAVIOURAL SCIENCES
COURSE DESCRIPTION: This course focuses on theories and patterns of human development from pre-natal stages to old age. The interplay between cultural norms and psychological patterns is examined, and the factors related to healthy growth and development from an individual and a societal perspective are explored. The course also examines preventive and rehabilitative measures.
LEVEL: I
SEASON: II
COURSE CODE: VART 1406
COURSE TITLE: COLOUR AND MATERIALS
PREREQUISITE: NONE
NUMBER OF CREDITS: 3
COURSE DESCRIPTION: This is a studio course. It introduces experimentation and theoretical study of colour, art and design media and materials.
ASSESSMENT: Coursework 100%
* Studio attendance and participation
Portfolio and coursework journal
SEMESTERS: I AND II
COURSE CODE: VART 2401 (SEMESTER I) AND VART 2402 (SEMESTER II)
COURSE TITLE: LANDSCAPE DESIGN 1 AND LANDSCAPE DESIGN 2
NUMBER OF CREDITS: 3 EACH
PREREQUISITES: VART 1404 AND VART 1406
COURSE DESCRIPTION: This course offers a continuation of practical studies in the design process of problem solving as it applies to tropical landscaping. Students will learn concept visualization based on techniques of visual communication and design, exploration of sources of design innovation, the study of materials for appropriate use and context in built and natural environments. This course is taught over two sequential semesters and examines the context of landscape through field trips and visual analysis of its features. Practical experience in visual description, documentation and analysis will be developed in modules of theory and practical study.
ASSESSMENT: Coursework 100%
LEVEL: I
SEASON: II
COURSE CODE: VART 1406
COURSE TITLE: COLOUR AND MATERIALS
PREREQUISITE: NONE
NUMBER OF CREDITS: 3
COURSE DESCRIPTION: This is a studio course. It introduces experimentation and theoretical study of colour, art and design media and materials.
ASSESSMENT: Coursework 100%
* Studio attendance and participation
Portfolio and coursework journal

LEVEL: I
SEASON: I
COURSE CODE: VART 1404
COURSE TITLE: INFORMATION COMMUNICATION TECHNOLOGY AND DESIGN FOUNDATIONS
NUMBER OF CREDITS: 3
PREREQUISITES: NONE
COURSE DESCRIPTION: This is a studio course. The emphasis of course is to provide art and design foundation for further experimentation and creative work. It concentrates on the study of the fundamental elements and principles of art and design in the studio practices of artists and designers. This course encourages the application of cultural, scientific and critical studies in exploration of methods for creating 2 and 3-dimensional forms. Course introduces Information and Communication Technology as a tool for research and presentation of group and individual projects.
ASSESSMENT: Coursework 100%
APPENDIX 1 -
APPROVED SCIENCE
CAPE/ GCE A LEVEL
SUBJECTS

- Biology
- Botany
- Chemistry
- Computer Science
- Environmental Science
- Geography
- Geology
- Information Technology
- Applied Mathematics
- Further Mathematics
- Pure Mathematics
- Mathematics
- Physics
- Zoology

CROSS FACULTY PREREQUISITES AND EQUIVALENCIES
All students admitted to the FFA to read the following programmes are required to register for courses in the Faculty of Social Sciences and must be familiar with the list of cross-faculty prerequisites and equivalencies listed in Appendix 2.

i. BSc Agribusiness Management
ii. BSc Human Ecology
iii. BSc Human Nutrition and Dietetics
# APPENDIX 2 – PREREQUISITE LISTING FOR CROSS FACULTY COURSES

<table>
<thead>
<tr>
<th>BANNER CODE</th>
<th>TITLE</th>
<th>FSS PREREQUISITES</th>
<th>FFA B.S.C. AGRIBUSINESS MANAGEMENT PREREQUISITES</th>
<th>FFA MAJOR IN AGRIBUSINESS PREREQUISITES</th>
<th>FFA MAJOR IN FOODS &amp; FOOD SERVICE MANAGEMENT PREREQUISITES</th>
<th>FFA MAJOR IN ENTREPRENEURSHIP HIP PREREQUISITES</th>
<th>FFA MINOR IN SPORTS NUTRITION PREREQUISITES</th>
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<tr>
<td>ACCT 1002</td>
<td>Introduction to Financial Accounting</td>
<td>NONE</td>
<td>NONE</td>
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<tr>
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<td>ACCT 1002 and ACCT 1003</td>
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<td>ECON 2000</td>
<td>Intermediate Micro-economics I</td>
<td>ECON 1001, ECON 1002 and ECON 1003</td>
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<td>Principles of Marketing</td>
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<td>Management Information Systems I</td>
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<td>FFA MAJOR IN FOODS &amp; FOOD SERVICE MANAGEMENT PREREQUISITES</td>
<td>FFA MAJOR IN ENTREPRENEURSHIP HIP PREREQUISITES</td>
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<td>FFA MAJOR IN FOODS &amp; FOOD SERVICE MANAGEMENT PREREQUISITES</td>
<td>FFA MAJOR IN ENTREPRENEURSHIP HIP PREREQUISITES</td>
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This course is Not offered to these students
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<th>FFA MAJOR IN FOOD &amp; NUTRITION</th>
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<td>MGMT 2008</td>
<td>MGMT 2010 Introduction to Sport Management</td>
<td>MGMT 2010</td>
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<td>MGMT 2021 Business Law</td>
<td>MGMT 2010</td>
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<td>MGMT 2021</td>
<td>MGMT 2022 The Law and Sports</td>
<td>MGMT 2010</td>
<td>MGMT 1001 or SOC 1002 or AGEX 1000</td>
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<td>MGMT 2023</td>
<td>MGMT 3011 Management Information Systems</td>
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<td>MGMT 1001 or SOC 1002 or AGEX 1000</td>
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<td>PSYC 1003 OR PSYC 1004</td>
<td>PSYC 1003 OR PSYC 1004</td>
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APPENDIX 3 - UNIVERSITY REGULATIONS ON PLAGIARISM

Application of these Regulations
1 These Regulations apply to the presentation of work by a student for evaluation, whether or not for credit, but do not apply to invigilated written examinations.

Definition of plagiarism
2 In these Regulations, “plagiarism” means the unacknowledged and unjustified use of the words, ideas or creations of another, including unjustified unacknowledged quotation and unjustified unattributed borrowing;

“Level 1 plagiarism” means plagiarism which does not meet the definition of Level 2 plagiarism;

“Level 2 plagiarism” means plagiarism undertaken with the intention of passing off as original work by the plagiariser work done by another person or persons.

3 What may otherwise meet the definition of plagiarism may be justified for the purposes of Regulation 2 where the particular unacknowledged use of the words, ideas and creations of another is by the standards of the relevant academic discipline a function of part or all of the object of the work for evaluation whether or not for credit, for example:

a. The unacknowledged use is required for conformity with presentation standards;

b. The task set or undertaken is one of translation of the work of another into a different language or format;

c. The task set or undertaken requires producing a result by teamwork for joint credit regardless of the level of individual contribution;

d. The task set or undertaken requires extensive adaptation of models within a time period of such brevity as to exclude extensive attribution;

e. The task set or undertaken requires the use of an artificial language, such as is the case with computer programming, where the use of unoriginal verbal formulae is essential.

4 It is not a justification under Regulations 2 and 3 for the unacknowledged use of the words, ideas and creations of another that the user enjoys the right of use of those words, ideas and creations as a matter of intellectual property.

Other definitions
5 In these Regulations, “Chairman” means the Chairman of the relevant Campus Committee on Examinations; “Examination Regulations” means the Examination and other forms of Assessment Regulations for First Degrees Associate Degrees Diplomas and Certificates of the University; “set of facts” means a fact or combination of facts.

Evidence of plagiarism
6 In order to constitute evidence of plagiarism under these Regulations, there shall be identified as a minimum the passage or passages in the student’s work which are considered to have been plagiarised and the passage or passages from which the passages in the student’s work are considered to have been taken.

Student Statement on Plagiarism
7 When a student submits for examination work under Regulation 1, the student shall sign a statement, in such form as the Campus Registrar may prescribe, that as far as possible the work submitted is free of plagiarism including unattributed quotation or paraphrase of the work of another except where justified under Regulation 3.

8 Quotation or paraphrase is attributed for the purpose of Regulation 7 if the writer has indicated using conventions appropriate to the discipline that the work is not the writer’s own.

9 The University is not prohibited from proceeding with a charge of plagiarism where there is no statement as prescribed under Regulation 7.

Electronic vetting for plagiarism
10 The results of any electronic vetting although capable, where the requirements of Regulation 7 are satisfied, of constituting evidence under these Regulations, are not thereby conclusive of any question as to whether or not plagiarism exists.

Level 1 plagiarism
11 In work submitted for examination where the Examiner is satisfied that Level 1 plagiarism has been committed, he/she shall penalise the student by reducing the mark which would have otherwise been awarded taking into account any relevant Faculty regulations.
Level 2 plagiarism

12 Where an examiner has evidence of Level 2 plagiarism in the material being examined, that examiner shall report it to the Head of Department or the Dean and may at any time provide the Registrar with a copy of that report. In cases where the examiner and the Dean are one and the same, the report shall be referred to the Head of the Department and also to the Campus Registrar.

13 Where any other person who in the course of duty sees material being examined which he or she believes is evidence of Level 2 plagiarism that other person may report it to the Head of Department or the Dean and may at any time report it to the Campus Registrar who shall take such action as may be appropriate.

14 Where a Dean or Head of Department receives a report either under Regulation 12 or 13, the Dean or Head of Department, as the case may be, shall

a. where in concurrence with the report's identification of evidence of Level 2 plagiarism, report the matter to the Campus Registrar; or
b. where not concurring in the identification of evidence of plagiarism, reply to the examiner declining to proceed further on the report; or

c. where concluding that there is evidence of Level 1 plagiarism, reply to the examiner indicating that conclusion and the Examiner shall proceed as under Regulation 11.

15 Where a report is made to the Campus Registrar under Regulation 14a or 16, the Campus Registrar shall lay a charge and refer the matter to the Campus Committee on Examinations.

16 Where the Campus Registrar receives a report alleging Level 2 plagiarism from the Examiner or any other person except the Dean or Head of Department, the Campus Registrar shall refer the matter to a senior academic to determine whether there is sufficient evidence to ground a charge of plagiarism and where such evidence is found, the Campus Registrar shall proceed as under Regulation 15.

17 Where the matter has been referred to the Campus Committee on Examinations pursuant to Regulation 15, the proceedings under these Regulations prevail, over any other disciplinary proceedings within the University initiated against the student based on the same facts and, without prejudice to Regulation 21, any other such disciplinary proceedings shall be stayed, subject to being reopened.

18 If the Campus Committee on Examinations is satisfied, after holding a hearing, that the student has committed Level 2 plagiarism, it shall in making a determination on the severity of the penalty take into consideration:

a. the circumstances of the particular case;
b. the seniority of the student; and
c. whether this is the first or a repeated incidence of Level 2 plagiarism.

19 Where the Campus Committee is of the view that the appropriate penalty for an offence of Level 2 plagiarism is for the student to be:

(i) awarded a fail mark;
(ii) excluded from some or all further examinations of the University for such period as it may determine;
(iii) be dismissed from the University,

it shall make such recommendation to the Academic Board.

Clearance on a charge of Level 2 plagiarism

20 A determination of the Campus Committee on Examinations that Level 2 plagiarism has not been found will be reported to the Campus Registrar who shall refer it to the Examiner and notify the student. Where the Committee has not identified Level 2 but has identified Level 1, it shall be reported to the Campus Registrar who shall refer it to the examiner.

Level 2 plagiarism: Appeal to the Senate

21 A student may appeal to the Senate from any decision against him or her on a charge of plagiarism made by Academic Board.

Delegation by Dean or Head of Department

22 The Dean or Head of Department, as the case may be, may generally or in a particular instance delegate that officer’s functions under these Regulations.

Conflict of interest disqualification

23 Any person who has at any time been an examiner of work or been involved in procedures for laying charges in relation to which an issue of plagiarism is being considered under these Regulations shall withdraw from performing any functions under these Regulations other than those of supervisor and examiner.
INDIVIDUAL PLAGIARISM DECLARATION

STUDENT ID:

COURSE TITLE:

COURSE CODE:

TITLE OF ASSIGNMENT:

This declaration is being made in accordance with the University Regulations on Plagiarism (First Degrees, Diplomas and Certificates) and must be attached to all work, submitted by a student to be assessed in partial or complete fulfilment of the course requirement(s), other than work submitted in an invigilated examination.

STATEMENT

1. I have read the Plagiarism Regulations as set out in the Faculty or Open Campus Student Handbook and on University websites related to the submission of coursework for assessment.

2. I declare that I understand that plagiarism is a serious academic offence for which the University may impose severe penalties.

3. I declare that the submitted work indicated above is my own work, except where duly acknowledged and referenced and does not contain any plagiarized material.

4. I also declare that this work has not been previously submitted for credit either in its entirety or in part within the UWI or elsewhere. Where work was previously submitted, permission has been granted by my Supervisor/Lecturer/Instructor as reflected by the attached Accountability Statement.

5. I understand that I may be required to submit the work in electronic form and accept that the University may subject the work to a computer-based similarity detention service.

NAME ______________________________________________________________________________

SIGNATURE ____________________________________________________________________________

DATE ______________________________________________________________________________
GROUP PLAGIARISM DECLARATION

COURSE TITLE:

COURSE CODE:

TITLE OF ASSIGNMENT:

When submitting a group assignment for assessment each member of the group will be required to sign the following declaration of ownership which will appear on the coursework submission sheet.

We the undersigned declare that:

1. We have read the Plagiarism Regulations as set out in the Faculty or Open Campus Student Handbook and on University websites related to the submission of coursework for assessment.

2. We declare that I understand that plagiarism is a serious academic offence for which the University may impose severe penalties.

3. The submitted work indicated above is our own work, except where duly acknowledged and referenced.

4. This work has not been previously submitted for credit either in its entirety or in part within the UWI or elsewhere. Where work was previously submitted, permission has been granted by our Supervisor/Lecturer/Instructor as reflected by the attached Accountability Statement.

5. We understand that we may be required to submit the work In electronic form and accept that the University may check the originality of the work using a computer-based similarity detention service.

NAME ______________________________________________________________________________

SIGNATURE _________________________________________________________________________________

NAME ______________________________________________________________________________

SIGNATURE _________________________________________________________________________________

NAME _____________________________________________________________________________

SIGNATURE _________________________________________________________________________________

DATE ______________________________________________________________________________
ADDITIONAL ACCOUNTABILITY STATEMENT WHERE WORK HAS BEEN PREVIOUSLY SUBMITTED

1. I/We have set out in an attached statement the details regarding the circumstances under which this paper or parts thereof has been previously submitted.

2. I/We have received written permission from my Supervisor/Lecturer/Instructor regarding the submission of this paper and I have attached a copy of that written permission to this statement.

3. I/We hereby declare that the submission of this paper is in keeping with the permission granted.

NAME __________________________________________________________

SIGNATURE _______________________________________________________

DATE ___________________________________________________________
APPENDIX 4 –
CO-CURRICULAR PROGRAMME

http://sta.uwi.edu/cocurricular/

The Co-curricular Credits programme is an integral part of the official credit system at undergraduate level at The University of the West Indies. It provides students with valuable opportunities for skill development in areas not available in their core programme. These courses are designed to help students become well-rounded graduates - prepared for their role in society and in the workplace.

At the St. Augustine Campus, Co-curricular credits are currently awarded for involvement in the following courses:

LEVEL 1

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<td>COCR 1012</td>
<td>Workplace Protocol for Students</td>
<td>3</td>
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<td>COCR 1013</td>
<td>Financial Literacy and Training</td>
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<td>Technology Literacy</td>
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<td>COCR 1031</td>
<td>Managing My High (MY High): Alcohol, Drugs and Addictive Behaviours</td>
<td>2</td>
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<td>COCR 1032</td>
<td>Living and Learning: Professional development through community service</td>
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</tr>
<tr>
<td>COCR 1033</td>
<td>Mind the Gap: Towards Psychological Health &amp; Wellness</td>
<td>1</td>
</tr>
<tr>
<td>COCR 1034</td>
<td>Public Speaking and Voice Training: Towards a More Confident You</td>
<td>3</td>
</tr>
</tbody>
</table>

Microsoft Office 2013

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COCR1025</td>
<td>Microsoft Word</td>
<td>2</td>
</tr>
<tr>
<td>COCR1026</td>
<td>Microsoft Excel</td>
<td>2</td>
</tr>
<tr>
<td>COCR1027</td>
<td>Microsoft PowerPoint</td>
<td>2</td>
</tr>
<tr>
<td>COCR1028</td>
<td>Microsoft Outlook</td>
<td>2</td>
</tr>
<tr>
<td>COCR1029</td>
<td>Microsoft Access</td>
<td>2</td>
</tr>
</tbody>
</table>

All co-curricular course codes begin with COCR. Visit http://sta.uwi.edu/cocurricular/ for course descriptions and registration instructions. New courses are to be introduced so keep checking the website for updates during the academic year. You can also speak with your Faculty COCR coordinators for help with course selection and for answers to questions related to the COCR Programme. You will find their names and contact information at the co-curricular website at: http://sta.uwi.edu/cocurricular/contactus.asp or check your faculty office.

Think you won’t have time for co-curricular courses? Visit http://www2.sta.uwi.edu/timetable for the official timetable to see how you can work a COCR course into your schedule!

WE ENCOURAGE YOU TO ENROLL IN AT LEAST ONE CO-CURRICULAR COURSE or CO-CURRICULAR ACTIVITY AS PART OF YOUR PROGRAMME AT UWI – ST. AUGUSTINE CAMPUS

Q. Why should I register for Co-curricular Credits?
A. Co-curricular credits are awarded for activities designed to cultivate a range of skills essential to creating well-rounded students prepared for the world.

Q. Who is eligible for Co-curricular credits?
A. Co-curricular courses are open to all Undergraduate students.

Q. What is a Co-curricular course?
A. Co-curricular courses are offered for credits and can be taken alongside your traditional elective courses, or as an alternative to an elective. They cannot replace your core course requirements. Co-curricular courses are optional.

Q. How are Co-curricular courses graded?
A. Co-curricular courses are graded as "PASS" or "FAIL" and are reflected on your transcript as PASS (P) or NOT PASS (NP).

Q. How do I register for Co-curricular activity?
A. Please visit http://sta.uwi.edu/cocurricular/ for a list of all Co-curricular Courses available and a list of steps to register for Co-curricular activities.
APPENDIX 5 - FOREIGN LANGUAGES

1. The Centre for Language Learning (CLL) offers courses in 10 foreign languages: Arabic, Chinese, French, German, Hindi, Italian, Japanese, Portuguese, Spanish and Yoruba.

2. The aim of the Centre is to empower students to use the target language in order to understand information, to express themselves orally and in writing, to communicate with native and non-native speakers of the language and engage with culture of the language.

3. Students can register at the CLL and attend classes in any language, upon payment of a small registration fee. Students can also pursue credit courses in Chinese, French, Japanese and Spanish. Registration is online using BANNER. **But students must complete a paper-based registration at the CLL before doing their online registration.** The normal per credit fee applies.

**CHINESE (MANDARIN)**

**COURSE CODE:** CHIN 1003
**COURSE TITLE:** LEVEL 1A CHINESE (MANDARIN)
**NUMBER OF CREDITS:** 2
**SEMESTER:** 1
**LEVEL:** 1
**PRE-REQUISITES:** NONE

**COURSE DESCRIPTION:** The course which involves four skills (listening, speaking, reading and writing) introduces students to Mandarin Chinese and some aspects of Chinese culture and daily life. Students will develop an ability to communicate in Chinese in basic situation relating to their personal lives via exposure to the new language and culture. The course meets for four hours per week for 13 weeks. In addition, class contact time should be supplemented by two hours of independent study for each contact hour.

**ASSESSMENT:**
In-course testing: 100%: 40% [mid-semester]; 40% [end of semester]; 20% [two assignments]

**COURSE CODE:** CHIN 1004
**COURSE TITLE:** LEVEL 1B CHINESE (MANDARIN)
**NUMBER OF CREDITS:** 2
**SEMESTER:** 2
**LEVEL:** 1
**PRE-REQUISITE:** CHIN 1003/1A CHINESE OR EQUIVALENT

**COURSE DESCRIPTION:** This course introduces the further study of Mandarin Chinese (listening, speaking, reading, and writing) and Chinese culture begun in CHIN 1003/1A Chinese. Students will develop a minimal level of communicative competence for socializing in everyday situations. The course meets for four hours per week for 13 weeks. In addition, class contact time should be supplement by two hours of independent study for each contact hour.

**ASSESSMENT:**
In-course testing: 100%: 40% [mid-semester]; 40% [end of semester]; 20% [two assignments]

**FRENCH**

**COURSE CODE:** FREN 1001
**COURSE TITLE:** LEVEL 1A FRENCH
**NUMBER OF CREDITS:** 2
**SEMESTER:** 1/2
**LEVEL:** 1
**PRE-REQUISITES:** NONE

**COURSE DESCRIPTION:** This is a beginners’ course for students with no previous knowledge of French. It develops the communicative, linguistic and intercultural competences of learners by focusing on their speaking, listening, reading and writing skills. The course meets for four hours per week for 13 weeks. In addition, class contact time should be supplemented by two hours of independent study for each contact hour.

**ASSESSMENT:**
In-course testing: 100%: 40% [mid-semester]; 40% [end of semester]; 20% [two assignments]
COURSE CODE: FREN 1002
COURSE TITLE: LEVEL 1B FRENCH
NUMBER OF CREDITS: 2
SEMESTER: 1/2
LEVEL: 1
PRE-REQUISITES: FREN 1001/1A FRENCH OR EQUIVALENT
COURSE DESCRIPTION: This course is the next level after FREN 1001/1A French with the aim to further develop the communicative, linguistic and intercultural competences of learners. Emphasis is placed on the development of learners’ speaking, listening, reading and writing skills. The course meets for four hours per week for 13 weeks. In addition, class contact time should be supplemented by one hour of independent study for each contact hour.
ASSESSMENT:
In-course testing: 100%: 40% [mid-semester]; 40% [end of semester]; 20% [two assignments]

COURSE CODE: JAPA 1003
COURSE TITLE: LEVEL 1A JAPANESE
NUMBER OF CREDITS: 2
SEMESTER: 1
LEVEL: 1
PRE-REQUISITES: NONE
COURSE DESCRIPTION: This is a beginners’ Japanese course that introduces students to the Japanese language and some aspects of Japanese culture and daily life. Classes are conducted as far as possible in the target language to give students maximum exposure to the new language and culture. During the course, students develop an ability to communicate in Japanese in basic situations relating to their personal lives. The course meets for four hours per week for 13 weeks. In addition, class contact time should be supplemented by two hours of independent study for each contact hour.
ASSESSMENT:
In-course testing: 100%: 40% [mid-semester]; 40% [end of semester]; 20% [two assignments]

COURSE CODE: SPAN 1101
COURSE TITLE: LEVEL 1A SPANISH
NUMBER OF CREDITS: 2
SEMESTER: 1/2
LEVEL: 1
PRE-REQUISITE: NONE
COURSE DESCRIPTION: This is a beginners’ course for students with no previous knowledge of Spanish. This communicative course focus on the development of the four skills: listening, speaking, reading and writing as well as on the development of knowledge of the Hispanic culture. The course meets for four hours per week for 13 weeks. In addition, class contact time should be supplemented by one hour of independent study for each contact hour.
ASSESSMENT:
In-course testing: 100%: 40% [mid-semester]; 40% [end of semester]; 20% [two assignments]
COURSE CODE: SPAN1102
COURSE TITLE: LEVEL 1B SPANISH
NUMBER OF CREDITS: 2
SEMESTER: 1/2
LEVEL: 1
PRE-REQUISITE: SPAN1101/1A SPANISH OR EQUIVALENT

COURSE DESCRIPTION: Students in this course should have some basic knowledge of Spanish. This course will build on the skills learnt in SPAN 1101/1A Spanish and aims to continue to promote communicative and intercultural competence. The focus will be on the development of the four skills: speaking, listening, reading and writing. The course meets for four hours per week for 13 weeks. In addition, class contact time should be supplemented by one hour of independent study for each contact hour.

ASSESSMENT:
In-course testing: 100%: 40% [mid-semester]; 40% [end semester]; 20% [two assignments]
# APPENDIX 6 – GRADE DEFINITION AND DESCRIPTION

<table>
<thead>
<tr>
<th>GRADE</th>
<th>% RANGE</th>
<th>GRADE POINT</th>
<th>GRADE DEFINITION</th>
<th>GRADE DESCRIPTOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>90 - 100</td>
<td>4.3</td>
<td>Exceptional</td>
<td>Demonstrates exceptional performance and achievement in all aspects of the course. Exceptional application of theoretical and technical knowledge that demonstrates achievement of the learning outcomes. Goes beyond the material in the course and displays exceptional aptitude in solving complex issues identified. Achieves the highest level of critical, compelling, coherent and concise argument or solutions within the course.</td>
</tr>
<tr>
<td>A</td>
<td>80 - 89</td>
<td>4.0</td>
<td>Outstanding</td>
<td>Demonstrates outstanding integration of a full range of appropriate principles, theories, evidence and techniques. Displays innovative and/or insightful responses. Goes beyond the material with outstanding conceptualization which is original, innovative and/or insightful. Applies outstanding critical thinking skills</td>
</tr>
<tr>
<td>A-</td>
<td>75 - 79</td>
<td>3.7</td>
<td>Excellent</td>
<td>Demonstrates excellent breadth of knowledge, skills and competencies and presents these in appropriate forms using a wide range of resources. Demonstrates excellent evidence of original thought, strong analytical and critical abilities; excellent organizational, rhetorical and presentational skills.</td>
</tr>
<tr>
<td>B+</td>
<td>70 - 74</td>
<td>3.3</td>
<td>Very Good</td>
<td>Demonstrates evidence of very good critical and analytical thinking in most aspects of the course. Very good knowledge that is comprehensive, accurate and relevant. Very good insight into the material and very good use of a range of appropriate resources. Consistently applies very good theoretical and technical knowledge to achieve the desired learning outcomes.</td>
</tr>
<tr>
<td>B</td>
<td>65 - 69</td>
<td>3.0</td>
<td>Good</td>
<td>Demonstrates good knowledge, rhetorical and organizational skills. Good insight into the material and a good use of a range of appropriate resources. Good integration of a range of principles, techniques, theories and evidence.</td>
</tr>
<tr>
<td>B-</td>
<td>60 - 64</td>
<td>2.7</td>
<td>Satisfactory</td>
<td>Displays satisfactory evidence of the application of theoretical and technical knowledge to achieve the desired learning outcomes. Demonstrates sound organisational and rhetorical skills.</td>
</tr>
<tr>
<td>GRADE</td>
<td>% RANGE</td>
<td>GRADE POINT</td>
<td>GRADE DEFINITION</td>
<td>GRADE DESCRIPTROR</td>
</tr>
<tr>
<td>-------</td>
<td>---------</td>
<td>-------------</td>
<td>------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>C+</td>
<td>55 - 59</td>
<td>2.3</td>
<td>Fair</td>
<td>Demonstrates fair breadth and depth of knowledge of main components of the subject. Fair evidence of being able to assemble some of the appropriate principles, theories, evidence and techniques and to apply some critical thinking.</td>
</tr>
<tr>
<td>C</td>
<td>50 - 54</td>
<td>2.0</td>
<td>Acceptable</td>
<td>Demonstrates acceptable application of theoretical and technical knowledge to achieve the minimum learning outcomes required in the course. Displays acceptable evidence of critical thinking and the ability to link theory to application.</td>
</tr>
<tr>
<td>F1</td>
<td>45 - 49</td>
<td>1.7</td>
<td>Unsatisfactory</td>
<td>Demonstrates unsatisfactory application of theoretical and technical knowledge and understanding of the subject. Displays unsatisfactory ability to put theory into practice; weak theoretical and reflective insight. Unsatisfactory critical thinking, organizational and rhetorical skills.</td>
</tr>
<tr>
<td>F2</td>
<td>40 - 44</td>
<td>1.3</td>
<td>Weak</td>
<td>Weak overall performance with very limited knowledge and understanding of the subject. Little evidence of theoretical and reflective insights. Weak organizational and rhetorical skills.</td>
</tr>
<tr>
<td>F3</td>
<td>0 - 39</td>
<td>0</td>
<td>Poor</td>
<td>Overall poor or minimal evidence of knowledge and understanding of the subject. Displays little ability to put theory into practice; lacks theoretical and reflective insights. Incomplete breadth and depth of knowledge on substantive elements of the subject. Little or no evidence of critical engagement with the material. Responses are affected by irrelevant sources of information, poor organizational and rhetorical skills.</td>
</tr>
</tbody>
</table>
APPENDIX 7 – INFORMATION RESOURCES
AT THE ALMA JORDAN LIBRARY

A crucial part of your undergraduate training is learning when you need information, what kind of information you need, what information is available and how to search for, select and obtain relevant information. Such information literacy skills will equip you well for your assignments, examinations and career.

Our wide-ranging collection spans several subject areas relevant to the Faculty of Food and Agriculture, including Agribusiness, Agricultural Economics, Agricultural Extension, Aquaculture, Crop Science, Forestry, Geography, Livestock Science, Nutrition and Soil Science. Aside from holding over 400,000 books and 800 journal titles, we offer access to more than 60,000 electronic journals, 30,000 e-books and 240 databases – much of this material is not available freely on the Internet. Online resources can be accessed on and off-campus. Moreover, a sizeable body of regional research may be accessed from maps, newspapers, theses and other materials in the West Indiana and Special Collections Division.

In addition to providing resources you may consult and borrow, the Library offers audio-visual, computing, photocopying and printing facilities, as well as areas for quiet study and seminars. Our Reference Service will assist you with your research questions. You may attend specialist information literacy training and arrange for consultation sessions that will help you to improve your research and citation skills. Do attend our Library orientation session and tour to ensure, from the start, that you have access to essential support for your studies.

My staff and I will be pleased to assist you with any enquiries you may have. You can visit us on Floor 2 of the Alma Jordan Library or contact me:

Mrs Shamin Renwick
BSc, MPhil, MLIS (UWI), FCLIP
Faculty Liaison Librarian (Food and Agriculture)
Science and Agriculture Division
The Alma Jordan Library
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E-mail: shamin.renwick@sta.uwi.edu
Alma Jordan Library: http://libraries.sta.uwi.edu/ajl

Food and Agriculture – Library page: