



FACULTY OF SCIENCE & TECHNOLOGY

# SUMMER PROGRAMME OFFERINGS

2018

The Faculty of **SCIENCE & TECHNOLOGY** (FST) invites applications from **suitably qualified** persons to pursue undergraduate or postgraduate courses offered in its Summer Programme 2017/2018.

## KEY:

**Full –** offered to students pursuing courses for the first time i.e. full load of contact hours  
**Remedial –** offered to students repeating failed courses

COURSE CODE	NO. OF CREDITS	SEMESTER NORMALLY OFFERED	COURSE TITLE	COURSE TYPE
<b>UNDERGRADUATE COURSES</b>				
BIOC 2161	3	1	Primary Metabolism	Remedial
BIOC 3069	3	1 & 2	Biochemistry Research Project	Full
BIOL 1262	3	1	Living Organisms I	Remedial
BIOL 1263	3	1	Living Organism II	Remedial
BIOL 1362	3	2	Biochemistry 1	Remedial
BIOL 1364	3	2	Introductory Genetics	Remedial
BIOL 2061	3	1	Cell and Developmental Biology	Remedial
BIOL 2164	3	2	Principles of Molecular Biology	Remedial
BIOL 2165	3	1	Genetics II	Remedial
BIOL 2265	3	2	Fundamentals of Microbiology	Remedial
BIOL 2360	3	1	Biochemistry IIA	Remedial
BIOL 3069	4	1 & 2	Research Project	Full
BMET 2001	3	1	Bioengineering	Full
CHEM 1066	3	1	Introduction to Chemistry I	Remedial
CHEM 1067	3	2	Introduction to Chemistry II	Remedial
CHEM 1068	3	2	Introduction to Chemistry III	Remedial
CHEM 2270	3	1	Organic Chemistry I	Remedial
CHEM 2470	3	1	Introduction to Analytical Chemistry	Remedial
COMP 1600	3	1 & 2	Introduction to Computer Concepts	Full
COMP 1601	3	1 & 2	Computer Programming I	Remedial
COMP 1602	3	1 & 2	Computer Programming II	Full
COMP 1603	3	1 & 2	Computer Programming III	Full
COMP 2000	4	1 & 2	Data Structures	Full
COMP 2605	3	1	Enterprise Database Systems	Full
COMP 2611	3	1 & 2	Data Structures	Full
COMP 2700	4	1	Database Management Systems I	Full
ESST 1001	3	1	Biology for Environmental Sciences	Remedial
FOUN 1210	3	1 & 2	Science, Medicine and Technology in Society ( <b>Not for FST or FFA students</b> )	Full
FSTF 2000	3	Sum	History of Science	Full
FSTF 3000	3	Sum	Business of Science	Full

# SUMMER

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### UNDERGRADUATE COURSES cont'd

INFO 2410	4	1	Fundamental Data Structures	Full
INFO 2415	4	1	Enterprise Database Systems	Full
INFO 3435	4	1	E-Commerce	Full
INFO 3609	3	Sum	Internship I	Full
INFO 3610	6	Sum	Internship II	Full
MATH 1115	3	1 & 2	Fundamental Mathematics for the General Science I	Full
MATH 1125	3	2	Fundamental Mathematics for the General Science II	Full
MATH 1141	3	2	Introductory Linear Algebra & Analytical Geometry	Full
MATH 1142	3	1	Calculus I	Full
MATH 1151	3	2	Calculus II	Full
MATH 1152	3	1	Sets and Number System	Full
MATH 2272	3	2	Abstract Algebra I	Full
MATH 2273	3	1	Linear Algebra I	Full
MATH 2274	3	1	Probability Theory I	Full
MATH 2275	3	2	Statistics I	Full
MATH 2277	3	2	Introduction to Real Analysis I	Full
MATH 3278	3	1	Probability Theory II	Full
PHYS 1001	3	1	Introduction to Astronomy	Full
PHYS 1221	3	1	Introduction to Mechanics	Remedial
PHYS 1222	3	1	Introduction to Optics, Oscillation and Waves	Remedial
PHYS 1223	3	2	Introduction to Electricity and Magnetism	Remedial
PHYS 1224	3	2	Introduction to Thermodynamics and Modern Physics	Remedial
PHYS 2150	3	1	Mathematics for Physicists	Full
PHYS 2151	3	1	Classical and Statistical Mechanics	Full
PHYS 2401	3	2	Optoelectronics	Full
PHYS 2402	3	2	Digital Circuits and Logic Design	Full
PHYS 3150	3	1	Electromagnetism	Full
PHYS 3151	3	1	Quantum Mechanics	Full
PHYS 3203	3	2	Microprocessor and Modern Digital Design	Full
<b>POSTGRADUATE COURSES</b>				
BIPH 6102	3	3	Numerical Methods for Biomedical Applications	Full
RENT 6002	3	1	Shaping Sustainable Energy Systems	Full

**THE FACULTY RESERVES THE RIGHT TO WITHDRAW ANY OF THE SUMMER COURSES  
IN THE EVENT OF INSUFFICIENT REGISTRATION NUMBERS**

*Updated 23 May 2018*