

| Module Code | Module Name | Prerequisite /Co - requisite (if any) | CREDITS | Results |
|-------------|---|---------------------------------------|---------|---------|
| Semester 7 | | | | |
| POM4004 | Project Management | | 3 | |
| CHY4008 | Application and Operations of Quality Control Systems | CHY3017[P] | 4 | |
| | University Elective | | 3 | |
| Semester 8 | | | | |
| PRJ4031 | Major Research project | Required to be Level 4 | 4 | |
| ENG4023 | Environmental Engineering | | 4 | |
| CHY4009 | Quality Auditing | CHY3017[P] | 4 | |
| STA3011 | Environmental Statistics | STA2020[P] | 3 | |

F. Y. I.

Please speak to your Programme Director/Academic Advisor to confirm whether there have been any module changes.

SELECTING ZERO LEVEL MODULES

The zero level modules are: Preliminary Biology (**BIO0001**), Basic Physics (PHS0005), Fundamentals of Chemistry (**CHY0001**), Developmental English (**COM0001**).

Students WITHOUT a pass in CSEC Physics, Chemistry, Biology or equivalent MUST register with the UTech Academy and complete the requisite zero level modules before moving on to higher level modules.

ie. you MUST NOT select CHY2021, CHY2022, CHY2023, CHY2024, PHS1014, PHS1015, BIO1001 unless you have a pass in the respective CSEC equivalent.



University of Technology, Jamaica Module Selection Guide School of Natural & Applied Science



B.Sc. in Applied Science

Specialization in Environmental Science Class of 2024

Student's Name:

Student's Id #:

Start Date: August 2020

Programme Director: Clayon Harrison
charrison@utech.edu.jm

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|----------------|-------------------------------------|---------------------------------------|---------|---------|
| Semester 1 | | | | |
| PHS1014 | Preliminary Physics I | PHS0005 /CSEC Physics (Grades 1-3) | 4 | |
| MAT1047 | College Maths 1B | | 4 | |
| HUM3003 | Understanding Ethics | | 3 | |
| CSP1001 | Community Service Project | | 1 | |
| COM1020 | Academic Writing 1 | See rules related to Proficiency test | 3 | |
| Semester 2 | | | | |
| INT1001 | Information Technology | | 3 | |
| URP1001 | Introduction to Phys. Env. Planning | | 3 | |
| PHS1015 | Preliminary Physics II | PHS0005 /CSEC Physics (Grades 1-3) | 4 | |
| BIO1001 | General Biology | BIO0001 /CSEC Bio (Grades 1-3) | 4 | |
| MAT2003 | Calculus I | MAT1047 [T] | 3 | |
| Semester 3 | | | | |
| CHY2021 | General Chemistry Theory 1 | CHY0001 /CSEC Chem. Grades 1-3 | 3 | |
| CHY2022 | General Chemistry Practical 1 | CHY0001 /CSEC Chem. Grades 1-3 | 1 | |
| STA2020 | Introductory Statistics | | 3 | |
| | University Elective | | 3 | |
| COM2014 | Academic Writing 2 | COM1020 | 3 | |

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| Semester 4 | | | | |
| CHY2023 | General Chemistry Theory 2 | CHY0001 /CSEC Chem. Grades 1-3 | 3 | |
| CHY2024 | General Chemistry Practical 2 | CHY0001 /CSEC Chem. Grades 1-3 | 1 | |
| CHY3022 | Analytical Chemistry | CHY2021 [P] | 4 | |
| BIO 2003 | Plant & Animal Diversity | | 4 | |
| ENS3001 | Environmental Studies | | 3 | |
| Semester 5 | | | | |
| URP3 001 | Land & Econ. & Land Tenure | | 3 | |
| URP3014 | Mining & Restoration | | 3 | |
| URP4001 | Environ. Res. Plann. & Mangmt. | | 4 | |
| CHY4005 | Environmental Chem. | CHY3022 [T]; CHY2021 | 4 | |
| URP3010 | Introdn. to Geo. Infor. Sys. | | 3 | |
| Semester 6 | | | | |
| STA3010 | Ecology Statistics Methods | STA2020 | 3 | |
| COE3021 | Environmental Impact Ass. | | 3 | |
| CHY3017 | Quality Ass.-Qual. Control. Tech. and Mgt. | CHY2021 & CHY3022 | 4 | |
| RES3001 | Research Methodologies | Required to be Level 3 | 3 | |
| MIB2002 | Environmental Microbiology | BIO1001 | 4 | |
| APS3001 | Summer Work Experience/ Externship | | 3 | |
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