



## 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](mailto: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	ENG 111	MAT 171	PHY 151	Foreign Language Levels 1-4
CHM 152	ENG 112	MAT 172	PHY 152	
CHM 251		MAT 271		
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.



<b>CORE</b>	<p><b>Complete 30 semester hour credits.</b></p> <p>CHEM 1150 - General Chemistry I  CHEM 1151 - General Chemistry Laboratory I  CHEM 1160 - General Chemistry II  CHEM 1161 - General Chemistry Laboratory II  CHEM 3250 - Quantitative and Instrumental Analysis  CHEM 3251 - Quantitative and Instrumental Analysis  Laboratory  CHEM 2750 - Organic Chemistry I  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</p>	<p><i>NCCCS Equivalents</i></p> <p><i>CHM 151</i></p> <p><i>CHM 152</i></p> <p><i>CHM 251</i></p> <p><i>CHM 252</i></p>
<b>COGNATES</b>	<p><b>Complete 7-14 semester hour credits.</b></p> <p>MATH 2121 - Calculus for the Life Sciences I  MATH 2122 - Calculus for the Life Sciences II</p> <p>MATH 1083 - Introduction to Functions <b>or</b>  MATH 1085 - Pre-Calculus Mathematics  and  MATH 2171 - Calculus I  MATH 2172 - Calculus II</p> <p>PHYS 1261 - General Physics Laboratory II</p>	<p><i>NCCCS Equivalents</i></p> <p><i>MAT 263</i></p> <p><i>MAT 172</i></p> <p><i>MAT 271</i>  <i>MAT 272</i></p> <p><i>PHY 152</i></p>
<b>Electives to complete requirements for graduation.</b>	<b>Complete any hours needed for degree requirements.</b>	

## 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](mailto: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.**