

Year 1				
S1	MATHS 1011 Mathematics IA <input type="checkbox"/>	ELEC ENG 1101 Electronic Systems <input type="checkbox"/>	CEME 1004 Engineering Mechanics – Statics <input type="checkbox"/>	ENG 1001 Introduction to Engineering <input type="checkbox"/>
S2	MATHS 1012 Mathematics IB <input type="checkbox"/>	**ENG 1003 Programming (Matlab and Excel) <input type="checkbox"/> <b>OR</b> **ENG 1002 Programming (Matlab & C) <input type="checkbox"/>	*Stream Elective <input type="checkbox"/>	*Stream Elective <input type="checkbox"/>

Core Course    Elective Course

### NOTES

\*\*Students following the Chemical, Civil, Environmental, Architectural & Structural and Mining study plans must enrol in ENG 1003 Programming (Matlab & Excel).  
Students following the Software, Electrical & Electronic, Mechanical and Software study plans must enrol in ENG 1002 Programming (Matlab & C)

\*Select your stream electives according to the program you intend to transfer to. See stream electives listed below for each program of study.

### Further Information and Enrolment Advice

Faculty of Engineering, Computer and Mathematical Sciences  
Email: [askecms@adelaide.edu.au](mailto:askecms@adelaide.edu.au)  
[www.ecms.adelaide.edu.au](http://www.ecms.adelaide.edu.au)

## Chemical

Stream Electives				
S2			CHEM 1200 Chemistry IB <input type="checkbox"/>	CEME 1002 Introduction to Infrastructure <input type="checkbox"/> <b>OR</b> MECH ENG 1007 Engineering Mechanics - Dynamics <input type="checkbox"/>

## Architectural and Structural

Stream Electives				
S2			DESST 1504 Representation I <input type="checkbox"/>	DESST 1507 Construction I <input type="checkbox"/>

## Civil

Stream Electives				
S2			CEME 1002 Introduction to Infrastructure <input type="checkbox"/>	CEME 1003 Resources and Energy in a Circular Economy <input type="checkbox"/> <b>OR</b> MECH ENG 1007 Engineering Mechanics - Dynamics

## Environmental and Climate Solutions

Stream Electives				
S2			CEME 1002 Introduction to Infrastructure <input type="checkbox"/>	CEME 1003 Resources and Energy in a Circular Economy <input type="checkbox"/> <b>OR</b> ENV BIOL 1002 Ecological Issues I

## Mining

Stream Electives				
S2			MINING 1011 Introduction to Mining Engineering IA <input type="checkbox"/>	General Elective <input type="checkbox"/>

## Electrical and Electronic

Stream Electives				
S2			PHYSICS 1510 Physics IE: Mechanics & Thermodynamics <input type="checkbox"/>	ELEC ENG 1102 Digital Electronics <input type="checkbox"/>

## Mechanical

Stream Electives						
S2			MECH ENG 1007 Engineering Mechanic - Dynamics	<input type="checkbox"/>	CHEM ENG 1009 Materials I	<input type="checkbox"/>

## Petroleum

Stream Electives						
S2			MECH ENG 1007 Engineering Mechanic - Dynamics	<input type="checkbox"/>	PETROENG 1006 Introduction to Petroleum Engineering	<input type="checkbox"/>

## Software

Stream Electives						
S2			COMP SCI 1106 Introduction to Software Engineering	<input type="checkbox"/>	ELEC ENG 1102 Digital Electronics	<input type="checkbox"/>