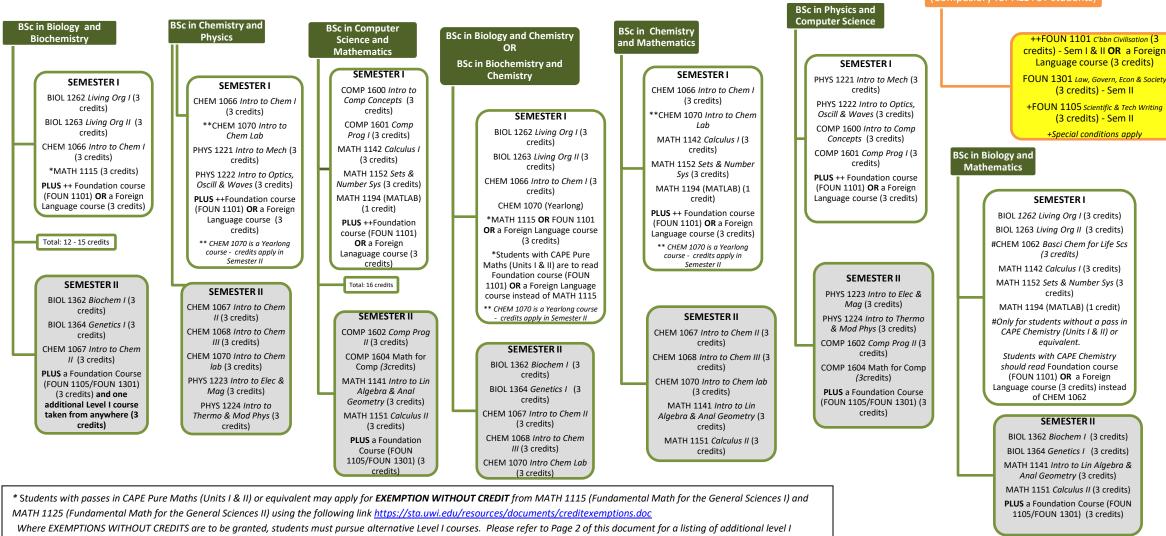
# FACULTY OF SCIENCE AND TECHNOLOGY (FST) Compulsory Level I Courses for the FST BSc Degrees

These are the required Level I courses for the FST joint or double majors



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 <u>1101.</u>

A full-time student must register for 12 to 15 credits per semester at Level I.

Foundation Courses (9 credits)

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

# FACULTY OF SCIENCE AND TECHNOLOGY (FST) Compulsory Level I Courses for the FST BSc Degrees (cont'd)

#### BSc in Chemistry and **Environmental Science** BSc in Biochemistry and **Environmental Science BSc in Biology and Environmental Science** SEMESTER I ESST 1001 Biology for Environ Sciences (3 credits) CHEM 1066 Intro to Chem I (3 credits) SEMESTER I **SEMESTER I** \*\*CHEM 1070 (Yearlong) BIOL 1262 Living Ora I BIOL 1262 Living Org I (3 credits) \*MATH 1115 (3 credits) (3 credits) BIOL 1263 Living Org II (3 credits) PLUS ++Foundation course (FOUN 1101) OR BIOL 1263 Living Org II (3 credits) ESST 1002 Chem for Env Sc (3 credits) a Foreign Language course (3 credits) CHEM 1066 Intro. to Chem I (3 \*MATH 1115 (3 credits) \*\* CHEM 1070 is a Yearlong course - credits apply in credits) Semester II PLUS ++Foundation course (FOUN 1101) \*MATH 1115 (3 credits) OR a Foreign Language course (3 credits) PLUS ++Foundation course (FOUN 1101) **OR** a Foreign Language course (3 credits) SEMESTER II Total: 12 - 15 credits ESST 1000 Phys for ES (3 credits) ESST 1006 Human Impact on the Env (3 credits) SEMESTER II CHEM 1067 Intro to Chem II (3 credits) ESST 1000 Phys for Env Sc (3 credits) SEMESTER II CHEM 1068 Intro to Chem III (3 credits) ESST 1006 Human Impact on the Env (3 ESST 1000 Phys for Env Sc (3 credits) CHEM 1070 Intro to Chem lab (3 credits) credits) ESST 1006 Human Impact on the Env (3 credits) BIOL 1362 Biochem I (3 credits) BIOL 1362 Biochem I (3 credits) BIOL 1364 Genetics I (3 credits) BIOL 1364 Genetics I (3 credits) CHEM 1067 Intro to Chem II (3 credits) PLUS a Foundation course (FOUN 1105/FOUN 1301) (3 credits) In order to be eligible for the award of the BSc degree in FST, students must have a minimum of 24 Level I credits (at least 12 of which must be FST credits). Additional Level I credits may be taken from anywhere

\* Students 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 II) and MATH 1125 (Fundamental Math for the General Sciences II) using the following link <a href="https://sta.uwi.edu/resources/documents/creditexemptions.doc">https://sta.uwi.edu/resources/documents/creditexemptions.doc</a>

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

++ 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.

### **BSc in Physics and Electronics**

### SEMESTER I

PHYS 1221 Intro to Mech (3 credits)
PHYS 1222 Intro to Optics, Oscill & Waves
(3 credits)

COMP 1601 Comp Prog I (3 credits)

MATH 1142 Calculus I (3 credits)

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

### SEMESTER II

PHYS 1223 Intro to Elec & Mag (3 credits)

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

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

PLUS a Foundation Course (FOUN 1105/FOUN 1301) (3 credits) and one additional Level I courses taken from anywhere (3 credits)

# BSc in Mathematics and Physics

### SEMESTER I

MATH 1142 Calculus I (3 credits)

MATH 1152 Sets & Number Sys (3 credits)

MATH 1194 (MATLAB) (1 credit)

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

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

MATH 1151 Calculus II (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)

# 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

\*\*COCR 1030 - Technology Literacy (3 credits)

GEND 1103 - Intro. to Women Studies (3 credits)

HUEC 1003 - Intro. to Nutrition (3 credits)

HUEC 1007 - Intro. to Textiles (3 credits)

LITS 1001 - Intro. to Poetry (3 credits)

LITS 1002 - Intro. to Prose Fiction (3 credits)

PHYS 1001- Intro. to Astronomy (3 credits)

PSYC 1001- Intro. to Psychology (3 credits)

SOCI 1002 – Intro. to Sociology (3 credits)

Co-curricular Courses (COCR)

### SEMESTER II

\*\*COMP 1011 - Intro. to Info Tech (3 credits

FILM 1101 - Intro. to Photography (3 credits)

HUEC 1001 - Food Science (3 credits)

HUEC 1004 - Intro. to Food & Meal Mgmt (3 credits)

VART 1001 - Visual Arts & Comm Studies (3 credits)

Co-curricular Courses (COCR)

Visit the website <a href="http://sta.uwi.edu/cocurricular/">http://sta.uwi.edu/cocurricular/</a> 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 <u>not</u> allowed to register for COCR 1030 or COMP 1011 for credits.