

## 2022-23 ACADEMIC PROGRAMS

### GENERAL STUDIES IN MATH AND NATURAL SCIENCES (ASGSMS)

#### Associate in Science

This program allows students to design a program of study to meet their individual needs. This may be a good option if students are undecided about a major and want to explore a variety of discipline areas with a concentration in math and natural sciences. The program also allows students to customize their coursework to the requirements of the senior college or university to which they are transferring. Students should begin by meeting with a counselor who will assist them in developing a program of study that meets all of the College's graduation requirements. A counselor can also help students determine their interests and career and educational goals as well as provide transfer and career information.

Program is also available online

#### Description

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#### Math/Science Concentration

Complete a concentration in math or science 15 credit hours from no more than two disciplines chosen from Biology, Chemistry, Environmental Science, Geology, Math or Physics (A minimum of 6 credits at the 200 level is strongly recommended). Students transferring to EMU should select from the following WCC courses: BIO 161, BIO 162, BIO 208, BIO 215, BIO 227; CEM 105, CEM 111, CEM 122, CEM 140, CEM 211, CEM 222; ENV 101, ENV 105; GLG 100, GLG 103, GLG 104, GLG 114, GLG 276; MTH 191, MTH 192, MTH 197, MTH 293, MTH 295; PHY 111, PHY 122, PHY 211, PHY 222. Please see an advisor to select courses that will meet the requirements of the college to which you are transferring.

#### Concentration 2

Complete a second concentration. Select 9 credits from no more than two disciplines listed below (A minimum of 3 credits at the 200 level is strongly recommended). Select from Anthropology, Arabic, Art, Astronomy, Biology, Chemistry, Chinese, Communication, Computer Information Systems, Computer Networking Technology, Computer Science, Computer Systems Security, Computer Systems Technology, Criminal Justice, Dance, Drama, Economics, English, Environmental Science, French, Geography, Geology, German, Health Science, History, Humanities, Math, Music, Philosophy, Physics, Political Science, Psychology, Sociology or Spanish.

#### Articulation

Eastern Michigan University, Technology Management BS

#### Course Requirements

##### First Semester

Class	Title	Minimum Credits
ENG 111	Composition I	4
	Concentration 2: select a course	3
	Math/Science concentration: select a course	3
	Soc. Sci. Elective(s) 1	3
	Nat. Sci. Elective(s)	3
Total		16

##### Second Semester

Class	Title	Minimum Credits
	Speech/Comp. Elective(s)	3
	MTH 191 or higher	4
	Arts/Human. Elective(s) 1	3
	Math/Science concentration: select a course	3
Total		13

##### Third Semester

Class	Title	Minimum Credits
	Elective(s) to reach a minimum 60 credits	3
	Concentration 2: select a course	3
	Math/Science concentration: select a course	3
	Math/Science concentration: select a course	3
	Nat. Sci. Lab Elective(s)	3
Total		15

##### Fourth Semester

Class	Title	Minimum Credits
	Arts/Human. Elective(s) 2	3
	Concentration 2: select a course	3
	Math/Science concentration: select a course	3

	Soc. Sci. Elective(s) 2	3
	General Education Elective(s) (0-1 credits) to reach a minimum 30 General Education Credits	1
	Elective(s) to reach a minimum 60 credits	3
Total		16

**Total Credits Required: 60**

**Footnotes**

Courses used to meet General Education Requirements cannot be counted toward the minimum credits for the concentrations.

Accurate as of 05/27/2022 Information is subject to change without notice.