

NORTH CENTRAL STATE COLLEGE

Bioscience 2020-2021

Preparatory Courses			
Complete	Course Number	Course Title	
	FYEX 0070*	College and Career Success	
	ENGL 0040*	Integrated Reading and Writing	
	MATH 0072; 0073; 0084; STAT 0086*	Developmental Math courses	

FALL				YEAR ONE	
Complete	Term	Course Number	Course Title	Prerequisites	Credits
		BIOL 1230	Biology I	WRIT 0090, READ 0080 & MATH 0074 *	4
		BIOS 1010	Introduction to Bioscience Lab Techniques	ENGL0040 & MATH 0084 * High School Chemistry or CHEM 1010 (minimum of C-required)	4
		BIOS1030	Environmental Science	BIOS 1010c, BIOL 1230c, MATH 1110c	4
		MATH 1110	College Algebra	MATH 0086 *	4
		^ Milestone course		Semester Credit Hours	16

SPRING				YEAR ONE	
Complete	Term	Course Number	Course Title	Prerequisites	Credits
		BIOS 1210	Histology	BIOS 1010	4
		BIOL 1231	Biology II	BIOL 1230	4
		BIOS 2440	Introduction to Agriculture Science	BIOS 1010, BIOL 1230, BIOL 1231c	4
		ENGL 1010^	English Composition I	WRIT 0090 and READ 0080 *	3
		^ Milestone course		Semester Credit Hours	15

FALL				YEAR TWO	
Complete	Term	Course Number	Course Title	Prerequisites	Credits
		ENGL 1030^	English Composition II	ENGL 1010 (minimum grade of C-)	3
		BIOL 1550	Microbiology for Health Professionals		3
		BIOS 2410	Advance Bioscience Lab Techniques	BIOS 1010, CHEM 1210c	4
		CHEM 1210	Chemistry I	High School Chemistry or CHEM 1010 (minimum of C-required) -AND- MATH 1110 (minimum of C-required)	5
		HLST 1010	CPR/First Aid		1
		^ Milestone course		Semester Credit Hours	16

SPRING				YEAR TWO	
Complete	Term	Course Number	Course Title	Prerequisites	Credits
			Social Science Elective		3
		BIOS 2550	Pharmaceutical/Toxicology Bioscience	BIOS 2410, CHEM 1210, BIOS2530c	4
		BIOS 2530	Genetics	BIOS 2410, BIOS 2590c	4
		BIOS 2590	Bioscience Practicum/Seminar	BIOS 2410, BIOS 2530c	2
		^ Milestone course		Semester Credit Hours	
					TOTAL SEMESTER HOURS

c = Can be concurrent m = Must be concurrent

* All incoming students will be required to provide ACT scores or take a placement test. Based on their scores, students will be placed in appropriate English and mathematics courses. Successful completion of developmental English, and mathematics prerequisites require a grade of C- or above in the course. Developmental English and mathematics course prerequisites can also be attained through placement testing. See the [Standardized Testing Cutoff Scores](#) for specific tests and test scores.

The College strongly recommends that students be covered by hospitalization insurance, which can be purchased through a private carrier. To obtain a brochure regarding insurance, contact the Student Success Center. (Rm 103 Kee Hall) or call toll free 888-755-4899, ext. 4761 or locally 419-755-4761.

A grade of C or better in BIOL 1230, BIOL1231, BIOL 1550, HLST 1010, MATH 1110, CHEM 1210 and all BIOS courses is required to meet prerequisite and graduation requirements in the Bioscience program.

SOCIAL SCIENCES ELECTIVES				
Complete	Course Number	Course Title	Prerequisites	Credits
	COMM 2010	Group Communication		3
	COMM 2030	Interpersonal Communication		3
	COMM 2250	Interviewing		3
	ECON1010	Introduction to Economics		3
	POLT 1010	American National Government		3
	PSYC 1010	Introduction to Psychology		3
	PSYC 1070	Intro to Women's Studies		3
	PSYC 1090	Death & Dying		3
	PSYC 2050	Abnormal Psychology		3
	PSYC 2070	Human Sexuality		3
	SOCY 1010	Introduction to Sociology		3
	SOCY 2010	Cultural Diversity and Racism		3
	SOCY 2030	Marriage and Family		3