

Academy of Science: Year 9 to 12

Course Overview

Year level	Academy of Science Course Overview	Selection Process 2016 cohort
9	<p>Students will cover the same basic ACARA course as the rest of the cohort, however, they will also:</p> <ul style="list-style-type: none"> • Accelerate some units to cover extension material • Accelerate work from term 3 and 4 to provide time for an extended experimental project in term 4 • Be exposed to visiting scientists • Have the opportunity to engage in extra-curricular science events, such as <ul style="list-style-type: none"> ○ 'Buddy' students from Junten High School in Japan during their science exchange here. ○ Participate in science competitions such as ICAS exams, Science & Engineering Challenges, etc 	<p>Students are invited into the program based on:</p> <ul style="list-style-type: none"> • Achievement, behaviour and effort grades in year 8 science • Teacher recommendation • Demonstrated aptitude and enthusiasm for scientific study
10	<p>The Academy of Science class takes an explicitly biological focus from year 10-12*.</p> <ul style="list-style-type: none"> • Complete a biology preparation course ('Life Sciences') in semester 1. • Commence year 11 semester 1 Biology studies in semester 2 of year 10 	<p>Students are invited into the program based on:</p> <ul style="list-style-type: none"> • Achievement, behaviour and effort grades in science • Teacher recommendation • Demonstrated aptitude and enthusiasm for scientific study
11	<p>Across the course of the year, students will:</p> <ul style="list-style-type: none"> • Complete the Griffith University first-year subject "Biological Systems", taught by the Academy of Science teacher, giving them <ul style="list-style-type: none"> ○ Guaranteed entry into a number of Griffith University courses ○ Credit for the subject in relevant Griffith University courses (and some other universities, on a case by case basis) ○ Fee-free completion of the course • Study the remaining components of the year 11 Biology course 	<p>Classes are now locked. No new students can join the Academy class as they are 6 months ahead of the rest of the cohort. Students can change out of the Academy class into the standard Biology classes.</p>
12	<p>Students return to the same program as the rest of the Biology cohort for their OP year.</p>	<p>NA</p>

*In 2016, we will trial a link with Griffith University allowing students to study a first-year Chemistry course through the school, however, this will be an opt-in program offered to students enrolled in Chemistry, not an accelerated class.