

Bachelor of Science in Data Science & Analytics



Updated 5/24/2023

Catalog Year: 2023

Total Degree Credit Hours: 120

General Education Requirements (See Degreeworks for Prerequisites)

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|-----|--------------------------|---|--|
| A-1 | ENGL 1101 Composition I | 3 | |
| | ENGL 1102 Composition II | 3 | |
| A-2 | MATH 1113 | | |

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|--|------|--------|---|--|
| | 1107 | or TPS | 3 | |
|--|------|--------|---|--|

Area C: Humanities, Fine Arts, and Ethics (6 cr hrs)

Choose one course from each area.

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|-----|----------------------|--|---|--|
| D-1 | MATH 1190 Calculus I | | 4 | |
|-----|----------------------|--|---|--|

Area E: Social Sciences (12 credit hours)

Choose one course from each area for E-2, E-3, & E-4.

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|-----|---|--|---|--|
| | | | 3 | |
| E-3 | HIST 1100, 1111, or 1112 World History | | 3 | |
| E-4 | CRJU 1101, GEOG 1101, PSYC 1101, SOCI 1101, STS 1101, ANTH 1102, or ECON 2106 | | 3 | |

CSE 1321/L P AMCID 207 12BDC 6301.8 229.2 264.721 26.8795

Area F Lower Division Major Requirements

Prerequisites

| | | | |
|---|--|---|--|
| STAT 1401 Elementary Statistics or STAT 2332 Probability & Data Analysis | None | 3 | |
| | MATH 1190 | | |
| CSE 1321/L Programming & Problem Solving I | Lecture & Lab must be taken concurrently | 4 | |
| MATH 2202 Calculus II | MATH 1190 | 4 | |
| MATH 2345 Discrete Mathematics or CSE 2300 Discrete Structures for Computing | MATH 1113/1190 | 3 | |
| | CSE 1321/L and MATH 1113/1190 | | |

CSE 1321/L and CSE 1322/L must have a minimum grade of 'B.' All other courses must have minimum grade of 'C'.

*Concurrent prerequisite

