



**DEAKIN**  
UNIVERSITY

Lancaster  
University



INDONESIA

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## **Program Learning Outcomes 2025/2026**

**Bachelor of Computer Science - Deakin University**

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## Program learning outcomes

### *Bachelor of Computer Science – Deakin University*

Students will cover the following learning outcomes, drawn from accreditation requirements, during their program:

<b>Deakin Graduate Learning Outcomes</b>	<b>Program Learning Outcomes</b>
<b>Discipline-specific knowledge and capabilities</b>	Develop a broad, coherent knowledge of the computer science discipline, with detailed knowledge of the application of computer science methods and principles in modern computing systems. Use knowledge, skills, tools and methodologies for professional computer science practice. Design algorithms, system models, software components, computing systems and processes, to meet application requirements within realistic economic, environmental, social, political, legal and ethical constraints.
<b>Communication</b>	Communicate in a professional context to inform, explain and drive sustainable innovation through computer science, utilising a range of verbal, graphical and written methods, recognising the needs of diverse audiences.
<b>Digital literacy</b>	Use digital technologies, platforms, frameworks and tools from the field of computer science to generate, manage, process and share digital resources and solutions.
<b>Critical thinking</b>	Critically analyse information provided to inform decision making and evaluation of plans and solutions associated with the field of computer science.
<b>Problem solving</b>	Apply cognitive, technical, and creative skills from computer science to understand requirements and design, implement, and operate solutions to real-world and ill- defined computing problems.
<b>Self-management</b>	Work independently to apply knowledge and skills to new situations in professional practice and/or further learning in the field of computer science with adaptability, autonomy, responsibility, and personal accountability for actions as a practitioner and a learner.
<b>Teamwork</b>	Work independently and collaboratively to achieve team goals, contributing knowledge and skills from computer science to advance the teams objectives, employing effective teamwork practices and principles, and comprehending distinct workplace roles and their functions.
<b>Global citizenship</b>	Apply professional and ethical standards and accountability in the field of computer science and engage openly and respectfully with diverse communities and cultures.