Programme Name	Bachelor of Education (Secondary) (Mathematics & Physics)
Programme Description	The general aim of the programme is to provide professional knowledge for teaching and learning so that participants develop and expand lesson preparation skills, as well as teaching, training, research and general administrative competencies. This programme is designed to produce graduates who can successfully develop, implement and evaluate curriculum and become actively involved in new educational initiatives in their institutions
Majors	Secondary Education (Mathematics & Physics)
Minimum Requirements	A pass in the Fiji Seventh Form Examination with a total of 250 or more marks in four subjects including 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	Bachelors Degree
College Name	College of Humanities and Education
Campus	Lautoka (Year 1 – 3)
Credit Points	479

Programme Structure		
Unit Code	**Unit Title**	**Credit Points**
	Year 1 Trimester 1	
EDU500	Growth and Development of a Child and an Adolescent Learner	12
LNG501	English for Academic Studies	10
PHY504	Mechanics and Fluids	12
MTH515	Single Variable Calculus	12
	Year 1 Trimester 2	
EDU501	Fundamentals of Psychology of Learning and Teaching	12
EDU671	Ethics in Education	12
PHY505	Electricity and Magnetism	12
MTH514	Probability and Statistics	12
	Year 1 Trimester 3	
PHY607	Thermodynamics and Statistical Mechanics	15
MTH516	Solid Geometry and Multivariable Calculus	12
EDU576	Financial Education	12
HIN101	Beginners Hindi I	12
FIJ101	Beginners iTaukei I	
	Year 2 Trimester 1	
EDU609	Practicum 1	33
HIN102	Beginners Hindi II	12
FIJ102	Beginners iTaukei II	
	Year 2 Trimester 2	
EDU600	Curriculum Development and Practice	12
EDU701	Counseling Theory and Practice	12
PHY608	Modern Physics	15

	Choose 1 unit from the list below	
MTH610	Differential Equation	15
MTH612	Abstract Algebra	
	Year 2 Trimester 3	
EDU704	Assessment & Evaluation	12
EDU7XX	1 x level 7 Education unit (Fiji Studies)	12
PHY701	Control Systems	20
MTH613	Linear Algebra	15
	Year 3 Trimester 1	
PHY703	Renewable and Sustainable Energy	20
MTH710	Complex Analysis	20
	Choose 1 MTH unit from the list below	
MTH712	Linear Programming	20
MTH714	Number Theory	
MTH715	Integral Transform	
	Choose 1 PHY unit from the list below	
PHY706	Solid State and Semiconductor Physics	20
PHY707	Nuclear and Particle Physics	
PHY708	Principles of Conservation and Utilization	
	Year 3 Trimester 2	
EDU702	Practicum II	32
	Year 3 Trimester 3	
EDU601	Educational Research	12
EDU717	Integrating ICT Across the Curriculum	12
PHY704	Quantum Mechanics and Atomic Physics	20
MTH711	Numerical Analysis	20
	Total Credit Points	**479**

Unit Prerequisite		
Unit Code	**Unit Title**	**Prerequisite**
EDU500	Growth and Development of a Child and an Adolescent Learner	Minimum entry requirement
PHY504	Mechanics and Fluids	Pass in Form 7 or Equivalent
MTH515	Single Variable Calculus	Minimum entry requirement
LNG501	English for Academic Studies	Pass in Form 7 English or equivalent
EDU501	Fundamentals of Psychology of Learning and Teaching	Minimum entry requirement
EDU600	Curriculum Development and Practice	A pass in 2 level 5 EDU units
PHY505	Electricity and Magnetism	Pass in Form 7 or Equivalent
MTH514	Probability and Statistics	Minimum entry requirement

EDU609	Practicum 1	Students must satisfy ALL the following criteria's in order to enroll in EDU 609: Practicum 1 Criteria 1: Pass in all Trimester 1, Year 1 units. Criteria 2: Pass in all Year 1 Education units. Criteria 3: Pass in 75% of all Year 1 majors.
HIN101	Beginners Hindi I	None
FIJ101	Beginners iTaukei I	None
EDU701	Counseling Theory and Practice	A pass in Year 1 and Year 2 units
EDU671	Ethics in Education	A pass in 2 level 5 EDU units
PHY607	Thermodynamics and Statistical Mechanics	Any core PHY500 level
MTH516	Solid Geometry and Multivariable Calculus	Minimum entry requirement
EDU702	Practicum II	A Pass in EDU609
HIN102	Beginners Hindi II	HIN101
FIJ102	Beginners iTaukei II	FIJ101
EDU601	Educational Research	A pass in 2 level 5 EDU units
PHY608	Modern Physics	Any core PHY5000 level
EDU576	Financial Education	A pass in 2 level 5 EDU units
MTH610	Differential Equation	MTH515 or MTH516
MTH612	Abstract Algebra	MTH511 or equivalent
EDU717	Integrating ICT Across the Curriculum	A pass in all Year 1 and Year 2 EDU units
EDU704	Assessment & Evaluation	A pass in all Year 1 EDU units
PHY701	Control Systems	
MTH613	Linear Algebra	MTH515 and MTH516
PHY703	Renewable and Sustainable Energy	Any Core PHY500 level unit
MTH710	Complex Analysis	MTH611
MTH712	Linear Programming	MTH613
MTH714	Number Theory	MTH612
MTH715	Integral Transform	MTH610
PHY706	Solid State and Semiconductor Physics	PHY608 & PHY704
PHY707	Nuclear and Particle Physics	PHY608
PHY708	Principles of Conservation and Utilization	Any Core PHY500 level unit
PHY704	Quantum Mechanics and Atomic Physics	PHY608
MTH711	Numerical Analysis	MTH611 or MTH613