

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	3
ITS 1055	3	CIS 112	3
Communication General Education 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 (Required)	4
CHE 1200 & CHE 1200L (Biological/Physical Science)	4	CHEM 115 & CHEM 115L (Required; Science Pair 1)	4
TOTAL	14		14
Year Two, 1 st Semester			
CSC 2591	4	CS 110 & CS 110L (Required)	4
MTH 1210	4	MATH 156 (Required)	4
Social/Behavioral Science	3	Elective	3
CHE 1210 & CHE 1210L (Biological/Physical Science)	4	CHEM 116 & CHEM 116L (Required; Science Pair 1)	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	DSCI 221	4
DSCI 101	3	DSCI 301	3
STAT 215	3	STAT 312	3
Science Pair 2	4	Science Pair 2	4
TOTAL	14	TOTAL	14
Year Four, 1 st Semester		Year Four, 2 nd Semester	
MATH 441	3	DSCI 311 (Spring Only)	3
DSCI 222	3	Technical Elective ⁽²⁾	3
DSCI 310 (Fall Only)	3	Technical Elective ⁽³⁾	3
Technical Elective ⁽¹⁾	3	Technical Elective ⁽⁴⁾	3
EDG 2: Effective and Civil Communication	3	EDG 3: Ethics and Civil Responsibility	3
TOTAL	15	TOTAL	15
Year Five, 1 st Semester		Year Five, 2 nd Semester	
DSCI 480 (EDG 6; Fall Only)	1	DSCI 481 (EDG 6; Spring Only)	2
DSCI 410 (Fall Only)	3		
DSCI 450 (EDG 1; Fall Only)	3		
EDG 4: Global and Regional Perspectives	3		
ARSC 380 (EDG 5)	3		
TOTAL	13	TOTAL	2

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		03/31/2026
_____ Print Name	_____ Signature	_____ Date
Valerie Lastinger Ph. D. Associate Dean of Academic Affairs, WVU Eberly College of Arts and Sciences		

_____ Print Name	_____ Signature	_____ Date
Dr. Bernice Brezina, Interim Vice President, Division of Learning.		