

## Graduate Diploma in Engineering (Materials)

Year 1					
S1	CHEM ENG 7055 Materials Science and Engineering <input type="checkbox"/>	CHEM ENG 7110 Fundamentals of Materials <input type="checkbox"/>	Engineering Elective <input type="checkbox"/>	Engineering Elective <input type="checkbox"/>	
S2	CHEM ENG 7101 Advanced Characterisation for Materials Engineering <input type="checkbox"/>	CHEM ENG 7102 Computation for Materials Engineering <input type="checkbox"/>	Engineering Elective <input type="checkbox"/>	Engineering Elective <input type="checkbox"/>	

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.

For a complete list of courses that constitute the program, including majors, please refer to the academic program rules website: <https://calendar.adelaide.edu.au/faculty/ecms>

### 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)

## Engineering Electives Table

CHOOSE FROM THE FOLLOWING ELECTIVES					
S1	CHEM ENG 7104 Advanced Optical Engineering of Materials <input type="checkbox"/>	PROJMGNT 5021 Project Management Fundamentals <input type="checkbox"/>	ELEC ENG 7057 Engineering Communication & Critical Thinking <input type="checkbox"/>		
S2	ELEC ENG 7057 Engineering Communication & Critical Thinking <input type="checkbox"/>	MATHS 7025 Research Methods and Statistics <input type="checkbox"/>	PROJMGNT 5021 Project Management Fundamentals <input type="checkbox"/>	CHEM ENG 7038 Process Plant Safety and Risk Assessment <input type="checkbox"/>	
	CHEM ENG 7103 Engineering of 2D Materials * <input type="checkbox"/>	CHEM ENG 7105 Materials Engineering for Catalysis * <input type="checkbox"/>	CHEM ENG 7106 Materials Engineering for Energy * <input type="checkbox"/>	CHEM ENG 7109 Advanced Engineering of Biomaterials * <input type="checkbox"/>	
	CHEM ENG 7111 Safety and Risk in Materials Engineering * <input type="checkbox"/>				

\* Available from Semester 2, 2020.