

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. 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. MATH 360
3. MATH 462
4. STAT 425

Co-curricular

5. One (1) approved workshop

- 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. One (1) in-person SCRCs workshop is equivalent to two (2) virtual SCRCs workshops. Other workshops focused on research skills are possible with approval from the Mathematics Undergraduate Research Committee.

6. Professional Development

Leadership Experience

- Leadership experience includes but is not limited to, departmental service events, officership in departmental club, SGA officership, or student tutor/mentor. For departmental service events to count as leadership experience, students must assume a leadership role, such as planning, organizing, or implementing the event or activity. Credit will not be given for attendance only. Examples of departmental service events include Science Day, STEM Saturdays, Preview Days, or other outreach activities.

OR

Mentored Research

- Mentored research includes, but is not limited to, MUREs, SUREs.

OR

Internship

- Internship could be internal or external to UL Lafayette. The Advance committee must approve all internships.

OR

REU

- An REU is a research-intensive experience for undergraduates sponsored by the National Science Foundation or other Federal agencies/laboratories. The Advance committee will evaluate the mentored research based on the research product submitted by students and input from their mentor.

7. Dissemination

Presentation at a departmental, university, regional, national, or international conference

- Presentation includes but is not limited to, participation in a poster session or an oral presentation for the department, college, university or a conference.

OR

Competition

- Competition participation at a departmental, university, regional, national, or international event. Participation is required. Credit will not be given or attendance only.

Pathway of Excellence

Curricular

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1. UNIV 100
2. MATH 360
3. MATH 462
4. STAT 425
5. Two (2) of the approved MATH/STAT courses
 - Choose from MATH 497, MATH 498, MATH 499, STAT 497, STAT 498, or STAT 499

Co-curricular

6. 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. One (1) in-person SCRCs workshop is equivalent to two (2) virtual SCRCs workshops. Other workshops focused on research skills are possible with approval from the Mathematics Undergraduate Research Committee.

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8. Dissemination Part 1

Presentation at a departmental or university conference

- Presentation includes but is not limited to, participation in a poster session or an oral presentation for the department, college, university or a conference.

OR

Competition

- Competition participation at a departmental, university, regional, national, or international event. Participation is required. Credit will not be given or attendance only.

9. Dissemination Part 2

Presentation at a regional, national, or international professional conference

- Presentation includes but is not limited to, participation in a poster session or an oral presentation for the department, college, university or a conference.

OR

Honor's thesis

- Honors Thesis or Thesis defended in the Department of Mathematics (minimum of two faculty).

OR

Peer reviewed manuscript submission

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