HEALTH DATA SCIENCE GRADUATE PATHWAY

Saint Louis University’s Health Data Science Graduate Pathway program prepares students to enter the next semester of our Master of Science in Health Data Science degree program. Upon successful completion of the Graduate Pathway program and meeting University requirements for graduate admission, students may enter the next semester of graduate study.

Program Entry Requirements

**Accelerated Pathway (One-Semester Program)**
- Undergraduate degree or equivalent in mathematics, statistics, computer science, biology or a closely related field
- 2.75 GPA on a 4.0 scale
- Previous course work in calculus, computer science and/or statistics
- Current resume
- Language requirement:
  - TOEFL iBT 75 (17+ sub-scores in reading and writing) or
  - IELTS 6.0 (6.0+ sub-scores in reading and writing) or
  - PTEA 50
  - Duolingo 100

**Standard Pathway (Two-Semester Program)**
- Undergraduate degree or equivalent in mathematics, statistics, computer science, biology or a closely related field
- 2.75 GPA on a 4.0 scale
- Previous course work in calculus, computer science and/or statistics
- Current resume
- Language requirement:
  - TOEFL iBT 70 (13+ sub-scores in reading and writing) or
  - IELTS 6.0 (5.5+ sub-scores in reading and writing) or
  - PTEA 48 or
  - Completion of AE Level 5
  - Duolingo 90

Learning Outcomes

1. Students will be able to execute a variety of verbal tasks in academic settings using English that can be understood by those unaccustomed to non-native speakers.
2. Students will be able to execute a variety of written tasks in academic settings using English that can be understood by those unaccustomed to non-native writers.
3. Students will be able to apply a process-driven approach to completing verbal and written academic assignments in multiple disciplines and modes.
4. Students will be able to deploy reflective and self-regulated learning strategies.

Requirements

One-Semester (Accelerated) Pathway

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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>EAP 4200</td>
<td>Advanced Reading and Writing as Researchers for...</td>
<td>3</td>
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<tr>
<td>EAP 4250</td>
<td>Advanced Listening and Speaking for International...</td>
<td>2</td>
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<tr>
<td>HDS 5310</td>
<td>Analytics and Statistical Programming</td>
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<tr>
<td>ORES 5300</td>
<td>Foundations of Outcomes Research I</td>
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Two-Semester (Standard) Pathway

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<td>HDS 5210</td>
<td>Programming for Health Data Scientists</td>
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Continuation Standards

- Minimum of 3.00 cumulative SLU GPA
- Grade of "B" or better in classes counting toward the degree
- No C/D/F/W/I/P/NP/S/U grades

Progression Requirements

- Minimum of 3.00 cumulative SLU GPA
- Grade of "B" or better in classes counting toward the degree
- No C/D/F/W/I/P/NP/S/U grades
- Successful completion of writing portfolio

Roadmap

Roadmaps are recommended semester-by-semester plans of study for programs and assume full-time enrollment unless otherwise noted.

Courses and milestones designated as critical (marked with !) must be completed in the semester listed to ensure a timely graduation. Transfer credit may change the roadmap.

This roadmap should not be used in the place of regular academic advising appointments. All students are encouraged to meet with their advisor/mentor each semester. Requirements, course availability and sequencing are subject to change.
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