The Graduate Diploma of Computing is designed for people who already have a university degree in a discipline other than computing, who wish to enhance their professional qualifications by developing computing skills and exploring current technologies.

Entry to the Graduate Diploma of Computing is also available to people with no undergraduate degree but at least six years relevant industry experience, or an advanced diploma level qualification and at least three years relevant industry experience. Other levels of industry experience and/or qualifications may be acceptable, subject to discussion with, and recommendation by, Head of School.

A pathway to a new career

With a degree in Commerce, Fine Arts, Science, Languages or other discipline, a Graduate Diploma of Computing will assist you to enter a new career as a fully qualified computing professional.

Refocus an existing career

If you are working within the ICT industry but do not have a tertiary level computing qualification, the Graduate Diploma of Computing will enhance your knowledge and skill base, and further your career prospects.

If you are a teacher, health professional, accountant, administrative officer or employed in any other area, the Graduate Diploma of Computing will assist you to build a stronger career path within your existing work environment.

Start dates

There are two semesters each year at the University of Tasmania and each semester has thirteen teaching weeks. First semester starts late February and continues until June and second semester starts early July and continues until November. You can begin your Graduate Diploma of Computing program in first or second semester.

The course is offered internally at the Launceston and Hobart campuses. It is most commonly studied part-time over two years, but may be taken as a one-year full-time course.

A typical course structure

Part-time over two years (four semesters) students will complete two Core or compulsory units for each of the first year semesters, followed by two Advanced Computing Elective units for each of the second year semesters.

(If studied as a full-time course for one year, units will be selected for each of the two semesters in consultation with the course coordinator.)
Choice of units

Choose four Core (or Compulsory) Computing Units from the following:
• Programming & Problem Solving
• Computer Systems Fundamentals
• Algorithms
• ICT Project Management
• Advanced Dynamic Web Development

• Programming with Data Structures
• Data Management
• Web Management
• Computer Security
• Computer Networks

Choose four Advanced Computing Elective units from the following:
• Mobile and Ubiquitous Computing
• Concurrent Programming
• Data Mining and Text Retrieval
• Human Computer Interaction

• Artificial Intelligence
• Computer Graphics & Animation
• Programming C# and .NET Applications

Student facilities and support

• The School of Computing & Information Systems is centrally located on campus, with safe, easy access to student accommodations, student services, cafeterias and social and sporting venues.
• The School has appointed an International Affairs Co-ordinator to support overseas students
• Small group tuition is provided, and lecturers and tutors are readily available for individual consultation
• 24-hour access to PC, Mac, Unix and special or research laboratories
• All students have use of a student lounge, rooms for group work, a seminar room, and outdoor BBQ and function area
• There are many active student groups offering a wide range of academic, social, cultural and sporting opportunities
• An active interface exists between the School of Computing & Information Systems and the Tasmanian business community
• A student exchange program is offered in conjunction with many overseas universities

English language requirements

The minimum English language competency requirement is 6.0 in IELTS (no band less than 5.5) or 213 in Computer Based TOEFL (equivalent to 550 in TOEFL), including 4.5 for written English, or a substantial proportion of prior education undertaken in English. Applicants may enrol in an English language course conducted at the University.

Contacts

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