



Program Information

The Early Transition Program – Information Technology Stream provides foundation knowledge in mathematics, physics and academic skills, enabling students to undertake a range of Adelaide University Bachelor degrees in the IT discipline.

All Information Technology students are required to complete Mathematics for Study (MMS001) and Language Development Module 1 (LDM100) in their first trimester (unless exempted). Although MMS001 and LDM100 do not count towards the study load or GPA, a non-graded pass is required for the program of study. **A non-graded pass in LDM100 is required for graduation.**

| Stage 1 | | Study Load | Units |
|----------|---|------------|-------|
| ESS001 | Essential Study Skills | 25% | 4.5 |
| ITN002 | Information and New Media Technologies | 25% | 4.5 |
| PRG001 | Programming | 25% | 4.5 |
| CPP002 | Communication, People, Place and Culture | 25% | 4.5 |
| ARC002 | Academic Research and Critical Enquiry | 25% | 4.5 |
| MST001 | Mathematics and Statistics | 25% | 4.5 |
| DES001 | Design | 25% | 4.5 |
| Elective | Choose from: Media and Society, Early Career Development, Business Fundamentals, Human Biology, Physics 1 | 25% | 4.5 |

ETP (Information Technology) Pathway Programs

Please refer to the following website for information on Pathways:

<https://saibt.sa.edu.au/adelaide-university/early-transition-programs/>

Program Outline

Tertiary Preparation

Language Development Module 1

This module is designed to provide students with opportunities to review, develop and practice the English language systems and skills required to successfully participate in an undergraduate degree program. Successful completion of this module is required for graduation.

Mathematics for Study

This unit provides a foundation in mathematics to provide students with skills to support their future university studies. Students are supported to develop core concepts and skills, and to apply these to solve problems.

Stage 1

Academic Research and Critical Enquiry

This module will introduce you to the basic principles of critical thinking. It also assists you in developing skills needed for the tertiary study environment, including academic reading, listening, and note-taking, as well as written formats and referencing.

Information and New Media Technologies

You will be introduced to the use of the Internet, social media and associated technologies in society and business. Through the module, you will utilise Microsoft Office along with online tools for effective communication and discuss the ethical and security issues related to the use of Information Communication Technologies.

Communication, People, Place and Culture

In this unit you are introduced to the basic principles of communication and its role in society and culture. You will investigate the effects of different forms of verbal and non-verbal communication and describe cultural influences on the communication process.

Essential Study Skills

In this module students will be provided with an understanding and application of essential study skills, covering independent learning skills and styles, active listening, presentation, and group work skills.

Programming

This module introduces you to the basic principles of programming and their use in writing simple programs. You will use the systems development life cycle to write programs combining different data types and programming structures and learn techniques to test successful outcomes.

Mathematics & Statistics

This module introduces you to the mathematical concepts required for further studies, particularly in statistics. You will learn to use fundamental arithmetic and algebra to solve problems, and apply statistical processes and concepts including sampling techniques and different forms of presentation.

Design

This module provides you with an introduction to the basic principles of design and their application to various publications. You will use the design process and different software applications to publish material for both print and electronic media and analyse the messages communicated through different design elements.

Stage 1 Elective Modules

Select one elective module

Media & Society

This module analyses the use of media in society and its role in cultural life. You will investigate the different factors, which shape cultures today and discuss how the media affects popular culture, interpretations of the world and contributes to cultural identity.

Early Career Development

The module provides students with a professional guide to career planning to ensure success in their future working lives. The module includes understanding modern workplaces and practices, the responsibilities of different agents in the work environment, and the acquisition of knowledge and skills related to employment including interviews and applying for jobs. This course aims to bridge understandings and to prepare students for the professional and wider world.

Business Fundamentals

This unit provides you with an understanding and application of foundation concepts in the business disciplines of management and leadership, finance, marketing and human resources. You will discuss current trends, opportunities, and issues that impact on contemporary business and learn to use appropriate communication for the business environment.

Human Biology

This module will introduce you to the basic concepts of human biology as a foundation for further study in this area. You will develop an understanding of the main body systems and the associated biology, and an awareness and appreciation of the human body in a personal, social, and medical context.

Physics 1

In this module you are introduced to the basic concepts of Physics, with a particular focus on motion and heat. You will learn appropriate equations and units for demonstrating different concepts and conduct experiments to analyse and test theories.