

NORTH CENTRAL STATE COLLEGE

Associate of Science: Mathematics Focus 2019-2020

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
		MATH 1150 ^	Calculus I	MATH 1130 with a C- or better *	5
		ENGL 1010 ^	English Composition I	ENGL 0040 *	3
		MUSC 1010 or HUMA 1010 or THEA 1010	Music Appreciation OR Introduction to Humanities OR Introduction to Theatre	ENGL 0040*	3
		BIOL 1230 or GEOL 1010	Biology I with Lab or Physical Geology	ENGL 0040 & MATH 0084 * None	4
		^ Milestone course		Semester Credit Hours	15

SPRING				YEAR ONE	
Complete	Term	Course Number	Course Title	Prerequisites	Credits
		ENGL 1030 ^	English Composition II	ENGL 1010	3
		COMM 1010	Speech		3
		MATH 1151	Calculus II	MATH 1150 with a C- or better	5
		PHIL1110 or PHIL1010	Ethics or Western Philosophy		3
		BIOL 1231 GEOL 1030	Biology II with Lab OR Historical Geology	BIOL1230	4
		^ Milestone course		Semester Credit Hours	18

FALL				YEAR TWO	
Complete	Term	Course Number	Course Title	Prerequisites	Credits
		CHEM 1210	Chemistry I with Lab	High school chemistry and MATH 1110 or equivalent	5
		PSYC 1010 ^ or SOCY 1010 ^	Introduction to Psychology OR Introduction to Sociology		3
		PHYS 1110	General Physics I with Lab	MATH 1130 (c) or higher	4
		MATH 2010	Calculus III	MATH 1151 with a C- or better	4
		^ Milestone course		Semester Credit Hours	16

SPRING				YEAR TWO	
Complete	Term	Course Number	Course Title	Prerequisites	Credits
		CHEM 1220	Chemistry II with Lab	CHEM 1210	5
		MATH 2000	Discrete Mathematics	MATH 1110 with a C- or better *	3
		PHYS 1130	General Physics II with Lab	PHYS 1110	4
		SOCY2010	Cultural Diversity & Racism		3
		^ Milestone course		Semester Credit Hours	15
TOTAL SEMESTER HOURS					64

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.