

## Digital Enterprise (DEN) Major

### Course Enrolment Planner

At Sydney International, our courses put you at the heart of the field that is driving our world forward. We have designed our Bachelor of Information Technology course so that if you want to be a cyber security analyst, network engineer, data analyst, software developer, IT project manager, business analyst, design multimedia experiences, or develop smart systems for the future, this course will give you the technical, analytical and creative skills to develop solutions, innovate and be successful in the information economy.

Topics include an in-depth exploration of IT infrastructure technologies; the technical and business elements required to analyse, design, implement, manage, and support complex IT resources; transformative business solutions; enterprise architecture; networks, virtual and cloud-based deployment.



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## First Year

Study Period 1	Study Period 2
<b>ICT101</b> Introduction to the Internet and Web Development	<b>ICT105</b> Data Modelling and Database Systems
<b>ICT102</b> Technology and Networks	<b>ICT106</b> Technical User Support
<b>BUS101</b> Business Communications	<b>DEN101</b> Introduction to Programming
<b>ICT104</b> Introduction to Information Systems	<b>DEN102</b> Mobile and Internet Apps Development



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## Second Year

Study Period 3	Study Period 4
<b>ICT201</b> Systems Development Lifecycle and Project Management	<b>ICT203</b> User-Centred Design
<b>ICT202</b> Cybersecurity	<b>ICT204</b> Design Thinking and Requirements
<b>DEN201</b> Enterprise Architecture	<b>ICT205</b> Data Analytics
<b>DEN202</b> Network Administration	<b>DEN203</b> IT Strategy & Management



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## Third Year

Study Period 5	Study Period 6
<b>ICT302</b> Entrepreneurship and Innovation	<b>ICT301</b> Professional Experience
<b>ICT303</b> Capstone Project 1	<b>ICT304</b> Capstone Project 2
<b>DEN301</b> Virtual Systems and Services	<b>DEN303</b> Contemporary Topics in IT
<b>DEN302</b> Cloud Infrastructure	<b>DEN304</b> Digital Transformation