

Programme Name	Bachelor of Education (Secondary) (Mathematics & Physics)
Programme Description	To provide an excellent theoretical orientation, depth in content in the teaching subjects, exposure to a range of the most relevant and effective teaching methodologies and extensive supervised professional teaching practice that are considered the essential academic and practical skills requirements for teaching in secondary schools. This programme allows the students to major in two teaching subject areas by completing seven (7) courses in each subject. In addition, there will be nine (9) education courses as well as one other service course. The total number of courses in this programme is 24.
Majors	Secondary Education (Mathematics & Physics)
Minimum Requirements	A pass in the Fiji Year 13 Examination with a total of 250 or more marks in four subjects including a minimum of 50% pass in English, Mathematics and Physics or equivalent as per the University Academic & Student Regulations (UASR).
Duration	3 Years on Full time
Programme Type	Bachelor Degree
College Name	College of Humanities and Education
Campus	Lautoka Campus (Year 1- 3)
Credit Points	360

Programme Structure		
Course Code	Course Title	Credit Points
Year 1 Semester 1		
EDU558	Fundamentals of Human Development & Educational Psychology	15
LNG501Sem	English for Academic Studies	15
MTH515Sem	Single Variable Calculus	15
PHY504Sem	Mechanics and Fluids	15
Year 1 Semester 2		
EDU560	Curriculum Studies and Practices in Secondary Education	15
EDU561	Enterprise, Innovation and Enrichment in Education	15
MTH511 Sem	Discreet Mathematics	15
PHY505 Sem	Electricity and Magnetism	15
Year 2 Semester 1		
EDU650	Educational Leadership, Ethics and Counseling in Secondary Education	15
EDU651	Assessment & Evaluation for Secondary	15

EDU652	Applied Teaching Method 1	15
EDU653	Practicum 1	15
Year 2 Semester 2		
MTH611Sem	Real Analysis	15
PHY607Sem	Thermodynamics and Statistical Mechanics	15
MTH613Sem	Linear Algebra	15
PHY608Sem	Modern Physics	15
Year 3 Semester 1		
MTH711Sem	Numerical Analysis	15
PHY703Sem	Renewable and Sustainable Energy	15
MTH710Sem	Complex Analysis	15
PHY704 Sem	Quantum Mechanics and Atomic Physics	15
Year 3 Semester 2		
MTH712Sem	Linear Programming	15
PHY707Sem	Nuclear and Particle Physics	15
EDU739	Action Research For Quality Education	15
EDU740	Applied Teaching Method & Practicum 2	15
Total Credit Points		360

Course Prerequisite		
Course Code	Course Title	Prerequisite
EDU558	Fundamentals of Human Development & Educational Psychology	The student must obtain the minimum entry requirement to B.Ed Secondary programme
LNG501Sem	English for Academic Studies	A pass in Form 7/Year 13 exam with a minimum total of 200 marks or equivalent. Recognition would be given to mature aged students who do not meet the 13 years of continuous progression but who have relevant work experience and prior learning.
EDU560	Curriculum Studies and Practices in Secondary Education	Students need to have successfully completed all 500 level courses offered in this program in Semester 1, Year 1.
EDU561	Enterprise, Innovation and Enrichment in Education	Students need to have successfully completed all 500 level courses offered in this program in Semester 1, Year 1.
EDU650	Educational Leadership, Ethics and Counseling in Secondary Education	Pass all 500 Level Education courses

EDU651	Assessment & Evaluation for Secondary	Students need to have successfully completed all 500 level courses offered in this program in Semester 1, Year 1.
EDU652	Applied Teaching Method 1	The student must have successfully completed all year 1 courses of the Bachelor of Education - Secondary
EDU653	Practicum 1	The student must have successfully completed all year 1 courses and EDU652 Applied Teaching Method 1 of the Bachelor of Education (Secondary)
EDU739	Action Research For Quality Education	The student must be accepted in one of the Bachelors Programme in the Fiji National University School of Education
EDU740	Applied Teaching Method & Practicum 2	Students need to successfully complete all the courses of the first year, second year and third year semester 1 of the Bachelor of Education – Secondary program
MTH511Sem	Discreet Mathematics	Pass Form 7 or Foundation Mathematics or equivalent
MTH515Sem	Single Variable Calculus	Form 7 or Foundation Mathematics or equivalent
MTH611Sem	Real Analysis	Pass in MTH515 or MTH516
MTH613Sem	Linear Algebra	MTH515 or MTH516 or Equivalent or Consent from HOD
MTH711Sem	Numerical Analysis	MTH611 or MTH613
MTH710Sem	Complex Analysis	The student must have passed MTH611
MTH712Sem	Linear Programming	Completion of any 600 level MTH course.
PHY504Sem	Mechanics and Fluids	The Student should pass FSFE with 200 marks for BSc degree
PHY505Sem	Electricity and Magnetism	The Student should pass FSFE with 200 marks for BSc degree
PHY607Sem	Thermodynamics and Statistical Mechanics	PHY608
PHY608Sem	Modern Physics	PHY504 and/or PHY505
PHY703Sem	Renewable and Sustainable Energy	The Student should pass FSFE with 200 marks for BSc degree
PHY704Sem	Quantum Mechanics and Atomic Physics	PHY608
PHY707Sem	Nuclear and Particle Physics	PHY704 and PHY608