|  |  |  |  |
| --- | --- | --- | --- |
| First Year | | | |
| Fall Semester | **15** | **Spring Semester** | **15** |
| CPS 101 Introduction to Programming | 3 | MTH 115 Basic Statistics | 3 |
| MTH 65 Survey of Calculus | 3 | CPS 121 Computer Programming | 3 |
| PHL 100 Intro to Philosophy | 3 | Core | 3 |
| Writing Seminar | 3 | Core | 3 |
| Core | 3 | Core | 3 |
|  |  |  |  |
| Second Year | | | |
| Fall Semester | **15** | **Spring Semester** | **15** |
| MTH 116 Basic Statistics II | 3 | STA 255 Computational Stats | 3 |
| CPS 222 Data Structures | 3 | CPS 232 | 3 |
| DSC 100 Found. of Data Analytics I | 3 | DSC 101 Found. of Data Analytics II | 3 |
| Core | 3 | Core | 3 |
| Core | 3 | Core | 3 |
|  |  |  |  |
| Third Year | | | |
| Fall Semester | **16** | **Spring Semester** | **15** |
| DSC 300 Princ. and Tech. of Data Anal I | 3 | DSC 301 Princ. and Tech. of Data Anal II | 3 |
| ITS 200 Intro to IT Security | 3 | CPS 223 Appl. Networking Design | 3 |
| Core Science Lab | 4 | Data Science Elective | 3 |
| Core | 3 | Core | 3 |
| Free Elective | 3 | Free Elective | 3 |
|  |  |  |  |
| Fourth Year | | | |
| Fall Semester | **15** | **Spring Semester** | **15** |
| DSC 400 Data Analytics Practicum | 3 | Data Science Elective | 3 |
| CPS 310 Obj.-Oriented Programming | 3 | Free Elective | 3 |
| Data Science Elective | 3 | Free Elective | 3 |
| Core | 3 | Free Elective | 3 |
| Free Elective | 3 | Free Elective | 3 |
|  |  |  |  |
|  |  | *Required for Graduation* | *121* |