

Modules

InterDisciplinary (ID) Modules

ID2003 Science Methods

Co-ordinator: Dr CGM Paxton, Mathematics & Statistics, email: cgp2

Credits: 10.0 Semester: 1

Description: This module provides an overview of the rationale, methods, history and philosophy of science. We explore the different definitions of science, the distinction between science and pseudo-science, the design of experiments, critical thinking, errors in reasoning, making inferences, personal experience and science, the process of science and the role of anomalies in science. Case studies will include homeopathy, continental drift, autism and the MMR vaccination, (first) Gulf War Syndrome and the Loch Ness Monster. The module is collaboratively taught by staff from a number of schools in the University providing a useful methodological background for all science students.

Class Hour: 1.00 pm Monday, 1.00 pm Tuesday, 4.00pm Thursday.

Teaching: Two lectures and one practical class.

Assessment: Continuous Assessment = 50%, One-and-a-half hour Examination = 50%

Re-Assessment: 2 Hour Examination = 100%

ID2004 Science Ethics

Co-ordinator: Dr Morven Shearer, Biology, email: mcs6

Credits: 10.0 Semester: 2

Availability: 2006-07

Description: Scientific advances have expanded the boundaries of our knowledge in ways unforeseen 50 years ago, but along with these advances new issues and dilemmas have been raised that had previously never been considered. How can we decide the “right” thing to do? Are there forbidden questions or forbidden knowledge? Has science been misused? Is it right to create orresearch weapons of mass destruction? Should scientists cheat? In this module the importance and application of ethics within the current scientific and social climate will be addressed. Taught by staff from various Schools, students will learn how to reason and apply ethical theory in current debates such as scientific research, reproductive technologies, stem cells, nuclear proliferation, biodiversity and global warming. As this module is interdisciplinary, students from all Faculties are welcome and discussion and debate are encouraged.

Class Hour: 1.00 pm Monday, 1.00 pm Tuesday, 4.00 pm Thursday.

Teaching: Two lectures and one tutorial.

Assessment: Continuous Assessment = 50%, One-and-a-half hour Examination = 50%

Re-Assessment: Continuous Assessment = 50%, One-and-a-half hour Examination = 50%

Music (MU) Modules

Co-ordinator: Dr W Stevenson, Music, email: ws7

MU1003 Understanding Music

Credits: 20.0 Semester: 2

Description: This module provides an introduction to central elements in the philosophy, history and analysis of music, as well as a study of set works. In place of set works instrumentalists may choose an ensemble performance option.

Class Hour: 3.00 pm

Teaching: Four lectures and fortnightly tutorials.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

Re-Assessment: 3 Hour Examination = 100%

InterDisciplinary Modules – Sub-honours 2006/07 – August 2006

MU1004 Music Techniques

Credits: 20.0 Semester: 1
Description: Music Techniques offers student musicians diploma level tuition in harmony, counterpoint score reading and the evolution of orchestral instruments. A solo performance is required.
Class Hour: 3.00 pm
Teaching: Two lectures and one tutorial.
Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%
Re-Assessment: 3 Hour Examination = 100%

MU2001 Keyboard Performance

Credits: 20.0 Semester: 1
Prerequisites: MU1004 plus audition and sight-reading test.
Description: The module consists of two elements: 'performance' in which students receive training in continuo, clavichord, harpsichord, early piano and organ playing and 'performance studies' - lectures on stylistic and related issues. Students are required to give an end-of-module recital on a modern piano, the organ and at least one other keyboard instrument. Students also must demonstrate competence in figured bass realization and keyboard harmony and, in a two-hour examination, show awareness of issues in performance practice.
Class Hour: To be arranged
Teaching: One lecture and three tutorials.
Assessment: Continuous Assessment (Essay 20%, Performance 50%) = 70%, 2 Hour Examination = 30%
Re-Assessment: 2 Hour Examination = 50%, Performance = 50%

MU2002 Scottish Music

Credits: 20.0 Semester: 1
Description: Scotland's role in European music is explored in this module. The course includes tutorials in either musical composition or Scottish musical issues.
Class Hour: 9.00 am
Teaching: Two lectures and one tutorial.
Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%
Re-Assessment: 3 Hour Examination = 100%

MU2004 Music Techniques II

Credits: 20.0 Semester: 2
Prerequisites: MU1004
Description: Music created or amplified electronically has become increasingly significant in all popular and classical genres. The reasons vary from the practical to the esoteric. New electronic sounds and techniques widen the possibilities for composers while the absence of the prejudices to which classical acoustic instruments are often subject has interesting social implications for music as a mass culture. Students are invited to explore the impact of electricity and electronics on 20th century music and to create music themselves – traditional or avant garde – from electronic sources. Composition work is supported by a course in traditional harmony and counterpoint.
Class Hour: 9.00 am Tuesday and Thursday.
Teaching: One lecture, one tutorial and two practical classes.
Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%
Re-Assessment: Continuous Assessment = 25%, 2 Hour Examination = 75%

The details of the Honours modules – that is 3000 and 4000 level modules – which relate to the programmes listed in this section, are available in the Honours Course Catalogue.