



UWI
ST. AUGUSTINE
CAMPUS

Food & Agriculture
REGULATIONS & SYLLABUSES

UNDER GRADUATE DIPLOMA IN AGRICULTURE

2016/2017

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HOW TO USE THIS BOOKLET

The Faculty handbooks (also known as Faculty Booklets) are available on the Campus website in PDF format at <http://sta.uwi.edu/faculty-booklet-archive> . The handbooks include:

- Relevant **Faculty Regulations** – eg. Admission Criteria, Exemptions, Progression, GPA, Leave of Absence, etc.
- Relevant **University Regulations** including the Plagiarism Regulations and Declaration Forms
- Other Information on **Co-Curricular** courses, **Language** courses and **Support for Students** with physical and other disabilities or impairments.
- **Programme Descriptions and Course Listings** which include the list of courses to be pursued in each programme (degrees, diplomas and certificates), sorted by level and semester; course credits and credits to be completed for each programme – majors, minors and specials.
- **Course Descriptions** which may include details such as prerequisites and methods of assessment.

Students should note the following:

The Regulations and Syllabuses issued in the Faculty Handbooks should be read in conjunction with the following University Regulations:

- The Undergraduate Regulations and Syllabuses should be read in conjunction with the University regulations contained in the [Undergraduate Handbook](#)
- The Postgraduate Regulations and Syllabuses should be read in conjunction with the University regulations contained in the [Postgraduate Handbook](#) and the [Board for Graduate Studies and Research Regulations for Graduate Diplomas and Degrees \(with effect from August 2014\)](#)

Progress through a programme of study at the University is governed by Faculty Regulations *and* University Regulations. Should there be a conflict between Faculty Regulations and University Regulations, **University Regulations shall prevail**.

Notwithstanding the contents of the Faculty Handbooks, the University reserves the right to modify, add or altogether remove from a Programme, certain aspects of any course offered by the University, as described in either the Handbooks, Course outlines or any other Course materials provided.

ACADEMIC CALENDAR 2016-2017

ACTIVITY	SEMESTER 1 AUGUST - DECEMBER 2016	SEMESTER 2 JANUARY - MAY 2017	SUMMER MAY - JULY 2017
Semester BEGINS	August 28, 2016	January 15, 2017	May 28, 2017
Registration	August 22 – September 16, 2016	January 09 – February 03, 2017	May 22 – June 17, 2017
Teaching BEGINS	September 05, 2016	January 16, 2017	May 29, 2017
Orientation and Ice Breaker (UWILIFE)	September 02, 2016		
Late registration / Late Payment Fee of TT\$200.00 APPLIES	September 12 -16, 2016	January 30 – February 03, 2017	June 12 - 17, 2017
Application to Carry forward Coursework ENDS Change in Registration (ADD/DROP) ENDS Application for Leave of Absence ENDS Application for Credit and Exemptions ENDS	September 09, 2016	February 03, 2017	June 17, 2017
Faculty Overrides (submission of overrides and deadline for entry in Banner)	August 22 – September 13, 2016	January 09 – 31, 2017	May 22 – June 14, 2017
Teaching ENDS	December 02, 2016	April 13, 2017	July 08, 2017
Examinations BEGIN and END	December 05 – 21, 2016	April 28 – May 19, 2017	July 11 – 21, 2017
Semester ENDS	December 21, 2016	May 19, 2017	July 21, 2017
Semester II Break	April 18 – 23, 2017		
ELPT TEST: Scheduled for the following dates	August 22, 2016 and October 13, 2016	February 16, 2017	-
SPECIALY-ADMITTED 2016/2017	SEMESTER I	SEMESTER 2	ENTIRE ACADEMIC YEAR
Application for Specially Admitted OPENS	November 16, 2015	November 16, 2015	November 16, 2015
Application for Specially Admitted ENDS	June 30, 2016	December 16, 2016	June 30, 2016
CEREMONIES			
Matriculation Ceremony	September 15, 2016		
Graduation Dates	October 08, 2016 (Open Campus) October 20 - 22, 2016 (St. Augustine)		

Revised June 22, 2016. This calendar is subject to change by the appropriate authorities.

For the full and most up-to-date calendar, visit <https://sta.uwi.edu/registration/academiccalendar.asp>

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 you to this relatively new Undergraduate Diploma in Agriculture (UDA) offered in the Faculty of Food and Agriculture. This programme is a competency-based academic product designed to prepare you for multiple career tracks. Most importantly the curriculum is aligned with the undergraduate degree programmes to allow UDA graduates to pursue the BSc in only two years of full time study. In particular, I especially commend you for choosing to pursue post-secondary level training in the FFA. 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 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. These programmes are coordinated from the three Departments: Agricultural Economics and Extension, Geography and Food Production.



The UDA is part of a growing list of FFA programme offerings which is packaged in a flexible manner to allow students the freedom they need to pursue programmes of their choice in order for them to realize their 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. Be assured that the UWI is committed to offer curricula that are up-to-date, of high quality and of regional relevance.

I urge you to read this booklet carefully 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 Office of the Head, Department of Food Production. For a specific course related issues of academic nature, please contact the lecturer of the course.

I do hope that this academic year will be an enjoyable yet productive 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 an enduring 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.

Wayne Ganpat (PhD)
DEAN

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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UWI UNDERGRADUATE DIPLOMA IN AGRICULTURE

Historically, students admitted to pursue degree programmes in agriculture have come mainly from two sources. They were (i) holders of an agricultural diploma or Associate degree in Agriculture and (ii) CSEC graduates admitted through a one year Pre-agriculture programme conducted by the Faculty. Following the merger of Agriculture with Natural Science, the Pre-agriculture programme was disconnected from Agriculture and reoriented to Science. With the re-establishment of the Agriculture and allied disciplines as a separate Faculty, the need for admission of more students who are better prepared to pursue agriculture was apparent and the Faculty was mandated to formulate an appropriate solution. The Faculty's response based on its own experience, lessons gained from consultation of stakeholders, as well as from reviews of other diploma level programmes in the region was to introduce a two-year undergraduate diploma programme in agriculture, following which successful students will be admitted to the BSc programme in Agriculture for two years. Therefore, this diploma programme was designed to serve as a suitable platform for preparing students for a career in agriculture.

GRADUATE CAREER PATHS

This diploma programme is designed to equip graduates with the necessary competencies, skill sets and knowledge to:

- become modern-day agriculturalists and agricultural entrepreneurs
- become specialists in agricultural technologies
- commence a career in the agriculture sector as entry level technical or support personnel
- become agricultural extension agents
- pursue degree level training in agricultural science and technology-oriented programmes
- serve as teachers of agriculture at the primary school level

ACADEMIC QUALITY ASSURANCE

Diverse approaches will be employed for quality assurance purposes of the UWI diploma programme. Periodic internal and external review of the programme will be employed in accordance with existing UWI practice. Members of FFA academic staff will serve as examiners in relevant courses. Internal evaluation of the programme will take into account inputs from stakeholders.

PROGRAMME CONTENT

The curriculum is designed to facilitate integration of knowledge, competencies and skills development across the curriculum to reflect the multi-disciplinary nature of agriculture. The programme incorporates information technology and communication skills in a curriculum which integrates the competencies of the agricultural and other support sciences, including the social sciences, with agricultural technology. This approach is adopted to strengthen the science and communication content of the curriculum while maintaining a sound practical agricultural base. The incorporation of the relevant science topics in this diploma is justified as a means of correcting the deficiency observed historically among new admissions to BSc Agriculture with diploma level qualifications from some regional TLIs where the curricula are based on relatively low levels of science and in a few cases technology contents.

PROGRAMME OF STUDY

The programme of study for the Undergraduate Diploma in Agriculture (UDA) offered in the FFA is outlined in Section 4 of the Regulations below.

PERIOD OF STUDY

The period of study for the Diploma in Agriculture shall normally be two (2) years of full-time study. Part-time admission and certificate level training for UWI intake will be considered in the future.

COURSE DELIVERY MODES

The training for this Diploma requires mastery of a range of skills and competencies, and knowledge pertinent to the level, therefore, various relevant delivery modes suitably adapted for each course will be used to ensure the achievement of the curricula goals. The delivery modes would include lectures supported by active learning strategies such as tutorials, projects, field and laboratory-based practicals and field visits. Specially designed courses will be offered at the University Field Station to ensure that the graduates are well-grounded in the practical aspects of food and agriculture from the farm to the table. Course assessments are all designed to match the requirements of each course. Details will be provided in the individual course outlines by the lecturers.

AWARD OF THE DIPLOMA

The Diploma in Agriculture will be awarded on successful completion of 66 credits. In order to qualify for this award, students must have passed all the required courses and attained a minimum cumulative grade point average (CGPA) of two (2.0).

MATRICULATION AND ADMISSION LEVELS TO BSc PROGRAMMES IN FFA

The graduates of the Diploma in Agriculture will meet the matriculation requirements for admission to specific BSc programmes in the FFA at the year two level.

PROGRAMME COORDINATION

The Department of Food Production will coordinate the UDA.

REGULATIONS FOR THE UNDERGRADUATE DIPLOMA IN AGRICULTURE (UDA)

1. PREFACE

The UDA is a two-year full time programme which targets holders of a CSEC certificate interested in Diploma level training in agriculture as a means of matriculating to degree programmes in Agriculture or a career at the technical level in the food and agriculture sector chain. In addition to regulations governing its administration, the UDA is subject to both University and FFA regulations.

2. QUALIFICATIONS FOR ADMISSION TO THE UDA

In order to be admitted into the Undergraduate Diploma programme in Agriculture candidates must have:

- passes in CSEC General Proficiency Level examination at Grades I, II or since 1998 III (or equivalent qualifications) in Mathematics, English Language and three subjects with at least one science subject, which may include Agricultural Science (both the single and double awards count as one subject), Biology, Chemistry, Geography, Integrated Science, or Physics; or
- any other qualification acceptable by the FFA

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3. QUALIFYING

English Language and Mathematics are compulsory for admission into the UDA. Candidates who do not possess the minimum entry requirements in one or both of these subjects but meet other requirements may be admitted to a qualifying semester, subject to approval by the Faculty, to pursue relevant courses to improve their competency in Mathematics and/or English Language before entry into the UDA.

ENGLISH LANGUAGE: Candidates who do not possess a pass in CSEC English A at Grades I, II or since 1998, Grade III, a Grade A in GCE O' Level/BGCSE English Language, would be required to pass the English Language Proficiency Test offered by the Faculty of Humanities and Education.

MATHEMATICS: Candidates who do not possess a pass in CSEC Mathematics at Grades I, II or since 1998, Grade III, a Grade A in GCE O' Level/BGCSE Mathematics, would be required to pass the Course IYMS 1001/ MATH 0103: Improving Your Math Skills offered at Open Campus.

Students will be allowed to repeat their qualifying semester but must attain the minimum requirements of passes in ELPT or IYMS 1001/ MATH 0103: Improving your Math Skills before entry into the UDA.

4. OUTLINE OF THE UDA PROGRAMME

Students admitted to the UDA programme are expected to complete 66 credits over a two-year period. The structure of the programme is given below:

YEAR 1

SEMESTER 1

Course Code	Course Title	Credits
AGRI 0101	Agriculture, Food and the Environment	3
AGRI 0102	Agricultural Physics	2
AGRI 0103	Agricultural Chemistry	3
AGRI 0104	Agricultural Biology I	3
AGRI 0105	Language and Communication	2
AGRI 0106	Computer and Information Literacy	2
Total Credits		15

SEMESTER 2

Course Code	Course Title	Credits
AGRI 0107	Mathematics	3
AGRI 0108	Agricultural Biology II	3
AGRI 0109	Agricultural Biochemistry	3
AGRI 0110	Introductory Soils Science	3
AGRI 0111	Crop Production I	2
AGRI 0112	Livestock Production I	2
Total Credits		16

SEMESTER 3

Course Code	Course Title	Credits
AGRI 0113	Introduction to Farm Equipment and Buildings	3
AGRI 0114	Farm Practice I	4
Total Credits		7

YEAR 2

SEMESTER 1

Course Code	Course Title	Credits
AGRI 0201	Agricultural Economics I	3
AGRI 0202	Sociology of Agriculture	3
AGRI 0203	Crop Production II	3
AGRI 0204	Introduction to Crop and Livestock Health and Food Safety	3
AGRI 0205	Farm Practice II	3
Total Credits		15

SEMESTER 2

Course Code	Course Title	Credits
AGRI 0206	Introduction to Post-Production Technology	2
AGRI 0207	Tropical Aquaculture	2
AGRI 0208	Livestock Production II	3
AGRI 0209	Agricultural Economics II	3
AGRI 0210	Farm Practice III	3
Total Credits		13

PROGRAMME TOTAL

66

Note: AGRI 0201 is Introduction to Microeconomics and AGRI 0209 is Macroeconomics Fundamentals for Caribbean Agriculture.

5. COURSE EXEMPTIONS

Students may be granted exemption with or without credit for up to fifteen credits of UDA courses upon presentation of the relevant supporting documentations from an institution recognized by the UWI. Requests for exemption/credit should be made as part of an application for admission to the UDA. Exemption/credit will normally be determined on a case-by-case basis taking into consideration the grades attained and the length of time since they were obtained.

6. REGISTRATION

- New students are admitted to the UDA only during the beginning of each academic year.
- A student must register for courses at the beginning of each SEMESTER WITHIN THE PRESCRIBED PERIODS, precise information about which can be obtained from the UWI website and/or notice boards.
- A student's registration is deemed complete only when he/she has been granted financial clearance by the University.

- (d) Students may normally register for the maximum number of credits as determined by the programme for each semester. If a student wishes to register for additional courses, then he/she should apply for permission to do so during registration.
- (e) A student who has recorded a pass in a course will not be permitted to re-register for that course.
- (f) Registration for a course constitutes registration for the associated examination.

7. PROGRESS THROUGH THE PROGRAMME

- (a) Academic standing of every student will be determined on the basis of cumulative grade point average (CGPA).
- (b) A student must normally maintain a CGPA of 2.0 to progress through the programme.
- (c) Any student whose CGPA falls below 2.0 at the end of any semester would normally be required to withdraw from the programme for a year.

8. EXAMINATION

- (a) In order to pass a course, a candidate must have a satisfactory attendance record (i.e. a minimum of 90% attendance) for both classes and all allied activities, and must have satisfied the examiners in the associated examinations.
- (b) Assessment in each course could involve a combination of methods, and assessment details on each course are given in the outline of each course.
- (c) End of semester written examinations for each course will be of two (2) hours duration.
- (d) In order to satisfy the examiners, candidates must obtain a minimum mark of 50% in each course.
- (e) Any student who, having registered for a course, fails to take the examination on that course shall be deemed to have failed the examination unless:
 - (i) Prior approval was given for the student to drop the course by the relevant authority or;
 - (ii) The student could not attend because of illness or other grave cause. In the case of illness, a medical certificate must be submitted to the Examination's Section of the Registry within 7 days after the specific examination.
- (f) A student who fails one or more courses while maintaining a CGPA of 2.0 will be granted permission to sit supplementary examinations in the failed courses during the July/August period provided that the total number of failed credits is no more than six (6).
- (g) Students taking written examinations shall be subject to the University Examination Regulations for First Degrees, Diplomas and Certificates save that the functions assigned to the Campus Committee on Examinations shall be performed by the Senior Assistant Registrar, Examinations or his/her nominee.

9. GENERAL REQUIREMENTS FOR THE AWARD OF THE UNDERGRADUATE DIPLOMA

In order to be eligible for the award of the undergraduate diploma in agriculture, candidates must have:

- (a) been in satisfactory attendance normally for a period equivalent to four (4) semesters of full-time study from entry at Year I;
- (b) obtained passes in all prescribed courses amounting to 66 credits; and
- (c) maintained a minimum CGPA of 2.0

10. TIME LIMITS FOR COMPLETION AND ENFORCED WITHDRAWALS

- (a) The time period allowed for completion of the UDA for full-time students shall normally be a minimum of two (2) and a maximum of three (3) academic years.
- (b) Students who fail to complete the UDA by the end of the third academic year will normally be required to withdraw from the programme subject to 10 (c) below.
- (c) Students who fail to complete the requirements within the prescribed maximum period but need no more than nine (9) credits to graduate may apply for an extension of time. Such cases will be considered on case-by-case basis.
- (d) For the purposes of Regulations 10 (a) to 10 (c) above, any semester for which a student has been granted Leave of Absence from the UDA shall not be counted.
- (e) A student who was required to withdraw from the UDA MUST REAPPLY FOR ENTRY THROUGH THE NORMAL PROCEDURE IN ACCORDANCE WITH THE UWI SCHEDULE FOR APPLICATION TO ENROL IN ITS PROGRAMMES.
- (f) A student who was required to withdraw and 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. Such students will be treated as first time applicants if they apply for re-admission.

11. LEAVE OF ABSENCE AND VOLUNTARY WITHDRAWALS

- (a) A student who wishes to be absent from the UDA for a semester or more must apply 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 four (4) consecutive semesters.
- (d) Applications for Leave of Absence should normally be submitted no later than the end of the change in registration period in the relevant semester.

- (e) A student who does not register for any course during a semester without having obtained Leave of Absence will be deemed to have dropped out from the UDA and will have to re-apply for entry into the programme if he/she so desires.
- (f) A student who drops out or 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 outdated. All grades previously obtained except those for courses declared outdated shall be part of the student's academic record.

12. GPA AND AWARD OF DIPLOMA

- (a) A CGPA based on all courses completed for which grades have been obtained (except those taken on a Pass/Fail basis) will be determined and forms part of the academic record of a student.
- (b) In the determination of the CGPA, all failed courses are included treating each repeat as a separate and independent contribution for this purpose.
- (c) Students who successfully complete the programme will be awarded the diploma and those who perform exceptionally well will be awarded the diploma with distinction.

13. GRADING SCHEME

The Grading Scheme used in the FFA is adapted for the UDA as follows:

MARK	GRADE	QUALITY POINTS
90-100	A+	4.3
80-89	A	4.0
75-79	A-	3.7
70-74	B+	3.3
65-69	B	3.0
60-64	B-	2.7
55-59	C+	2.3
50-54	C	2.0
40-49	F1	1.7
30-39	F2	1.3
0-29	F3	0.0

14. AWARD OF DIPLOMA

A student who completes the programme with a CGPA of 3.7 or above will be awarded the Diploma with Distinction.

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 as well as 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 management, Agricultural Economics, Agricultural Extension, Aquaculture, Consumer Sciences, Crop Science, Entrepreneurship, Food Service Management, Forestry, Human Ecology, Geography, Livestock Science, Nutrition/Dietetics, Soil Science, and Wildlife.

Aside from holding over 430,000 books, 800 print journal titles, and 55,300 bound journal issues. We offer access to more than 67,000 electronic journals, 35,200 e-books and 252 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. The library's Institutional Repository (UWISpace) provides access to abstracts and full texts of UWI theses, as well as publications of our own faculty members.

In addition to providing information resources for teaching and learning, the library provides access to audio-visual, computing, photocopying and printing facilities, as well as access to spaces for individual and group study. Our Reference Service/ Ask-A-Librarian Service can assist you with your research questions and other library related queries. 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 sessions and tours at the start of the academic year and throughout, to ensure you are aware of the essential support the library provides for your studies.

We are always willing to assist, and so look forward to you visiting the Science and Agriculture Division, Floor 2 of the Alma Jordan Library or contacting us by phone, email or using our [Ask-A-Librarian Service](#).

Miss Michelle Gill

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 Faculty Liaison Librarian (Food and Agriculture & Science and Technology)
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 The Alma Jordan Library's website:
<http://libraries.sta.uwi.edu/ajl>
 The library's webpage for Food and Agriculture:
<http://libraries.sta.uwi.edu/ajl/index.php/food-and-agriculture>

STUDENT LIFE AND DEVELOPMENT DEPARTMENT (SLDD)

The Department is the first and most important stop for high quality academic support for the diverse populations of students throughout The University including full-time, part – time, evening and mature students, international and regional students, student athletes and students with special needs (disabilities).

The Department now provides the following services:

- Disability Support
- Academic Support
- International and Regional Student Support
- Postgraduate and Mature Student Support
- Counselling and Psychological Services (CAPS)

Support Services for STUDENTS WITH SPECIAL NEEDS (Temporary and Permanent)

- Provision of Aids and Devices such as laptops, USB drives, tape recorders and special software.
- Special Accommodations for Examinations
- Classroom Accommodations
- Liaison with Faculties and Departments, Deans, HODs, Lecturers

Students with special needs should make contact before or during registration. Every effort will be made to facilitate your on – campus requirements in terms of mobility, accommodation, coursework, examination, and other areas. No student of The UWI will be discriminated against on the basis of having special needs. Sharing your needs before registration will enable us to serve you better as a part of the Campus Community.

Academic Support Services for ALL STUDENTS

- Educational Assessment - LADS (Dyslexia) – LASSI (Study Skills)
- Time Management
- Examination Strategies
- Workload Management
- Career Planning
- Study Skills
- Peer Tutoring
- Peer-Pairing
- Counselling Services (CAPS)

How do I register at SLDD?

- Visit SLDD to make an appointment to meet with the Manager.
- Complete the required **registration** form.
- Students with disabilities must submit a medical report from a qualified medical professional.
- An assessment of the students' needs will be conducted.
- The required assistance will be provided.

All students experiencing academic challenges should communicate with **Ms. Jacqueline Huggins**, Manager, Student Life and Development Department (SLDD), Heart Ease Building, Heart Ease Car Park, Wooding Drive, St. Augustine Campus.

Tel: (868) 662-2002 Exts:83921, 83923, 84254, 83866

Fax/ Direct Line: (868) 645-7526

Email sldd.office@sta.uwi.edu

Hours: Mondays to Fridays: 8:30 am to 4:30 pm

Registration forms are available at the office or from the website at <http://sta.uwi.edu/sldd/>

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

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- 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.

PLAGIARISM DECLARATION
THE UNIVERSITY OF THE WEST INDIES
The Office of the Board for Undergraduate Studies
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 detection 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 detection 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 _____

UNDERGRADUATE DIPLOMA IN AGRICULTURE – COURSE DESCRIPTIONS

YEAR: 1

SEMESTER: 1

COURSE CODE: AGRI 0101

COURSE TITLE: AGRICULTURE, FOOD AND THE ENVIRONMENT

NUMBER OF CREDITS: 3

PRE-REQUISITES: NONE

COURSE CONTENT: Agriculture and development; Caribbean Agriculture: its history and transition; system and its economy; Agriculture, food and nutrition; food security, global and regional issues; agricultural technologies and the environment, human health and sustainable agriculture.

ASSESSMENT:

Coursework 80%

Final Examination 20%

YEAR: 1

SEMESTER: 1

COURSE CODE: AGRI 0102

COURSE TITLE: AGRICULTURAL PHYSICS

NUMBER OF CREDITS: 2

PRE-REQUISITES: NONE

COURSE CONTENT: Atmosphere: physics of gases, water vapour in the atmosphere, variation of pressure, density, vapour pressure in the atmosphere with altitude. Heat and mass transfer: transfer of momentum, heat and mass at boundary layers between the atmosphere and various surfaces, resistances to momentum, conservation – free and forced, conduction with application to heat flow in soils.

Introduction to soil physics: energy balance concept, energy balance in soils, moisture content, soil densities, soil water potential, soil moisture characteristics, hydraulic conductivity, thermal conductivity, soil aeration.

ASSESSMENT:

Coursework 60%

Final Examination 40%

YEAR: 1

SEMESTER: 1

COURSE CODE: AGRI 0103

COURSE TITLE: AGRICULTURAL CHEMISTRY

NUMBER OF CREDITS: 3

PRE-REQUISITES: NONE

COURSE CONTENT: Introduction; weights, measures and measurement system; atoms and the periodic table; ionic compounds; mass and moles; chemical reactions; solutions and concentration; acids, bases, and pH and buffer systems; covalent bonds and functional groups; saturated hydrocarbons; unsaturated hydrocarbons; oxygen containing organics; nitrogen containing organics; applications of chemistry to agriculture.

ASSESSMENT:

Coursework 80%

Final Examination 20%

YEAR: 1

SEMESTER: 1

COURSE CODE: AGRI 0104

COURSE TITLE: AGRICULTURAL BIOLOGY I

NUMBER OF CREDITS: 3

PRE-REQUISITES: NONE

COURSE CONTENT:

Taxonomy of living organisms, the plant and animal kingdoms, higher plants and animals; cell structure, growth and division; growth in plants and animals; plant habit, morphology and anatomy of leaves, stems, roots, flowers and fruits of a range of crop species; animal morphology and anatomy of the skeletal, muscular, nervous, digestive, circulatory, respiratory, excretory, endocrinal and reproductive systems of a range of livestock species; introduction to genetics – basic concepts; genotype and phenotype; inheritance; development of livestock breeds and crop cultivars.

ASSESSMENT:

Coursework 80%

Final Examination 20%

YEAR: 1

SEMESTER: 1

COURSE CODE: AGRI 0105

COURSE TITLE: LANGUAGE AND COMMUNICATION

NUMBER OF CREDITS: 2

PRE-REQUISITES: NONE

COURSE CONTENT:

Basic concepts in communication; steps in effective written, oral and multimedia communication; reading skills; study skills; information literacy and research skill development; writing with purpose; exercises in critical thinking.

ASSESSMENT:

Coursework 100%

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YEAR: 1

SEMESTER: 1

COURSE CODE: AGRI 0106

COURSE TITLE: COMPUTER AND INFORMATION LITERACY

NUMBER OF CREDITS: 2

PRE-REQUISITES: NONE

COURSE CONTENT: Hardware components and software categories and function; use of keyboard, mouse, find and start applications, manipulating Windows, edit documents, save files; page layout, formatting, table of contents, page numbering, using and creating templates, inserting tables and pictures; understanding cells, working with text, numbers and dates, basic formatting working with formulas, page layout options, charts and graphs and printing; slide preparation text, insertions (pictures, tables, graphs and graphs); slide transitions and a animations; presentation techniques; hardware and software required for Internet use; using a browser; understanding URLs; search strategies; evaluation of search results; saving information and pictures; email chat; using databases; classification of information in library systems; active reading; note taking; plagiarism; references.

ASSESSMENT:

Coursework 100%

YEAR: 1

SEMESTER: 2

COURSE CODE: AGRI 0107

COURSE TITLE: MATHEMATICS

NUMBER OF CREDITS: 3

PRE-REQUISITES: CSEC MATHEMATICS OR EQUIVALENT

COURSE CONTENT: Review of numbers and their operations, Matrices and Trigonometry; functions: Linear, quadratic, rational, exponential, logarithmic and trigonometric. Differential and Integral Calculus.

ASSESSMENT:

Coursework 60%

Final Examination 40%

YEAR: 1

SEMESTER: 2

COURSE CODE: AGRI 0108

COURSE TITLE: AGRICULTURAL BIOLOGY II

NUMBER OF CREDITS: 3

PRE-REQUISITES: AGRI 0104 - AGRICULTURAL BIOLOGY I

COURSE CONTENT: Growth and development- definitions, types of growth in plants and animals, measurement of growth; photosynthesis, translocation, assimilate partitioning and plant growth and development; water relations in cells and whole plants, water uptake, transpiration; nutrient uptake and function in plant growth and development; seedling germination, growth and development; digestion, respiration, circulation, muscle movement and growth in livestock animals; reproduction and lactation; growth regulators in plant and livestock; environmental factors – light, temperature, water, relative humidity, nutrients, air quality- affecting crop and livestock growth and development; introduction to ecology, ecosystems, agroecosystems.

Assessment:

YEAR: 1

SEMESTER: 2

COURSE CODE: AGRI 0109

COURSE TITLE: AGRICULTURAL BIOCHEMISTRY

NUMBER OF CREDITS: 3

PRE-REQUISITES: AGRI 0103 - AGRICULTURAL CHEMISTRY AND AGRI 0104 - AGRICULTURAL BIOLOGY I

COURSE CONTENT:

The cell and subcellular organelles; chemistry of carbohydrates; amino acid & protein chemistry; lipids and membranes; nucleotides and nucleic acids; energy in the cell; enzymes; glycolysis; tricarboxylic acid (TCA) cycle.

Assessment:

Coursework 50%

Final Examination 50%

YEAR: 1

SEMESTER: 2

COURSE CODE: AGRI 0110

COURSE TITLE: INTRODUCTORY SOILS SCIENCE

NUMBER OF CREDITS: 3

PRE-REQUISITES: NONE

COURSE CONTENT:

Soil as a natural resource; roles soils play in the environment soil variability and distribution in the Caribbean; soil components and formation; soil physical properties - soil texture, structure and porosity, soil water and soil aeration and temperature; soil chemical properties - clay mineralogy, soil reaction, CEC, SOM; soil biological properties - soil organisms; soilless media and amended soils.

Assessment:

Coursework 80%

Final Examination 20%

THE FACULTY OF FOOD & AGRICULTURE
UNDERGRADUATE DIPLOMA IN AGRICULTURE

YEAR: 1

SEMESTER: 2

COURSE CODE: AGRI 0111

COURSE TITLE: CROP PRODUCTION I

NUMBER OF CREDITS: 2

PRE-REQUISITES: AGRI 0104 - AGRICULTURAL BIOLOGY I

COURSE CONTENT: The crop concept – hunter-gathering system, domestication, yield and crop production management; core concepts/elements in crop production management – definition and importance of land clearing, land preparation, cultivars, planting material, crop establishment, and plant population, water and nutrition management, crop protection, harvesting; influence of plant genotype and environmental factors on crop production management; introduction to tropical vegetable and grain crops – food value and types based on edible organs; good agricultural practices (GAPS) for selected tropical vegetables (leafy, solanaceous, cucurbits, crucifers) and grain (cereals and legumes) crops – site selection, cultivar selection, planting material selection; establishment methods; spacing and arrangement; water management – drainage, irrigation, conservation; nutrition management (soil and issue analyses) – organic and inorganic nutrient sources, application rates, methods, timing; plant training; nutrient conservation; integrated pest management practices, harvesting, maturity, harvest method; transport; production systems – characteristics, types, advantages and disadvantages, monocultural and polycultural systems - field; protected; container systems; technologies for each practice – traditional and modern – advantages and disadvantages; application of technologies to systems.

ASSESSMENT:

Coursework 100%

YEAR: 1

SEMESTER: 2

COURSE CODE: AGRI 0112

COURSE TITLE: LIVESTOCK PRODUCTION I

NUMBER OF CREDITS: 2

PRE-REQUISITES: AGRI 0104 - AGRICULTURAL BIOLOGY I

COURSE CONTENT: Why non-ruminants?; management practices including breeds and breeding, feeding, health, housing, record keeping, and technology; harvesting and use of non-ruminant products.

ASSESSMENT:

Coursework 70%

Final Examination 30%

YEAR: 1

SEMESTER: 3

COURSE CODE: AGRI 0113

COURSE TITLE: INTRODUCTION TO FARM EQUIPMENT AND BUILDINGS

NUMBER OF CREDITS: 3

PRE-REQUISITES: AGRI 0102 - AGRICULTURAL PHYSICS

COURSE CONTENT: The farm tractor and farm power – construction of an engine, combustion engine, four stroke gasoline and diesel engines, two stroke engines; fuel, lubrication, cooling and transmission systems; power trains; hydraulic systems; tyres and tracks; tractor implements for land preparation; other equipment - seeding, fertilizer application, crop protection and harvesting; irrigation equipment and pumps; agricultural buildings and related engineering terminology e.g. stress, strain, tension and compression; building design and considerations – soil properties, elements of design and construction, types of loads; roofs, walls, floors drainage, ventilation, lighting; housing for poultry, pigs, dairy cattle, sheep and goats, rabbits.

ASSESSMENT:

Coursework 100%

YEAR: 1

SEMESTER: 3 (10 WEEKS)

COURSE CODE: AGRI 0114

COURSE TITLE: FARM PRACTICE I

NUMBER OF CREDITS: 4

PRE-REQUISITES: AGRI 0111 – CROP PRODUCTION I AND AGRI 0112 – LIVESTOCK PRODUCTION I

COURSE CONTENT: The University Field Station – location, functions, layout, infrastructure, operations, inputs and sources, products and markets, human resources; the Meteorology Station – equipment and function; interpretation of meteorological data; soil environment – soil physical conditions. Plant propagation – seedlings, cuttings, divisions, separations; the nursery – facilities and sanitation; media – types, preparation and management; crop establishment in the field and under protective cover; crop maintenance – irrigation, nutrition, crop protection; harvesting, transport, grading, cleaning, packaging, storage, sales; agricultural chemical and tool inventory. Livestock facilities maintenance – sanitation of pens, fence repair; livestock husbandry – feeding, watering, deworming; poultry processing; agricultural equipment and tools – use, safety issues, preventative maintenance and storage; sales - crop and livestock products. Basic first aid.

ASSESSMENT:

Coursework 100%

THE FACULTY OF FOOD & AGRICULTURE
UNDERGRADUATE DIPLOMA IN AGRICULTURE

YEAR: 2

SEMESTER: 1

COURSE CODE: AGRI 0201

COURSE TITLE: AGRICULTURAL ECONOMICS I

NUMBER OF CREDITS: 3

PRE-REQUISITES: NONE

COURSE CONTENT: General overview; using quantitative tools in economics; introduction to how markets function; theories of consumer behaviour; introduction to the theory of production; how markets function under perfect competition; an introduction to monopoly.

ASSESSMENT:

Coursework 40%

Final Examination 60%

YEAR: 2

SEMESTER: 1

COURSE CODE: AGRI 0202

COURSE TITLE: SOCIOLOGY OF AGRICULTURE

NUMBER OF CREDITS: 3

PRE-REQUISITES: NONE

COURSE CONTENT:

Introduction to important concepts: sociology and rural sociology; importance of rural sociology in agricultural extension and their interrelationship; characteristics of West Indian, rural society - differences and relationships between rural and urban societies; social groups and farmers' groups and associations; social stratification; culture and different cultural concepts and their role in agricultural extension; social values, social control and attitudes types and their role in agricultural extension; educational psychology, motivation and principles of learning.

ASSESSMENT:

Coursework 40%

Final Examination 60%

YEAR: 2

SEMESTER: 1

COURSE CODE: AGRI 0203

COURSE TITLE: CROP PRODUCTION II

NUMBER OF CREDITS: 3

PRE-REQUISITES: AGRI 0111- CROP PRODUCTION I

COURSE CONTENT: Introduction to root and tuber crops (sweet potato, cassava, yam, dasheen), banana and plantain and perennial crops (breadfruit and chataigne, cocoa, citrus, mango; indigenous fruits) – food value; methods of utilization; market specifications for different uses; influence of plant biology and environmental factors on crop production management; good agricultural practices for selected root and tuber crops, banana and plantain, and perennial crops; production systems and technologies; utilisation.

ASSESSMENT:

Coursework 100%

YEAR: 2

SEMESTER: 1

COURSE CODE: AGRI 0204

COURSE TITLE: INTRODUCTION TO CROP AND LIVESTOCK HEALTH AND FOOD SAFETY

NUMBER OF CREDITS: 3

PRE-REQUISITES: AGRI 0111 – CROP PRODUCTION I AND AGRI 0112 – LIVESTOCK PRODUCTION I

COURSE CONTENT: Prokaryotic and eukaryotic cells, structure and function of prokaryotic cells; types of microorganisms – bacteria, fungi, viruses; microscopy and specimen preparation; identification of microorganisms, methods for microbiological examination – isolation and cultivation; microbial growth – factors influencing growth; Food-borne diseases, control of microorganisms; crop pests – weeds –definition, losses due to weeds, weed biology- growth development and ecological concepts, competition and allelopathy, weed identification, principles and methods of weed management; crop disease – symptoms, disease agents – attack and defence mechanisms, epidemiology, principles of plant disease control; symptoms of insect and mite damage, biology of insect pests; principles of insect and mite pests management; Integrated Pest Management in crops; pesticides – formulations, selectivity, uses, and application, toxicology and safety; livestock health - losses caused by diseases, causes of disease, body defences and immunity, symptoms and diagnosis of disease; clinical examination; disease prevention and control for selected major livestock diseases; principles of drug treatment and administration.

ASSESSMENT:

Coursework 70%

Final Examination 30%

THE FACULTY OF FOOD & AGRICULTURE
UNDERGRADUATE DIPLOMA IN AGRICULTURE

YEAR: 2

SEMESTER: 1

COURSE CODE: AGRI 0205

COURSE TITLE: FARM PRACTICE II

NUMBER OF CREDITS: 3

PRE-REQUISITES: AGRI 0114 - FARM PRACTICE I

COURSE CONTENT: The Meteorology Station - interpretation of meteorological data; soil environment – soil physical and chemical conditions; plant propagation – seedlings, cuttings, divisions, separations; the nursery – facilities and sanitation; media – types, preparation and management; crop establishment in the field and under protective cover; crop maintenance – irrigation, nutrition, crop protection; harvesting, transport, grading, cleaning, packaging, storage, sales; agricultural chemical and tool inventory; agricultural equipment and tools – use, safety issues, preventative maintenance and storage; sales - crop products; prepare a meal based on farm products (Note: the content will vary depending on the nature of the enterprise selected).

ASSESSMENT:

Coursework 100%

YEAR: 2

SEMESTER: 2

COURSE CODE: AGRI 0206

COURSE TITLE: INTRODUCTION TO POST-PRODUCTION TECHNOLOGY

NUMBER OF CREDITS: 2

PRE-REQUISITES: AGRI 0203 – CROP PRODUCTION II

COURSE CONTENT:

Basic principles for preserving crop and livestock products; basic principles and techniques for transformation of farm products; stages in the handling chain.

ASSESSMENT:

Coursework 100%

YEAR: 2

SEMESTER: 2

COURSE CODE: AGRI 0207

COURSE TITLE: TROPICAL AQUACULTURE

NUMBER OF CREDITS: 2

PRE-REQUISITES: AGRI 0104 - AGRICULTURAL BIOLOGY I AND AGRI 0108 - AGRICULTURAL BIOLOGY II

COURSE CONTENT: History, status and future of aquaculture; hatchery design and operation; farm and pond design and operation; water quality management; intensive systems; fish feed technology; fish diseases and control; biology and culture of selected species of finfish, shell fish, sea weed and aquatic reptiles; polyculture and integrated aquaculture; the ornamental fish trade; environmental aspects of aquaculture.

ASSESSMENT:

Coursework 70%

Final Examination 30%

YEAR: 2

SEMESTER: 2

COURSE CODE: AGRI 0208

COURSE TITLE: LIVESTOCK PRODUCTION II

NUMBER OF CREDITS: 3

PRE-REQUISITES: AGRI 0112 – LIVESTOCK PRODUCTION I

COURSE CONTENT: Structure of the ruminant industry in CARICOM; physiology of ruminants; management practices including breeds and breeding, nutrition and feeding, health and disease prevention and control, housing and waste management, record keeping; planning new enterprises and use of new technologies.

ASSESSMENT:

Coursework 40%

Final Examination 60%

YEAR: 2

SEMESTER: 2

COURSE CODE: AGRI 0209

COURSE TITLE: AGRICULTURAL ECONOMICS II

NUMBER OF CREDITS: 3

PRE-REQUISITES: NONE

COURSE CONTENT: Overview of macroeconomics; national income accounting; economic growth versus economic development; economy wide stability; unemployment; inflation; fiscal policy; monetary policy; exchange rates and balance of payments.

ASSESSMENT:

Coursework 40%

Final Examination 60%

YEAR: 2

SEMESTER: 2

COURSE CODE: AGRI 0210

COURSE TITLE: FARM PRACTICE III

NUMBER OF CREDITS: 3

PRE-REQUISITES: AGRI 0114 - FARM PRACTICE I AND AGRI 0205- FARM PRACTICE II

COURSE CONTENT: The Meteorology Station - interpretation of meteorological data; soil environment – soil physical and chemical conditions; livestock facilities maintenance – sanitation of pens, fence repair; livestock husbandry – feeding, watering, deworming, milking; milk and poultry processing; agricultural equipment and tools – use, safety issues, preventative maintenance and storage; sales - livestock products; prepare a meal based on farm products (Note: The content will vary depending on the nature of the enterprise selected).

ASSESSMENT:

Coursework 100%



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