

Programme Name	Bachelor of Science in Environmental Management
Programme Description	<p>The new Bachelor of Science (Environmental Management) program has been designed to provide its graduates with knowledge and skills in environmental science and management as well as laboratory research, problem solving, data gathering, analysis and reporting, and inspiration to address the needs of the local community and to help with government regulation. The Department of Meteorological and Environment Science under Faculty of Science aims to provide high quality education and research in Environmental Science and related fields. The main task of the Department is to provide excellent teaching and develop high- quality research programs.</p> <p>In the last few decades, there has been a growing realization of the significance of environmental issues and challenges faced by the Pacific Island countries. Major environmental issues and challenges include impact of climate change; sea-level rise; water quality; and availability of fresh water in small islands countries; waste disposal; mining; deforestation and related land degradation; coral reef destruction; excessive usage of agrochemicals; and rapid urbanization. Small island countries, being fragile environments, one small error may contaminate an entire freshwater system or a large land area, which may destroy or render uninhabitable entire atoll island nations.</p> <p>Fiji's student population, the next generation of Fiji, continues to grow while Fiji hastily moves towards development. With the much needed developmental process, vast environmental changes are to be expected, hence the requirement of better trained environmental scientists, researchers and decision makers. Their task would be to provide scientific guidance, provide technical knowledge and assist in decision making in order to support the developmental process, while protecting the environment for the benefit of the community.</p>
Majors	Environmental Management Single major
Minimum Requirements	<p>The minimum entry requirement for this Programme 200/400 in form seven (YR 13) or foundation science Programme, with English and Maths any two of the following subjects: Biology, Chemistry, Physics or Agriculture, Introduction to Technology or Geography.</p> <p>Mature students with a minimum age of 23 years and relevant work experience may also be considered for candidature.</p>
Duration	Three Years
Programme Type	Bachelor's Degree
College Name	College of Engineering Science and Technology
Campus	Natabua, Lautoka/ Nabua Suva Face to Face (Subjected to availability of Academics)
Credit Points	360

Programme Structure			
Course Code	Course Title	Prerequisites	Credit Points
	Year 1 Semester 1		
ENS501 Sem	Introduction to Environmental Science (Compulsory)	MER	15
ENS503 Sem	Environmental Field Sampling (Elective)	MER	15
ETH501 Sem	Intermediate Ethics & Governance (Generic)	MER	15
CIN502 Sem	Information Systems in Organizations (Generic)	MER	15
	Year 1 Semester 2		
ENS502 Sem	Introduction to Natural Resource Management	MER	15
LNG501 Sem	English for Academic Studies(Generic)	MER	15
BIO511 Sem	Introductory Biology (Elective)		15
BIO507 Sem	Environmental Biology (Elective)		15
	Year 2 Semester 1		
ENS601 Sem	Environmental Biology (Elective)	MER	15
ENS604 Sem	Environmental Research Methodologies (Compulsory)	MER	15
ENS602 Sem	Environmental Issues & Management (Compulsory)	MER	15
MTH602 Sem	Statistical Mathematics (Elective)		15
	Year 2 Semester 2		
CHM607 Sem	Marine Chemistry (Elective)	MER	15
ENS603 Sem	Environmental Law (Compulsory)	MER	15
ENS610 Sem	Biodiversity Conservation and Sustainable Development	MER	15
CHM604 Sem	Environmental Chemistry (Elective)	MER	15
	Year 3 Semester 1		
ENS701 Sem	Climate Change & the South Pacific (Compulsory)	ENS502	15
ENS706 Sem	Environmental Impact Assessment (Elective)	ENS603 Sem	15
ENS708 Sem	Geographic Information Systems (Compulsory)	MER	15
ENS703 Sem	Fiji & SP Freshwater Ecology (Elective)	MER	15
ENS712 Sem	Oceanography (Elective)	MER	15
	(Choose any 2 electives from the above)		
	Year 3 Semester 2		
ENS704 Sem	Fiji and South Pacific Terrestrial Ecology (Elective)	MER	15
ENS709	Field Project (Compulsory)	Successfully completed 500 and 600 level	15
ENS705 Sem	Fiji and South Pacific Coastal Management	ENS502 &	15
PHY703 Sem	Renewable and sustainable energy (Elective)		15
ENS707 Sem	Mining and Its Environment (Elective)	MER	15
	(Choose any 2 electives from the above)		
	Note: Student have to take any 2 Elective courses ENS503, MTH514, CHM502, BIO511 and BIO507,CHM505.		

Total Credit Points		360
----------------------------	--	------------