

BS in Mathematics Education

FRESHMAN 1 - CREDIT HOURS TOTAL 15

Complete	Term	COURSE	HRS	NAME
		MATH 1083	3	Introduction to Functions
		HLTH 1000	2	Health in Modern Society
		PSYC 1000	3	Introduction to Psychology
		PHIL 1500	3	Introduction to Logic (Fulfills Humanity Requirement)
		SCIENCE WITH LAB	4	GE:SC Course with Lab

FRESHMAN 2 - CREDIT HOURS TOTAL 16

Complete	Term	COURSE	HRS	NAME
		MATE 1267	3	Functional Relationships
		MATH 2171	4	Calculus I
		FINE ART	3	GE:FA Course
		ENGL 1100 (WI)	3	Foundations of College Writing
		SOCIAL SCIENCE	3	GE:SO Course, Select Global Diversity Course

SOPHOMORE 1 - CREDIT HOURS TOTAL 15

Complete	Term	COURSE	HRS	NAME
		BITE 2000	1	Introduction to Computer Literacy
		MATE 2123	1	Early Experiences for the Prospective Teacher
		MATE 2800	3	Discrete Mathematics: Explorations and Applications
		MATH 2172	4	Calculus II
		ENGL 2201 (WI)	3	Writing in the Disciplines (Education or Multidisciplines)
		SCIENCE without lab	3	GE:SC Course

SOPHOMORE 2 - CREDIT HOURS TOTAL 16

Complete	Term	COURSE	HRS	NAME
		MATE 2700	3	Applications in Statistics and Probability
		MATH 2300	3	Transitions to Advanced Mathematics
		MATH 2173	4	Calculus III
		FINE ART or HUMANITY	3	GE:FA or GE:HU Course
		PSYC 2777 or SOCI 1010 (DD)	3	Ethnocultural Psychology/Race, Gender, and Class

JUNIOR 1 - CREDIT HOURS TOTAL 15

Complete	Term	COURSE	HRS	NAME
		KINE 1000	1	Lifetime Physical Activity/Fitness
		MATE 3300	3	Foundations of Geometry
		MATH 3256	3	Linear Algebra
		MATH 3307	3	Mathematical Statistics
		READ 3990	2	Reading in the Content Area, Secondary School
		GENERAL EDUCATION ELECTIVE	3	Any GE Course

JUNIOR 2 - CREDIT HOURS TOTAL 16

(MUST BE ADMITTED TO UPPER DIVISION BY END OF JR 2)

Complete	Term	COURSE	HRS	NAME
		ELECTIVE	2	
		MATE 3523	3	Teaching Topics in High School Mathematics
		MATE 3367	3	Mathematical Modeling
		MATH 3263	3	Modern Algebra
		MATH elective	3	MATH elective above 2999
		SPED 4010	2	Effective Instruction in Inclusive Classrooms

INTERNSHIP 1 - CREDIT HOURS TOTAL 15

Complete	Term	COURSE	HRS	NAME
		ELECTIVE	3	
		MATH 4322	3	Foundations of Mathematics
		EDUC 4400 (UD)	3	School Learning, Motivation, and Assessment
		MATE 4001 (UD)	3	Technology in Mathematics Education
		MATE 4323 (UD)	3	Teaching High School Mathematics

INTERNSHIP 2 - CREDIT HOURS TOTAL 13

Complete	Term	COURSE	HRS	NAME
		MATE 4324	10	Internship in HS Math
		MATE 4325	3	Seminar: Issues in High School Mathematics

For planning purposes only. The responsibility for meeting all requirements in the ECU catalog rests with the student.

* = Grade of C or higher required for course

UD = Upper Division course