

### **Baccalaureate Degree Plan**

NCCCS Associate in Arts **or** Associate in Science transfer to

East Carolina University, **BS MATHEMATICS**, **SECONDARY EDUCATION** 

A minimum GPA of 2.7 is required for admission unto Upper Division of the degree.

For information about NC teacher licensure requirements see <u>Licensure</u>.

Credit toward the degree will not be given in any MATH course with a grade less than C- (1.7) and in any MATE course or professional course with grade less than C (2.0).

As a transfer student, it is important to contact an ECU Academic Advisor, <a href="mailto:coeadvising@ecu.edu">coeadvising@ecu.edu</a>, as soon as possible.

An example of how to plan your first 2 years of the traditional 4 years of study is included at the end of this document.

Optional/Recommended courses to take at a North Carolina Community College			
ENG 111 ENG 112	HEA 110	MAT 171 MAT 172	PSY 150
		MAT 271 MAT 272 MAT 273 MAT 280 MAT 285	SOC 225

To meet ECU degree requirements, a globally diverse general education course should ideally be taken while completing your AA/AS. Please choose one course from the following: ANT 210, ANT 220, ANT 240/240A; ART 111; DRA 111; ENG 261; GEO 111, GEO 113; HIS 111, HIS 112; MUS 110; POL 210; REL 110, REL 211, REL 212. These courses would apply to different areas of an AA or AS. Consult with your advisor if you have questions.

- Students do not have to complete all recommended courses at a NCCCS institution. Other courses to complete an AA or AS are student's choice; no other current department recommendations.
- Completion of an AA or AS, including HEA 110, qualify for a General Education waiver as long as all other General Education Program requirements have been met. For more information about General Education Core Requirements at ECU, and a list of specific course options, click here.

# **Degree Requirements**

General Education Core Requirements
40 semester hours credit required; Completion of an approved NCCCS AA/AS waives the GE requirement.

Competency	Semester Hour Credits Required	Notes
Written Communication	6	ENG 111 and ENG 112 should be taken at the community college to satisfy this competency.
Humanities & Fine Arts	9	At least one class should be labeled as Humanities (HU) and one should be labeled as Fine Arts (FA).
Social Sciences	9	NCCCS HIS courses are not considered a social science at ECU.
Natural Sciences	7	One course must include a lab.
Mathematics	3	Choose MAT 171.
Health Promotion and Health- Related Physical Activity	3	HEA 110 should be taken at the community college to satisfy this competency.

Specific General Education	As part of the required 40 hours, please include the following:	NCCCS Equivalents
Requirements	PSYC 1000 - Introductory Psychology	PSY 150
	PSYC 2777 - Ethnocultural Psychology <b>or</b> SOCI 1010 - Race, Gender, Class	SOC 225

Core	Complete 45 hours.	NCCCS Equivalents
	MATE 1267 - Functional Relationships MATE 2700 - Applications in Statistics and Probability	
	MATE 2800 - Discrete Mathematics: Explorations and	
	Applications  MATE 3300 - Foundations of Geometry	
	MATE 3367 - Mathematical Modeling	
	MATH 2171 - Calculus I	MAT 271
	MATH 2172 - Calculus II	MAT 272
	MATH 2173 - Calculus III	MAT 273
	MATH 2300 - Transition to Advanced Mathematics	
	MATH 3256 - Linear Algebra	MAT 280
	MATH 3263 - Introduction to Modern Algebra	
	MATH 3307 - Mathematical Statistics I	
	MATH 4322 - Foundations of Mathematics	
	MATH elective numbered above 2999, excluding MATH 3229,	
	3237, 3239.	

Professional Courses	Complete 24 hours.  EDUC 4400 - Foundations of School Learning, Motivation, and Assessment <b>or</b> PSYC 4305 - Educational Psychology	Courses to be completed at ECU.
	MATE 2123 - Early Experiences for High School Mathematics Teaching	

General Electives	Complete general electives needed for graduation requirements.	
Specialty Area	SPED 4010 - Effective Instruction in Inclusive Classrooms  Complete 6 hours.  MATE 3523 - Teaching Topics in High School Mathematics MATE 4323 - Teaching High School Mathematics	Courses to be completed at ECU.
	MATE 4001 - Technology in Secondary Mathematics Education MATE 4324 - Internship in High School Mathematics MATE 4325 - Seminar: Issues in High School Mathematics Internship READ 3990 - Teaching Reading in the Content Areas in the Secondary School	

# Potential 2 Year Map for BS Mathematics, Secondary Education

An example of courses to take at your community college.

# First Semester at NCCCS Institution

NCCCS Course	ECU Transfer Equivalent
ENG 111	ENGL 1100
PSY 150	PSYC 1000
MAT 171	MATH 1065
HEA 110	HLTH 1000/KINE 1000
ACA 122	COAD 1XXX (elective credit)

# **Second Semester at NCCCS Institution**

NCCCS Course	ECU Transfer Equivalent
ENG 112	ENGL 2201
Social Behavioral Science course	
Humanities/Fine Arts Course	
Natural Science course	
MAT 172	MATH 1083

#### Third Semester at a NCCCS Institution

NCCCS Course	ECU Transfer Equivalent
MAT 271	MATH 2171
Elective course	
Social Behavioral Science course	
SOC 225	SOCI 1010
Humanities/Fine Arts course	

### Fourth Semester at a NCCCS Institution

NCCCS Course	ECU Transfer Equivalent
MAT 272	MATH 2172
Social Behavioral Science course or Elective course	
Elective course or 2 <sup>nd</sup> Natural Science	
Humanities/Fine Arts course or Elective course	
MAT 280 (if offered)	MATH 3256

- Schedule at ECU will depend on courses completed at the community college and semester of entry (fall or spring).
- You should email <a href="mailto:coeadvising@ecu.edu">coeadvising@ecu.edu</a> as soon as possible for more specialized advising.
- This schedule is dependent on taking full-time course loads; however, it may not be realistic to take a
  full-time course load if you are working full-time or part-time, are a caregiver, or have other obligations.
  Ask your advisor how you can be most successful.