



DEPARTMENT OF CHEMISTRY U.W.I. MONA CAMPUS

INFORMATION FOR NEW STUDENTS CHEM0901, CHEM0902, CHEM1901, CHEM1902 2018/2019

Welcome to Chemistry! We in the Department are pleased that you have chosen Chemistry as one of your subjects of study at University. This leaflet is intended to provide information that will help you, especially in the first weeks of the semester, to settle into your role as a student in our Department. Please take the time to read it.

The day, time, and location of lectures, labs and tutorials may be accessed online when you register. The lecture timetables for both CHEM0901/0902 and CHEM1901/1902 are listed below. Each lecture is repeated, so you need attend only ONE from each pair of lectures shown in the timetable. You should attend THREE lectures per week in all.

LECTURE TIME TABLE

CHEM0901 and CHEM0902

DAY	TIME	LOCATION
1. Monday	5:00 pm	Science Lecture Theatre 1
Tuesday	8:00 am	Physics Lecture Theatre B
2. Tuesday	5:00 pm.	Science Lecture Theatre 1
Wednesday	9:00 am	Physics Lecture Theatre B
3. Thursday	12:00 noon	Science Lecture Theatre 1
Friday	5:00 pm.	Science Lecture Theatre 1

CHEM1901 and CHEM1902

	DAY	TIME	LOCATION
1.	Monday	5:00 pm.	Inter-Faculty Lecture Theatre
	Tuesday	8:00 am	Inter-Faculty Lecture Theatre
2.	Tuesday	5:00 pm.	Inter-Faculty Lecture Theatre
	Wednesday	9:00am	Inter-Faculty Lecture Theatre
3.	Thursday	noon	Inter-Faculty Lecture Theatre
	Friday	5:00 pm	Chemistry Lecture Theatre 2

Courses designated -01 are given in Semester 1
Courses designated -02 are given in Semester 2

LABORATORY REQUIREMENTS

1. Attendance

Laboratory attendance is compulsory. Students must attend a certain minimum number of laboratory sessions and achieve an acceptable total of Lab course marks in order to be exempt from the Practical Examination for these courses. The Lab course mark will, in any event, form 15% of your overall mark for the course. Absence from Labs caused by ill-health should be supported by a Certificate from the **University Health Centre**.

2. Lab Schedule

Chemistry Labs are scheduled for four hours – usually between 9:00 am – 1:00 pm & 2:00 pm – 6:00 pm. Labs are held every weekday (except Thursday) and for CHEM1901/2 there is also a lab session on Saturdays. You will register for **one** lab session.

When you register, you will select the day and time that is convenient for you to attend labs. It is important that you stick to that lab day for the duration of the semester. Labs begin on Monday September 3, 2018 and if you have chosen to attend labs on Mondays, it will be important for you attend on that day.

It is usually very difficult to move students from one Lab day (or Lab stream) to another, because the Labs are usually full to capacity and there are severe constraints imposed by the need to avoid timetable clashes. If you find that it is inconvenient to attend Lab on the day assigned, you should see **Mrs. L. Cross-Gordon*** but you should make the effort to attend on the day assigned, until a change can be arranged. (*Her office is next to the entrance to the CHEM0901/2 Lab)

3. Safety

Ensure that you are appropriately dressed and adequately equipped to attend laboratory sessions. A Safety Video will be shown to all new students on their first lab day and a safety quiz will be administered. Make sure that you attend this session and ensure that you leave knowing the safety requirements.

Note in particular that you are required to have Safety Glasses for the protection of your eyes, if you do not wear spectacles normally. It is part of the University's requirement that Safety Glasses and Lab Coats be worn at all times during Laboratory Sessions and that the shoes you wear are adequate to protect your feet from damage due to chemical spills. **The wearing of slippers/sandals is not allowed in the labs.**

4. Equipment Cupboards/ Lockers

The equipment you need to conduct the experiments on each lab day will be provided. You will be held responsible for any equipment assigned to you and so you must ensure that they are not damaged or broken while in your care. Items which are broken or which go missing must be replaced at the student's expense. These items may be purchased at the Chemistry Department's Stores. It is important that you pay attention to this because you could have your exam results withheld if you have outstanding bills at the end of the semester.

5. Manuals, Safety Glasses

The lab manual, with each week's experiment, will be available **online** on your course **OurVLE** page. A package containing the weekly worksheets, lab coat, safety glasses, nitrile gloves and chamois will be available in the Department at a cost of \$5,000. If you wear spectacles normally, you may purchase the package without safety glasses for \$4,500. Lab manual (\$1,500), lab coats (\$2,500), nitrile gloves (\$300), chamois (\$200) and safety glasses (\$500) are available from Mrs. Cross-Gordon's Office. Payment for the package may be made at the Department's Office either with an NCB Cash-card or any debit or credit card. Cash is not accepted. The receipt should be taken to Mrs. Cross-Gordon's Office to obtain the package.

6. Worksheets

In your lab package, there will be a booklet containing worksheets as detachable pages. You will be required to present all your data, comments and calculations on these worksheets. When these are graded and returned to you, they should be kept together in a folder so that they can be found at the end of the semester, if they are required by the examiners.

COURSE TESTS

In-course tests are an integral part of the course and they form 10% of the overall course mark. Attendance at these in-course tests is compulsory. You can expect to have two course tests per semester, these being held usually in the fifth and tenth weeks of the semester.

TUTORIALS

Tutorials are an important part of BOTH the CHEM0901/CHEM1902 and the CHEM1901/CHEM1902 courses. It is at tutorials that problems related to the lecture material are most conveniently discussed.

Note that **CHEM0901 & CHEM0902 tutorials MUST be submitted for grading** as they contribute to the overall mark for the course. CHEM0901/2 students are required to attend ONE tutorial each week while

CHEM1901/2 students must attend TWO (e.g. one Organic & one Physical, etc.).

Several tutorial slots are available. When you register, select the tutorial you wish to attend and stick to that tutorial for the semester.

ATTENDANCE REQUIREMENTS FOR CHEM0901 and CHEM0902

For a candidate to be entered to sit examinations in Preliminary Chemistry A (CHEM0901) or Preliminary Chemistry B (CHEM0902), the candidate **MUST** attend a **MINIMUM** of :

- 75% of the lectures (≥ 27 lectures) **and**
- 75% of the tutorials (≥ 9 tutorials) **and**
- 75% of the laboratory classes, that is, (≥ 9 laboratory classes).

The Academic Board may debar a candidate who fails to comply with these attendance requirements from writing examinations in these courses.

ATTENDANCE REQUIREMENTS FOR CHEM1901 and CHEM1902

ALL students are required to attend and participate in a **MINIMUM** of 75% of tutorials and 75% of the laboratory classes for this course.

BOOK RENTAL

The Department of Chemistry operates a book rental scheme through which you can rent most of the required textbooks. Please contact the Chemistry Main Office for details as early as possible if you are interested in renting textbooks.

REQUIREMENTS FOR ENTRY TO CHEMISTRY MAJORS

Prior to entering a major in Chemistry (General, Applied, Food or Environmental Chemistry) or a BSc Chemistry degree (Chemistry & Management, Chemistry with Education, Special Chemistry), students are required to successfully complete six credits of Level I Mathematics. Suitable Mathematics courses include **MATH1185** (Calculus for Scientists

and Engineers), **MATH1141** (Introduction to Linear Algebra & Analytical Geometry), and **STAT1001** (Statistics for Scientists). However, ANY six credits of Level I Mathematics are acceptable. Students who successfully complete the regular Level 1 Mathematics courses (MATH1141, 1142, 1151, 1152) would have also met the requirements.

CHEMISTRY HONOURS SOCIETY (CHS)

The Chemistry Honours Society seeks to recognize outstanding performance in Chemistry and encourages students to excel. After each semester's examinations, the top three students from the Preliminary and Introductory Chemistry classes will be named as Members of the Chemistry Honours Society.

SOME ADVICE TO NEW STUDENTS

CHEM0901/2 and CHEM1901/2 are both delivered and examined as University Courses. This means that the amount of material that is covered in two Semesters, (the University year), is about the equivalent of the material you would cover in two years at High School. Therefore, the pace at which new material is presented to you is significantly faster than that to which you have been accustomed in High School. This means that you must do work on your own, over and above the work you do in lectures, tutorials and labs and you must start from the first week to do this work in order to keep up with the pace.

Make sure that you get Course Outlines for every course you take. Use these to provide an overview of what the course is all about. Later, you should use them in conjunction with your lecture notes and the textbooks to guide your study for exams. Examination past papers are normally available on-line.

We in the Department of Chemistry join with the rest of the University community in again welcoming you to The UWI and in encouraging you to "*make this your place and time to shine*".

(August 2018)