

# ***FACULTY OF PURE & APPLIED SCIENCES***



## ***2010/2011 SUMMER SCHOOL GUIDE***



***FACULTY OF PURE  
& APPLIED  
SCIENCES***

*"Why waste your summer away?"*

- When you can use it to increase your knowledge
- Meet your graduation requirements for 2009/2010
- Advance to the next level in your choice programme
- Complete your degree in less time and launch out in your career path

## *SUMMER SCHOOL CALENDAR*

<i>ACTIVITY</i>	<i>DATE</i>
<i>Normal Registration period &amp; adjustments to registration</i>	<i>May 24 – May 31<sup>st</sup>, 2011</i>
<i>Deadline for Payment of Fees</i>	<i>June 1, 2011</i>
<i>Teaching Begins</i>	<i>June 1, 2011</i>
<i>Late Registration</i>	<i>June 1 - 7, 2011</i>
<i>Add/Drop</i>	<i>June 8 – 14, 2011</i>
<i>Online Registration Site closes to students</i>	<i>June 7, 2011</i>
<i>Deregistration Begins</i>	<i>June 14, 2011</i>
<i>Mid – Semester Examinations</i>	<i>June 14-18, 2011</i>
<i>Teaching (Summer School) Ends</i>	<i>July 15, 2011</i>
<i>Summer School (Final)Examinations</i>	<i>July 20 - 30, 2011</i>

## 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

Course	Description	
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	

## COURSE CHOICES

### Department of Physics

Course	Description	
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 Geography and Geology

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

## COURSE CHOICES Con'd

### Department of Life Sciences

Course	Description	
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

## **FEE SCHEDULE**

	UWI Alumni Students	Non-UWI Students from Contributing Territories	Non-UWI Students from Non-contributing Territories
Per Credit	J\$7,717.00	J\$12,416.00	J\$37,251.00
<b>Miscellaneous Fees</b>			
Specially Admitted Student	J\$12,416.00	J\$12,416.00	J\$12,416.00
ID Card First Issue/Renewal	J\$500.00	J\$500.00	J\$500.00
Application Processing Fee	J\$1,500.00	J\$1,500.00	J\$1,500.00

### **UNDERGRADUATE STUDENT**

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  
 $\$7717 \times 6 \times 3/4 = \$34,726.50$

## SPECIAL NOTE

- Students of the University who have been granted leave of absence for Semester 1 and/or 2 or deferral of entry that wishes to pursue Summer School should register at the start of the Summer School, for Summer School only. Students who are on leave of absence for an entire year and who wish to do summer school will be required to pay miscellaneous fees.

## REGISTRATION PROCESS

- Registration includes three components all of which must be completed as follows:
  - Online Selection and Approval of Courses
  - Pay fees online, at the Bursary /Bank etc. for financial clearance
  - Check approval online

## COURSE SELECTION

- Students will be required to select courses via the Campus online Student Administration System (SAS).

Student can register:

\*Exams Only (MEX)

\*Lab Exemption Only (MLX)

Full Course (M11)

\*NB: Override approval for Exams Only and Lab Exemption will be granted by the Department Summer School Coordinator. Students are required to confirm with their respective department if they are eligible for Exams Only or Lab Exemption status.

- Students will only be eligible to register for a maximum of 12 credits.
- Changes to registration after June 7, 2011 can only be made by Academic Board through the Dean's Faculty Office. This request will attract a fee of \$1,000.00 per transaction.

## TUITION PAYMENTS

- Payments can be made online using the UWI Mona e-commerce system at <http://www.mona.uwi.edu/studinfo/fees>
- Fees can also be paid at the following locations without a UWI generated payment voucher (Paymaster, Bill Express, UWI Bursary Cashier, UWI (Mona) Community Co-operate Credit Union Limited and NCB island-wide.
- \*Late Registration Add/Drop Fee is J\$1,000.00 per transaction.
- Special arrangements can be made for student who wishes to pursue summer school, but are faced with financial difficulties. These students are required to contact the Summer School Coordinator to make arrangements.

## REFUND OF FEES

- Students requesting refunds are required to complete the Refund/Payment Request Form, which is available at the Student Administration System (SAS) no later than June 14, 2011 to initiate the process.

Refund penalty is charged as follows:

- No penalty before June 1, 2011
- 25% of fees up to June 7, 2011
- 50% of fees up to June 14, 2011.
- **Requests submitted after June 14, 2011 will NOT be processed and NO Refund will be granted.**
- **NO Refunds will be granted to students who sat Course Work and or Final Examinations.**
- Students who complete their payment (with special arrangement) after June 14, 2011 are not eligible for a refund.

## REGISTRATION FOR INTERNATIONAL STUDENTS AND SPECIALLY ADMITTED STUDENTS

### INTERNATIONAL STUDENTS

1. Download Application Form
2. Submit form via fax to the International Exchange Office (fax#1876-970-4471).
3. Contact Ms. Althea Gordon  
[althea.gordon@uwimona.edu.jm](mailto:althea.gordon@uwimona.edu.jm) or call 1876-935-8891 for any queries.
4. Students will be informed if they meet matriculation requirements.
5. UWI will provide an offer of acceptance so student can obtain a student visa (where necessary).
6. Pay fee before coming.
7. Check with the Summer School Coordinator for final approval.

### SPECIALLY ADMITTED STUDENTS

Special admission is open to applicants wishing to pursue one or more courses listed in our catalogue of courses.

1. Download Application Form  
[http://www.mona.uwi.edu/admission/specially\\_admitted.php](http://www.mona.uwi.edu/admission/specially_admitted.php)
2. Take the form to the Department offering the course and request that they approve the course by place initials next to the course name.
3. Take the signed (initialed) form to the Admissions Section. Contact persons **Mr. Terror Francis** or **Miss Paula Prince**
4. Await confirmation from the Admissions Section that your offer of entry has been approved and package prepared.
5. Accept the offer by indicating on the enclosed acceptance sheet.
6. Register for the course.
7. Pay the fees.

## *EPAS Summer School Coordinator*

Dr. Roy Porter – [roy.porter@uwimona.edu.jm](mailto:roy.porter@uwimona.edu.jm).

Faculty of Pure & Applied Sciences

Dean's Office

1-876-977-1785

## *Departments Summer School Coordinators*

Geography – Dr. Lyew-Ayee  
[anne.lyewayee@uwimona.edu.jm](mailto:anne.lyewayee@uwimona.edu.jm)

Mathematics – Dr. Sam McDaniel  
[sammcdan@yahoo.com](mailto:sammcdan@yahoo.com)  
Mrs. Orinthia Fisher-Howe  
[orinthia.fisherhowe@uwimona.edu.jm](mailto:orinthia.fisherhowe@uwimona.edu.jm)

Computing – Dr. Ezra Mugisa  
[ezra.mugisa@uwimona.edu.jm](mailto:ezra.mugisa@uwimona.edu.jm)

Chemistry – Ainka Brown  
[ainka.brown@uwimona.edu.jm](mailto:ainka.brown@uwimona.edu.jm)

Life Sciences – Dr. Tannice Hall  
[tannice.hall02@uwimona.edu.jm](mailto:tannice.hall02@uwimona.edu.jm)

Physics – Dr. Tannecia Stephenson  
[tannecia.stephenson02@uwimona.edu.jm](mailto:tannecia.stephenson02@uwimona.edu.jm)

Biochemistry – Cheryl Stewart-  
[cherylstewart@gmail.com](mailto:cherylstewart@gmail.com).





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](mailto:roy.porter@uwimona.edu.jm)