

DATA SCIENCE

Associate in Science

Total Degree Credits

61-62

General Education Courses

Arts & Humanities

| | |
|--|---|
| General Education Matrix (Arts & Humanities) | 3 |
| General Education Matrix (Arts & Humanities) | 3 |

Written Communications

| | | |
|-------------|--------------------------------------|---|
| ENGL 110 | College Composition I | 3 |
| ENGL 120 | College Composition II | 3 |
| or ENGL 125 | Introduction to Professional Writing | |

Oral Communications

| | | |
|----------|---------------------------------|---|
| COMM 110 | Fundamentals of Public Speaking | 3 |
|----------|---------------------------------|---|

Math, Science & Technology

| | | |
|--------------|--------------------------|-----|
| MATH 165 | Calculus I | 4 |
| MATH 166 | Calculus II | 4 |
| CHEM 121 | General Chemistry I | 3-4 |
| or BIOL 150 | General Biology I | |
| CHEM 121L | General Chemistry I Lab | 1 |
| or BIOL 150L | General Biology I Lab | |
| PHYS 251 | University Physics I | 4 |
| PHYS 251L | University Physics I Lab | 1 |

Social & Behavioral Sciences

| | | |
|---|------------------------------|---|
| ECON 201 | Principles of Microeconomics | 3 |
| General Education Matrix (Social & Behavioral Sciences) | | 3 |

Enrichment

Enrichment Course Matrix - may be fulfilled with applicable Arts & Humanities course

Diversity

General Education Matrix - may be fulfilled with applicable Arts & Humanities course or Social & Behavioral Sciences course

Total Credits

38-39

Data Science Courses

| | | |
|---------------|-----------------------------|----|
| CIS 185 | Introduction to Programming | 3 |
| CSCI 160 | Computer Science I | 4 |
| MATH 208 | Discrete Mathematics | 3 |
| MATH 210 | Elementary Statistics | 3 |
| MATH 220 | Probability and Statistics | 3 |
| MATH 227 | Applied Linear Algebra | 3 |
| MATH 265 | Calculus III | 4 |
| Total Credits | | 23 |

College Degree Requirements

General Education & Diversity Course Matrix Requirements