

Baccalaureate Degree Plan

NCCCS Associate in Arts **or** Associate in Science transfer to
East Carolina University, **BA Chemistry**

The Chemistry, BA program provides a flexible major designed to provide the student with a broad education in chemistry appropriate for further study in a wide range of fields, such as business, medicine, pharmacy, and law as well as careers dependent on a basic knowledge in chemistry. The Chemistry, BA, in conjunction with two semesters of laboratory-based biology courses, satisfies the course requirements for application to most US medical schools.

 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.

Optional/Recommended Courses to take at a North Carolina Community College

While ECU will transfer all courses with a "C" or higher (no limit to amount), you must complete half (60 hours) of the courses required for your degree at ECU. Therefore, taking all of the optional course equivalents in this degree plan may not be in your best interest. Speak with your community college advisor about your best option for completing your AA or AS.

CHM 151 CHM 152 CHM 251	ENG 111 ENG 112	MAT 171 MAT 172 MAT 271	PHY 151 PHY 152	Foreign Language Levels 1-4
CHM 252	HEA 110	MAT 272		(for 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 are listed in the degree requirements. Due to the amount
 of science courses required for this degree, you may not be able to take all of them before transferring.
 That is okay!
- Completion of an approved NCCCS AA or AS waives the General Education requirement. For more information about the waiver, click here.
- For more information about General Education Core Requirements at ECU, and a list of specific course options, click here.
- 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	MATH 1065 - College Algebra or MATH 2121 - Calculus for the Life Sciences I or MATH 2171 - Calculus I	MAT 171 MAT 263 MAT 271
	PHYS 1250 - General Physics I PHYS 1251 - General Physics Laboratory I PHYS 1260 - General Physics II	PHY 151 PHY 152

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

CORE	Complete 30 semester hour credits.	NCCCS Equivalents
	CHEM 1150 - General Chemistry I CHEM 1151 - General Chemistry Laboratory I	CHM 151
	CHEM 1160 - General Chemistry II CHEM 1161 - General Chemistry Laboratory II CHEM 3250 - Quantitative and Instrumental Analysis CHEM 3251 - Quantitative and Instrumental Analysis Laboratory	CHM 152
	CHEM 2750 - Organic Chemistry I	CHM 251
	CHEM 2753 - Organic Chemistry Laboratory I CHEM 2760 - Organic Chemistry II CHEM 2763 - Organic Chemistry Laboratory II CHEM 3450 - Elementary Inorganic Chemistry CHEM 3451 - Elementary Inorganic Chemistry Laboratory CHEM 3850 - Introduction to Physical Chemistry CHEM 3851 - Introduction to Physical Chemistry Laboratory	CHM 252
COGNATES	Complete 7-14 semester hour credits.	NCCCS Equivalents
	MATH 2121 - Calculus for the Life Sciences I MATH 2122 - Calculus for the Life Sciences II	MAT 263
	MATH 1083 - Introduction to Functions or MATH 1085 - Pre-Calculus Mathematics	MAT 172
	and MATH 2171 - Calculus I MATH 2172 - Calculus II	MAT 271 MAT 272
	PHYS 1261 - General Physics Laboratory II	PHY 152

Electives to complete requirements for graduation.

Complete any hours needed for degree requirements.

Potential 2 Year Map for BA Chemistry

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 (Ex: SPA 111)	Example: SPAN 1001
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
CHM 151	CHEM 1150, 1151
Humanities/Fine Arts Course	
MAT 172 or 263	MATH 172
Social Behavioral Science Course	
Foreign Language Level 2 (Ex: SPA 112)	Example: SPAN 1002

Third Semester at a NCCCS Institution

NCCCS Course	ECU Transfer Equivalent
ENG 112	ENGL 2201
CHM 152	CHEM 1160, 1161
Foreign Language Level 3 (Ex: SPA 211)	Example: SPAN 2003
Social Behavioral Science Course	
Humanities/Fine Arts Course	

Fourth Semester at a NCCCS Institution

NCCCS Course	ECU Transfer Equivalent
Humanities/Fine Arts Course or additional Math	
Course	
Social Behavioral Course or CHM 251	CHEM 2750
Foreign Language Level 4 (Ex: SPA 212)	Example: SPAN 2004
Elective (s) to complete 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.