BS in Math Education

FRESHMAN 1 - CREDIT HOURS TOTAL 15

TERM	COURSE	HRS	NAME	PRE-REQ	NOTES
	MATH 1083	3	Intro to Functions		
	HLTH 1000	2	Health in Modern Society		
	PSYC 1000	3	Intro to Psychology		
	ENGL 1100 (WI)	3	Found. of College Writing		
	NATURAL SCIENCE WITH LAB	4	See course catalog		

FRESHMAN 2 - CREDIT HOURS TOTAL 16

TERM	COURSE	HRS	NAME	PRE-REQ	NOTES
	MATH 2171	4	Calculus I	P: MATH 1083	
	MATE 1267	3	Functional Relationships	P: MATH 1065 or 1083	Spring only
	FINE ART	3	See course catalog		
	SOCIAL SCIENCE (GD)	3	See course catalog (GD)		
	HUMANITY - PHIL 1500 rec.	3	See course catalog		

SOPHOMORE 1 - CREDIT HOURS TOTAL 15

TERM	COURSE	HRS	NAME	PRE-REQ	NOTES
	KINE 1000	1	Lifetime Physical Fitness		
	MATE 2123	1	Early Experience	P: MATH 2171	Fall only
	MATE 2800	3	Discrete Mathematics	P: MATH 1065 or 1083	Fall only
	MATH 2172	4	Calculus II	P: MATH 2171	
	ENGL 2201 (WI)	3	Writing in the Disciplines	P: ENGL 1100	Education or Multidisciplines
	NAUTRAL SCIENCE W/OUT LAB	3	See course catalog		

SOPHOMORE 2 - CREDIT HOURS TOTAL 16

TERM	COURSE	HRS	NAME	PRE-REQ	NOTES
	MATE 2700	3	Stats and Probability	P: MATH 1065 or 1083	Spring only
	MATH 2173	4	Calculus III	P: MATH 2172	
	MATH 3256	3	Linear Algebra	P: MATH 2172	
	FINE ART or HUMANITY	3	See course catalog		
	PSYC 2777 or SOCI 1010 (DD)	3	Diversity	P: PSYC 1000 for 2777	

JUNIOR 1 - CREDIT HOURS TOTAL 15

TERM	COURSE	HRS	NAME	PRE-REQ	NOTES
	ELECTIVE	2			
	SPED 4010	2	Eff. Instruction in Inclusive		
	READ 3990	2	Reading in the Content Are		
	MATE 3300	3	Geometry for HS	P: MATH 1065 or 1083	Fall only
	MATH 3307	3	Mathematical Statistics	P: MATH 2171	
	MATH 2300 (WI)	3	Transitions to Adv. Math	P: MATH 2171	

JUNIOR 2 - CREDIT HOURS TOTAL 15   (NOTE: ATTEND INTERNSHIP 1 MEETING AND APPLY FOR PLACEMENT)

TERM	COURSE	HRS	NAME	PRE-REQ	NOTES
	ELECTIVE	3			
	MATE 3523	3	Teaching topics in HS Math	P: MATE 2123	Junior 2/Spring only
	MATE 3367	3	Mathematical Modeling	P: 1267/2700/2800/3300	Junior 2/Spring only
	MATH 3263 (WI)	3	Modern Algebra	P: MATH 2300/3256	
	MATH 3331	3	Differential Equations	P: MATH 2173	

INTERNSHIP 1 - CREDIT HOURS TOTAL 15

TERM	COURSE	HRS	NAME	PRE-REQ	NOTES
	ELECTIVE	3	See course catalog		
	EDUC 4400	3	School Learning, Motivatio		
	MATE 4001	3	Technology in MATE		Senior 1/Fall only
	MATE 4323	3	Teaching HS Math	P: MATH 3523	Senior 1/Fall only
	MATH 4101	3	Advanced Calculus I	P: MATH 2173	

INTERNSHIP 2 - CREDIT HOURS TOTAL 13

TERM	COURSE	HRS	NAME	PRE-REQ	NOTES
	MATE 4324	10	Internship in HS Math	P: MATE 4323	Senior 2/Spring only
	MATE 4325	3	Seminar: Issues in HS Math	P: MATE 4323	Senior 2/Spring only

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

* = Grade of C or higher required for course   UD = Upper Division course   WI = Writing Intensive