

Faculty of Science and Technology

2021 Summer School

Course Offerings



FST Foundation Course

FOUN1201	Science, Medicine and Technology in Society	MEX & M11
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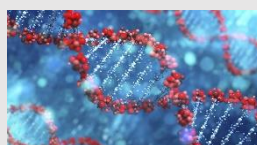
Chemistry Courses

CHEM0901	Preliminary Chemistry A	MEX
CHEM0902	Preliminary Chemistry B	MEX
CHEM1810	Introductory Chemistry I	MEX
CHEM1820	Introductory Chemistry II	MEX
CHEM1901	Introductory Chemistry A	MEX
CHEM1902	Introductory Chemistry B	MEX
CHEM1910	Introductory Chemistry III	MEX
CHEM2010	Chemical Analysis A	MEX
CHEM2110	Advanced Inorganic Chemistry A	MEX
CHEM2210	Organic Chemistry A	MEX
CHEM2310	Physical Chemistry II	MEX
CHEM3010	Chemical Analysis B	MEX
CHEM3110	Advanced Inorganic Chemistry B	MEX
CHEM3112	The Inorganic Chemistry of Biological Systems	MEX
CHEM3402	The Chemical Industries	MEX
CHEM3403	Chemical Process Principles	MEX
CHEM3610	Marine and Freshwater Chemistry	MEX



Geography and Geology Courses

GEOG1231	Earth Environments 1: Geomorphology and Soils	MEX
GEOG2231	Earth Surface Processes	MEX
GEOL3102	Capstone: Caribbean Geology	MEX



Biochemistry Courses

BIOC1020	Cellular Biochemistry	MEX
BIOC1021	Practical Biochemistry 1	MEX
BIOC2014	Bioenergetics and Cell Metabolism	MEX
BIOC3011	Advanced Biochemistry	MEX
BIOC3013	Biochemistry Physiology	MEX
BIOC3014	Plant Biochemistry	MEX
BIOC3312	Molecular Biology 2	MEX
BIOL2312	Molecular Biology I	MEX
BIOT3113	Biotechnology I	MEX
BIOT3114	Biotechnology II	MEX
BIOT3116	Biotechnology / Ethanol Fermentation	MEX
MICR1010	Introductory Microbiology and Molecular Biology	MEX
MICR1011	Practical Microbiology and Molecular Biology 1	MEX
MICR2211	Microbiology	MEX
MICR3213	Applied and Environmental Microbiology	MEX
MICR3214	Molecular Microbiology	MEX
MICR3215	Food Microbiology and Biotechnology	MEX
MICR3216	Medical Microbiology	MEX



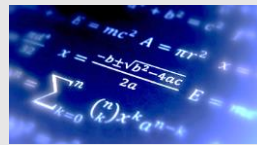
Computing Courses

COMP1161	Object-Oriented Programming	MEX & M11
COMP1210	Mathematics for Computing	MEX
COMP2140	Software Engineering	MEX
COMP2171	Object Oriented Design and Implementation	MEX
COMP2190	Net-Centric Computing	MEX
COMP2201	Discrete Mathematics for Computer Science	MEX
COMP2340	Computer Systems Organization	MEX
COMP3101	Operating Systems	MEX & M11
COMP3220	Principles of Artificial Intelligence	MEX & M11
INFO2100	Mathematics and Statistics for IT	MEX
INFO3155	Information Assurance Security	MEX
SWEN3145	Software Modelling	MEX



Life Sciences Courses

BIOL0011	Preliminary Biology I	MEX
BIOL0012	Preliminary Biology II	MEX
BIOL1017	Cell Biology	MEX
BIOL1018	Molecular Biology & Genetics	MEX
BIOL1262	Living Organisms 1	MEX
BIOL1263	Living Organisms 11	MEX
BIOL2164	Principles of Molecular Biology	MEX
BIOL2401	Research Skills and Practices in Biology	MEX
BIOL2402	Fundamentals of Biometry	MEX
BIOL2403	Principles of Ecology	MEX
BIOL2404	Molecular and Population Genetics	MEX
BIOL2406	Eukaryotic Microbiology	MEX
BIOL2407	Biological Evolution	MEX
BIOL3400	Issues in Conservation Biology	MEX
BIOL3403	The Biology of Soil	MEX
BIOL3404	Virology	MEX
BIOL3405	Pest Ecology and Management	MEX
BIOL3406	Freshwater Biology	MEX
BIOL3407	Oceanography	MEX
BIOL3408	Coastal Ecosystems	MEX
BIOL3409	Caribbean Coral Reefs	MEX
BIOL3410	Water Pollution Biology	MEX
BOTN2401	Plant Form and Systematics	MEX
BOTN2402	Physiology of Plants	MEX
BOTN3401	Principles of Plant Biotechnology	MEX
BOTN3403	Fund of Horticulture	MEX
BOTN3404	Economic Botany	MEX
BOTN3405	Plant Ecophysiology	MEX
BOTN3406	Tropical Forest Ecology	MEX
ZOOL2402	Animal Physiology	MEX
ZOOL2403	Maintenance Systems in Animals	MEX
ZOOL2404	Coordination and Control in Animals	MEX
ZOOL3403	Entomology	MEX
ZOOL3404	Parasitology	MEX
ZOOL3405	Vertebrate Biology	MEX
ZOOL3406	Immunology	MEX
ZOOL3407	Human Biology	MEX
ZOOL3408	Sustainable Use of Marine Fishable Resources	MEX
ZOOL3409	Aquaculture	MEX



Mathematics Courses

MATH0100	Pre-Calculus	MEX & M11
MATH0110	Calculus and Analytical Geometry	MEX & M11
MATH1141	Introductory Linear Algebra and Analytic Geometry	MEX
MATH1142	Calculus I	MEX & M11
MATH1151	Calculus II	MEX
MATH1152	Introduction to Formal Mathematics	MEX & M11
MATH2401	Elements of Mathematical Analysis	MEX & M11
MATH2404	Introduction to Probability Theory	MEX
MATH2407	Stochastic Modelling	MEX
MATH2410	A First Course in Linear Algebra	MEX
MATH2420	Ordinary Differential Equations	MEX
MATH2701	Financial Mathematics I	MEX
MATH2702	Actuarial Mathematics I	MEX
MATH3801	Financial Mathematics II	MEX
MATH3802	Construction and Evaluation of Actuarial Models	MEX
MATH3803	Models for Financial Economics	MEX
MATH3804	Actuarial Mathematics II	MEX
MATH3805	Mathematics of Pension Funds	MEX
MATH3806	Topics in General Insurance	MEX
STAT3001	Regression Analysis	MEX
STAT3002	Time Series	MEX



Physics Courses

ELET1500	Electric Circuit Analysis	MEX & M11
ELET3490	Research Project (electronic)	M11
PHYS3399	Research Project (non-electronic)	M11

Notes:

- All taught course will be done Online.*
- Each Department reserves the right to withdraw a course if the quota for the course is not met.*
- For further information concerning Course Offerings, please contact the relevant Departments.*

- M11= Full Course**
- MEX = Exam Only**

For further details, contact:

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Faculty Summer School Coordinators

9:30am - 3:30pm

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