



# The University of Fiji

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## Programme Name: Bachelor of Agricultural Engineering

### Programme Description

The Bachelor of Agricultural Engineering programme is a 3-year full time programme, where students are required to complete 24 courses with a total of 360 credit points. Students enrolled in the Bachelor of Agricultural Science programme would need to complete at least 5 weeks of industrial attachment (total of 15 credit points) within the agricultural sector.

### Admission Requirements:

To be admitted into the Bachelor of Agricultural Engineering programme under the Science Department of the University of Fiji, an individual must:

#### a) Direct Entry - Year 13 (FSFE) or Equivalent

- i. Achieve an aggregate of at least 200 marks out of 400 and a minimum of 50% in English in the Year 13 Examination or equivalent.
- ii. The individual must have taken at least two Science or related courses in Year 13 or equivalent.
- iii. Apart from these requirements, individuals should meet other admission criteria outlined under clause 2.0 of University academic regulations and procedures

#### b) Mature Entry

Mature Student Admission: Individuals may be admitted as mature students if –

- i. They are over 21 years old; and Senate or its delegate determines that they will likely complete the Bachelor of Agricultural Engineering programme successfully based on their academic background and work experience; and
- ii. They pass any course(s) or examination(s) that may be required by the Senate or its delegate on a case-by-case basis.
- iii. Has attained at least a Diploma/Trade Diploma in Environmental Science/Agriculture/Agroforestry/Fisheries/Forestry/Aquaculture/or similarHas attained at least a Diploma/Trade Diploma in Engineering (any emphasis) or similar.

### Duration of the programme:

- Part-time – 4 years
- Full-time – 3 years

### Location:

Saweni and Samabula 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
PHY111 Physics I	15
MTH113 Introduction to Statistics	15
LLC101 English for Academic Purposes	15
ITK111 Spoken iTaukei Language for Beginners/ HIC111 Hindi Language for Beginners	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
ITC100 Information Technology for Workplace	15

### Year 2 Semester 1

Course Title	Credit Points
BIO215 Integrated Pest Management	15
PHY214 Physics of the Environment	15
ESC203 Geographic Information System	15
AGE201 Agricultural Export Systems and Pathways	15

### Year 2 Semester 2

Course Title	Credit Points
ESC202 Agroecology	15
ESC201 Climate Change and Society	15
CHE212 Organic and Analytical Chemistry/ BIO212 Genetics	15
AGE202 Mechanisation in Agricultural Practices	15

### Year 3 Semester 1

Course Title	Credit Points
PHY315 Environmental Soil Physics	15
ESC303 Environmental Impact Assessment	15
*AGE300 Industrial Attachment	15
AGE301 Agricultural Technology	15

\* Students can carry out the industrial attachment during semester breaks

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