

#### **Baccalaureate Degree Plan**

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

East Carolina University, **BA BIOLOGY** 

The BA Biology is intended to give majors a background in biodiversity, cell biology, evolution, ecology, genetics, molecular biology, and physiology.

• As a transfer student, it is important to contact an ECU Academic Advisor, thcasadvising@ecu.edu, 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.

Recommended courses to take at a NCCCS community college:			
BIO 111 BIO 112	CHM 131, 131A <b>or</b> CHM 151	ENG 111 ENG 112	Four levels of a Foreign Language:
BIO 250	CHM 132 <b>or</b> CHM 152	MAT 152 MAT 171 MAT 263	Example: SPA 111, SPA 112, SPA 211, and SPA 212

- Other courses to complete an AA or AS are student's choice; no other current department recommendations. Other equivalent courses may be listed in the degree requirements.
- Completion of an approved NCCCS AA or AS waives the General Education requirement. For more information about the waiver, <u>click here.</u>
- For more information about General Education Core Requirements at ECU, and a list of specific course options, click <u>here.</u>
- You do not have to complete all NCCCS equivalents or recommended courses before transferring. However, taking minimal recommendations may prolong your time to degree at ECU.

# **Degree Requirements**

General Education Core Requirements
40 semester hours credit required; completion of an approved NCCCS AA or AS waives this 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.

GENERAL SPECIFIC EDUCATION	Include as part of the 40 required General Education Core hours, the following courses:	NCCCS Equivalents:
REQUIREMENTS	CHEM 1150 & 1151: General Chemistry I with Lab MATH 1065: College Algebra PHYS 1250: General Physics I	CHM 151 MAT 171 PHY 151

Foreign Language Proficiency	Complete through level 2004 (12 hours)  It is recommended to complete this requirement at your NCCCS institution. ECU offers the following languages:	NCCCS Equivalents
	<ul> <li>French</li> <li>German</li> <li>Greek</li> <li>Japanese</li> <li>Latin</li> <li>Russian</li> <li>Spanish</li> </ul>	
	To see how your language would transfer to ECU, view the Transfer Course equivalencies here: <a href="https://registrar.ecu.edu/transfers/">https://registrar.ecu.edu/transfers/</a> .  An <a href="mailto:example">example</a> of how to complete this requirement:	
	SPAN 1001 SPAN 1002 SPAN 2003 SPAN 2004	SPA 111 SPA 112 SPA 211 SPA 212

	Complete 28 semester hour credits.	NCCCS Equivalents
CORE	BIOL 1100 & 1101: Principles of Biology I with Lab	BIO 111
	BIOL 1120: Careers in Biology BIOL 1200 & 1201: Principles of Biology II with Lab	BIO 112
	BIOL 2250: Ecology BIOL 2300: Principles of Genetics	BIO 250

	BIOL 3010: Scientific Communication BIOL 3030: Principles of Physiology BIOL 3260: Cell and Developmental Biology BIOL 3620: Biological Evolution	
COGNATES	Complete 11 semester hour credits.  CHEM 1160 & 1161: General Chemistry II with Lab MATH 2121: Calculus for the Life Sciences I PHYS 1251: General Physics Lab I	NCCCS Equivalents  CHM 152  MAT 263  PHY 151
	Choose one statistics course:  BIOS 1500: Introduction to Biostatistics MATH 2228: Elementary Statistical Methods I MATH 2283: Statistics for Business PSYC 2101: Psychological Statistics	MAT 152
	Note: While CHEM 1150, 1151, 1160, and 1161 are required, CHEM 1120 and 1130 will be considered for students transferring into the program.	CHM 131, 131A CHM 132

# MINOR and/or ELECTIVES

## Complete 29 semester hour credits:

- A minimum of 2 biology classes with a lab are required.
- With the help of an advisor, you may choose an area of specialization such as bioinformatics, biotechnology, conservation, education/communication, and marine biology.
- You may also elect to complete a minor.

### Potential 2 Year Map for BA Biology

An example of courses to take at your community college, if you plan to take a full-time course load and not participate in summer semesters.

#### **First Semester at NCCCS Institution**

NCCCS Course	ECU Transfer Equivalent
ENG 111	ENGL 1100
Foreign Language Level 1	Example: SPA 111
Social Science Course	
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
BIO 111	BIOL 1100, 1101
Humanities/Fine Arts Course	
MAT 152	MATH 2228
Foreign Language Level 2	Example: SPA 112

#### Third Semester at a NCCCS Institution

NCCCS Course	ECU Transfer Equivalent
ENG 112	ENGL 2201
Humanities/Fine Arts Course	
Social Science Course	
BIO 112	BIOL 1200, 1201
Foreign Language Level 3	Example: SPA 211

#### Fourth Semester at a NCCCS Institution

NCCCS Course	ECU Transfer Equivalent
MAT 263	MATH 2121
Foreign Language Level 4	Example: SPA 212
Humanities/Fine Arts Course	
Social Science Course	
(or any other course (s) to complete your degree).	

- Schedule at ECU will depend on courses completed at the community college and semester of entry (fall or spring).
- You should email thcasadvising@ecu.edu 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.