NAME _____ G00-_____ ENTRY TERM_____

BACHELOR OF ARTS

GEOCHEMISTRY (3201)

Gen Education Requirements: 20-22

SUNY Gen Ed Requirements (GER)

Mathematics	R/ **	_____	3-4
Basic Com	INTD 105	_____	3
Nat Sci I Lec/Lab	N/	_____	3-4
Social Sciences	S/*	_____	3
American History	U/	_____	3
Other World Civ	M/**	_____	3
The Arts	F/*	_____	3

Geneseo Breadth Requirements: 21-23

Nat Sci II Lec/Lab	N/	_____	4
Social Science II	S/ *	_____	0-3
Fine Arts II	F/ *	_____	0-3
Humanities I	H/	_____	4
Humanities II	H/	_____	4
Foreign Lang	L/	_____	0-3
LANG 102	L/	_____	0-3
LANG 201	L	_____	0-3

TOTAL: 33-50

MAJOR *(See notes on back)*

Geological Science

Gsci 160,161	_____	4
Gsci 170	_____	4
Gsci 210	_____	3
Gsci 220	_____	3
Gsci 315 and/or		
Gsci 320	_____	3-6
Gsci 391	_____	1

Chemistry

Chem 116 or 203	_____	3-4
Chem 118 or 204	_____	2-3
Chem 119	_____	2
Chem 211 or 223	_____	3
Chem 216	_____	2
Chem 213 or 224	_____	3
Chem 340	_____	3
Chem 324	_____	3
TOTAL	_____	44

Related Requirements

Math 221 R/	_____	4
Math 222	_____	4
Phys 113 OR 123&114 N/	____	4
Phys 115 OR 125&116	_____	4
Csci 119 or 120	_____	3
Biol 116 & 117	_____	5
TOTAL	_____	24

Electives

(Gsci 341, 347, 351, 352 and 370. When Gsci 315 and 320 are taken, 9 credits are required.)

Gsci	_____	3
Gsci	_____	3
Gsci	_____	3
Gsci	_____	0-3
TOTAL	_____	9-12

courses offered by major department may not be used to fulfill N/, S/, or F/areas
*may overlap with U/ and M/ requirements
**may overlap with courses offered by major department
courses from the Geneseo Breadth Requirements may be used to meet the 30-credit Gen Ed Requirement

Semester _____		Semester _____		Semester _____		Semester _____	
	Hrs		Hrs		Hrs		Hrs
_____	____	_____	____	_____	____	_____	____
_____	____	_____	____	_____	____	_____	____
_____	____	_____	____	_____	____	_____	____
_____	____	_____	____	_____	____	_____	____
_____	____	_____	____	_____	____	_____	____
Total	____	Total	____	Total	____	Total	____

Semester _____		Semester _____		Semester _____		Semester _____	
	Hrs		Hrs		Hrs		Hrs
_____	____	_____	____	_____	____	_____	____
_____	____	_____	____	_____	____	_____	____
_____	____	_____	____	_____	____	_____	____
_____	____	_____	____	_____	____	_____	____
_____	____	_____	____	_____	____	_____	____
Total	____	Total	____	Total	____	Total	____

Revised: 9/13

Total Semester Hours = 120

COMBINED GENERAL EDUCATION AND LIBERAL ARTS BREADTH REQUIREMENTS:

1. Two courses in the humanistic tradition (Humn 220 and 221) H/.
2. Two courses in the fine arts with titles marked with the prefix F/. One of these may be a studio course.
3. Two courses in the social sciences with titles marked with the prefix S/.
4. Two courses in the natural sciences with titles marked with the prefix N/.
5. One course in critical reading and writing (Intd 105); this course must be taken during the freshman year.

Restrictions in Fine Arts, Social Science, and Natural Science

The following restrictions apply only to the Fine Arts, Social Science, and Natural Science areas of the General Education curriculum:

1. Students may not apply courses taken in their major departments toward these areas of the General Education curriculum. Double majors are prohibited only from applying courses in their first major of record.
2. In each of these areas, students must apply two courses with different departmental prefixes (For example: SOCL and ANTH for Social Science.) Transfer students who, upon original matriculation at the College, have completed an associate's degree or have 53 or more semester hours accepted as transfer credit are exempt from this limitation if they have previously completed successfully two core-eligible courses with the same departmental prefix. In addition, students who apply three semesters of ensemble or practicum toward the Fine Arts requirement may complete the requirement using a theory or history course with the same departmental prefix. (For example: MUSC 123 and three semesters of MUSC 165.)
3. Students may not apply a particular course to more than one of these areas.
4. Students may not apply more than two courses with the same departmental prefix toward the three areas collectively.

OTHER GRADUATION REQUIREMENTS:

1. One course emphasizing non-Western cultures (marked with the prefix M/Multicultural). The requirement may be fulfilled by a course marked M/ and **may overlap*** with major or general education courses. An approved college-credit bearing study abroad experience in a non-western country may satisfy this requirement.
2. One course in numeric/symbolic reasoning (marked with the prefix R/Reasoning). The requirement may be fulfilled by a course marked R/ and **may overlap*** with major or general education courses.
3. Foreign language competency through the 201 level (for students beginning college-level study in Fall 2003). This requirement may be satisfied by 4 units of a high school foreign language, including at least 85 on the Regents Examination. Students may also take the college placement exam in foreign language to attempt to place out of the requirement or to determine which class they should enroll in here.
4. One semester of US History. Course options to fill this requirement depend on the student's general education on the high school Regents examination in US History. Students scoring 85 or above on that test may choose from a menu of courses. Students scoring below 85 must take a narrative course; Hist 150 or 151 will satisfy the narrative requirement.

***Note this important difference from general education requirements area course requirements.**

DEPARTMENTAL NOTES: GEOCHEMISTRY

1. The natural science general education requirement of students graduating in Geochemistry is satisfied by two semesters of physics.

2. Minimum competence (grade of C- or better) is required in the following Gsci and Chem courses required in the major (Gsci 160, 161, 170, 210, 220, 315/320, 391; Chem 119, 120, 121, 122, 211 or 223, 212, 213or 224, 214).

3. Students require permission from the program coordinator to substitute additional course work in geological sciences, mathematics, or other appropriate areas for the required Biology 117/118 sequence.

4. Students elect four courses from Gsci 341, 347, 351, 352, 370. If both Gsci 315 and 320 are taken, elect only three courses from this list.

5. **At least 69 of the required 120 semester hours** must be taken outside the Natural Sciences and Mathematics (Astronomy, Biology, Chemistry, Geological Sciences, Mathematics, Physics). Up to 12 semester hours in Computer Science may be included within this 45 hours.

6. Majors must fulfill the Geological Sciences department writing requirement – see College Bulletin

Curriculum Guide Sheets are updated after publication of the College Undergraduate Bulletin to reflect mid-publication curricular changes. If you notice any inexplicable variation, please contact the Office of the Dean of the College immediately (Erwin 106, Ext. 5541).