

School of Computer Science

Head of School

Professor R Morrison

Degree Programmes

Graduate Diploma: Information Technology

M.Litt.: Information Technology in Arts

Note: the M.Litt. programme is available only in conjunction with a “Home School”, i.e. one of the Schools of Art History, of Greek, Latin & Ancient History and of Social Sciences; other Schools may be added in due course.

Programme Requirements

Information Technology

Graduate Diploma : IS4001

Information Technology in Arts

M.Litt: 120 credits in IS4002 and IS4003 at average grade 12 or more, together with a three month 60 credit dissertation of not more than 15,000 words, with grades of 14 or more both overall and in the dissertation. Up to 20 credits worth of IS4003 may be replaced by research training offered by the Home School. Achievement not meriting award of the MLitt may be rewarded by the award of the Graduate Diploma.

Modules

IS4001 Graduate Diploma in Information Technology

Credits: 120.0

Semester: 1 & 2

Programme: Graduate Diploma in Information Technology

Description: The primary aim of this intensive course is to provide graduates with sufficient high-level IT skills to enhance their employment prospects. This course is taught by a combination of formal lectures and seminars, laboratory-based tasks, and project work. Topics covered include: The Internet, the World Wide Web, Multimedia, Video and Data Conferencing, Word Processing, Spreadsheets, Graphics, UNIX, Windows, the Client/Server model, Databases, Electronic Publishing, Computer Security, Systems & Communications, Elementary Software Engineering and Ethical, Legal, Professional and Social Aspects of Computing. The course also includes a substantial “work placement” project component.

Class Hour: Full-time

Teaching: Daily lectures and supervised laboratory sessions and weekly tutorials.

Assessment: Continuous Assessment = 100%

Computer Science - 4000 Level modules

IS4002 Vocational Information Technology

Credits: 60.0 Semester: 1

Programme: Compulsory module for M.Litt. in Information Technology in Arts

Prerequisites: Entry to the M.Litt. Programme in Information Technology in Arts, with the other subject of the programme defining the Home School. Thus, entry is only for postgraduates who are accepted as MLitt students for the Home School.

Anti-requisites: Any similar module from any University; but students with a pass in such a module may, at the Head of School's discretion, be admitted and required to complete up to an extra 15 credits worth of supervised advanced IT study or Home School coursework.

Description: This module is an intensive practically oriented introduction to information technology, covering The Internet, the World Wide Web, Multimedia, Video and Data Conferencing, Word Processing, Spreadsheets, Graphics, UNIX, Windows, the Client/Server model, Databases, Electronic Publishing, Computer Security, Systems & Communications, Elementary Software Engineering, the Ethical, Legal, Professional and Social Aspects of Computing, and Applications of IT in the Arts and Social Sciences in general. In addition, 5 credits worth of subject-specific material must be covered by arrangement with the Home School and a further 5 credit term paper is required for the Home School.

Class Hour: Full-time

Teaching: 4 or 5 lectures each week; tutorials, seminars and practicals, including tuition for the Home School-specific material and term paper.

Assessment: Continuous Assessment = 100%

IS4003 Vocational Information Technology Project

Credits: 60.0 Semester: 2

Programme: Compulsory module for M.Litt. in Information Technology in Arts

Prerequisite: IS4002

Co-requisites: Available only as a component of the M.Litt. Programme in Information Technology in Arts, with the other subject defining the "Home School".

Description: A work-placement module, for a "remote supervisor" in the Home School, elsewhere in the University or in a local enterprise, on an IT project of likely benefit to the remote supervisor. The topic must be approved by the Heads of the Home School and of the School of Computer Science.

Class Hour: Full-time

Teaching: Supervision, technical guidance and day-to-day support provided by the School of Computer Science; some supervision provided by the remote supervisor. In case the remote supervisor is not in the candidate's Home School, additional monitoring from the Home School will be arranged.

Assessment: Final assessment of project report = 100%