

Genesee Community College
 225-Liberal Arts and Science: Mathematics – A.S.
 SEMESTER COURSE PLANNING WORKSHEET
 FALL 2018-CURRENT

Suggested First Semester	Credits	Suggested Second Semester	Credits
ENG101 (By Placement)	3	ENG102	3
MAT141*	4	MAT142	4
SPE103, 108 or 109	3	MAT247 (Spring Only)	3
PHY131 (Fall Only) or BIO115 or CHE101	4	PHY132 (Spring Only) or BIO116 (Spring Only) or CHE102	4
SOCIAL SCIENCE ELECTIVE	3		
Total	17	Total	14
Suggested Third Semester	Credits	Suggested Fourth Semester	Credits
MAT245 (Fall Only)	4	MAT246 (Spring Only)	4
HISTORY/ARTS/HUMANITIES ELECTIVE	3	MAT255 (Spring Only)	4
GENERAL ELECTIVE	3	WORLD CIVILIZATION ELECTIVE	3
FOREIGN LANGUAGE	3	GENERAL ELECTIVE	3
HED/PED/ATH	2		
Total	15	Total	14
		Program Total Credits	60

General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see <http://www.genesee.edu/offices/advisement/placement-and-proficiency-guide> for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Electives: General electives for this program should be selected with the transfer institution and program of interest in mind. For additional assistance with course selection, see the Transfer Coordinator in the Student Success Center.

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1	BASIC COMMUNICATION	9
	ENG101 English Communications1	3
	ENG102 English Communications 2	3
	Select SPE103 or SPE108 or SPE109	3
2	HISTORY, HUMANITIES & THE ARTS	6
	Students must complete the following courses:	
	1. World Civilization: Select one: <u>SUNY Approved World Civilizations course</u> &	3
	One elective course from any of the following areas:	
	1. American History: Select one: <u>SUNY Approved American History course</u>	
	2. Western Civilization: Select one: <u>SUNY Approved Western Civilization course</u>	3
	3. Humanities: Select one: <u>SUNY Approved Humanities course</u>	
	4. The Arts: Select one: <u>SUNY Approved The Arts course</u>	
3	SOCIAL SCIENCE ELECTIVE	3
	Select one: <u>SUNY Approved Social Sciences course</u>	3
4	MATHEMATICS	23
	MAT141 Calculus I	4
	MAT142 Calculus II	4
	MAT245 Calculus III	4
	MAT246 Linear Algebra	4
	MAT247 Discrete Math	3
	MAT255 Differential Equations	4
5	NATURAL SCIENCES	8
	Select PHY131 & PHY132 or BIO115 & BIO116 or CHE101 & CHE102	8
6	FOREIGN LANGUAGE	3
	Select one: <u>SUNY Approved Foreign Language course</u>	3
	Students having obtained an 85 or higher on the Regents B exam or an 85 or higher on a regional exam aligned with the former regents at Checkpoint B have met this requirement and may select a language or an additional 3-credit General Education Elective.	
7	HED/PED/ATH	2
	HED***, PED***, ATH***	2
8	GENERAL ELECTIVES	6
	TOTAL	60
	Reading and Math Proficiency Required	
	Minimum QPI: 2.00	