

Programme Name	Bachelor of Education (Secondary) (Mathematics & Computer Science)
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 & Computer)
Minimum Requirements	A pass in the Fiji Seventh Form Examination or equivalent with a total of 250 or more marks, 50% in English, Mathematics, Computer Studies 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
CSC511Sem	Foundations of Programming	15
Year 1 Semester 2		
EDU560	Curriculum Studies and Practices in Secondary Education	15
EDU561	Enterprise, Innovation and Enrichment in Education	15
MTH511Sem	Discreet Mathematics	15
CSC512Sem	Object Oriented Programming	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
CSC621Sem	Data Structures and Algorithms	15
MTH613Sem	Linear Algebra	15
CSC622Sem	Artificial Intelligence	15
Year 3 Semester 1		
MTH711Sem	Numerical Analysis	15
CSC720Sem	Design and Analysis of Algorithms	15
MTH710Sem	Complex Analysis	15
CSC722Sem	Data Communications and Networking	15
Year 3 Semester 2		
MTH712Sem	Linear Programming	15
CSC726	Cybersecurity	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
MTH61Sem1	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.
EDU558	Fundamentals of Human Development & Educational Psychology	The student must obtain the minimum entry requirement to BEd Secondary programme
CSC511Sem	Foundations of Programming	The student must have passed Year 13 or Equivalent
CSC512Sem	Object Oriented Programming	The student must have passed CSC511 or equivalent.
CSC621Sem	Data Structures and Algorithms	Pass in CSC511 and CSC512
CSC622Sem	Artificial Intelligence	The Student must have passed CSC511
CSC720Sem	Design and Analysis of Algorithms	Student must have passed in CSC621
CSC722Sem	Data Communications and Networking	The student must have passed CSC626
CSC726	Cybersecurity	Student must have passed CSC626