Master of **Software Engineering**

(Cloud Computing, Advanced)

A degree to equip you for the jobs of tomorrow!

The Master of Software Engineering (Cloud Computing, Advanced) addresses industry demand for highly technical software engineers and developers with skills that encompass DevOps, big data, analytics and distributed development.

It offers professionals the opportunity to upskill in order to improve career prospects, provides recent graduates with the chance to continue and specialise in Cloud Computing and DevOps. The course is anchored by distributed development to the field of cloud computing in the wider software engineering body of knowledge.

CRICOS Code: 099355K

Intake dates

Feb, Jun, Sept

Duration

Full time: 2 years

Fee

$57,200

Locations

Adelaide, Melbourne, Sydney

Entry and English requirements

- A completed higher education qualification at AQF level 7 (Bachelor Degree) or above from an Australian University in a relevant field of study or an equivalent overseas higher education qualification.

OR

- Applicants without formal qualifications may be admitted to the Graduate Certificate on the basis of at least 3 years professional experience in software development. Applications will be assessed on a case by case basis.

- For international applications IELTS 6.5 with no skills band less than 6 (or equivalent TOEFL, CAE or PTE).

Career outcomes

- Senior Software and Systems Engineer

- Full Stack Engineer

- Applications Solution Architect and Specialist

- Senior DevOps Engineer

- Development Director

- Systems Architect

Course structure

The course structure comprises 11 core subjects and 2 elective subjects over Levels 400, 500, and 600, as follows:

Level 400 4 core

Level 500 3 core + 1 elective

Level 600 4 core + 1 elective

To be awarded the Master of Software Engineering (Cloud Computing, Advanced), students must complete 160 credit points over 13 subjects as outlined in the course structure above. Each subject has a value of 10 credit points, with one subject having a value of 20 credit points (TWL604 – Technology Work Integrated Learning) and one having the value of 30 credit points (ATW606 – Advanced Technology Work Integrated Learning).

Year 1

- Software Engineering Principles
- Human Centred Design
- Secure By Design
- Software Development Management
- Elective
- Cloud Computing Fundamentals
- Research Methodologies
- DevOps Tools

Year 2

- Big Data & Analytics
- Distributed Development
- Elective
- Technology - Work Integrated Learning
- Advanced Technology - Work Integrated Learning

At Torrens University Australia, you can:

- Start your course at multiple points throughout the year
- Be supported at every step of your learning experience, giving you the best possible opportunity to succeed
- Connect with students from other Laureate International Universities and higher education institutions around the world
- Experience a modern education in a contemporary, technology enriched learning environment designed to deliver the education you need

How to apply

Please send all documentation to
intadmissions@laureate.net.au

For more information

Please contact your agent or local Laureate Australia representative, or visit **www.torrens.edu.au**