Information Technology
Bachelor of Information Technology (Programmer/Analyst)
About Holmesglen

Established in 1982, Holmesglen Institute of TAFE is the largest vocational education and training provider in Victoria and was the first educational institution in Australia to obtain International Quality Assurance Certification to ISO9001 standard - a demonstration of its total commitment to quality and academic excellence. Holmesglen has a reputation as an innovative and dynamic educational institution that maintains the highest standards of instruction and provides a complete student support system, using the latest developments in instructional technology and pastoral care.

Holmesglen’s degrees are staffed by highly qualified academics and industry professionals recognized as leaders in their field.

Holmesglen provides an excellent environment for students where academic and welfare support are central to the education philosophy. The Institute is located in the Melbourne suburbs of Chadstone, Glen Waverley and Moorabbin close to public transport, shops, restaurants and sporting facilities.

Holmesglen has modern classrooms with audio-visual equipment, computer laboratories, graphic design studios, building and engineering workshops, a well-equipped Learning Commons (library) on each campus containing fully-networked computers, group discussion rooms and comfortable informal study areas, as well as support to help students with research and study needs.

For further information, students should refer to Holmesglen’s international student prospectus available at www.holmesglen.edu.au

Course Information

The Bachelor of Information Technology (Programmer/Analyst) is structured to equip students with a thorough understanding of the key IT business functions, including programming, database management, and analysis and design development. Students will gain essential vocational skills throughout the program, as emphasis is placed on professionalism at all times, with a hands-on approach to all units of study. Most subjects have an element of assessment that requires students to present orally to an audience. Many subject areas also require students to work in a team environment, where they will develop the ‘soft skills’ that are crucial when undertaking business dealings, and project work.

SAP

An important feature of the degree is that the program is built around SAP enterprise software which is widely used in large enterprises throughout Australia and internationally. Students are exposed to SAP products throughout the course, with the software being taught and used in ten out of the twenty-eight units in the course. An industry placement within a SAP environment will enable students to integrate multiple disciplines during the second semester of Year 3.

Students will also be given many opportunities to develop applications that use the SAP database structures and enhance the processing of data through the SAP software.
**Course Structure**

The Bachelor of Information Technology (Programmer/Analyst) is a 28 subject program, all of which are core. The first three semesters of the course are aimed at introducing students to generic Information Technology skills and knowledge, across many of the areas within the Information Technology industry. The final four semesters are focused on Software Development concepts, skills and knowledge and the use and application of the SAP product.

Students who successfully complete the first 18 months of the program, will be eligible for a Diploma of Information Technology (Software Development).

**SAP related Subjects**

- Introduction to Programming for a Business Environment
- Business Information Systems
- Programming for a Business Environment
- Database Administration
- Project Management and Quality Principles
- Industry Placement
- Database Design and Management Using an Enterprise
- Software Testing
- Introduction to Enterprise Service Oriented Architecture
- Database Warehousing and Mining

**Generic IT Subjects**

- Programming 1
- Database 1
- Business Communication
- Data Communications
- Programming 2
- Database 2
- Business Ethics
- Systems Analysis and Project Management
- Programming 3
- Database 3
- Software Development Project
- Risk Management
- Business Decision Analysis
- Leveraging ICT for Business
- System Development Methods
- Industry Placement Preparation
- Managing in the Workplace
- Information Security and Risk Management

The course requires three and a half years (7 semesters) of full-time study normally taken by full-time students as four units per semester.

**Enrolment & Assessment**

At enrolment, students will receive a study pack listing references, required texts and software. Access to these materials will be available in the Learning Commons.

Subjects will be delivered in the form of face-to-face lectures and tutorials. All subjects are supported by online material and access to the SAP software is provided on campus by Holmesglen.

Assessment comprises written assignments, exams, practical application projects and professional placement. Students are required to attend tests and examinations as scheduled by Holmesglen.

On satisfactory completion of three and a half years (seven semesters) of study, students will be eligible for the Bachelor of Information Technology (Programmer/Analyst).

**Career Opportunities and Opportunities for Further Study**

Graduates of the Bachelor of Information Technology (Programmer/Analyst) will be prepared for a professional career and post-graduate study in the broad field of information technology.

Employment opportunities exist for graduates of this course as programmers, trainee analysts / programmers, SAP business analysts or SAP developers.

**Admission Requirements**

- Year 12 level studies (or the overseas equivalent);
- Qualifications and/or experience acceptable to the Course Admissions Committee; AND
- English language proficiency of IELTS 6.0, ISLPR 3, TOEFL 237 (CB) or 92 (iBT) or equivalent.

**Commencement Dates and Campus Location**

The Bachelor of Information Technology (Programmer/Analyst) commences in February and July each year.

The course is offered at Holmesglen’s Chadstone campus.
Why Study at Holmesglen?

We offer:
- State of the art technology, systems and facilities, with student access seven days a week
- Innovative, quality assured programs
- Two intakes per year
- Diverse range of academic and welfare support services
- Dedicated, highly qualified staff with an extensive range of skills and experience
- Small classes ensuring individual attention and support.
- Convenient campus location right next to Holmesglen railway station.
- Study in Melbourne – a large cosmopolitan city with good work opportunities
- Holmesglen is an Australian Government institution. Your enrolment is secure. Your fees are safe