

## Frequently Asked Questions

### Science



**Rangitoto  
College**

#### **1. What is the difference between Chemistry 2 and Chemistry 3 and Chemistry Scholarship in Level 3. (or similarly the difference between, Biology and Physics courses for Year 13)**

Chemistry 2 has 2 external standards, and 3 internals and is recommended for students who may be struggling with the extra content at Level 3. Chemistry 3 has 3 external standards and 2 internal standards, this is the most common student choice. Chemistry scholarship is aimed at students who want to sit a scholarship and is taught at a faster pace.

#### **2. My son/daughter wants to study Engineering @ Auckland University, what Physics course should they study.**

Auckland University will only look at external standards, so students should take Physics 3, or Physics scholarship.

#### **3. My son/daughter wants to study Engineering, Veterinary Science or Medicine do they have to be in an extension / scholarship courses?**

No, Engineering at Auckland University requires Physics 3 or Scholarship Physics. Otherwise each of our specialist level 3 science courses are university approved and provide the credit requirements for university. Students wishing to study Medicine are recommended to study Chemistry 3 or Scholarship Chemistry (but this is not a requirement).

#### **4. How do I get into Science Extension in Year 11.**

This is based on a combination of exam and test results in Year 10 and teacher recommendation. Places are limited to approximately 150 students. Typically students have to be at a High merit or better level. It is important to remember that it is a double option and if you choose this, you have less choice from other subject choices.

## **5. If my son/daughter does not take/get into Year 11 Science Extension does that mean they cannot get into extension classes later on?**

No, students can get into the specialist science extension courses at Yr 12 and 13 if their total grade score for 11 Science or the Yr 12 specialist subject is above the cut off, which usually requires a minimum of excellence in all assessments.

## **6 . What is the difference between Year 11 Science and Science Extension.**

All students will do 11 Science. However if they do Science extension, there is an extra Science option which will cover additional content. This means students will have two Science classes in Year 11

They both give access to the same courses in Year 12. This suits students who know they will be doing multiple Sciences in Level 2 (Year 12) as they do more Science. Extension classes may also include 2 or 3 standards from level 2.

## **7. How do students gain entry into Level 2 Biology, Chemistry and Physics.**

Students must pass 2 of the 3 subjects in Year 11. This means if a student wants to do Physics then they must pass physics (an A3 grade) and one of the other topics, Chemistry or Biology. (so that they have passed the course as a whole)