

# Graduate Certificate of Data Science

## Trimester 1 Start

### Part-Time Program

Course		Units	Status
<b>Year 1</b>			
Tri 1	COMP SCI 7210 Foundations of Computer Science A	3	
Tri 1	MATHS 7027 Mathematical Foundations of Data Science	3	
Tri 2	*ENG 7057 Communication & Critical Thinking	3	
Tri 2	MATHS 7107 Data Taming	3	

### Accelerated Program

Course		Units	Status
<b>Year 1</b>			
Tri 1	COMP SCI 7210 Foundations of Computer Science A	3	
Tri 1	MATHS 7027 Mathematical Foundations of Data Science	3	
Tri 1	*ENG 7057 Communication & Critical Thinking	3	
Tri 1	MATHS 7107 Data Taming	3	

<b>CM</b> = Completed	<b>CR</b> = Credit Awarded	<b>EN</b> = Currently Enrolled	<b>ENROL</b> = Add to Enrolments
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\* ENG 7057 Communication & Critical Thinking is a required course for all international students, unless exempted by the Faculty. Domestic students may present any elective listed in the Elective – Set 1 table in lieu of this course.

**Note:** 9 units is considered the standard full time study load for trimester-based programs. If you have any concerns regarding additional workload under the accelerated program, please contact [askecms@adelaide.edu.au](mailto:askecms@adelaide.edu.au) to discuss which option might suit you best.

### Course Availability

Core Course Availability	Tri 1	Tri 2	Tri 3	Sem 1*	Sem 2*
COMP SCI 7210 Foundations of Computer Science A	✓	✓	✓		
MATHS 7027 Mathematical Foundations of Data Science	✓	✓	✓		
MATHS 7107 Data Taming	✓	✓	✓		
Elective - Set 1 Courses	Tri 1	Tri 2	Tri 3	Sem 1*	Sem 2*
APP MTH 7124 Decision Science PG			✓		✓
COMP SCI 7211 Foundations of Computer Science B	✓	✓	✓		
COMP SCI 7212 Human and Ethical Factors in Computer Science	✓				
COMP SCI 7314 Introduction to Statistical Machine Learning		✓			✓
COMP SCI 7318 Deep Learning Fundamentals			✓		
COMP SCI 7416 Applied Machine Learning					✓
MATHS 7103 Probability & Statistics		✓		✓	
MATHS 7105 Data Literacy	✓				

\*Please note that while your program is based around trimesters there are some semester based electives available as part of your program. Please contact [askecms@adelaide.edu.au](mailto:askecms@adelaide.edu.au) for further information on managing a trimester/semester hybrid enrolment.

#### Links and Further Information

- [Course Planner](#) Information about University courses, including availability, class times, restrictions and prerequisites.
- [University Calendar](#) All academic program rules.
- **Contact Ask ECMS:** [askecms@adelaide.edu.au](mailto:askecms@adelaide.edu.au) • +61 8 8313 4148 • [www.ecms.adelaide.edu.au](http://www.ecms.adelaide.edu.au)