

MINOR IN BIOINFORMATICS

Required Courses

The Bioinformatics minor requires a minimum of 15 credit hours of courses that are listed below and that are not required courses for a specific degree program.

| Code | Title | Credit Hours |
|--|--|--------------|
| Required Courses | | |
| BIOL 104 | Linux and Perl Programming | 3 |
| BIOL 105 | Introduction to Biology | 3 |
| BIOL 214 | Genetics | 3 |
| BIOL 413 | Genomics and Transcriptomics | 3 |
| CS 201 | Accelerated Introduction to Computer Science | 4 |
| CS 331 | Data Structures and Algorithms | 3 |
| Elective Courses | | |
| Select a minimum of six credit hours from the following: | | |
| BIOL 114 | Introduction to Human Biology | 3 |
| BIOL 420 | Population and Ecological Genetics | 3 |
| BIOL 445 | Cell Biology | 3 |
| CS 330 | Discrete Structures | 3 |
| CS 422 | Data Mining | 3 |
| CS 425 | Database Organization | 3 |
| MATH 425 | Statistical Methods | 3 |