PETROLEUM ENGINEERING, MS

Requirements for Students Matriculating in or before Academic Year 2019-2020. Learn more about Graduate College Academic Regulation 7.0 (http://catalog.okstate.edu/graduate-college).

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>
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<tr>
<td><strong>Hours Subtotal</strong></td>
<td></td>
<td><strong>9</strong></td>
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<tr>
<td>PETE 5000</td>
<td>Master's Thesis</td>
<td>6</td>
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<tr>
<td><strong>Hours Subtotal</strong></td>
<td></td>
<td><strong>6</strong></td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td></td>
<td><strong>15</strong></td>
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</tbody>
</table>

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

**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

**General Graduate College Requirements**

- A minimum Grade-Point-Average of 3.00 is required
- A minimum Grade of "C" is required in all degree applicable courses
- No courses utilizing the Pass-No Pass grading system are permitted
- GRAD 5082 or GRAD 5092 may not be used to meet degree requirements

**Additional Graduate College Masters Degree Requirements**

**Plan I (coursework with thesis)**

- A minimum of 30 credit hours
  - A minimum of 24 coursework credit hours comprised of:
    - 6 research or creative component credit hours
    - 21 in-residence credit hours (maximum of 9 transfer credit hours with "B" or better)
    - 21 credit hours at 5000- or 6000-level

- A minimum of 32 credit hours
  - A maximum of 3 credit hours of research or creative component
  - A minimum of 23 in-residence credit hours (maximum of 9 transfer credit hours with "B" or better)
  - A minimum of 21 credit hours at the 5000- or 6000-level