

# NORTH CENTRAL STATE COLLEGE

## Bioscience 2019-2020

Preparatory Courses			
Complete	Course Number	Course Title	
	<b>FYEX 0070*</b>	College and Career Success	
	<b>ENGL 0040*</b>	Integrated Reading and Writing	
	<b>MATH 0072; 0073; 0084;</b> <b>STAT 0086*</b>	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
		<b>^ Milestone course</b>		<b>Semester Credit Hours</b>	<b>16</b>

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
		<b>ENGL 1010^</b>	English Composition I	WRIT 0090 and READ 0080 *	3
		<b>^ Milestone course</b>		<b>Semester Credit Hours</b>	<b>15</b>

FALL				YEAR TWO	
Complete	Term	Course Number	Course Title	Prerequisites	Credits
		<b>ENGL 1030^</b>	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
		<b>^ Milestone course</b>		<b>Semester Credit Hours</b>	<b>16</b>

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
		<b>^ Milestone course</b>		<b>Semester Credit Hours</b>	
					<b>TOTAL SEMESTER HOURS</b>

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.**

<b>SOCIAL SCIENCES ELECTIVES</b>				
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