

## Bachelor of Advanced Science (Physics) – 2019 Mid Year Entry

### First Year

Teaching Period 1, 2019		Teaching Period 2, 2019	
		<a href="#">Study Period 2</a>	<b>First Major Subject</b> <a href="#">PH1007</a> :03 Advanced Stream Physics 2 PREREQ: ((Maths B or equivalent or MA1020) and PH1005) or (Senior Physics and Maths C)
		<a href="#">Study Period 2</a>	<a href="#">MA1000</a> :03 Mathematical Foundations PREREQ: MA1020 or Maths B or C
		<a href="#">Study Period 2</a>	Select a subject from either a second major, a minor, or elective group
		<a href="#">Study Period 2</a>	Select a subject from either a second major, a minor, or elective group
Teaching Period 1, 2020		Teaching Period 2, 2020	
<a href="#">Study Period 3</a>	<a href="#">MA1003</a> :03 Mathematical Techniques PREREQ: MA1000 or MA1011	<a href="#">Study Period 2</a>	<a href="#">SC1109</a> :03 Modelling Natural Systems-Advanced PREREQ: MA1000
<a href="#">Study Period 1</a>	<a href="#">SC1101</a> :03 Science: Nature, Knowledge and Understanding	<a href="#">Study Period 2</a>	<b>First Minor Subject</b> <a href="#">MA2210</a> :03 Linear Algebra
<a href="#">Study Period 1</a>	<b>First Major Subject</b> <a href="#">PH1005</a> :03 Advanced Stream Physics 1 PREREQ: Maths B or MA1020 or MA1000	<a href="#">Study Period 2</a>	Select 3 credit points of subjects from <b>List 1 (Skill Subjects)</b>
<a href="#">Study Period 1</a>	<b>First Minor Subject</b> <a href="#">MA2000</a> :03 Mathematics for Scientists and Engineers	<a href="#">Study Period 2</a>	Select a subject from either a second major, a minor, or elective group

### ADDITIONAL REQUIREMENTS (e.g. post admission)

The Advanced Mathematics minor is compulsory for students studying the Physics major.

JCU students who have completed the first year of the BSc (including receiving a pass result in SC1109: Modelling Natural Systems-Advanced) and who have a GPA greater than 5.5 (excluding MA1020, CH1020 and PH1001) may apply to transfer to the Bachelor of Advanced Science.

Students who do not have Chemistry to Year 12 and wish to undertake the Chemistry major or the Molecular and Cell Biology major will be required to undertake the preparatory subject, [CH1020](#): Preparatory Chemistry in the first year of student.

The information provided is designed to provide helpful information on your study plan. Changes to subject information after this time may affect your study plan. Please refer to the [enrolment resources](#) for up to date information.

Students should undertake this subject in block mode where available and be aware that restrictions may apply to electives if they wish to complete in the normal three (3) year timeframe. These preparatory subjects typically start earlier than the standard course commencement date. Contact JCU on 1800 246 446 for more information.

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

[Bachelor of Advanced Science course handbook](#)  
[Physics Major handbook](#)