

**Columbus State Community College – Associate of Arts (AA) Degree, Economics Major**  
**Otterbein University – Bachelor of Arts (BA) Degree,**  
 Major: Environmental Economics & Sustainability  
**Sample Pathway Plan of Study**



**Freshman Year (CSCC)**

Autumn Semester		Spring Semester	
ENGL 1100 Composition I [INST 1500, WI]	3	STAT 1450 The Practice of Statistics [MATH 1240]	4
MATH 1130, 1146, <u>or</u> 1148 College Algebra [MATH FND]	4-5	Intermediate Composition [DS, WI]*	3
ECON 2200 Principles of Microeconomics [ECON 2100]**	3	ECON 2201 Principles of Macroeconomics [ECON 2200]**	3
COLS 1100 First Year Experience Seminar	1	Foreign Language [DS]* or AA Elective	4
OT-36 Exploration Course*	3	OT-36 Exploration Course*	3
Total hours	14-15	Total hours	17

**Sophomore Year (CSCC)**

Autumn Semester		Spring Semester	
Literature/Cultures & Ideas/Visual/Perf. Arts [INST 2600]*	3	BIO 1127 Intro to Environmental Science [(ESCI 1001/INST 2410)**	4
Foreign Language [DS]* or AA Elective	4	Foreign Language [DS]* or AA Elective	4
Natural Science, no lab [INST 2400]*	3	Social & Behavioral Science (subject other than ECON) [INST 2000]*	3
Historical Study [INST 2800]*	3	AA Elective	3
BMGT 2050 Sustainable Business** [Major Elective]	3		
Total hours	16	Total hours	14-15

\*List of courses that meet this requirement can be found after notes.

Courses number in [brackets] is the Otterbein equivalent course. WI=Writing Intensive (3 courses req); DS= Disciplinary Skills (8-9 hrs. req.)

**Junior Year (Otterbein)**

Autumn Semester		Spring Semester	
ECON 3100 Intermediate Microeconomics	3	BAE Department Elective**	3
ECON 3400 Environmental Economics	3	ECON 3200 Intermediate Macroeconomics	3
TYS Transfer Year Seminar <u>or</u> FYS First Year Seminar (choose one)	2-3	ECON 3700 Environment, Energy, & Regulation	3
Sustainability Elective	3	INST 2200 Reflection & Responsibility Course	3
General Elective	3	General Elective	3
		LFW Course	1
Total hours	14-15	Total hours	16

**Senior Year (Otterbein)**

Autumn Semester		Spring Semester	
ECON 4500 Intro to Econometrics (WI)	3	ECON 4600 Environmental Econ. Quantitative Methods	3
Economics Elective**	3	Sustainability Elective**	3
BAE Department Elective**	3	SYE Senior Year Experience	3
INST 3000 Integrative Seminar	3	General Elective	3
General Elective	3	General Elective	3
Total hours	16	Total hours	15

- At Otterbein, at least 36 credit hours of coursework must be taken in Otterbein classes. Of these hours: at least 9 credit hours must be taken in each of a student's majors at the 3000 level or above, at least 5 credit hours (any level) must be taken in each minor, and at least one INST 2XXX thread course, INST 3XXX, and an SYE course must be taken at Otterbein. Otterbein requires 120 credit hours to complete the bachelor's degree with an overall GPA of 2.0 or higher.
- Students are encouraged to meet with an Otterbein advisor regarding their major course work and general education course work meant to satisfy Otterbein's general education or INST requirement.
- CSCC Degree Plan:** This Sample Pathway Plan of Study was created with the assumption that students would complete the Associate of Arts Economics Major before transferring into the stated bachelor's degree. Completing the general Associate of Arts degree is also an option and this document can still be used for degree planning. If you have questions, contact a Columbus State Arts and Sciences Academic Advisor and an advisor at Otterbein University.

- Students must complete 8-9 hours of disciplinary skills development course work, including one course beyond college mathematics, one course in health and wellness (LFW course) and three courses from: language proficiency, oral and written communication, and experimental design/laboratory skills. Students may use their CSCC course work, including a foreign language, for part of this requirement. Students should consult with their Otterbein academic advisor for further options to complete this requirement at Otterbein.
- **\*\*Environmental Economics & Sustainability Major at Otterbein:** Students must complete ECON 2200 and 2201 at Columbus State to qualify for Otterbein economics course work. To complete the Environmental Economics & Sustainability major at Otterbein, students will complete 3 credit hours of elective courses in Economics, 6 credit hours of departmental electives that include upper division business related courses, and 6-7 hours of sustainability electives. Students interested in their choice of major and/or departmental electives should contact an Otterbein advisor.

### **Suggested Courses to Complete for Otterbein's General Education Requirements and Requirements for the Associate of Arts Degree at Columbus State**

#### **Intermediate Composition [DS, WI]** Choose one of the courses below:

ENGL 2367	Composition II	ENGL 2667	Comp II: Working Class Identity
ENGL 2467	Comp II: Race & Ethnicity	ENGL 2767	Comp II: Science and Technology
ENGL 2567	Comp II: Gender and Identity		

#### **Historical Study [INST 2800]**

For the AA degree, students must complete one Historical Study course. Taking one course below will satisfy Otterbein requirements for INST 2800.

HIST 1111	European History to 1648	HIST 1182	World Civ II Non Western Since 1500
HIST 1112	European History Since 1648	HIST 2715	History of Western Medicine I
HIST 1181	World Civ I Non Western to 1500	HIST 2716	History of Western Medicine II

#### **Social Science [INST 2000]**

For the AA degree, students must complete two Social Science courses from two different departments. ECON 2200 is required as one course and the second Social Science course should be chosen from the list below to satisfy Otterbein's INST 2000 requirement.

ANTH 2202	Peoples and Cultures	SOC 2202	Social Problems
GEOG 2400	Economic and Social Geography	SOC 2380	American Race and Ethnic Relations
SOC 1101	Intro to Sociology	PSY 2325	Social Psychology

#### **Natural Science [INST 2400 & DS]**

For the AA degree, students must take two science courses. At least one course must have a lab. BIO 1127 is recommended for this requirement and the major at Otterbein. Non-lab courses are indicated by italics. Otterbein requires one science course from this list labeled INST 240X. The second course should be from elsewhere on this list preferably labeled as Disciplinary Skills (DS).

ASTR 1141	<i>Life in the Universe</i>	CHEM 1172	General Chemistry II (CHEM 1500, DS)
ASTR 1161	<i>The Solar System (INST 2403)</i>	CHEM 1200	Intro to General & Organic Chem (CHEM 1100, DS)
ASTR 1162	<i>Stars and Galaxies (INST 2403)</i>	GEOG 1900	Weather and Climate (INST 2400)
BIO 1107	Human Biology (DS)	GEOL 1101	Intro to Earth Science (DS)
BIO 1111	Intro to Biology (DS)	<i>GEOL 1105</i>	<i>Geology &amp; National Parks (INST 2400)</i>
BIO 1113	Biological Sciences I (BIO 1010, DS)	GEOL 1121	Physical Geology (ESCI 1010, DS)
BIO 1114	Biological Sciences II (BIO 1020, DS)	<i>GEOL 1151</i>	<i>Natural Disasters (INST 2400)</i>
BIO 1127	Intro to Environmental Science (ESCI 1001/INST 2410)	PHYS 1200	Algebra-Based Physics I (PHYS 1100, DS)
<i>CHEM 1100</i>	<i>Chemistry &amp; Society (INST 2400)</i>	PHYS 1201	Algebra-Based Physics II (PHYS 1200, DS)
CHEM 1111	Elem. Chemistry I (CHEM 1100, DS)	PHYS 1250	Calculus-Based Physics I (PHYS 1500, DS)
CHEM 1171	General Chemistry I (CHEM 1400, DS)	PHYS 1251	Calculus-Based Physics II (PHYS 1600, DS)

#### **Literature/Cultures & Ideas/Visual & Performing Arts [INST 2600]**

Students must complete one Literature/Cultures & Ideas/Visual & Performing Arts course for the AA degree. To meet Otterbein's requirement, students should choose from the list below for INST 2600.

ENGL 2274	Introduction to Non-Western Literature	HUM 1100	Intro to the Humanities
ENGL 2276	Women in Literature	HUM 1160	Music and Art Since 1945
ENGL 2280	The English Bible as Literature	MUS 1251	Survey of Music History
ENGL 2281	African American Literature	THEA 1100	Introduction to Theatre

**Foreign Language Options [DS]:** ASL, Chinese, French, German, Italian, Japanese, and Spanish.

#### **OT-36 Exploration Courses**

To earn the AA degree and complete the OT-36 requirement, students must complete at least two additional courses from Social Science, Literature, Cultures & Ideas, Visual & Performing Arts, and Historical Study categories on the AA plan of study. Students may complete any combination of two courses to meet this requirement.