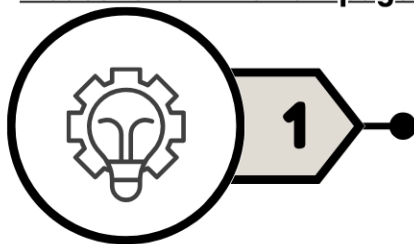


# ASRE PATHWAY OF DISTINCTION IN CIVIL ENGINEERING

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.**



1

## INITIATION

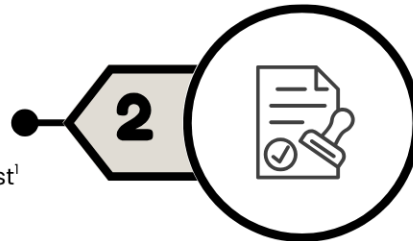
Begin by completing:

- UNIV 100 "First Year Seminar"

## BUILDING SKILLS

Build skills through:

- CIVE 101 "Introduction to Civil Engineering"
- Two (2) 200, 300, or 400 level approved courses from list<sup>1</sup>

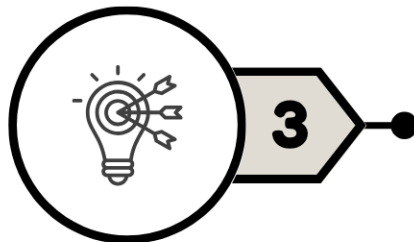


2

## MASTERING SKILLS

Master skills through:

- ENGT 103 "Introductory Graphics"
- CIVE 225 "Surveying"
- CIVE 328 "Geotechnical Engineering"
- One (1) 400 level approved course identified under skills from list<sup>2</sup>

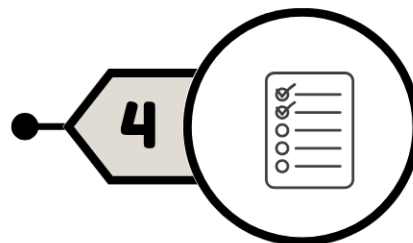


3

## PROFESSIONAL DEVELOPMENT

Develop professionally through:

- The professional development experience: either a leadership experience<sup>4</sup> OR participate in a departmental, university, regional, national, or international competition<sup>5</sup>

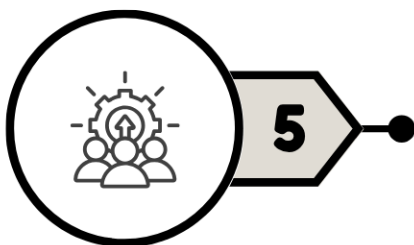


4

## DISSEMINATION

Disseminate through:

- CIVE 442 "Senior Civil Engineering Design"
- The dissemination experience: either a presentation at a university, regional, national, or international conference<sup>8</sup> OR complete an E&T Week paper presentation OR complete an honors thesis

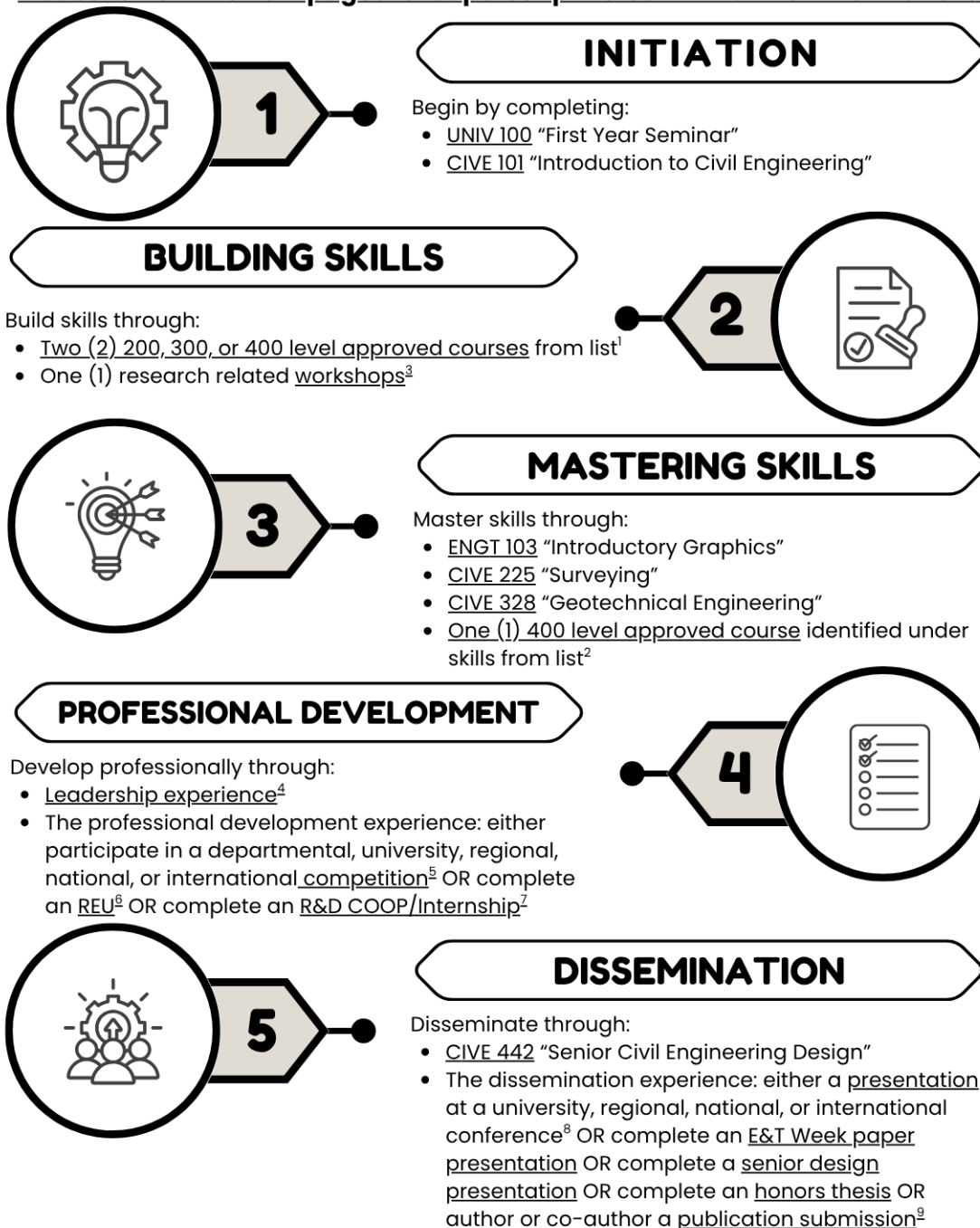


5

# ASRE PATHWAY OF EXCELLENCE IN CIVIL 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> Curricular and Co-curricular* Events Required	Advance SRE Pathway of <b><u>Excellence</u></b> Curricular and Co-curricular* Events Required
<p><b>Curricular</b></p> <ol style="list-style-type: none"> <li>1. UNIV 100</li> <li>2. CIVE 101</li> <li>3. Two (2) 200, 300, or 400 level approved courses<sup>1</sup></li> <li>4. ENGT 103</li> <li>5. CIVE 225</li> <li>6. CIVE 328</li> <li>7. One (1) 400 level approved course identified under skills<sup>2</sup></li> <li>8. CIVE 442</li> </ol> <p><b>Co-curricular</b></p> <ol style="list-style-type: none"> <li>9. <u>Professional Development Leadership Experience</u><sup>4</sup></li> </ol> <p><b>OR</b></p> <p>Competition<sup>5</sup></p> <ol style="list-style-type: none"> <li>10. <u>Dissemination</u> Presentation at a university, regional, national, or international conference<sup>8</sup></li> </ol> <p><b>OR</b></p> <p>E&amp;T Week Paper Presentation</p> <p><b>OR</b></p> <p>Honors Thesis</p>	<p><b>Curricular</b></p> <ol style="list-style-type: none"> <li>1. UNIV 100</li> <li>2. CIVE 101</li> <li>3. Two (2) 200, 300, or 400 level approved courses<sup>1</sup></li> <li>4. ENGT 103</li> <li>5. CIVE 225</li> <li>6. CIVE 328</li> <li>7. One (1) 400 level approved course identified under skills<sup>2</sup></li> <li>8. CIVE 442</li> </ol> <p><b>Co-curricular</b></p> <ol style="list-style-type: none"> <li>9. One (1) approved <u>workshop</u><sup>3</sup></li> <li>10. <u>Leadership Experience</u><sup>4</sup></li> <li>11. <u>Professional Development Competition</u><sup>5</sup></li> </ol> <p><b>OR</b></p> <p>REU<sup>6</sup></p> <p><b>OR</b></p> <p>R&amp;D COOP/Internship<sup>7</sup></p> <ol style="list-style-type: none"> <li>12. <u>Dissemination</u> Presentation at a university, regional, national, or international conference<sup>8</sup></li> </ol> <p><b>OR</b></p> <p>E&amp;T Week Paper Presentation</p> <p><b>OR</b></p> <p>Senior Design Presentation</p> <p><b>OR</b></p> <p>Honors thesis</p> <p><b>OR</b></p> <p>Peer Reviewed Publication submission<sup>9</sup></p>

## Civil 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 course identified as providing research skill. The SCRCs Advance office will review the petition for approval. Approved substitutions are only for the purpose of completing an Advance Pathway and are not approved as substitution for the degree.

<sup>1</sup> Choose from ENGR 220, CIVE 322, CIVE 332, CIVE 345, CIVE 429, or CIVE 438

<sup>2</sup> Choose from CIVE 422, CIVE 426, CIVE 427, CIVE 434, or CIVE 450

<sup>3</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 Civil Engineering.

<sup>4</sup> Leadership Experiences include, but are not limited to, departmental service events, officership in departmental club, SGA officership, or student tutor/mentorship.

<sup>5</sup> Participation in competition required. Departmental, university, regional, national, or international competitions will count.

<sup>6</sup> REU is a 10-week research intensive experience for undergraduates sponsored by the National Science Foundation.

<sup>7</sup> Internship could be internal or external to UL Lafayette. CIVE 415 would count.

<sup>8</sup> Presentation may be poster or oral presentation.

<sup>9</sup> May be author or co-author.