

Chemistry 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. CHEM 107 3. CHEM 108 4. Two (2) CHEM Lecture Courses¹ 5. CHEM 115 6. Two (2) CHEM Lab Courses³ 7. CHEM 362 8. CHEM 462 <p>Co-curricular</p> <ol style="list-style-type: none"> 9. One (1) approved <u>workshop</u>⁵ 10. <u>Dissemination</u> Presentation at a departmental, university, regional, national, or international conference <p>OR</p> <p>Peer-reviewed manuscript submission⁹</p>	<p>Curricular</p> <ol style="list-style-type: none"> 1. UNIV 100 2. CHEM 107 3. CHEM 108 4. Two (2) CHEM Lecture Courses² 5. CHEM 115 6. Two (2) CHEM Lab Courses⁴ 7. CHEM 362 8. CHEM 462 <p>Co-curricular</p> <ol style="list-style-type: none"> 9. Two (2) approved <u>workshops</u>⁵ 10. <u>Professional Development</u> Mentored Research⁶ <p>OR</p> <p>Internship⁷</p> <ol style="list-style-type: none"> 11. <u>Leadership Experience</u>⁸ 12. <u>Dissemination</u> Co-author on peer-reviewed publication⁹ <p>OR</p> <p>Honors thesis</p>

Chemistry 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.

¹Choose TWO (2) from list: CHEM 221, CHEM 231, CHEM 232, CHEM 251, CHEM 301, CHEM 302, CHEM 317, or CHEM 320

²Choose TWO (2) from list: CHEM 221, CHEM 231, CHEM 232, CHEM 251, CHEM 301, CHEM 302, CHEM 317, CHEM 320, CHEM 401, CHEM 417, CHEM 430, CHEM 432, or CHEM 451

³Choose TWO (2) from list: CHEM 222, CHEM 233, CHEM 234, CHEM 252, CHEM 311, or CHEM 319

⁴Choose TWO (2) from list: CHEM 222, CHEM 233, CHEM 234, CHEM 252, CHEM 311, CHEM 312, CHEM 319, CHEM 430, or CHEM 452

⁵Approved 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 Chemistry department.

⁶Mentored research includes but is not limited to volunteer, scholarship, paid from faculty grants, MUREs (mentored undergraduate research experience), SUREs (summer undergraduate research experience).

⁷Internship could be internal or external to UL Lafayette.

⁸Leadership experience includes but is not limited to departmental service events, officership in departmental club, SGA member, or student tutor/mentorship.

⁹Must be co-authored. A faculty mentor can petition for an exception to this requirement, for instance, if a manuscript is in preparation. The chemistry faculty will evaluate these requests.