**Science With a Computer Science Specialization**

Catalog Year 2020-2021

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Grade/Semester  Completed | |  | | Course # |  | Course Title | Cr |
|  |  | | **General Education** | | | | |
| / | |  | | SDV 100 |  | College Success Skills | 1 |
| / | |  | | ENG 111 |  | College Composition I | 3 |
| / | |  | | ENG 112 |  | College Composition II | 3 |
| / | |  | |  |  | 3Approved Wellness Elective | 1 |
|  | |  | |  |  | HIS 101-102 History of Western Civilizations I-II OR  HIS 111-112 History of World Civilizations I-II OR | 6 |
| / | |  |
| / | |  | |  |  | HIS 121-122 United States History I – II |  |
| / | |  | |  |  | 4Literature I | 3 |
| / | |  | |  |  | 4Literature II | 3 |
| / | |  | |  |  | 5Social Science Requirement | 3 |
| / | |  | |  |  | 5Social Science Requirement | 3 |
|  | |  | |  |  |  |  |
|  |  | | **Computer Science and Mathematics** | | | | |
| / | |  | |  |  | 2 Natural Lab Science | 4 |
| / | |  | |  |  | 2 Natural Lab Science | 4 |
| / | |  | |  |  | 2 Natural Lab Science | 4 |
| / | |  | | CSC 201 |  | Computer Science I | 4 |
| / | |  | | CSC 202 |  | Computer Science II | 4 |
| / | |  | | CSC 205 |  | Computer Organization | 4 |
| / | |  | | MTH 167 |  | 1Precalculus with Trigonometry | 5 |
| / | |  | | MTH 263 |  | Calculus with Analytical Geometry I | 4 |
|  | |  | |  |  |  |  |
|  |  | | **Open Electives** | | | | |
| / | |  | | MTH 264 |  | Calculus with Analytical Geometry II | 4 |
|  | |  | |  |  |  |  |
| Total Completed | |  | |  |  |  | 63 |

1Other math courses are acceptable here. The MTH 263-MTH 264 Calculus sequence may be elected by students. As with all transfer degrees, students should select the math sequence which will be most helpful in transferring to their four year college.

2 Students must complete 12 credit hours of lab science coursework. Acceptable science courses are:

CHM 111-112 College Chemistry I-II

BIO 101-102 General Biology I-II

BIO 141-142 Human Anatomy and Physiology I-II

Acceptable 200 level laboratory science sequences are:

BIO 231-232 Human Anatomy and Physiology I-II

CHM 241-242 Organic Chemistry I-II with lab

PHY 201-202 General College Physics I-II

PHY 241-242 University Physics I-II

3This credit can be satisfied by a single 1 or more credit course in Health, Physical Education.

4Acceptable literature sequences are:

ENG 241-242 Survey of American Literature I-II  
ENG 243-244 Survey of English Literature I-II

5Students must complete a full-year of social science course-work by taking one of the following sequences:

ECO 201 or ECO 202, or  
PLS 211 and PLS 212, or  
SOC 200 and 1 sophomore level sociology course excluding SOC 202, or  
PSY 200 and 1 sophomore level psychology course excluding PSY 202