

Pathway of Distinction

Curricular

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 for the purpose of completing an Advance Pathway and are not approved as substitution for the degree.

- 1.UNIV 100
- 2.PHYS 191 **AND** 192
- 3.PHYS 291 **AND** 292
- 4.PHYS 391 **AND** 392
- 5.PHYS 497
- 6.PHYS 498
- 7.PHYS 461
- 8.PHYS 491
- 9.PHYS 492

Co-curricular

10. Two (2) approved workshops

- 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 Physics department.

11. Professional Development

Mentored Research

- Mentored research includes but is not limited to, volunteer, scholarship, paid from grants, MUREs (mentored undergraduate research experience), or SUREs (summer undergraduate research experience). Mentored research will **NOT** include PHYS 461, PHYS 462, PHYS 497, or PHYS 498.

OR

Internship

- Internships may be internal or external to UL Lafayette.

OR

Professional training

- Professional training could include 2-week summer schools or university/research laboratory visits to master use of scientific instrument or computational model.

OR

REU

- REU is a 10-week research intensive experience for undergraduates sponsored by the National Science Foundation or other Federal agencies/laboratories.

12. Presentation at a university or regional conference

Pathway of Excellence

Curricular

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2. PHYS 191 **AND** 192
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8. PHYS 462
9. PHYS 491
10. PHYS 492

Co-curricular

11. Three (3) approved Workshops

- 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 Physics department.

12. Leadership Experience

- Leadership experience includes, but are not limited to, departmental service events (such as Science Day, outreach activities), student's officership in professional organizations or societies (such as SPS), SGA officership, student tutor/mentor.

13. Professional Development

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AND

Internship

- Internships may be internal or external to UL Lafayette.

AND

Professional training

- Professional training could include 2-week summer schools or university/research laboratory visits to master use of scientific instrument or computational model.

OR

REU

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14. Dissemination

Presentation at a national or international conference

OR

Honors thesis

OR

Publication submission

- Must be co-author