## REQUIREMENTS FOR THE MASTER OF SCIENCE

### MEWBOURNE COLLEGE OF EARTH AND ENERGY

### THE UNIVERSITY OF OKLAHOMA

#### Academic Year

For Students Entering the Oklahoma State System for Higher Education

- **Summer 2023 through Spring 2024**

#### Minimum Total Hours (Thesis): 30

**Program Code: M475**

- *This degree is Thesis Only.*

### Required Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>GEOL 5001</td>
<td>Topics in Geosciences</td>
<td>1</td>
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</tbody>
</table>

#### Core Courses

Choose one letter-graded graduate-level course in three of the following seven "Core" areas:

- Sedimentary Geology
- Igneous and Metamorphic Petrology
- Geochemistry
- Paleontology/Paleobiology
- Geophysics
- Structural Geology
- Environmental/Hydrogeology

#### Science/Math/Engineering

Choose three hours of letter-graded graduate credit science, math or engineering courses (outside of geology and geophysics) as approved by the student’s thesis committee

#### Thesis

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>GEOL 5980</td>
<td>Research for Master’s Thesis</td>
<td>4</td>
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</tbody>
</table>

#### General Geology

Choose 13 hours of graduate coursework with advisor approval before enrolling in these courses. At least one course must be letter-graded.

#### Total Credit Hours

30

### Notes

Students must take 5 letter-graded courses. This means at least one course in addition to the Core and Science/Math/Engineering requirements must be letter-graded.

At least 14 hours (excluding thesis hours) must be in 5000 or 6000-level courses. Per course prerequisite, GEOL 6970 maximum is 20 credit hours.

Credit transferred from other institutions must meet specific criteria and is subject to certain limitations.

Courses completed through correspondence study may not be applied to the master’s degree.

To qualify for a graduate degree, students must achieve an overall grade point average of 3.0 or higher in the degree program coursework and in all resident graduate coursework attempted. A student must also have at least a 3.0 in all coursework (including undergraduate coursework if any).

Additional information for master’s degree students may be found in the Graduate College Bulletin.

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### General Requirements for all Master’s Degrees

The master’s degree requires the equivalent of at least two semesters of satisfactory graduate work and additional work as may be prescribed for the degree.

All coursework applied to the master’s degree must carry graduate credit.

Master’s degree programs which require a thesis consist of at least 30 credit hours. All non-thesis master’s degree programs require at least 30 credit hours.

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