

## **Modules**

### **InterDisciplinary (ID) Modules**

#### **ID4001 Communication and Teaching in Science**

Credits: 15.0 Semester: 1  
Availability: Available only to final year students who have been accepted following interview.

Description: This module is based on the Undergraduate Ambassador Scheme launched in 2002. It provides final year students within the Faculty of Science with the opportunity to gain first hand experience of science education through a mentoring scheme with science teachers in local schools. Students will act initially as observers in the classroom and later as classroom assistants. With permission of the teacher-in-charge, students may also be given the opportunity to lead at least one lesson, or activity within a lesson, during their placement. This module will enable students to gain substantial experience of working in a challenging and unpredictable working environment, and of communicating scientific ideas at various different levels; and to gain a broad understanding of many of the key aspects of teaching science in schools. While of particular value to students aiming for a career in education, these core skills are equally important for any career that requires good communication. Entry to this module is by selection following application and interview during the preceding semester.

Class Hour: Flexible  
Teaching: Occasional tutorials and a half-day training session.  
Assessment: Continuous Assessment = 100%

#### **ID4441 Combined Chemistry and Geoscience Research Project**

Credits: 35.0 Semester: both  
Prerequisites: Admission to stage 4 of BSc programme  
Anti-requisites: CH4442-CH4448, CH5441

Description: The research project at Level 4000 for Chemistry and Geoscience students only aims to develop the students' skills in the following areas: experimental design and problem-solving; abstraction, evaluation and interpretation of data in the chemical literature; practical skills and teamwork; communication of results orally and in a dissertation. The project will be selected and supervised jointly by members of the academic staff in Chemistry and Geoscience.

Class Hour: Two days per week.  
Teaching: Reflection, laboratory work, library work, written and oral presentation preparation.  
Assessment: Continuous Assessment = 100%