M.S., PETROLEUM ENGINEERING

- Complete the following admission requirement:
  
a. Complete a B.S. degree in engineering or the natural sciences.

Minimum Requirements for Degree: 30-36 credits

<table>
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<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td></td>
<td>General University Requirements</td>
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<td>Complete the general university requirements. (<a href="http://catalog.uaf.edu/graduate/mastersdegrees/#generaluniversityrequirementstext">http://catalog.uaf.edu/graduate/mastersdegrees/#generaluniversityrequirementstext</a>)</td>
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<td>Complete four from the following:</td>
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<tr>
<td>PETE F607</td>
<td>Advanced Production Engineering</td>
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<tr>
<td>PETE F608</td>
<td>Flow Assurance in the Petroleum Industry</td>
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<td>PETE F610</td>
<td>Advanced Reservoir Engineering</td>
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<td>PETE F621</td>
<td>Applied Reservoir Characterization</td>
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<td>PETE F630</td>
<td>Waterflooding</td>
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<td>PETE F645</td>
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<td>PETE F656</td>
<td>Advanced Petroleum Economic Analysis</td>
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<td>PETE F661</td>
<td>Applied Well Testing</td>
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<td>PETE F662</td>
<td>Enhanced Oil Recovery</td>
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<td>PETE F663</td>
<td>Applied Reservoir Simulation</td>
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<td>PETE F665</td>
<td>Advanced Phase Behavior</td>
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<td>PETE F666</td>
<td>Drilling Optimization</td>
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<td>PETE F670</td>
<td>Fluid Flow Through Porous Media</td>
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<td>PETE F680</td>
<td>Horizontal Well Technology</td>
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<td>PETE F683</td>
<td>Natural Gas Processing and Engineering</td>
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<td>PETE F685</td>
<td>Non-Newtonian Fluid Mechanics</td>
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<td>PETE F689</td>
<td>Multiphase Fluid Flow in Pipes</td>
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Options

NON-THESIS OPTION

Minimum Requirements for Degree: 36 credits

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<td>Non-thesis Research/Project</td>
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Options

THEESIS OPTION

Minimum Requirements for Degree: 30 credits

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