



The University of Fiji

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Programme Name: Bachelor of Science in Biology/Chemistry

Programme Description

This programme provides students with knowledge and training in the applied areas of Biology and Chemistry. It develops students' understanding of the theories of contemporary chemical and biological sciences, practices and experimentation in scientific principles, quality assurance in analyses, and hands-on experiences in research. Graduates will have gained the knowledge and confidence to hold employment in the many professions associated with biological science and chemical science.

This Bachelor of Science in Biology/Chemistry programme consists of 24-course units amounting to 360 credit points. Students must complete all compulsory courses and elective courses

Admission Requirements:

Persons shall be eligible to be admitted to study for a Bachelor of Science in Biology/Chemistry if they have:

- a) Direct Entry - Year 13 (FSFE) or Equivalent
 - i. Passed the University Foundation Programme; or
 - ii. Passed Fiji Year 13 Examination with an aggregate of at least 200 marks in 4 subjects with a minimum of 50% in English and the individual must have taken Biology and Chemistry or related courses in Year 13 or equivalent; or
 - iii. Pass in Fiji School Leaving Certificate (FSLC) or its equivalent (at least 200 marks in 4 subjects with 50% in English), The individual must have taken Biology and Chemistry or related courses in Year 13 or equivalent and 2 years of relevant work experience, OR
 - iv. Passed an examination deemed by the University to be equivalent to the University Foundation Education Certificate

Duration of the programme:

The full-time duration is for 3 years with 4 courses per semester. Part-time basis students have a duration of 6 years with a minimum of 2 courses per semester.

Location: Samabula and Saweni Campus

Estimated Tuition Fees - Local (FJD): \$11,750.00

Estimated Tuition Fees –International (FJD): \$23,500.00

Programme Structure

Year 1 Semester 1

Course Title	Credit Points
BIO111 Animal Biology	15
CHE111 Principles of Inorganic and Physical Chemistry	15
LLC101 English for Academic Purposes	15
MTH 111 Calculus I and Linear Algebra / ITC100 Information Technology for the Workplace/ PHY111 Physics I	15

Year 1 Semester 2

Course Title	Credit Points
BIO112 Plant Biology	15
CHE112 Principles of Organic Chemistry	15
ESC103 Introduction to Scientific Research	15
ITK111 Spoken iTaukei Language for Beginners / HIC 111 Hindi Language for Beginners/ PHY 112 Physics 2	15

Year 2 Semester 1

Course Title	Credit Points
BIO211 Biodiversity and Conservation/ BIO215 Integrated Pest Management	15
BIO214 Microbiology	15
CHE211 Physical and Inorganic Chemistry	15
UUU200 Contemporary Fiji	15

Year 2 Semester 2

Course Title	Credit Points
BIO213 Ecology	15
ESC201 Climate Change and Society	15
CHE212 Organic and Analytical Chemistry	15
BIO212 Genetics	15

Year 3 Semester 1

Course Title	Credit Points
UUU300 Governance and Ethics	15
BIO312 Physiology	15
CHE311 Qualitative and Quantitative Techniques	15
CHE314 Biochemistry	15

Year 3 Semester 2

Course Title	Credit Points
BIO313 Marine Biology	15
CHE312 Aquatic Chemistry	15
CHE313 Environmental and Applied Chemistry	15
ESC300 Natural Resource Management/ BIO311 Research Topics in Plant Biology/ BIO315 Aquaculture and Mariculture	15

Disclaimer: The University of Fiji reserves the right to amend the above programme document.