PETROLEUM ENGINEERING, MS

Requirements for Students Matriculating in or before Academic Year 2020-2021. Learn more about Graduate College Academic Regulation 7.0 (http://catalog.okstate.edu/graduate-college/#70).

Total Hours: 30 Hours

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PETE 5313</td>
<td>Advanced Drilling Modeling and Simulation</td>
<td>3</td>
</tr>
<tr>
<td>PETE 5333</td>
<td>Advanced Production and Flow Assurance</td>
<td>3</td>
</tr>
<tr>
<td>PETE 5373</td>
<td>Advanced Well Stimulation</td>
<td>3</td>
</tr>
</tbody>
</table>

Hours Subtotal: 9

**Thesis**

PETE 5000 Master's Thesis 6

Hours Subtotal: 6

**Electives**

Graduate-approved elective (PETE or other) courses, selected by the student with approval of the student's advisor. 15

**Suggested Elective Courses**

- **Petroleum Engineering (PETE) Courses**
  - PETE 5303 Petroleum Geomechanics
  - PETE 5343 Advanced Reservoir Engineering
  - PETE 5363 Petroleum Economics and Investments
  - PETE 5413 Advanced Well Design and Operational Analysis
  - PETE 5513 Directional Drilling
  - PETE 5613 Advanced Well Completions

- **Mathematics (MATH) and Statistics (STAT) Courses**
  - 5000-level advanced mathematics courses as approved by advisor
  - 5000-level advanced statistics courses as approved by advisor

- **Other courses**
  - Any 4000-level course in PETE, MATH and STAT must be pre-approved by advisor as part of the plan of study.

Hours Subtotal: 15

Total Hours: 30

Graduate College Master's Program Requirements

Learn more about Graduate College 2020-2021 Master's Degree Program Requirements (http://catalog.okstate.edu/graduate-college/). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.