**Science With a Computer Science Specialization** (AA&S)

Catalog Year 2023-2024

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Grade/Semester  Completed | |  | | Course # |  | Course Title | Cr |
|  |  | | **First Semester** | | | | |
| / | |  | | CSC 221 |  | Introduction to Problem Solving and Programming | 3 |
| / | |  | | ENG 111 |  | College Composition I | 3 |
| / | |  | | MTH 167 |  | Precalculus with Trigonometry | 5 |
| / | |  | |  |  | Natural Science Course with Lab I | 4 |
| / | |  | | SDV 100 |  | College Success Skills | 1 |
|  | |  | |  |  | **Total** | **16** |
|  |  | | **Second Semester** | | | | |
| / | |  | | CSC 205 |  | Computer Organization | 3 |
| / | |  | | ENG 112 |  | College Composition II | 3 |
| / | |  | | HIS |  | History Elective I | 3 |
| / | |  | | LIT |  | Literature Elective I2 | 3 |
|  | |  | | SOC |  | Social Science Elective | 3 |
|  | |  | |  |  | **Total** | **15** |
|  |  | | **Third Semester** | | | | |
| / | |  | | CSC 222 |  | Object Oriented Programming | 4 |
| / | |  | | HIS |  | History Elective II | 3 |
| / | |  | | HLT/PED |  | Physical Ed/Health | 1 |
| / | |  | | MTH 263 |  | Calculus I | 4 |
| / | |  | |  |  | Natural Science Course with Lab II | 4 |
|  | |  | |  |  | **Total** | **16** |
|  |  | | **Fourth Semester** | | | | |
| / | |  | | CSC 208 |  | Introduction to Discrete Structures | 3 |
| / | |  | | CSC 223 |  | Data Structures and Analysis of Algorithms | 4 |
| / | |  | | HUM |  | Humanities Elective | 3 |
| / | |  | | MTH 264 |  | Calculus II | 4 |
|  | |  | |  |  | **Total** | **14** |
|  | |  | |  |  |  |  |
| **Total Completed** | |  | |  |  |  | **61** |
|  | |  | |  |  |  |  |

Total Minimum Credits for the Associate of Arts & Sciences Degree Science With a Computer Science Specialization..............................................................................................................61