

Data Science Emphasis

| Code | Title | Credits |
|--|---|-----------|
| Supporting Courses | | 31 |
| COMP SCI 201 | Introduction to Computing & Internet Technologies | |
| COMP SCI 221 | Database Design & Management | |
| COMP SCI 231 | Introduction to IT Operations | |
| COMP SCI 240 | Discrete Mathematics | |
| COMP SCI 256 | Introduction to Software Design | |
| COMM 133 | Fundamentals of Public Address | |
| COMM 205 | Elements of Media | |
| COMM 290 | Communication Problems and Research Methods | |
| MATH 260 | Introductory Statistics | |
| Upper-level Courses | | 27 |
| INFO SCI 302 | Introduction to Data Science | |
| INFO SCI 308 | Information Technologies | |
| INFO SCI 361 | Introduction To Information Assurance & Security | |
| INFO SCI 410 | Advanced Information Problems | |
| INFO SCI 411 | Statistical Techniques and Decision Modeling | |
| INFO SCI 412 | Data Mining and Predictive Analytics | |
| COMP SCI 372 | Software Engineering | |
| COMP SCI 451 | Database Systems and Big Data Processing | |
| Elective Course - Three additional credits at the upper level in COMM, COMP SCI, or INFO SCI | | |
| Total Credits | | 58 |