InterDisciplinary Modules

ID5010 Geographic Information Systems for Social Research

Credits:	15	Semester:	1

Prerequisite: A basic ability in computer skills (Basic word processing, spread sheet analysis)

Anti-requisite: GE5005, ID5011, ID5012

Programme(s): Optional module for Health Geography Research Taught Programme

Description: This module provides an introduction to Geographic Information systems and their use in health (and related) problem solving. The module will be taught through a series of lectures, tutorials, laboratory classes and individual projects. The module will be assessed through class exercises and the final individual project. Students will be introduced to methods of acquiring, storing, analysing and displaying (2D and 3D) spatial digital data using the ArcGIS data package. An introduction to data manipulation and statistical techniques on a variety of health examples will be given.

Class Hour: To be arranged.

Teaching: Lectures, practicals and occasional tutorials.

Assessment: Continuous Assessment = 50%, Short Project = 50%

ID5011 Geographic Information Systems for Environmental Management

Credits:	15	Semester:	1

Prerequisite: A basic ability in computer skills (Basic word processing, spread sheet analysis)

Anti-requisite: GE5005, ID5010, ID5012

Programme(s): Optional module for Environmental Biology, Mathematics & Statistics, Economics, Management and Environmental History Taught Postgraduate Programmes.

Description: This module provides an introduction to Geographic Information systems and their use in environmental problem solving. The module will be taught through a series of lectures, tutorials, laboratory classes and individual projects. The module will be assessed through class exercises and the final, short individual project. Students will be introduced to methods of acquiring, storing, analysing and displaying (2D and 3D) spatial digital data using the ArcGIS data package. An introduction to data manipulation and statistical techniques on a variety of environmental examples will be given. The module is taught within the School of Geography & Geosciences but incorporates datasets and analysis techniques used in earth and environmental science, biology, archaeology, and mathematics.

Class Hour: To be arranged.

Teaching: Lectures, practicals and occasional tutorials.

Assessment: Continuous Assessment = 50%, Short Project = 50%

ID5012 Advanced Geographic Information Systems

Credits:	20	Semester:	1

Prerequisite: A basic ability in computer skills (Basic word processing, spread sheet analysis)

Anti-requisite: GE5005, ID5010, ID5011

Programme(s):   Optional module for M.Res. in Environmental Biology Taught Postgraduate Programmes.

Description: This module provides an advanced training in Geographic Information Systems (GIS) and their use in environmental problem solving. The module will be taught through a series of lectures, tutorials, laboratory classes with emphasis on a final independent GIS project. The module will begin with an introduction to data storage and manipulation, basic analysis of 2D and 3D spatial digital data and methods of display and will conclude with database design and more advanced data analysis using ArcGIS. Assessment will be based on the class exercises and the final project. The module is taught within the School of Geography & Geosciences but incorporates datasets and analysis techniques used in earth science, biology, economics and management and mathematics.

Class Hour: To be arranged.

Teaching: Lectures, practicals and occasional tutorials.

Assessment: Continuous Assessment = 40%, Individual Project = 60%

ID5101 Introduction to University Teaching 1: Supporting Student Learning

Credits:	10	Semester:	1

Prerequisite: Mandatory PG tutor/demonstrator training (for PG applicants)

Co-requisite: Must be tutoring, demonstrating or lecturing in the same semester (this is a practice-based module)

Programme(s):   Stand Alone Professional Development Module - Cannot be used as a module option for any degree programmes.

Description: This module is aimed at postgraduate tutors/demonstrators and new academic staff without significant teaching experience. In a series of interactive workshops we consider issues of importance for those who are supporting student learning at university. We explore learning theories, reflective practice, equality and diversity, internationalisation, effective lecturing and how technology can enhance learning in various contexts. This module is collaboratively taught by CAPOD staff and academic and support colleagues from various Schools and Units. Successful completion of this module leads to Associate Fellowship of the Higher Education Academy.

Class Hour: To be arranged.

Teaching: Lectures, practicals and tutorials.

Assessment: Continuous Assessment = 100%

ID5102 Introduction to University Teaching 2: Curriculum Design & Assessment

Credits:	10	Semester:	2

Prerequisite: Mandatory PG tutor/demonstrator training (for PG applicants), ID5101 (may be taken concurrently)

Co-requisite: Must be tutoring, demonstrating or lecturing in the same semester (this is a practice-based module)

Programme(s): Stand Alone Professional Development Module - Cannot be used as a module option for any degree programmes.

Description: This module is aimed at postgraduate tutors/demonstrators and new academic staff without significant teaching experience. In a series of interactive workshops we consider issues of importance for those who are supporting student learning at university. We explore curriculum design (including constructive alignment) and principles of assessment and effective feedback, including how technology can be used to provide feedback. This module is collaboratively taught by CAPOD staff and academic and support colleagues from various Schools and Units. Successful completion of this module leads to Associate Fellowship of the Higher Education Academy.

Class Hour: To be arranged.

Teaching: Lectures, practicals and tutorials.

Assessment: Continuous Assessment = 100%

SS5101 Being a Social Scientist: Skills, Processes & Outcomes

Credits:	15	Semester:	1

Programme(s): Compulsory module for various M.Res. Programmes.

Description: This module focuses on developing students' specific research thinking and writing skills in a practically based way. Thus, the module will address the nature of being a research social scientist including exploring some of the ethical issues involved. The module will also consider selecting suitable research questions and framing these as appropriate for Masters and Ph.D. dissertations.

Class Hour: To be arranged.

Teaching: 3-hour lecture, fortnightly

Assessment: Continuous Assessment = 100%

SS5102 Philosophy & Methodology of the Social Sciences

Credits:	15	Semester:	2

Programme(s): Compulsory module for various M.Res. Programmes

Description: Beginning with a discussion of the evolution of the social sciences, this module addresses central philosophical questions of social science including discussion of epistemological and methodological aspects of positivism and interpretivism.

Class Hour; 10.00 am - 12.00 noon Friday.

Teaching: Details to follow.

Assessment: Continuous Assessment = 100%

SS5103 Qualitative Methods in Social Research

Credits:	15	Semester:	2

Programme(s) Compulsory module for various M.Res. Programmes

Descripttion: This module offers both a theoretical and practical introduction to qualitative research. The diversity of the approaches to qualitative research will be addressed but the focus of the module is primarily practical necessitating the active participation of students.

Class Hour: To be arranged

Teaching: 2 hours, weekly

Assessment: Continuous Assessment = 100%

SS5104 Quantitative Research in Social Science

Credits: 15   Semester: 1

Programme(s)   Compulsory module for various M.Res. Programmes

Description: This module will cover basic concepts and approaches to quantitative research in the social sciences in order to provide students with the basic quantitative tools for collecting, organising and analysing data.

Class Hour: To be arranged

Teaching: Details to follow

Assessment: Continuous Assessment = 100%

SS5104 Quantitative Research in Social Science