

Program Modification Form – Geology General Track

Effective Year/Term: Fall 2014

College: Science and Mathematics

Department: Geology

Type of Change Requested (Click all that apply):

Change of required Courses ☒, Change in credit hours ☒

Addition of new Minor ☐, Concentration ☐

Deletion of Minor ☐, Concentration ☐

Is the requested program change dependent on the approval of any course modifications, additions, or deletions? No

If so, please list the proposed course changes below:

How many credit hours is the current program (if applicable) 117

How many credit hours will the new/modified program be 120

Are there any prerequisites that will not count toward the required hours for the major/minor? No

If so, list the prerequisites, the number of credit hours, and an explanation

Course	Prerequisite for	Explanation

Detail the planned changes below:

General Geology Track

- GOL 131 - Introductory Geology
- GOL 132 - Historical Geology
- GOL 241 - Mineralogy
- GOL 242 - Petrology
- GOL 338 - Structural Geology
- GOL 364 - Field Geology
- GOL 408 - Stratigraphy and Sedimentation
- GOL 435 - Introduction to Geophysics
- GOL 443 - Optical Mineralogy
- GOL 472- Field Methods

Plus nine additional hours of upper level geology courses chosen from the list below:

changing this from six to nine

- GOL 330 - Geomorphology
- GOL 332 - North American Geology
- GOL 361 - Invertebrate Paleontology
- GOL 410 - Engineering Geology
- GOL 420- Geochemistry
- GOL 449 - Ground Water

Discuss the rationale for the proposed changes:

The Geology Department recently found that the Geology General Track was short three hours from the required 120 hours. To remedy this short fall, we are proposing that an additional three hours of directed electives in geology be added to the curriculum. The additional three hours in geology coursework will help our majors be better prepared for the Texas Geoscientists Licensure Exam by having a broader knowledge base in geology.

How would the planned change affect students and/or other departments/disciplines?
It should have no effect on students in other departments/disciplines.

Please fill out the table if necessary and attach any additional supporting information that you feel would be helpful or necessary.

Dept. Chair  Date: 12/2/13

College Curriculum Chair _____ Date: _____

College Dean _____ Date: _____

Grad Dean/Univ Curr Chair _____ Date: _____

Please use the table below to detail major changes involving three or more classes or major curriculum realignments. Please double check that all information is accurate and that the hours add up correctly and consistently with prior information.

Current Program			Proposed Program		
Course	Hours	Change	Course	Hours	Change
GOL 131	4		GOL 131	4	
GOL 132	4		GOL 132	4	
GOL 241	4		GOL 241	4	
GOL 242	3		GOL 242	3	
GOL 338	3		GOL 338	3	
GOL 364	6		GOL 364	6	
GOL 408	3		GOL 408	3	
GOL 435	3		GOL 435	3	
GOL 443	3		GOL 443	3	
GOL 472	1		GOL 472	1	
	34			34	
Plus two	Class	From list	Plus three	Classes	From list
GOL 330	3		GOL 330	3	
GOL 332	3		GOL 332	3	
GOL 361	3		GOL 361	3	
GOL 410	3		GOL 410	3	
GOL 420	3		GOL 420	3	
GOL 449	3		GOL 449	3	
Total Hours	40		Total Hours	43	

Changes-- Add, Delete, Modify

Program Modification Form – Geology Environmental Track

Effective Year/Term: Fall 2014

College: Science and Mathematics

Department: Geology

Type of Change Requested (Click all that apply):

Change of required Courses ☒, Change in credit hours ☒

Addition of new Minor ☐, Concentration ☐

Deletion of Minor ☐, Concentration ☐

Is the requested program change dependent on the approval of any course modifications, additions, or deletions? No

If so, please list the proposed course changes below:

How many credit hours is the current program (if applicable) 121

How many credit hours will the new/modified program be 120

Are there any prerequisites that will not count toward the required hours for the major/minor? NO

If so, list the prerequisites, the number of credit hours, and an explanation

Course	Prerequisite for	Explanation

Detail the planned changes below:

Environmental Track

- GOL 131 - Introductory Geology
- GOL 132 - Historical Geology
- GOL 241 - Mineralogy
- GOL 242 - Petrology
- GOL 338 - Structural Geology
- GOL 364 - Field Geology
- GOL 408 - Stratigraphy and Sedimentation
- GOL 420 - Geochemistry
- GOL 449 - Ground Water
- GOL 472 -Field Methods

Plus nine additional hours of upper level geology courses chosen from the list below

changing from six to nine

- GOL 303 - Oceanography
- GOL 330 - Geomorphology
- GOL 350 - Environmental Geology
- GOL 435 - Introduction to Geophysics
- GOL 450 - Cave and Karst Systems
- GOL 451 - Hydrogeology Field Techniques

Discuss the rationale for the proposed changes:

The Geology Department recently found that the Geology Environmental Track was one hour over the required 120 hours. To remedy this overage, we are proposing to drop CHE 330 from the curriculum and add three hours of directed electives in geology to bring it up to 120 hours. The additional three hours in geology coursework will help our majors be better prepared for the Texas Geoscientists Licensure Exam by having a broader knowledge base in geology. It was decided that CHE 330 was not critical to the degree program.

How would the planned change affect students and/or other departments/disciplines? It should have no effect on students in other departments/disciplines.

Please fill out the table if necessary and attach any additional supporting information that you feel would be helpful or necessary.

Dept. Chair  Date: 12/2/13

College Curriculum Chair _____ Date: _____

College Dean _____ Date: _____

Grad Dean/Univ Curr Chair _____ Date: _____

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GOL 132	4		GOL 132	4	
GOL 241	4		GOL 241	4	
GOL 242	3		GOL 242	3	
GOL 338	3		GOL 338	3	
GOL 364	6		GOL 364	6	
GOL 408	3		GOL 408	3	
GOL 420	3		GOL 420	3	
GOL 449	3		GOL 449	3	
GOL 472	1		GOL 472	1	
Plus two	Class	From list	Plus three	Classes	From list
GOL 303	3		GOL 303	3	
GOL 330	3		GOL 330	3	
GOL 350	3		GOL 350	3	
GOL 435	3		GOL 435	3	
GOL 450	3		GOL 450	3	
GOL 451	3		GOL 451	3	
Total Hours	40		Total Hours	43	

Changes-- Add, Delete, Modify