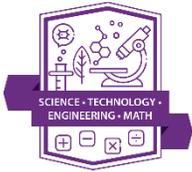


Certificate: Geographic Info Systems LCERT 25-26



ABOUT THIS MAJOR

A student completing the Geology Fundamentals Certificate will gain a solid grounding in the basic principles that underlie Geology. This certificate provides both academic preparation for and a pathway to internships. When

combined with further study, it will lead to the Geology Associate in Science Degree for Transfer (AS-T), and/or transfer. This certificate is intended to be completed at the beginning of a student's course of study, while they are at the freshman level. For more information, visit the [Mathematics, Sciences, and Engineering](#) division.

TO EARN A Certificate A STUDENT MUST COMPLETE THE FOLLOWING:

- [1] Completion of Major & Program Electives Courses
- [2] Minimum grade point average of 2.0
- [3] A C or better in all courses required for the major

Certificate- Geology Fundamentals [Total Unit Required in the Major 8]

Required Courses, choose one (3 units)	
GEOL101 - Physical Geology	3
GEOL101H - Physical Geology Honors	3

Required Courses, complete ALL courses (5 units)	
GEOL101L - Physical Geology Lab	1
GEOL102 - Historical Geology	3
GEOL102L - Historical Geology Laboratory	1

RECOMMENDED PATHWAY Geology Fundamentals Certificate

The Recommended Plan of Study is determined by the discipline faculty. Take classes in **Summer** or **Intersession** if needed to complete your degree in a timely manner!

Fall/Spring: Max 19 units | Summer: Max 9 units | Intersession: Max 6 units

Major

SEMESTER 1

Course	Units
<input checked="" type="checkbox"/> GEOL 101 OR GEOL 101H	3
<input checked="" type="checkbox"/> GEOL 101L	1
Total Units	4

SEMESTER 2

Course	Units
<input checked="" type="checkbox"/> GEOL 102	3
<input checked="" type="checkbox"/> GEOL 102L	1
Total Units	4

Total Certificate Units 8