



# The University of Fiji

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## **Programme Name: Bachelor of Environmental Science**

### **Programme Description**

This programme provides students with knowledge and training in the applied areas of Environmental Science, including natural resources management, environmental impact assessment, coastal conservation and management, climate change, and geographical information. It develops students' understanding of critical environmental issues and exploring concepts in sustainable development relevant to the Pacific Islands and Fiji. Scientific principles, quality assurance in analyses, and hands-on experiences in research are part of learning and teaching the programme. Graduates will have gained the knowledge and confidence to hold employment in the many professions associated with environmental science and sustainability. The Bachelor of Environmental Science programme comprises 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 Environmental Science if they have:

- 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 at least two Science 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 at least two Science 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 program is offered both on a part-time and full-time basis. 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. The program is offered at Saweni and Suva Campuses.

**Location:** Saweni Campus

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

**Estimated Tuition Fees –International (FJD): \$11,750.00**

## Programme Structure

### Year 1 Semester 1

Course Title	Credit Points
ESC100 Introduction to Environmental Science	15
LLC101 English for Academic Purposes	15
CHE111 Principles of Inorganic and Physical Chemistry	15
PHY111 Physics I	15

### Year 1 Semester 2

Course Title	Credit Points
ITC100 Information Technology for the Workplace	15
HIC111 Spoken Hindi for Beginners/ ITK 111 Spoken Fijian for Beginners	15
BIO112 Plant Biology	15
ESC103 Introduction to Scientific Research	15

### Year 2 Semester 1

Course Title	Credit Points
UUU200 Contemporary Fiji	15
CHE211 Physical and Inorganic Chemistry	15
GEO201 Geology and Mining / ESC203 Geographic Information Systems	15
PHY214 Physics of the Environment	15

### Year 2 Semester 2

Course Title	Credit Points
ESC202 Agroecology/ BIO215 Integrated Pest Management	15
ESC201 Climate Change and Society	15
ESC205 Coastal Conservation and Management	15
BIO213 Ecology	15

### Year 3 Semester 1

Course Title	Credit Points
ESC304 Public Health and Environment	15
PHY315 Environmental Soil Physics	15
ESC303 Environmental Impact Assessment	15
ESC300 Natural Resource Management	15

### Year 3 Semester 2

Course Title	Credit Points
UUU300 Governance and Ethics	15

CHE312 Aquatic Chemistry/ BIO315 Aquaculture and Mariculture	15
BIO313 Marine Biology	15
CHE313 Environmental and Applied Chemistry	15

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