



Appendix A

Degree Map/Transfer Pathway



Associate of Science to Bachelor of Science in Biology: Comprehensive Biology Concentration

The Comprehensive Biology program will prepare students for graduate studies and research, medicine, podiatry, dentistry, veterinary medicine, allied health and applied biology. Graduates will have acquired a broad foundation of knowledge in the biological and physical sciences as well as the ability to use this knowledge.

4 Year Degree Planner

First Year at Cuyahoga Community College			
Fall Semester	Credits	Spring Semester	Credits
BIO 1500 Principles of Biology I	4	BIO 1510 Principles of Biology II	4
CHEM 1010 Introduction to Inorganic Chemistry	4	OT36 Social & Behavioral Science Elective	3
COMM 1010/101H Fund. of Speech Comm./Honors	3	ENG 1020/102H College Composition II/Honors	3
ENG 1010/101H College Composition I/Honors	3	MATH 1410 Elementary Probability & Statistics I	3
Elective	3	PHIL 1000 Critical	3
	17		16
Second Year at Cuyahoga Community College			
Fall Semester	Credits	Spring Semester	Credits
CHEM 1300 General Chemistry I	4	ANTH 1010 Cultural Anthropology	3
CHEM 130L General Chemistry Laboratory I	1	CHEM 1310 General Chemistry II	4
MATH 1580 Precalculus	5	CHEM 131L General Chemistry Laboratory II	1
PHYS 1210 College Physics I	4	PHYS 1220 College Physics II	4
		¹ Elective (choose a course from below)	3
	14		15
Total minimum credits earned at Tri-C	60	Associate of Arts Degree Awarded	
First Year at Notre Dame College			
Fall Semester	Credits	Spring Semester	Credits
BI 300-400 Biology Elective	3-4	BI 300-400 Biology Elective	3-4
BI 307 Cell and Molecular Biology & Laboratory	4	CH 214 Organic Chemistry II	3
CH 211 Organic Chemistry I	3	CH 214 Organic Chemistry Laboratory II	1
CH 213 Organic Chemistry Laboratory I	1	MA 175 Calculus I	4
Theological Inquiry	3	PH 480 Current Ethical Problems and Positions	3
	14-15		14-15
Second Year at Notre Dame College			
Fall Semester	Credits	Spring Semester	Credits
BI 300-400 Biology Elective	3-4	BI 360 Microbiology	3
BI 350 Genetics	3	BI 361 Microbiology Laboratory	1
CH 305 Biochemistry I	3	BI 481-483 Coordinating Seminar	1
CH 306 Biochemistry Laboratory I	1	BI 486-489 Independent Research	3
TH 450 Social Justice: Issues and Action	3	BI 495 Internship	3
Elective	3	Elective	3
	16-17		14
Total minimum credits earned at both institutions	120	Bachelor of Arts Degree Awarded	

Additional Information:

Assumptions: college-level readiness in MATH and ENG.

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¹ (NDC Literary Inquiry Core): ENG 2310, 2320, 2350, 2360, 2410, 2420, 2430, 2510, 2520, 2601, 2700, 2710, 2730

This Transfer Pathway completes the Associate of Science degree, which must total at least 60 semester credits and includes 36 Ohio Transfer 36 (OT36) credits which are approved Tri-C general education requirements. OT36 details can be found at <https://www.ohiohighered.org/Ohio-Transfer-36>.