

Mechanical 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. MCHE 103 3. MCHE 201 4. ENGR 220 5. MCHE 357 6. MCHE 358 7. MCHE 362 8. MCHE 363 9. MCHE 365 10. MCHE 467 11. MCHE 469 12. MCHE 484 <p>Co-curricular</p> <ol style="list-style-type: none"> 13. Two (2) approved <u>workshops</u>¹ 14. <u>Professional Development Leadership Experience</u>² <p>OR</p> <p>REU³</p> <p>OR</p> <p>Competition⁴</p> <ol style="list-style-type: none"> 15. <u>Presentation</u> at a departmental, university, regional, national, or international conference 	<p>Curricular</p> <ol style="list-style-type: none"> 1. UNIV 100 2. MCHE 103 3. MCHE 201 4. ENGR 220 5. MCHE 357 6. MCHE 358 7. MCHE 362 8. MCHE 363 9. MCHE 365 10. MCHE 467 11. MCHE 469 12. MCHE 484 <p>Co-curricular</p> <ol style="list-style-type: none"> 13. Two (2) approved <u>workshops</u>¹ 14. <u>Leadership Experience</u>² 15. <u>Professional Development</u> <p>REU³</p> <p>OR</p> <p>Competition⁴</p> <p>OR</p> <p>COOP/Internship⁵</p> <ol style="list-style-type: none"> 16. <u>Dissemination</u> <p>Presentation at a regional, national, or international conference</p> <p>OR</p> <p>Publication submission (author or co-author)</p> <p>OR</p> <p>Honors Thesis</p>

Mechanical Engineering ADVANCE SRE Pathways

* 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 300 or 400 level 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.

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 Mechanical Engineering department.

²Leadership experience include, but are not limited to, departmental service events, officership in departmental club, SGA officership, student tutor/mentor. Examples of clubs include, but are not limited to, ASME, ASHRAE, BMES, NSBE, SME, SWE.

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

⁴Participation in competition is required. Departmental, university, regional, national, or international competitions will count.

⁵COOP/Internship may be internal or external to UL Lafayette. MCHE 399 would be accepted for this requirement.