

## Master of Software Engineering

Year 1			
S1	COMP SCI 7007 Specialised Programming <input type="checkbox"/>	^Software Engineering Elective (see elective table) <input type="checkbox"/>	**Software Engineering Elective (see elective table) <input type="checkbox"/>
S2	COMP SCI 7015 Software Engineering & Project <input type="checkbox"/>	**Software Engineering Elective (see elective table) <input type="checkbox"/>	**Software Engineering Elective (see elective table) <input type="checkbox"/>
Year 2			
S1	*COMP SCI 7096A Master of Software Engineering Project Part A (6 units) <input type="checkbox"/>	COMP SCI 7023 Software Process Improvement <input type="checkbox"/>	COMP SCI 7036 Software Engineering in Industry
S2	COMP SCI 7096B Master of Software Engineering Project Part B (9 units) <input type="checkbox"/>		**Software Engineering Elective (see elective table)
Core Courses			

## Elective Table

### CHOOSE FROM THE FOLLOWING SOFTWARE ENGINEERING ELECTIVES

S1	COMP SCI 7023 Software Process Improvement <input type="checkbox"/>	COMP SCI 7405 Research Methods in Software Engineering and Computer Science <input type="checkbox"/>	COMP SCI 7413 Quantum Computing <input type="checkbox"/>	COMP SCI 7407 Advanced Algorithms <input type="checkbox"/>
	COMP SCI 7408 Modelling & Analysis of Complex Systems <input type="checkbox"/>	COMP SCI 7409 Search Based Software Engineering <input type="checkbox"/>		
S2	COMP SCI 7000 Software Architecture <input type="checkbox"/>	**COMP SCI 7092 Mobile & Wireless Systems <input type="checkbox"/>	COMP SCI 7093 Evolutionary Computation <b>Not Offered in 2020</b> <input type="checkbox"/>	**COMP SCI 7094 Distributed Databases & Data Mining <input type="checkbox"/>
	COMP SCI 7411 Event Driven Computing <input type="checkbox"/>	COMP SCI 7412 Secure Software Engineering <input type="checkbox"/>		

#### NOTES

^Unless exempted by the Faculty, all international students are required to undertake a specialist course ELEC ENG 7057 Engineering Communication & Critical Thinking. This course must be completed in the first semester of study and will be presented in lieu of a Foundation elective

\*Students must achieve a grade of Credit or higher in COMP SCI 7096A Master of Software Engineering Project Pt A in order to progress to COMP SCI 7096B Master of Software Engineering Project Pt B. Students who do not meet this requirement and receive a Pass for COMP SCI 7096A Master of Software Engineering Project Pt A may choose to present additional electives as directed by the School

#### Information and Enrolment Advice:

Ask ECMS

Email: [askecms@adelaide.edu.au](mailto:askecms@adelaide.edu.au)

Website: <https://ecms.adelaide.edu.au/study-with-us/student-support>

**Program Rules:** For academic program rules please refer to the following website:

<https://calendar.adelaide.edu.au/faculty/ecms>

**\*\*Electives:** All students are required to complete **at least one elective** from each stream.

#### Data and Information Management Stream

COMP SCI 7094 Distributed Databases & Data Mining

COMP SCI 7401 Introduction to Statistical Machine Learning **Not offered in 2020**

#### Computer Security Stream

COMP SCI 7044 Computer System Security **Not offered in 2020**

COMP SCI 7092 Mobile & Wireless Systems

#### Networks Stream

COMP SCI 7045 Distributed High Performance Computing **Not offered in 2020**

COMP SCI 7092 Mobile & Wireless Systems