

Genesee Community College
 224–Lib Arts: Math & Science–A.S.
 SEMESTER COURSE PLANNING WORKSHEET
 2009-2010

Suggested First Semester	Credits	Suggested Second Semester	Credits
ENG101 (By Placement)	3	ENG102	3
MAT141	4	MAT142	4
PHY131 or BIO115 or CHE101	4	PHY132 or BIO116 or CHE102	4
AMERICAN HISTORY ELECTIVE	3	RESTRICTED ELECTIVE	3-4
FOREIGN LANG/GENERAL ELECTIVE	3	HEALTH/PE/REC	2
Total	17	Total	16-17
Suggested Third Semester	Credits	Suggested Fourth Semester	Credits
RESTRICTED ELECTIVE/CHE201	4	RESTRICTED ELECTIVE	3-4
RESTRICTED ELECTIVE	3	SPE103 or SPE108 or SPE109/CHE202	3
WESTERN CIVILIZATION ELECTIVE	3	RESTRICTED ELECTIVE	4
WORLD CIVILIZATION ELECTIVE	3	RESTRICTED ELECTIVE	3-4
GENERAL ELECTIVE	3	SOCIAL SCIENCE ELECTIVE	3
Total	16	Total	16-18

General Curriculum Information

English (by placement): Satisfactory completion of the writing skills exam is a prerequisite for ENG101. Students who do not satisfactorily complete the writing exam must register for ENG091 and/or ENG100 prior to completing their six (6) hour English sequence.

Mathematics (by placement): Mathematics placement is based on the ACT, ASSET, or COMPASS placement test.

Reading Proficiency Requirement: All students will be required to demonstrate proficiency in reading through testing prior to earning a degree or certificate. Students who do not meet the required standard will be expected to begin remediation immediately.

Electives: 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 Career & Transfer Center.

224	Degree Requirements for Lib Arts: Math & Science	A.S.
2009-2010		
1	COMMUNICATIONS	6
	ENG101 English Communications 1	3
	ENG102 English Communications 2	3
2	HISTORY	9
	1. American History Elective: HIS203 US History I or HIS204 US History II Students having obtained an 85 or higher on the US History Regents exam have met the American History requirement and may select one <u>SUNY Approved American History course</u>	3
	*2. Western Civilization: Select one: ART103, ART104, THE202, THE204	3
	3. World Civilization: Select one: <u>SUNY Approved World Civilizations course</u>	3
3	SOCIAL SCIENCE ELECTIVE	3
	1. Select one: <u>SUNY Approved Social Sciences course</u>	
4	MATH	8
	MAT141 Calculus I	4
	MAT142 Calculus II	4
5	CONCENTRATION DISTRIBUTION	34
	Students must choose one of the following concentrations:	
	<p>General Math/Science Concentration:</p> <ol style="list-style-type: none"> 1. 3 cr.: Select SPE103 or SPE108 or SPE109 2. 3 cr.: Select FRE101, FRE102, FRE201, FRE202, SPA101, SPA102, SPA201, or SPA202. Students having obtained an 85 or higher on the Regents B exam have met this requirement and may take a language or an additional 3-credit General Elective. Students must fill out a Substitution Form in the Advisement Center. 3. 8 cr.: Select PHY131 & PHY132 or BIO115 & BIO116 or CHE101 & CHE102 4. 20 cr.: Restricted electives. Select from the list below. 	
	<p>Chemistry Concentration:</p> <ol style="list-style-type: none"> 1. 8 cr.: CHE101 & CHE102 2. 8 cr.: CHE201 & CHE202 3. 18 cr.: Restricted electives. Select from the list below. 	
	RESTRICTED ELECTIVES: BIO105, BIO106, BIO115, BIO116, BIO201, CHE101, CHE102, CHE201, CHE202, CIS125, CIS219, CIS116, EGR235, EGR236, MAT129, MAT245, MAT247, MAT255, PHY121 or PHY131**, PHY122 or PHY132**, PHY133	
6	HEALTH/PE/REC	2
	HED***, PED***, REC***	
7	GENERAL ELECTIVE	3
	TOTAL	65
	Reading and Math Proficiency Required	
	Minimum QPI: 2.00	

Revised: 5/24/00, 5/25/00/ 3/05/01/ 4/23/01/ 8/17/01, 5/10/02, 9/10/02, 2/12/04, 2/17/05, 3/2/06, 2/22/07, 8/7/08, 1/26/09

*ART103, ART104, THE202, and THE204 may be replaced by completing HIS104 or HIS105 and an approved SUNY General Education ARTS course. If you choose this option, depending on your major you may need additional credits beyond the stated degree requirements. You must complete a Curriculum Adjustment Form (Available from the Advisement Center).

**Students with credit for PHY131 may not also apply PHY121 toward this degree, and student with credit for PHY132 may not also apply PHY122 toward this degree.