

Chemical Engineering ADVANCE SRE Pathways

Advance SRE Pathway of <u>Distinction</u> Curricular* and Co-curricular Events Required	Advance SRE Pathway of <u>Excellence</u> Curricular* and Co-curricular Events Required
<p>Curricular</p> <ol style="list-style-type: none"> 1. UNIV 100 2. CHEE 101 3. CHEM 115 4. CHEM 233 5. CHEE 403 6. CHEE 404 7. CHEE 413 8. CHEE 408 <p>Co-Curricular</p> <ol style="list-style-type: none"> 9. <u>Professional Development</u> Competition (Professional Organization Activity)² OR REU³ OR R&D COOP/Internship⁵ 10. <u>Presentation</u> at departmental, university, regional, national, or international conference⁶ 	<p>Curricular</p> <ol style="list-style-type: none"> 1. UNIV 100 2. CHEE 101 3. CHEM 115 4. CHEM 233 5. CHEE 403 6. CHEE 404 7. CHEE 413 8. CHEE 408 <p>Co-Curricular</p> <ol style="list-style-type: none"> 9. One (1) approved <u>workshop</u>¹ 10. <u>Competition</u> (Professional Organization Activity)² 11. <u>Professional Development</u> CHEE 411/412 – (minimum 3 credits) OR 1-year mentored research experience⁴ OR REU³ OR R&D COOP/Internship⁵ 12. <u>Presentation</u> at departmental, university, regional, national, or international conference⁶ 13. <u>Dissemination</u> Honors Thesis OR Peer reviewed publication submission (author or co-author) OR Presentation at regional, national, or international conference.⁷

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* 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 CHEE 300 or 400 level course identified by the Chemical Engineering department. 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.

¹Approved 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 Chemical Engineering department.

² Participation in competition required. Departmental, university, regional, national, or international competitions will count. Examples: AIChE (the American Institute of Chemical Engineers), VerTech

³REU is a 10-week research intensive experience for undergraduates sponsored by the National Science Foundation.

⁴Student should be involved in 1 year of mentored research at UL Lafayette. Mentored research includes, but is not limited to, volunteer, scholarship, paid from faculty grants, MUREs (mentored undergraduate research experience), or SUREs (summer undergraduate research experience).

⁵COOP or internship must be external to UL Lafayette.

⁶Presentation may be poster or oral presentation.

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