

## Bachelor of Advanced Science (Earth Science) – 2020 Beginning of Year Entry

Teaching Period 1, 2020		Teaching Period 2, 2020	
<a href="#">Study Period 1</a>	<a href="#">SC1101</a> :03 Science, Technology and Truth	<a href="#">Study Period 2</a>	<a href="#">SC1109</a> :03 Modelling Natural Systems-Advanced PREREQ: MA1000 or MA1009, allow concurrent enrolment for MA1009
<a href="#">Study Period 1</a>	<a href="#">MA1000</a> :03 Mathematical Foundations PREREQ: MA1020 or Mathematics B or Mathematics C	<a href="#">Study Period 2</a>	<a href="#">MA1003</a> :03 Mathematical Techniques PREREQ: MA1000 or MA1011 or MA1009
<a href="#">Study Period 1</a>	<b>First Major Subject</b> <a href="#">EV1005</a> :03 Environmental Processes and Global Change	<a href="#">Study Period 2</a>	<b>First Major Subject</b> <a href="#">EA1110</a> :03 Evolution of the Earth
<a href="#">Study Period 1</a>	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)	<a href="#">Study Period 2</a>	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)
Teaching Period 1, 2021		Teaching Period 2, 2021	
<a href="#">Study Period 1</a>	<a href="#">SC2209</a> :03 Quantitative Methods in Science-Advanced PREREQ: SC1109 and MA1003 plus 6cp of other Level 1 subjects	<a href="#">Study Period 2</a>	<b>First Major Subject</b> <a href="#">EA3110</a> :03 Sedimentology and Stratigraphy PREREQ: EA1110
<a href="#">Study Period 1</a>	<b>First Major Subject</b> <a href="#">EA2006</a> :03 Hydrology PREREQ: At least 12cp at Level 1	<a href="#">Study Period 2</a>	Select 3credit points of subjects from <a href="#">List 1 (Skill subjects)</a>
<a href="#">Study Period 1</a>	<b>First Major Subject</b> <a href="#">EA2220</a> :03 Minerals and Magmas PREREQ: EA1110 plus at least 9cp of Level 1 AN, AR, BZ, EV, MA, MB, PH, SC (BU1004 or BU1104) subjects <b>OR</b> <a href="#">EA2404</a> :03 From Icehouse to Greenhouse PREREQ: At least 12 credit points of level 1 subjects	<a href="#">Study Period 2</a>	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)
<a href="#">Study Period 1</a>	<b>First Major Subject</b> <a href="#">EV2401</a> :03 Australian Landscape Processes and Evolution PREREQ: At least 12cp of Level 1 subjects	<a href="#">Study Period 2</a>	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)

Teaching Period 1, 2022		Teaching Period 2, 2022	
<a href="#">Study Period 1</a>	<b>First Major Subject</b> <a href="#">EA3210</a> :03 Structural Geology and Tectonics PREREQ: EA1110	<a href="#">Study Period 2</a>	<b>First Major Subject</b> <a href="#">EA3207</a> :03 Soil Properties and Processes for Science
<a href="#">Study Period 1/2</a>	<a href="#">SC3003</a> :03 Science Research Internship PREREQ: 15cp of AQ, BC, BZ, CH, EV, EA, MA, MB or PH science level 2 subjects <b>OR</b> <a href="#">SC3008</a> :03 Professional Placement PREREQ: Students must have successfully completed 12 second year credit points and be enrolled in their final year of study within the College of Science and Engineering	<a href="#">Study Period 2</a>	Select 3 credit points of subjects from <a href="#">List 2 (Advanced Skill Subjects)</a>
<a href="#">Study Period 1</a>	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)	<a href="#">Study Period 2</a>	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)
<a href="#">Study Period 1</a>	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)	<a href="#">Study Period 2</a>	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)

#### PROFESSIONAL ACCREDITATION STATUS

The Physics major for the Bachelor of Advanced Science will be seeking accreditation by the Australian Institute of Physics (AIP) in 2019. Once accredited, graduates will be automatically eligible for membership of the Australian Institute of Physics.

The Chemistry major for this course is accredited by the Royal Australian Chemical Institute (RACI). Graduates will be eligible for non-corporate membership of RACI and, with an additional three years' experience in chemistry, may be eligible to register as a Chartered Chemist with Corporate Membership of RACI.

#### ADDITIONAL COURSE RULES

- A maximum of 30 credit points may be taken at level 1.
- A minimum of 18 credit points of science subjects must be taken at level 3 or higher.
- Students may seek permission to enrol in more than one level 5 subject.

#### COURSE PROGRESSION REQUISITES

Should successfully complete 18 credit points of level 2 science subjects before attempting any level 5 science subject.

#### ADDITIONAL INFORMATION

- [Bachelor of Advanced Science course handbook](#)
- [Earth Science major handbook](#)