FACULTY OF SCIENCE AND TECHNOLOGY (FST)
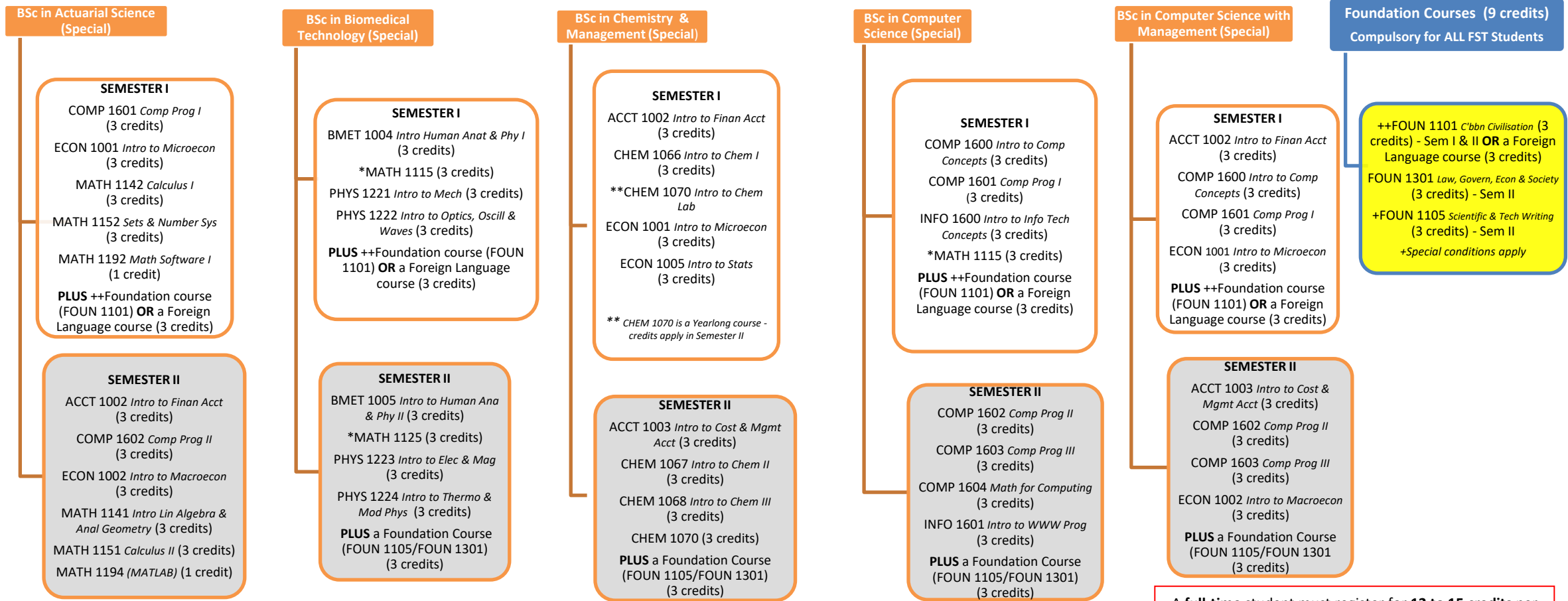## Compulsory Level I Courses for FST Special Degree Options

These are the required Level I courses for each Special Degree Option in the FST.

Student ID. No. _____

BSc in Actuarial Science (Special)

SEMESTER I

COMP 1601 *Comp Prog I* (3 credits)

ECON 1001 *Intro to Microecon* (3 credits)

MATH 1142 *Calculus I* (3 credits)

MATH 1152 *Sets & Number Sys* (3 credits)

MATH 1192 *Math Software I* (1 credit)

PLUS ++Foundation course (FOUN 1101) **OR** a Foreign Language course (3 credits)

SEMESTER II

ACCT 1002 *Intro to Finan Acct* (3 credits)

COMP 1602 *Comp Prog II* (3 credits)

ECON 1002 *Intro to Macroecon* (3 credits)

MATH 1141 *Intro Lin Algebra & Anal Geometry* (3 credits)

MATH 1151 *Calculus II* (3 credits)

MATH 1194 *(MATLAB)* (1 credit)

BSc in Biomedical Technology (Special)

SEMESTER I

BMET 1004 *Intro Human Anat & Phy I* (3 credits)

*MATH 1115 (3 credits)

PHYS 1221 *Intro to Mech* (3 credits)

PHYS 1222 *Intro to Optics, Oscill & Waves* (3 credits)

PLUS ++Foundation course (FOUN 1101) **OR** a Foreign Language course (3 credits)

SEMESTER II

BMET 1005 *Intro to Human Ana & Phy II* (3 credits)

*MATH 1125 (3 credits)

PHYS 1223 *Intro to Elec & Mag* (3 credits)

PHYS 1224 *Intro to Thermo & Mod Phys* (3 credits)

PLUS a Foundation Course (FOUN 1105/FOUN 1301) (3 credits)

BSc in Chemistry & Management (Special)

SEMESTER I

ACCT 1002 *Intro to Finan Acct* (3 credits)

CHEM 1066 *Intro to Chem I* (3 credits)

**CHEM 1070 *Intro to Chem Lab*

ECON 1001 *Intro to Microecon* (3 credits)

ECON 1005 *Intro to Stats* (3 credits)

** *CHEM 1070 is a Yearlong course - credits apply in Semester II*

SEMESTER II

ACCT 1003 *Intro to Cost & Mgmt Acct* (3 credits)

CHEM 1067 *Intro to Chem II* (3 credits)

CHEM 1068 *Intro to Chem III* (3 credits)

CHEM 1070 (3 credits)

PLUS a Foundation Course (FOUN 1105/FOUN 1301) (3 credits)

BSc in Computer Science (Special)

SEMESTER I

COMP 1600 *Intro to Comp Concepts* (3 credits)

COMP 1601 *Comp Prog I* (3 credits)

INFO 1600 *Intro to Info Tech Concepts* (3 credits)

*MATH 1115 (3 credits)

PLUS ++Foundation course (FOUN 1101) **OR** a Foreign Language course (3 credits)

SEMESTER II

COMP 1602 *Comp Prog II* (3 credits)

COMP 1603 *Comp Prog III* (3 credits)

COMP 1604 *Math for Computing* (3 credits)

INFO 1601 *Intro to WWW Prog* (3 credits)

PLUS a Foundation Course (FOUN 1105/FOUN 1301) (3 credits)

BSc in Computer Science with Management (Special)

SEMESTER I

ACCT 1002 *Intro to Finan Acct* (3 credits)

COMP 1600 *Intro to Comp Concepts* (3 credits)

COMP 1601 *Comp Prog I* (3 credits)

ECON 1001 *Intro to Microecon* (3 credits)

PLUS ++Foundation course (FOUN 1101) **OR** a Foreign Language course (3 credits)

SEMESTER II

ACCT 1003 *Intro to Cost & Mgmt Acct* (3 credits)

COMP 1602 *Comp Prog II* (3 credits)

COMP 1603 *Comp Prog III* (3 credits)

ECON 1002 *Intro to Macroecon* (3 credits)

PLUS a Foundation Course (FOUN 1105/FOUN 1301) (3 credits)

Foundation Courses (9 credits)
Compulsory for ALL FST Students

++FOUN 1101 *C'bbn Civilisation* (3 credits) - Sem I & II **OR** a Foreign Language course (3 credits)

FOUN 1301 *Law, Govern, Econ & Society* (3 credits) - Sem II

+FOUN 1105 *Scientific & Tech Writing* (3 credits) - Sem II

+*Special conditions apply*

A **full-time** student must register for **12 to 15 credits** per semester at Level I. However, students reading the BSc Actuarial Science (Sp), BSc Mathematics (Sp) and Statistics & Economics (Sp), must register for **16 credits** per semester.

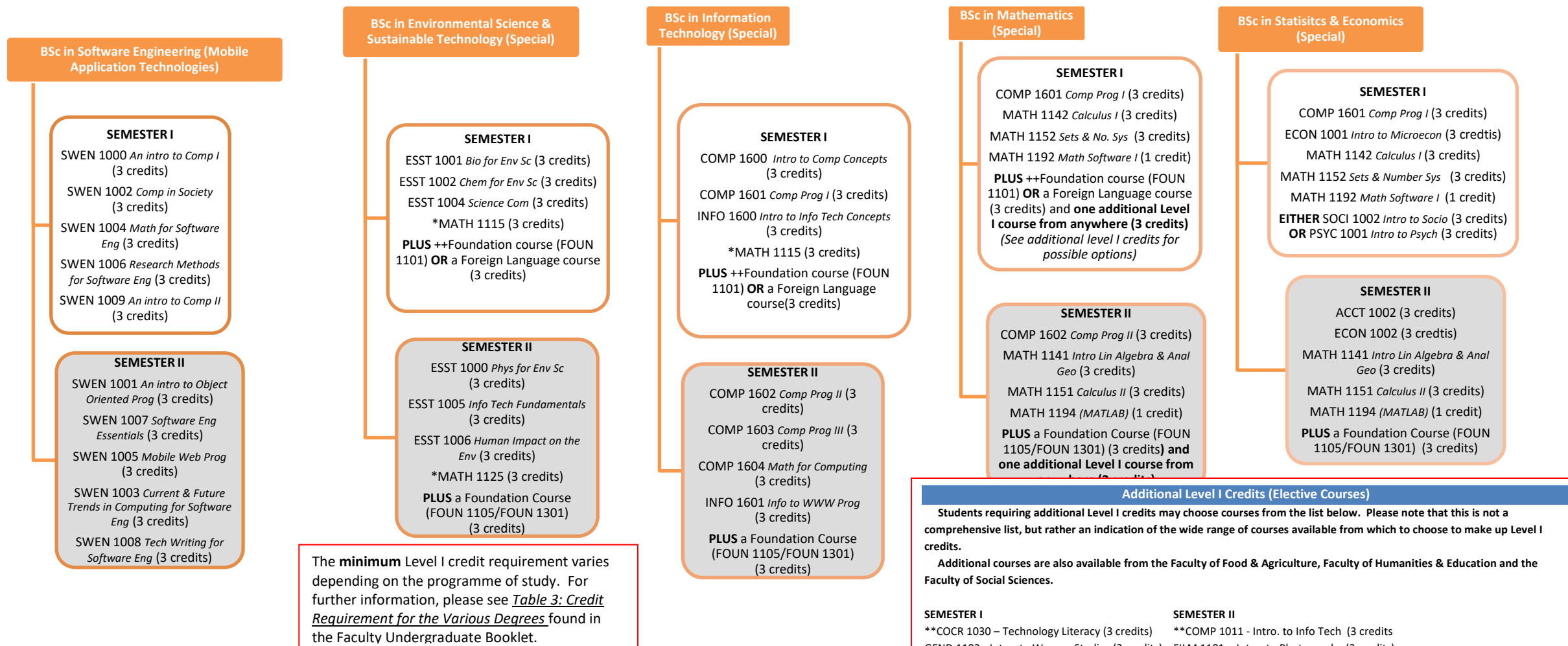A **part-time** student must register for **6 to 9 credits** per semester.

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* S*tudents with passes in CAPE Pure Maths (Units I & II) or equivalent may apply for **EXEMPTION WITHOUT CREDIT** from MATH 1115 (Fundamental Math for the General Sciences I) and MATH 1125 (Fundamental Math for the General Sciences II) using the following link https://sta.uwi.edu/resources/documents/creditexemptions.doc Where EXEMPTIONS WITHOUT CREDITS are to be granted, students must pursue alternative Level I courses. Please refer to Page 2 of this document for a listing of additional level I courses that may be considered.*

++ *Students without a foreign language pass in CSEC/CAPE upon matriculation must register for a foreign language course at the Centre for Language Learning (CLL) instead of FOUN 1101. Visit the website https://sta.uwi.edu/fhe/cll/courses-2/undergraduate-students/ for more information. Students with a foreign language pass at CSEC (Grades I – III) or CAPE (Grades I – V) or an equivalent, shall be exempted without credit from the foreign language requirement and must register for FOUN 1101.*

FACULTY OF SCIENCE AND TECHNOLOGY (FST)
Compulsory Level I Courses for FST Special Degree Options (cont'd)

BSc in Software Engineering (Mobile Application Technologies)

SEMESTER I
SWEN 1000 *An intro to Comp I* (3 credits)
SWEN 1002 *Comp in Society* (3 credits)
SWEN 1004 *Math for Software Eng* (3 credits)
SWEN 1006 *Research Methods for Software Eng* (3 credits)
SWEN 1009 *An intro to Comp II* (3 credits)

SEMESTER II
SWEN 1001 *An intro to Object Oriented Prog* (3 credits)
SWEN 1007 *Software Eng Essentials* (3 credits)
SWEN 1005 *Mobile Web Prog* (3 credits)
SWEN 1003 *Current & Future Trends in Computing for Software Eng* (3 credits)
SWEN 1008 *Tech Writing for Software Eng* (3 credits)

BSc in Environmental Science & Sustainable Technology (Special)

SEMESTER I
ESST 1001 *Bio for Env Sc* (3 credits)
ESST 1002 *Chem for Env Sc* (3 credits)
ESST 1004 *Science Com* (3 credits)
*MATH 1115 (3 credits)
PLUS ++Foundation course (FOUN 1101) **OR** a Foreign Language course (3 credits)

SEMESTER II
ESST 1000 *Phys for Env Sc* (3 credits)
ESST 1005 *Info Tech Fundamentals* (3 credits)
ESST 1006 *Human Impact on the Env* (3 credits)
*MATH 1125 (3 credits)
PLUS a Foundation Course (FOUN 1105/FOUN 1301) (3 credits)

BSc in Information Technology (Special)

SEMESTER I
COMP 1600 *Intro to Comp Concepts* (3 credits)
COMP 1601 *Comp Prog I* (3 credits)
INFO 1600 *Intro to Info Tech Concepts* (3 credits)
*MATH 1115 (3 credits)
PLUS ++Foundation course (FOUN 1101) **OR** a Foreign Language course(3 credits)

SEMESTER II
COMP 1602 *Comp Prog II* (3 credits)
COMP 1603 *Comp Prog III* (3 credits)
COMP 1604 *Math for Computing* (3 credits)
INFO 1601 *Info to WWW Prog* (3 credits)
PLUS a Foundation Course (FOUN 1105/FOUN 1301) (3 credits)

BSc in Mathematics (Special)

SEMESTER I
COMP 1601 *Comp Prog I* (3 credits)
MATH 1142 *Calculus I* (3 credits)
MATH 1152 *Sets & No. Sys* (3 credits)
MATH 1192 *Math Software I* (1 credit)
PLUS ++Foundation course (FOUN 1101) **OR** a Foreign Language course (3 credits) and **one additional Level I course from anywhere (3 credits)**
(See additional level I credits for possible options)

SEMESTER II
COMP 1602 *Comp Prog II* (3 credits)
MATH 1141 *Intro Lin Algebra & Anal Geo* (3 credits)
MATH 1151 *Calculus II* (3 credits)
MATH 1194 *(MATLAB)* (1 credit)
PLUS a Foundation Course (FOUN 1105/FOUN 1301) (3 credits**) and one additional Level I course from anywhere (3 credits)**

BSc in Statisitcs & Economics (Special)

SEMESTER I
COMP 1601 *Comp Prog I* (3 credits)
ECON 1001 *Intro to Microecon* (3 credtis)
MATH 1142 *Calculus I* (3 credits)
MATH 1152 *Sets & Number Sys* (3 credits)
MATH 1192 *Math Software I* (1 credit)
EITHER SOCI 1002 *Intro to Socio* (3 credits) **OR** PSYC 1001 *Intro to Psych* (3 credits)

SEMESTER II
ACCT 1002 (3 credits)
ECON 1002 (3 credtis)
MATH 1141 *Intro Lin Algebra & Anal Geo* (3 credits)
MATH 1151 *Calculus II* (3 credits)
MATH 1194 *(MATLAB)* (1 credit)
PLUS a Foundation Course (FOUN 1105/FOUN 1301) (3 credits)

The **minimum** Level I credit requirement varies depending on the programme of study. For further information, please see *Table 3: Credit Requirement for the Various Degrees* found in the Faculty Undergraduate Booklet.

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Where EXEMPTIONS WITHOUT CREDITS are to be granted, students must pursue alternative Level I courses. (See additional Level I credits for possible options)

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Additional Level I Credits (Elective Courses)

Students requiring additional Level I credits may choose courses from the list below. Please note that this is not a comprehensive list, but rather an indication of the wide range of courses available from which to choose to make up Level I credits.

Additional courses are also available from the Faculty of Food & Agriculture, Faculty of Humanities & Education and the Faculty of Social Sciences.

SEMESTER I	SEMESTER II
**COCR 1030 – Technology Literacy (3 credits)	**COMP 1011 - Intro. to Info Tech (3 credits
GEND 1103 - Intro. to Women Studies (3 credits)	FILM 1101 - Intro. to Photography (3 credits)
HUEC 1003 - Intro. to Nutrition (3 credits)	HUEC 1001 - Food Science (3 credits)
HUEC 1007 - Intro. to Textiles (3 credits)	HUEC 1004 - Intro. to Food & Meal Mgmt (3 credits)
LITS 1001 - Intro. to Poetry (3 credits)	VART 1001 - Visual Arts & Comm Studies (3 credits)
LITS 1002 - Intro. to Prose Fiction (3 credits)	Co-curricular Courses (COCR)
PHYS 1001- Intro. to Astronomy (3 credits)	
PSYC 1001- Intro. to Psychology (3 credit)	
SOCI 1002 – Intro. To Sociology (3 credits)	
Co-curricular Courses (COCR)	

Visit the website http://sta.uwi.edu/cocurricular/ for more information. Students may count a maximum of **six (6) co-curricular credits** towards their degree.
Co-Curricular credits will not be taken into consideration in computing the Dean's Honour Roll.
** Students reading a degree programme in Computer Science or Information Technology are **not** allowed to register for COCR 1030 or COMP 1011 for credits.