

3.

## School Opportunities

- Year 11 Mandatory Field Study and Depth Study
- HSC preparation excursion and lecturer from Universities.



4.

## Career Opportunities

Biology prepares students for a career in Medicine, Health, Science, Forestry, Ecology, Nursing, Food Technology, Family Studies and Teaching.



## Biology

YEAR 11 & YEAR 12 COURSES



**COFFS HARBOUR**  
SENIOR COLLEGE

1.

## Why study Biology?

Biology develops students' understanding of Science as a continually developing body of knowledge, the role of experimentation in deciding between competing theories, the nature of scientific explanations, the interdisciplinary nature of Science, the complex relationships between evidence and ideas and the impact of Science on society.



2.

## Course Description (structure/delivery)

### YEAR 11 COURSE:

Students will undertake four modules:

**Module 1:** Cells as the Basis of Life

**Module 2:** Organisation of Living Things

**Module 3:** Biological Diversity

**Module 4:** Ecosystem Dynamics

### YEAR 12 COURSE:

Students will undertake four modules:

**Module 5:** Heredity

**Module 6:** Genetic Change

**Module 7:** Infectious Disease

**Module 8:** Non-Infectious Disease

The Biology Syllabus essentially explores Life Past, Present and in the Future. It has a focus on hands on learning through experimentation which is accentuated by the mandatory Field Study and Depth Study components of the Course.

In Year 11 you will experience an ecosystem study in the local area and in Year 12 we will provide HSC preparation experiences including an excursion and lecturer from a variety of providers/ Universities.

