

Faculty of Science and Technology

2020 Summer School

Course Offerings

DEPARTMENT/ SECTION	COURSE CODE	COURSE	SUMMER SCHOOL AND SUMMER TERM (STREAM)
FST, Foundation Course	FOUN1201	Science, Medicine and Technology in Society	MEX, M11
Biochemistry	BIOC1020	Cellular Biochemistry	MEX
	BIOC1021	Practical Biochemistry 1	MEX
	MICR1010	Introductory Microbiology and Molecular Biology	MEX
	MICR1011	Practical Microbiology and Molecular Biology 1	MEX
	BIOC3011	Advanced Biochemistry	MEX
	BIOC3014	Plant Biochemistry	MEX
	BIOL2312	Molecular Biology I	MEX
	BIOT3114	Biotechnology II	MEX
	BIOT3116	Biotechnology / Ethanolic Fermentation	MEX
	MICR2211	Microbiology	MEX
	MICR3215	Food Microbiology and Biotechnology	MEX
	MICR3216	Medical Microbiology	MEX
	BIOC2014	Bioenergetics and Cell Metabolism	MEX
	BIOC3013	Biochemistry Physiology	MEX
	BIOC3312	Molecular Biology 2	MEX
	BIOT3113	Biotechnology I	MEX
	MICR3213	Applied and Environmental Microbiology	MEX
	MICR3214	Molecular Microbiology	MEX
Chemistry	CHEM0901	Preliminary Chemistry A	MEX
	CHEM1901	Introductory Chemistry A	MEX
	CHEM2010	Chemical Analysis A	MEX
	CHEM2210	Organic Chemistry A	MEX
	CHEM2310	Physical Chemistry A	MEX
	CHEM3610	Marine & Freshwater Chemistry	MEX
	CHEM0902	Preliminary Chemistry B	MEX
	CHEM1902	Introductory Chemistry B	MEX
	CHEM2110	Inorganic Chemistry A	MEX
	CHEM3010	Chemical Analysis B	MEX
	CHEM3210	Organic Chemistry B	MEX
	CHEM3310	Physical Chemistry B	MEX
Computing	COMP1161	Object-Oriented Programming	MEX
	COMP2190	Net-Centric Computing	MEX
	COMP2201	Discrete Mathematics for Computer Science	MEX
	COMP3220	Principles of Artificial Intelligence	MEX
	INFO2180	Dynamic Web Development 1	MEX
Geography and Geology	GEOG1131	Human Geography 1: Population, Migration and Human Settlement	MEX
	GEOG2131	Urban Geographies	MEX
	GEOL1101	Earth Science 1: Earth Materials and Plate Tectonics	MEX
	GEOL1102	Earth Sciences 2 - Earth Processes and Earth History	MEX

DEPARTMENT/ SECTION	COURSE CODE	COURSE	SUMMER SCHOOL AND SUMMER TERM (STREAM)
Geography and Geology – Cont’d	GEOL2202	Sedimentary Geology	MEX
	GEOL2205	Plate tectonics and geological structures	MEX
	GEOL3102	Caribbean Geology	MEX
	GEOL3108	Metallic Ores and Industrial Minerals	MEX
Life Sciences	BIOL0011	Preliminary Biology I	MEX
	BIOL1017	Cell Biology	MEX
	BIOL1018	Molecular Biology & Genetics	MEX
	BIOL0012	Preliminary Biology II	MEX
	BIOL1262	Living Organisms 1	MEX
	BIOL1263	Living Organisms 11	MEX
	BIOL2401	Research Skills and Practices in Biology	MEX
	BIOL2406	Eukaryotic Microbiology	MEX
	BIOL2407	Biological Evolution	MEX
	BIOL3403	The Biology of Soil	MEX
	BIOL3407	Oceanography	MEX
	BIOL3408	Coastal Ecosystems	MEX
	BIOL3409	Caribbean Coral Reefs	MEX
	BOTN2401	Plant Form and Systematics	MEX
	BOTN2402	Physiology of Plants	MEX
	BOTN3403	Fund of Horticulture	MEX
	BOTN3405	Plant Ecophysiology	MEX
	BOTN3406	Tropical Forest Ecology	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
	BIOL2402	Fundamentals of Biometry	MEX
	BOTN3401	Principles of Plant Biotechnology	MEX
	ZOOL3403	Entomology	MEX
	BIOL2404	Molecular and Population Genetics	MEX
	BIOL2164	Principles of Molecular Biology	MEX
	BIOL2403	Principles of Ecology	MEX
	BIOL3400	Issues in Conservation Biology	MEX
	BIOL3404	Virology	MEX
BIOL3405	Pest Ecology and Management	MEX	
BIOL3406	Freshwater Biology	MEX	
BIOL3410	Water Pollution Biology	MEX	
BOTN3404	Economic Botany	MEX	
ZOOL2402	Animal Physiology	MEX	
ZOOL2403	Maintenance Systems in Animals	MEX	
ZOOL2404	Coordination and Control in Animals	MEX	
Mathematics	MATH0100	Pre-Calculus	MEX, MII
	MATH1141	Introductory Linear Algebra and Analytic Geometry	MEX, MII
	MATH1142	Calculus I	MEX, MII
	MATH1185	Calculus for Scientists and Engineers	MEX, MII
	MATH2401	Elements of Mathematical Analysis	MEX, MII
	MATH2404	Introduction to Probability Theory	MEX, MII
	MATH2410	A First Course in Linear Algebra	MEX, MII
	MATH2701	Financial Mathematics I	MEX, MII
	MATH3401	Introduction to Theory of Integration	MEX

DEPARTMENT/ SECTION	COURSE CODE	COURSE	SUMMER SCHOOL AND SUMMER TERM (STREAM)
Mathematics – Cont'd			
	MATH3412	Advanced Linear Algebra	MEX
	MATH3801	Financial Mathematics II	MEX
	MATH3804	Actuarial Mathematics II	MEX
	STAT1001	Statistics for the Scientists	MEX
	STAT3001	Regression Analysis	MEX
	MATH0110	Calculus and Analytical Geometry	MEX, MII
	MATH1151	Calculus II	MEX
	MATH1152	Introduction to Formal Mathematics	MEX
	MATH2420	Ordinary Differential Equations	MEX
	MATH2702	Actuarial Mathematics I	MEX
	MATH3155	Complex Variables	MEX
	MATH3802	Construction and Evaluation of Actuarial Models	MEX
	MATH3803	Models for Financial Economics	MEX
	MATH3805	Mathematics of Pension Funds	MEX
	MATH3806	Topics in General Insurance	MEX
	STAT2001	Inferential Statistics	MEX
	STAT3002	Time Series	MEX
Physics			
	PHYS3399	Research Project (Non-electronics)	M11
	PHYS3400	Physics in Practice Internship	M11



Notes:

- ❖ *All taught course will be done Online.*
- ❖ *Summer School period Monday, July 6, 2020 to Friday, August 14, 2020.*
- ❖ *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**

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