



Appendix A

Degree Map/Transfer Pathway



Associate of Science to Bachelor of Arts in Biology: Exercise Science Concentration

The Exercise Science concentration is designed to prepare students interested in continuing their education through a graduate program to earn an advanced degree in physical therapy.

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	ENG 1020/102H College Composition II	3
COMM 1010 Fundamentals of Speech Comm. *	3	¹ Elective (choose a course from below)	3
DIET 1050 Sports Nutrition	3	MATH 1410 Elementary Probability & Statistics I	3
ENG 1010/101H College Composition I	3	PSY 1010 General Psychology	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	PHIL 1000 Critical Thinking	3
		PHYS 1220 College Physics II	4
	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 307 Cell and Molecular Biology & Laboratory	4	BI 325 Exercise Physiology for Majors	3
CH 211 Organic Chemistry I	3	CH 214 Organic Chemistry II	3
CH 213 Organic Chemistry Laboratory I	1	CH 214 Organic Chemistry Laboratory II	1
HP 115 Exercise and Conditioning	3	Elective (300/400 level)	3
TH 250 Spirituality: Finding Your Inner GPS	3	HP 153 Care and Prevention of Athl. Injuries	3
		HP 330 Health Psychology	3
	14		16
Second Year at Notre Dame College			
Fall Semester	Credits	Spring Semester	Credits
BI 300 Human Anatomy and Physiology I	3	BI 302 Human Anatomy and Physiology II	3
BI 301 Human Anatomy and Physiology Laboratory I	1	BI 303 Human Anatomy and Physiology Laboratory II	1
CH 305 Biochemistry I	3	BI 483 Coordinating Seminar	1
CH 306 Biochemistry Laboratory I	1	BI 495 Internship	3
Elective	3	HP 350 Applied Kinesiology	3
PH 480 Current Ethical Problems and Positions	3	TH 450 Social Justice: Issues and Action	3
	14		14
Total minimum credits earned at both institutions	120	Bachelor of Arts Degree Awarded	

* Equivalent course taken under SPCH will be accepted to meet this requirement

Additional Information:

Assumptions: college-level readiness in MATH and ENG.

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¹(NDC Literary Inquiry Core): ENG 2020, 2310, 2320, 2350, 2360, 2410, 2420, 2430, 2510, 2520, 2700, 2710, 2720, or 2730