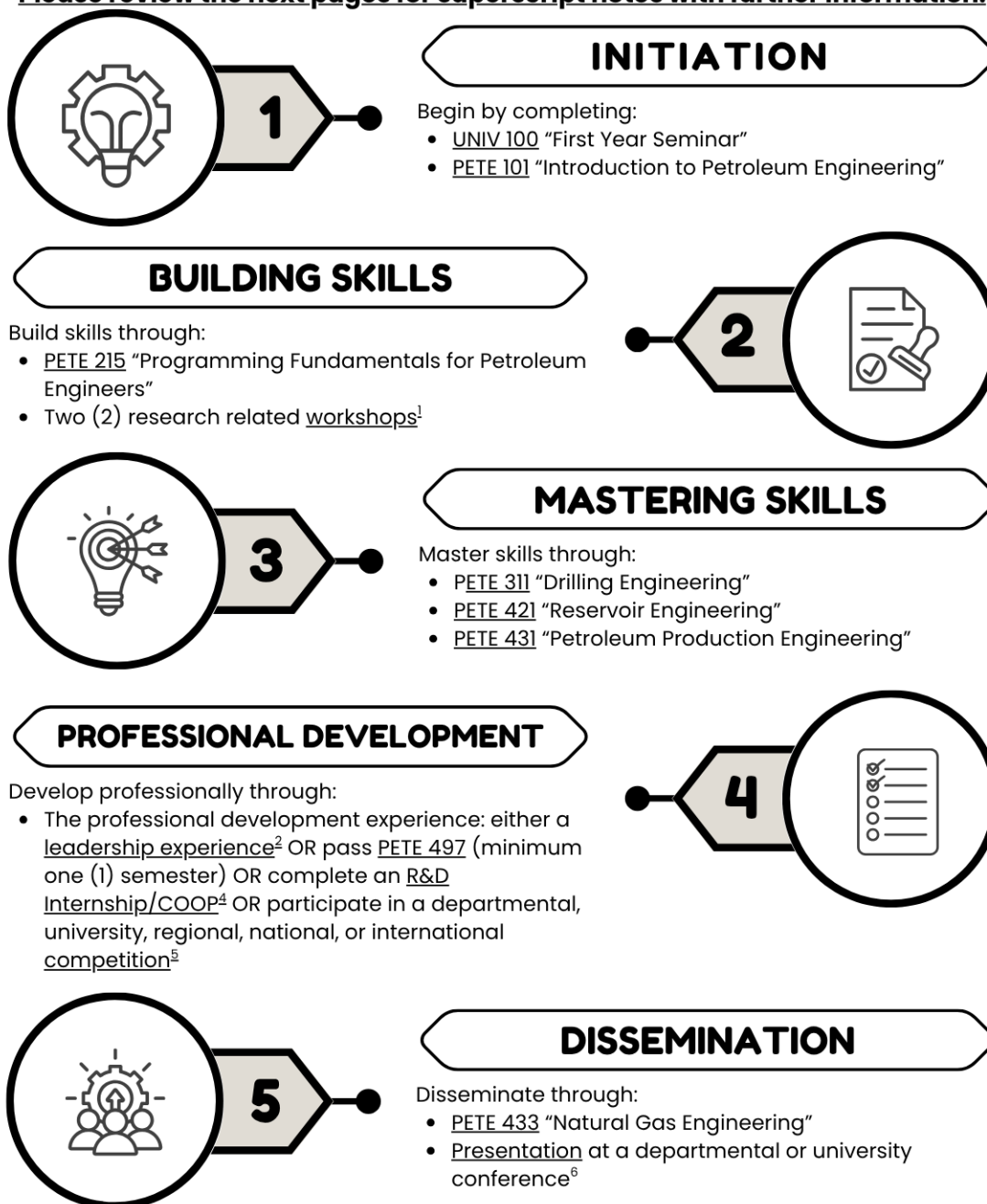


# ASRE PATHWAY OF DISTINCTION IN PETROLEUM ENGINEERING

This is a general idea of the steps to complete an ASRE Pathway. The goal of this program is for students to begin during their freshman year and complete requirements throughout their college career. There is flexibility in the timeframe, but all requirements must be complete prior to graduation.

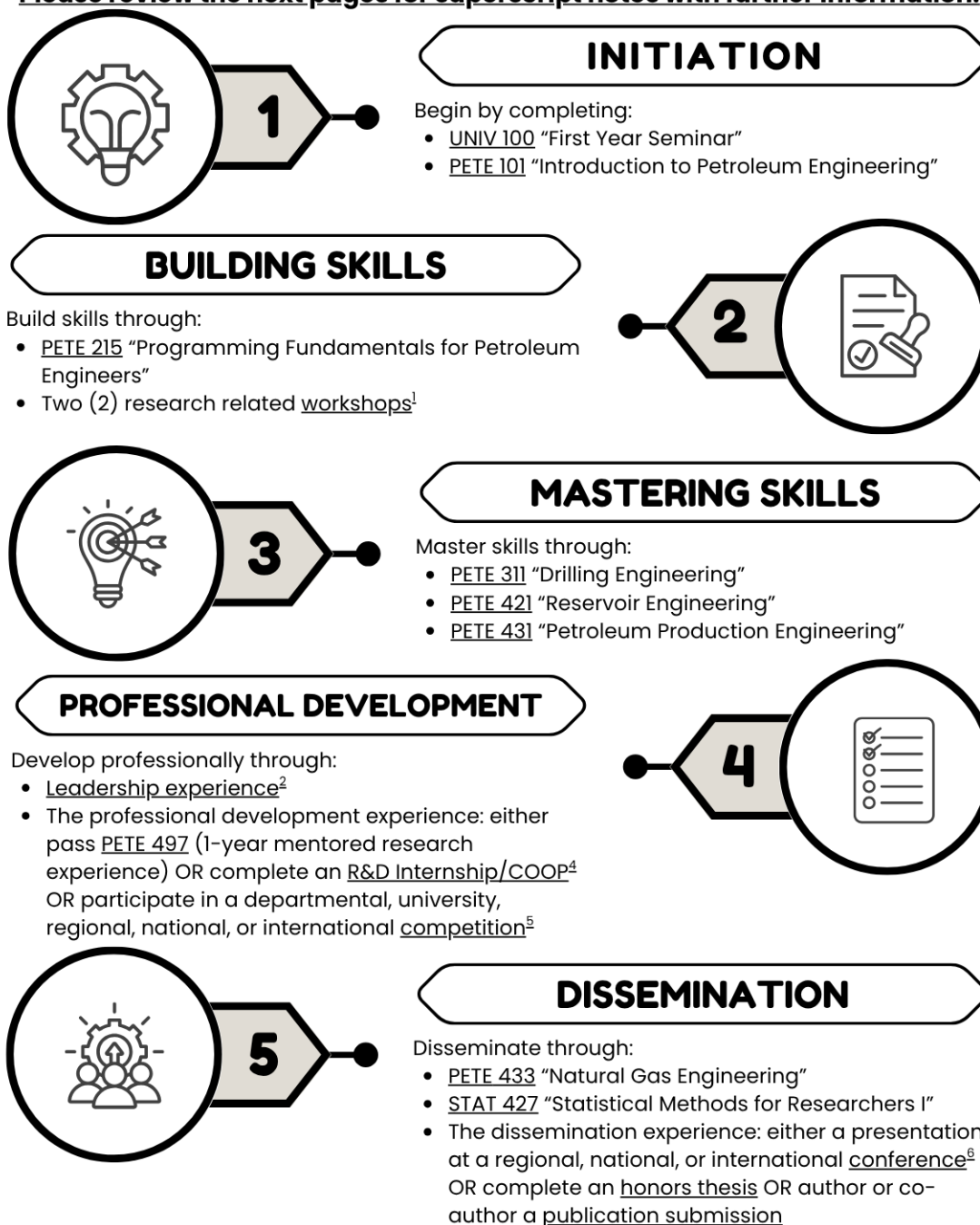
**Please review the next pages for superscript notes with further information.**



# ASRE PATHWAY OF EXCELLENCE IN PETROLEUM ENGINEERING

This is a general idea of the steps to complete an ASRE Pathway. The goal of this program is for students to begin during their freshman year and complete requirements throughout their college career. There is flexibility in the timeframe, but all requirements must be complete prior to graduation.

**Please review the next pages for superscript notes with further information.**



STUDENT VIEW

See the next page for superscript notes with more information.

| Advance SRE Pathway of <b><u>Distinction</u></b><br>Curricular* and Co-curricular Events Required   | Advance SRE Pathway of <b><u>Excellence</u></b><br>Curricular* and Co-curricular Events Required   |
|---|--|
| <p><b>Curricular</b></p> <ol style="list-style-type: none"> <li>1. UNIV 100</li> <li>2. PETE 101</li> <li>3. PETE 215</li> <li>4. PETE 311</li> <li>5. PETE 421</li> <li>6. PETE 431</li> <li>7. PETE 433</li> </ol> <p><b>Co-Curricular</b></p> <ol style="list-style-type: none"> <li>8. Two (2) approved <u>workshops</u><sup>1</sup></li> <li>9. <u>Professional Development</u><br/>Leadership Experience<sup>2</sup></li> </ol> <p><b>OR</b></p> <p>PETE 497 (minimum one (1) semester)</p> <p><b>OR</b></p> <p>R&amp;D Internship/COOP<sup>4</sup></p> <p><b>OR</b></p> <p>Competition<sup>5</sup></p> <li>10. <u>Presentation</u> at departmental or university conference<sup>6</sup></li> | <p><b>Curricular</b></p> <ol style="list-style-type: none"> <li>1. UNIV 100</li> <li>2. PETE 101</li> <li>3. PETE 215</li> <li>4. PETE 311</li> <li>5. PETE 421</li> <li>6. PETE 431</li> <li>7. PETE 433</li> <li>8. STAT 427</li> </ol> <p><b>Co-Curricular</b></p> <ol style="list-style-type: none"> <li>9. Two (2) approved <u>workshops</u><sup>1</sup></li> <li>10. <u>Leadership Experience</u><sup>2</sup></li> <li>11. <u>Professional Development</u><br/>PETE 497 (1-year mentored research experience)<sup>3</sup></li> </ol> <p><b>OR</b></p> <p>R&amp;D Internship/COOP<sup>4</sup></p> <p><b>OR</b></p> <p>Competition<sup>5</sup></p> <li>12. <u>Dissemination</u><br/>Presentation at national or international conference<sup>6</sup></li> <p><b>OR</b></p> <p>Honors Thesis</p> <p><b>OR</b></p> <p>Publication submission (author or co-author)</p> |

## Petroleum Engineering ADVANCE SRE Pathways

### Superscript Notes:

\* ASRE-approved courses only. Students who have earned credits for a course that is not ASRE approved may petition to substitute that course with a 300 or 400 level course identified as providing research skill. The SCRCS Advance office will review the petition for approval. Approved substitutions are only to complete an Advance Pathway and are not approved as substitutions for the degree.

<sup>1</sup>Approved workshops can include, but are not limited to SCRCS, library, or university workshops. SCRCS Advance Workshops can be found on the UL Lafayette SCRCS website. 1 in-person SCRCS workshop is equivalent to 2 virtual SCRCS workshops. Other workshops focused on research skills are possible by approval from the Petroleum Engineering department.

<sup>2</sup>Leadership experience includes, but is not limited to, departmental service events, officership in a departmental club, SGA officership, and student tutor/mentorship. Examples could include being an engineering ambassador.

<sup>3</sup>Mentored research includes but is not limited to internal or external to UL Lafayette, volunteer, scholarship, paid from grants, MUREs (mentored undergraduate research experiences), SUREs (summer undergraduate research experiences), URAP Apprentice.

<sup>4</sup>COOP/Internship may be internal or external to UL Lafayette. PETE 399 could count.

<sup>5</sup>Participation in competition is required. Departmental, university, regional, national or international competitions will count. Examples: Petrobowl, Drillbotics, Coding competition, Student Pitch Competition.

<sup>6</sup>Presentation may be poster or oral presentation.