

College of Southern Maryland & West Virginia University



Associate of Science in Data Science A.S. leading to
Bachelor of Science in Data Science B.S.
Suggested Plan of Study



| College of Southern Maryland | Hours | WVU Equivalents | Hours |
|--|-------|---------------------------------|-------|
| Year One, 1 st Semester | | | |
| ENG 1010 | 3 | ENGL 101 | 3 |
| CSC 1100 | 3 | CS 110 (Repeat) | 3 |
| MTH 1015 | 3 | STAT 211 (Free Elective) | 3 |
| ITS 1055 | 3 | CIS 112 | 3 |
| Communication Course | 3 | Elective | 3 |
| TOTAL | 15 | | 15 |
| Year One, 2 nd Semester | | | |
| ENG 1020 | 3 | ENGL 102 | 3 |
| ITS 2480 | 3 | CS 2TC | 3 |
| MTH 1200 | 4 | MATH 155 | 4 |
| CHE 1200 & CHE 1200L (Biological/Physical Science) | 4 | CHEM 115 & CHEM 115L (Required) | 4 |
| TOTAL | 14 | | 14 |
| Year Two, 1 st Semester | | | |
| CSC 2591 | 4 | CS 110 & CS 110L | 4 |
| MTH 1210 | 4 | MATH 156 | 4 |
| Social/Behavioral Science | 3 | Elective | 3 |
| CHE 1210 & CHE 1210L (Biological/Physical Science) | 4 | CHEM 116 & CHEM 116L (Required) | 4 |
| TOTAL | 15 | | 15 |
| Year Two, 2 nd Semester | | | |
| CSC 2592 | 4 | CIS 2TC | 4 |
| ITS 2450 | 3 | CS 2TC | 3 |
| MTH 2500 | 3 | MATH 2TC | 3 |
| MTH 2200 (Recommended) | 4 | MATH 251 (Required) | 4 |
| Social/Behavioral Science | 3 | Elective | 3 |
| TOTAL | 17 | | 17 |

| West Virginia University | | | |
|--------------------------------------|----|--------------------------------------|----|
| Year Three, 1 st Semester | | Year Three, 2 nd Semester | |
| CS 111 & CS 111L | 4 | MATH 378 or MATH 420 | 3 |
| MATH 303 | 3 | STAT 312 | 3 |
| STAT 215 | 3 | CS 320 | 3 |
| DSCI 101 | 3 | DSCI 221 | 4 |
| | | DSCI 301 | 3 |
| TOTAL | 13 | TOTAL | 16 |
| Year Four, 1 st Semester | | Year Four, 2 nd Semester | |
| STAT 445 | 3 | DSCI 311 (Spring Only) | 3 |
| MATH 441 | 3 | Upper Division Elective (2) | 3 |
| DSCI 222 | 3 | Upper Division Elective (3) | 3 |
| DSCI 310 (Fall Only) | 3 | Upper Division Elective (4) | 3 |
| Upper Division Elective (1) | 3 | | |
| TOTAL | 15 | TOTAL | 12 |
| Year Five, 1 st Semester | | Year Five, 2 nd Semester | |
| DSCI 410 (Fall Only) | 3 | DSCI 480 (Spring Only) | 3 |
| DSCI 450 (Fall Only) | 3 | | |
| TOTAL | 6 | TOTAL | 3 |

Students who have completed 30 or more credits must have completed MAT 1200 (MATH 155) with C- or higher and have earned a 2.0 overall GPA.

Due to the sequential nature of the Data Science program, students would encounter part-time terms in their last year of the program. Student may wish and would need to work with their faculty advisor to declare an appropriate minor to assist in reaching full-time status.

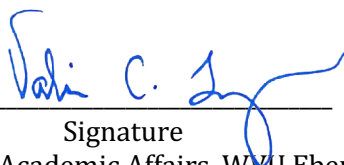
Students transferring to West Virginia University with an Associate of Arts or Associate of Science degree will have satisfied the General Education Foundation requirements at WVU.

Students who have questions about admission into their intended program, GEF requirements, or any other issue relating to academics at West Virginia University should contact the Office of Undergraduate Education at WVU.

The above transfer articulation of credit between West Virginia University and College of Southern Maryland, is approved by the Dean, or the Dean's designee, and effective the date of the signature.

Valérie Lastinger

Print Name



Signature

1/31/25

Date

Valerie Lastinger Ph. D. Associate Dean of Academic Affairs, WVU Eberly College of Arts and Sciences