



FACULTY OF PURE & APPLIED SCIENCES

2010/2011

SUMMER SCHOOL COURSE CHOICES

COURSE CHOICES

N.B. Subject to change if quota of 20 is not met.

CODE TITLE

DEAN'S OFFICE

FD12A Science, Medicine and Technology (Stream 1 and 2)
Teaching begins June 6, 2011 (Tentative)

Department of Chemistry

CHEM0901	Preliminary Chemistry A	(MEX & MLX)
CHEM0902	Preliminary Chemistry B	(MEX & MLX)
CHEM1901	Introduction to Chemistry A	(MEX & MLX)
CHEM1902	Introduction to Chemistry B	(MEX & MLX)
CHEM2001	Chemical Analysis	(MEX & MLX)
CHEM2101	Inorganic Chemistry	(MEX & MLX)
CHEM2201	Spectroscopy, Mechanisms and Aromatic Systems	(MEX)
CHEM2301	Physical Chemistry	(MEX & MLX)
CHEM3101	Inorganic Chemistry	(MEX & MLX)
CHEM3201	Organic Synthesis, Biomolecules and Stereochemistry	(MEX & MLX)
CHEM3301	Physical Chemistry	(MEX & MLX)
CHEM3701	Research Project	
CHEM3702	Advanced Research Project	

Department of Computing

COMP1125	Introduction to Computer Science I	(M11)
COMP1160	Introduction to Computer Science II	(M11)
COMP2111	Analysis of Algorithms	(M11)
COMP2101	Discrete Mathematics for Computer Science	(M11)
COMP2140	Software Engineering	(MEX)
COMP2240	Computer Organization	(MEX)
COMP3900	Research Project	

Department of Physics

PHYS0410	Preliminary Physics A	(MEX)
PHYS0420	Preliminary Physics B	(MEX)
PHYS1410	Introductory Physics A	(MLX)
PHYS1420	Introductory Physics B	(MEX)
ELET1400	Introductory Electronics	(M11)
ELET1405	Practices in Basic Electronics Design	(M11)
ELET2405	Practices in Electrical Designs I	(M11)
ELET2450	Embedded Systems	(MLX)
ELET2430	Digital Electronics	(MEX)
ELET2460	Signals and Systems	(MEX)
ELET3460	Digital signal processing	(MEX)
PHYS3399	Research Project	
ELET3490	Electronics Project	

Department of Mathematics

MATH0100	Pre-calculus	
MATH0110	Calculus and Analytical Geometry	
MATH1140	Basic Introductory Mathematics	
MATH1150	Functions of Real Variables	
MATH2100	Abstract Algebra	
MATH2110	Linear Algebra	
MATH2300	Ordinary Differential Equations	
MATH2125	Introduction to Mathematical Analysis	
MATH3310	Life Contingencies	
MATH3320	Risk Theory	
MATH2320	Introduction to Actuarial Mathematics	
MATH2210	Mathematics of Finance	
MATH2140	Probability Theory	
MATH2150	Statistical Inference	
MATH3341	Applied Statistics	

Department of Life Sciences

BIOL0011	Preliminary Biology I	(MEX)
BIOL0012	Preliminary Biology II	(MEX)
BIOL1017	Cell Biology	(MEX & MLX)
BIOL1018	Molecular Biology & Genetics	(MEX & MLX)
BIOL1262	Living Organism 1	(MEX & MLX)
BIOL1263	Living Organisms 2	(MEX & MLX)
BIOL2012	Evolutionary Biology	(MEX & MLX)
BIOL2014	Ecology	(MEX & MLX)
BIOL2015	Biometry	(MEX)
BOTN2011	Seed Plants	(MEX & MLX)
BIOL2011	General and Molecular Genetics	(MEX)
BOTN2012	Plant Physiology	(MEX)
ZOOL2012	Functional Organization of Animals I	(MEX)
ZOOL2013	Functional Organization of Animals II	(MEX & MLX)
BIOL3018	Research Project	(M11)
BIOL2013	Diving Technology for Aquatic Sciences	(M11)
BIOL2252	Eukaryotic Microorganisms	(MEX)
BIOL3011	Mycology	(MEX)
BOTN3016	Plant Biotechnology	(MEX)
ZOOL3015	General Parasitology	(MEX)
BOTN3014	Forestry	(MEX)
BIOL3014	Marine Ecology 1	(MEX)
ZOOL3020	Insect Biology and Systematics	(MEX)
BIOL3017	Virology	(MEX)
BIOL3016	Plant Health	(MEX)
ZOOL3017	Immunology	(MEX)
BIOL3021	Freshwater Ecology	(MEX)
ZOOL3021	Pest Management	(MEX)
BIOL3013	Coastal management	(MEX)
AGBU3008	Internship	(MEX)

Biochemistry Section, BMS

All Courses are Exams Only (MEX)

BIOC1011 - Introductory Biochemistry
BIOC2014 - Bioenergetics and Cell Metabolism
BIOC3011 - Advanced Biochemistry
BIOL3312 - Molecular Biology II
BIOT3113 - Biotechnology I
BIOT3114 - Biotechnology II
MICR3213 - Applied and Environmental Microbiology
BIOC3413 - Research Project

Department of Geography and Geology

GEOG2101 - Urban Geography (MEX)
GEOL2001 - Palaeontology (MEX)

NB: Laboratory Exemption (MLX)
Exams Only (MEX)
Full Course (M11)

FEE SCHEDULE

Per Credit	\$7,717.00	4 credit course	\$30,868.00
3 credit course	\$23,151.00	6 credit course	\$46,302.00

Exams Only ... 50% of cost e.g. For a 6 credit course $\$7717 \times 6 \times 1/2 = \$23,151.00$

Lab Exemptions ... 75% of cost e.g. For a 6 credit course $\$6219 \times 6 \times 3/4 = \$34,726.50$

For further details, contact Dr. Roy Porter, Summer School Coordinator or Mrs. Nadine McEwan FPAS, Dean's Office between 8:30am - 4:30pm.
Telephone: 977-1785/935-8401/935-8962
email: roy.porter@uwimona.edu.jm