

## **Sustainable Development**

### **Important Degree Information:**

#### **B.Sc./M.A. Honours**

The general requirements are 480 credits over a period of normally 4 years (and not more than 5 years) or part-time equivalent; the final two years being an approved Honours programme of 240 credits, of which 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels. Refer to the appropriate Faculty regulations for lists of subjects recognised as qualifying towards either a B.Sc. or M.A. degree.

#### **B.Sc./M.A. Honours with Integrated Year Abroad**

The general requirements are 540 credits over a period of normally 5 years (and not more than 6 years) or part-time equivalent; the final three years being an approved Honours programme of 300 credits, of which 60 credits are gained during the integrated year abroad, 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels. Refer to the appropriate Faculty regulations for lists of subjects recognised as qualifying towards either a B.Sc. or M.A. degree.

**Other Information:** In the case of students who spend part of the Honours programme abroad on a recognised Exchange Scheme, the Programme Requirements will be amended to take into account courses taken while abroad.

<b>Degree Programme:</b>	<b>Programme Requirements at:</b>
(B.Sc. Honours or M.A. Honours): <b>Sustainable Development</b>	<p><b>Single Honours Sustainable Development:</b></p> <p><b>Level 1:</b> 40 credits comprising passes in SD1001 and SD1003; <i>plus</i> 80 credits from other 1000-level modules appropriate to chosen B.Sc./M.A. path.</p> <p><b>Level 2:</b> 60 credits comprising passes at 11 or better in SD2001 and SD2002; <i>plus</i> 60 credits from two or more other modules, these normally being from a partner discipline appropriate to the chosen B.Sc./M.A. path, and in modules suitable to allow the further study of that subject at Honours level. Entry to Honours with passes at 11 or better in SD2001 or SD2002 and only one other suitable 2000-level module may be permitted at the discretion of the Head of School.</p> <p><b>Level 3 &amp; Level 4:</b> 140 credits comprising passes in SD3002, SD3003, SD4002 and SD4003; <i>plus</i> 100 additional 3000- and 4000-level credits appropriate to chosen B.Sc./M.A. pathway. Of the 240 credits required for an Honours degree, 90 credits must be at 4000 level and there must be no more than 30 credits at sub-honours level.</p>

Alongside the core SD modules students will normally select modules mainly from one other discipline area. For example, for a B.Sc. Single Honours Degree, modules will typically be selected from partner disciplines such as Geography and /or Biology and/or Chemistry and/or Mathematics & Statistics. For an M.A. Single Honours Degree, modules will typically be selected from management and/or philosophy and/or economics and/or modern history and/or international relations and/or social anthropology. While many students will identify a principal partner discipline to accompany SD, it is possible for a student to select modules from more than one other disciplinary area to develop their sustainable development pathway so long as their overall selection conforms with the regulations laid down for M.A./B.Sc Honours degrees, their choice meets with the approval of the Head of Schools in question, and appropriate prerequisites for their selected modules are in place.

## **Sustainable Development (SD) Modules**

### **SD1001 Sustainable Development: Priorities & Pathways**

Credits: 20 Semester: 1

Description: Sustainable development offers a framework to identify global priorities and to explore alternative pathways by which we may recognise environmental limits and strive for social justice, in order to leave a better world for future generations. This module takes an interdisciplinary, case study approach to critique diverse interpretations of sustainable development and to discuss its application at local, national and global levels. The module is taught collaboratively by staff from across the University (e.g. Biology, Divinity, Geography and Geosciences, Modern History, Social Anthropology and Estates). Students will explore themes such as the history and frameworks of sustainable development; biodiversity conservation; international development and culture; institutional sustainable development strategies; and sustainable agricultural systems. Cross-cutting themes will be identified and discussed and linkages will be developed across separate case studies.

Class Hour: 9.00 am Monday, Tuesday, Thursday, Friday

Teaching: 4 lectures each week, 2 tutorials.

Assessment: Continuous Assessment = 50%, 2-hour Examination = 50%

Re-Assessment: 2-hour Examination = 100%

### **SD1003 Sustainable Development: Towards Alternative Futures**

Credits: 20 Semester: 2

Anti-requisite: SD1002

Description: Sustainable development offers an approach to envisage alternative futures through the theoretical development of different paradigms and the practical application of such theories. This module takes an interdisciplinary, case study approach to different perspectives of sustainable development and to discuss its application at local, national and global levels. The module is taught collaboratively by staff from across the University (e.g. Art History, Biology, Chemistry, Economics and Finance, Geography and Geosciences, International Relations, Management, Mathematics and Statistics and Medicine). Students will explore themes such as climate change and responses; sound science, knowledge and learning for sustainable development; water and sanitation; governance for sustainable development; and values and ethics. Cross-cutting themes will be identified and discussed and linkages will be developed across separate case studies.

Class Hour: 9.00 am Monday, Tuesday, Thursday, Friday

Teaching: 4 lectures each week, 2 tutorials.

Assessment: Continuous Assessment = 50%, 2-hour Examination = 50%

Re-Assessment: 2-hour Examination = 100%

### **SD2001 Sustainable Development: Ecological & Environmental Aspects**

Credits: 30 Semester: 1

Prerequisites: Normally SD1001 and SD1003

Description: This interdisciplinary module introduces students to a range of ecological and environmental issues associated with sustainable development. It is taught collaboratively by staff from the Schools of Biology, Chemistry, Geography & Geosciences and Mathematics & Statistics. The module explores five main themes: ecosystem functions and services (biodiversity, ecosystems, the role of soils, climate and water), the anthropogenic effects on ecosystem functions and services (habitat change, agriculture, forestry, atmospheric change, urbanisation), conservation of biodiversity (extinctions, species and habitat protection, protected area design, community participation), technology and the environment (energy supply and use, climate change), and environmental monitoring and assessment techniques. Case studies at local and global levels are used to illustrate the above. Assessment includes an essay, a poster presentation and a seminar on a topic of the student's choice.

Class Hour: 1.00 pm

Teaching: 4 lectures, 1 seminar and 1 tutorial per week.

Assessment: Continuous Assessment = 50%, 3-hour Examination = 50%

Re-Assessment: 3-hour Examination = 100%

## **Sustainable Development – 1000 & 2000 Level 2011/12 – September 2011**

### **SD2002 Sustainable Development: Social & Economic Aspects**

Credits: 30 Semester: 2

Prerequisite: SD2001

Description: This interdisciplinary module explores a broad range of issues concerning social justice and development which are associated with sustainable development. It is taught collaboratively by staff from the Schools of Geography & Geosciences, Management, History, International Relations, Philosophical, Anthropological & Film Studies, and Medicine. There are four central themes explored in the module: (i) values, philosophy and history of sustainability and development (definitions, education for sustainability and ecology and empire); (ii) policy, decision making and governance (environmental security and threats to the state; waste and pollution management; EIAs and SEAs; governance); (iii) markets and institutions (organizations and managing for sustainable development; ethical investment; corporate reporting; branding); (iv) development, cultures and social justice (anthropology and development; indigenous peoples; gender; mining; health). Examples from around the world are used to illustrate the above. Assessment includes a social audit, practical project and a seminar on a topic of the student's choice.

Class Hour: 1.00 pm

Teaching: 4 lectures, 1 seminar and 1 tutorial per week.

Assessment: Continuous Assessment = 50%, 3-hour Examination = 50%

Re-Assessment: 3-hour Examination = 100%

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

