



## General Geology (111201101)

### Course Syllabus

**3 Credit hours.** Introduction Earth Science, Earth Materials And Structure, External And Internal Processes.

#### Textbooks

1. Foundation of Earth Science, Lutgens & Tarbuck, 7th Edition.
2. Essentials of Geology, Marshak, Stephen. 3d Edition, W. W. Norton & Co.

### Topics Covered

| Week  | Topics                                                                                                                                                                     | Parts in Texts                                  |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| 1     | Introduction To Geology                                                                                                                                                    |                                                 |
| 2-6   | Earth Materials:<br>Minerals: Building Blocks Of Rocks<br>Rocks: Materials Of The Solid Earth                                                                              | Unit I<br>Chapter 1<br>Chapter 2                |
| 7-12  | Forces Within<br>Plate Tectonics: A Scientific Theory Unfolds<br>Restless Earth: Earthquakes, Geologic Structures, And Mountain Building<br>Fires Within: Igneous Activity | Unit III<br>Chapter 5<br>Chapter 6<br>Chapter 7 |
| 13-16 | Sculpturing Earth's Surface<br>Landscapes Fashioned by Water                                                                                                               | Unit II<br>Chapter 3                            |

### Evaluation

| Assessment Tool        | Expected Due Date                                      | Weight |
|------------------------|--------------------------------------------------------|--------|
| First and Second Exams | According to the University calendar                   | 50 %   |
| Final Exam             | According to the University final examination schedule | 50 %   |