

Articulation Agreement Template is provided by the Maryland Higher Education Commission (MHEC) and is a resource for institutions. This template is not legal advice. Institutions should consult their own legal counsel regarding articulation agreements and other agreements, contracts, or institutional policies. Please provide a copy of all institutional articulation agreements to MHEC.

**ACADEMIC PROGRAM ARTICULATION AGREEMENT BETWEEN  
 COLLEGE OF SOUTHERN MARYLAND  
 AND  
 FROSTBURG STATE UNIVERSITY REGARDING TRANSFER FROM ASSOCIATE  
 OF SCIENCE DEGREE IN DATA SCIENCE TO BACHELOR OF SCIENCE IN  
 BUSINESS ADMINISTRATION (CONCENTRATION IN BUSINESS ANALYTICS)**

This Academic Program Articulation Agreement (“Agreement”) is entered into by and between College of Southern Maryland (the “Sending Institution”) and Frostburg State University (the “Receiving Institution”) (collectively, the “Institutions”) to facilitate the transfer of academic credits from Associate of Science in Data Science, HEGIS code 498002 and CIP code 307001 for the completion of Bachelor of Science in Business Administration (concentration in Business Analytics), HEGIS code 050601 and CIP code 520201.

**A. Qualifying Students**

This Agreement pertains to the transfer of “Qualifying Students”, *i.e.*, those students who:

1. Have successfully completed the program at the Sending Institution;
2. Are enrolled in the Sending Institution, in good standing; and
3. Are accepted for admission to the Receiving Institution

**B. Responsibilities of the Institutions**

The Institutions agree to implement the transfer of Qualifying Students in accordance with applicable law and the following requirements and protocols:

1. A Qualifying Student may transfer from the Sending Institution into the Receiving Institution for the completion of the Program.
2. Courses for which the Receiving School will accept credits towards completion of the Program include:

| College of Southern Maryland |                                   |         | Frostburg State University |                             |         |                |
|------------------------------|-----------------------------------|---------|----------------------------|-----------------------------|---------|----------------|
| Course Number                | Course Name                       | Credits | Course Number              | Course Name                 | Credits | Applied to*    |
| Year One, 1st Semester       |                                   |         |                            |                             |         |                |
| ENG 1010                     | Composition and Rhetoric          | 3       | ENGL 101                   | First-Year Composition      | 3       | GEP Core       |
| CSC 1100                     | Practical Programming with Python | 3       | COSC 130                   | Introduction to Programming | 3       | Major Elective |
| MTH 1015                     | Introduction to Statistics        | 3       | MATH 109                   | Probability and Statistics  | 3       | Major          |

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| College of Southern Maryland |  |         | Frostburg State University |  |         |                              |
|------------------------------|--|---------|----------------------------|--|---------|------------------------------|
| Course Number                | Course Name                                | Credits | Course Number              | Course Name                            | Credits | Applied to*                  |
| ITS 1055                     | Introduction to Computing                  | 3       | COSC 100                   | Introduction to Computer Science       | 3       | Tech Fluency and GEP Group E |
| COM 1650                     | Intro to Public Speaking*                  | 3       | STCO 122                   | Introduction to Public Communication   | 3       | Major and GEP Group B        |
| Total                        |  | 15      | Total                      |  | 15      |                              |
| Year One, 2nd Semester       |  |         |                            |  |         |                              |
| ENG 1020                     | Composition & Literature                   | 3       | ENGL 150                   | Introduction to Literature             | 3       | GEP Group B                  |
| ITS 2480                     | Foundations of Data Science                | 3       | MGMT 200                   | Intro to Data Analytics                | 3       | Major Core                   |
| MTH 1200                     | Calculus I and Analytic Geometry           | 4       | MATH 236                   | Calculus I                             | 4       | GEP Core                     |
| BIO 1060/<br>1060L           | Principles of Biology I*                   | 4       | BIOL 149                   | General Biology I                      | 4       | GEP Group C                  |
| Total                        |  | 14      | Total                      |  | 14      |                              |
| Year Two, 1st Semester       |  |         |                            |  |         |                              |
| CSC 2591                     | Computer Science I                         | 4       | COSC 240                   | Computer Science I                     | 4       | General elective             |
| MTH 1210                     | Calculus II                                | 4       | MATH 237                   | Calculus II                            | 4       | General elective             |
| ECN 2020                     | Principles of Microeconomics               | 3       | ECON 202                   | Microeconomics                         | 3       | GEP Group D                  |
| SCE 1010                     | Scientific Reasoning and the Modern World* | 3       | IDIS 160                   | Science and Technology                 | 3       | GEP Group C                  |
| SPA 1010                     | Elementary Spanish I*                      | 3       | SPAN 101                   | Basic Elements of Spanish I            | 3       | GEP Group F                  |
| Total                        |  | 17      | Total                      |  | 17      |                              |
| Year Two, 2nd Semester       |  |         |                            |  |         |                              |
| CSC 2592                     | Computer Science II                        | 4       | COSC 241                   | Computer Science II                    | 4       | General elective             |
| ITS 2450                     | Business Analytics and Data Visualization  | 3       | DTSC 201                   | Intro to Data Analysis & Visualization | 3       | Major Elective               |
| MTH 2500                     | Introduction to Discrete Math              | 3       | COSC 102                   | Foundations of Computer Science        | 3       | GEP Group E                  |
| ITS 1120                     | Introduction to Database*                  | 3       | ITEC 345                   | Database Systems I                     | 3       | Major Elective               |
| ECN 2025                     | Principles of Macroeconomics               | 3       | ECON 201                   | Macroeconomics                         | 3       | GEP Group D                  |
| Total                        |  | 16      | Total                      |  | 16      |                              |
| Total Credits at CSM: 62     |  |         |                            |  |         |                              |

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| Frostburg State University  |  |         |                |
|-----------------------------|--|---------|----------------|
| Course Number               | Course Name                              | Credits | Applied to*    |
| Year Three, 1st Semester    |  |         |                |
| ACCT 211                    | Financial Accounting                     | 3       | Major          |
| BLAW 291                    | Legal Environment of Business            | 3       | Major          |
| MGMT 251                    | Knowledge and App of Management Skills   | 3       | Major          |
| MKTG 261                    | Principles of Marketing                  | 3       | Major          |
| MGMT 301                    | Data Modeling in Business                | 3       | Major          |
|                             | Total:                                   | 15      |                |
| Year Three, Second Semester |  |         |                |
| ACCT 212                    | Managerial Accounting                    | 3       | Major          |
| MGMT 355                    | Operations and Supply Chain Mgmt.        | 3       | Major          |
| MGMT 356                    | Leadership and Power in Global Orgs.     | 3       | Major          |
| MGMT 302                    | Applied Business Analytics               | 3       | Major          |
| FINA 370                    | Corporate Finance                        | 3       | Major          |
|                             | Total:                                   | 15      |                |
| Year Four, 1st Semester     |  |         |                |
| ACCT 365                    | Accounting Analytics                     | 3       | Major          |
| FINA 470                    | Financial Modeling                       | 3       | Major          |
| MGMT 405                    | Corporate Social Responsibility          | 3       | Major          |
| COSC 220                    | Software Apps. For Business              | 3       | Major          |
| DTSC 301                    | Data Modeling, Wrangling and Appl.*      | 3       | Major Elective |
|                             | Total:                                   | 15      |                |
| Year Four, 2nd Semester     |  |         |                |
| MKTG 468                    | Digital Marketing Analytics              | 3       | Major          |
| MGMT 485                    | Strategic Management                     | 3       | Major          |
| DTSC 401                    | Data Privacy and Ethics in Data Science* | 3       | Major Elective |
| ART 100                     | Art Appreciation*                        | 3       | GEP Group A    |
| ENGL 330                    | Business Writing                         | 3       | GEP Core       |
|                             | Total:                                   | 15      |                |
| Total Credits at FSU: 60    |  |         |                |

\*One of multiple course options possible to meet this requirement. Students should consult with their advisor on course selection and visit ARTSYS to view all possible course options for this category.

- The Receiving Institution shall designate, and shall provide to the Sending Institution, the contact information for a staff person at the Receiving Institution who is responsible for the oversight of the transfer of Qualifying Students. The Sending Institution shall designate, and shall provide to the Receiving Institution, the contact information for a staff person at the Sending Institution who is responsible for the oversight of the transfer of Qualifying Students.

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|  | Sending Institution  | Receiving Institution  |
|--|--|--|
| Name of staff person responsible for oversight | Marie Domenech   | Dr. Linda Steele   |
| Title of staff person                          | Assistant Director, Registrar's Office                       | Transfer and Articulation Coordinator                          |
| Email address                                  | <a href="mailto:mddomenech@csmd.edu">mddomenech@csmd.edu</a> | <a href="mailto:lsteel@frostburg.edu">lsteel@frostburg.edu</a> |
| Telephone Number                               | 301-934-7588   | 301-687-4137   |

Should the staff person or position change, the institution will promptly provide new contact information to the partner institution and inform the Maryland Higher Education Commission of the change.

Additional contact information:

|                  | Sending Institution  | Receiving Institution  |
|------------------|--|--|
| Name of person   | Lakisha Ferebee  | Dr. Yiming Zhuang  |
| Title of person  | Chair of Technology  | Assistant Professor of Management                                |
| Email address    | <a href="mailto:ldferebee@csmd.edu">ldferebee@csmd.edu</a> | <a href="mailto:yzhuang@frostburg.edu">yzhuang@frostburg.edu</a> |
| Telephone Number | 240-725-5476   | 301-687-4376   |

4. If the Qualifying Student is using federal Title 38 VA Education Benefits (GI Bill® Education Benefits), the Institutions shall adhere to all applicable U.S. Department of Veterans Affairs' regulations, including the regulations governing the awarding prior credit, as regulated under Title 38, Code of Federal Regulations, Sections 21.4253(d)(3) and 21.4254(c)(4).
5. Each Institution shall adhere to all applicable transfer requirements set forth in the Annotated Code of Maryland and the Code of Maryland Regulations.
6. Each Institution shall advise students regarding transfer opportunities under this Agreement, and shall advise students of financial aid opportunities and implications associated with the transfer.
7. Either Institution that makes changes to program requirements must inform the partner institution immediately. The articulation agreement should be updated to reflect the changes and forwarded to the Maryland Higher Education Commission.

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### **C. Term and Termination**

1. This agreement shall be effective for four years after the date that it is signed by the appropriate and authorized representatives of each Institution.
2. Either Institution may, at its sole discretion, terminate this Agreement upon delivering 90 days written notice to the other Institution and the Maryland Higher Education Commission. The parties agree that students currently enrolled in the program at the time of termination shall be permitted to complete the program as described herein.
3. Both Institutions agree to meet once every two year(s) to review the terms of this agreement.

### **D. Amendment**

1. This Agreement constitutes the entire understanding and agreement of the Institutions with respect to their rights and obligations in carrying out the terms of the Agreement, and supersedes any prior or contemporaneous agreements or understandings.
2. This Agreement may be modified only by written amendment executed by both Institutions.

### **E. Governing Law**

This Agreement shall be governed by, and construed in accordance with, the laws of the State of Maryland.

### **F. Counterparts**

This Agreement may be executed in counterparts, each of which shall be deemed to be an original, but all of which, taken together, shall constitute one and the same agreement.

### **G. Notice of Agreement**

1. The Institutions agree to provide a copy of this Agreement, with any amendments, to the Maryland Higher Education Commission.
2. The Institutions agree to provide copies of this Agreement to all relevant individuals and departments of the Institutions, including but not limited to students, academic department chairs participating in the transfer, offices of the president, registrar's offices, and financial aid offices.

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## **H. No Third-Party Beneficiaries**

There are no third-party beneficiaries to this Agreement.

## **I. Representations and Warranties of the Parties**

Both Institutions represent and warrant that the following shall be true and correct as of the Effective Date of this Agreement, and shall continue to be true and correct during the term of this Agreement:

1. The Institutions are and shall remain in compliance with all applicable federal, state, and local statutes, laws, ordinances, and regulations relating to this Agreement, as amended from time to time.
2. Each Institution has taken all action necessary for the approval and execution of this Agreement.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their duly authorized representatives.

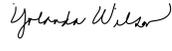
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College of Southern Maryland

Signature: 

By: \_\_\_\_\_ Email: [yswilson@csmd.edu](mailto:yswilson@csmd.edu)

Dr. Yolanda S. Wilson  
President

02/13/2026

Date

Signature:   
Bernice Brezina (Feb 13, 2026 10:59:22 EST)

By: \_\_\_\_\_ Email: [bdbrezina@csmd.edu](mailto:bdbrezina@csmd.edu)

Dr. Bernice Brezina  
Interim Vice President of Learning

02/13/2026

Date

Signature: 

By: \_\_\_\_\_ Email: [awstout@csmd.edu](mailto:awstout@csmd.edu)

Dr. Anthony Stout  
Interim Dean of the School of STEM and  
Professional Studies

02/13/2026

Date

Frostburg State University

Signature: Darlene Brannigan Smith

By: \_\_\_\_\_ Email: [dbsmith@frostburg.edu](mailto:dbsmith@frostburg.edu)

Darlene Brannigan Smith (Feb 16, 2026 11:26:04 EST)  
Darlene Brannigan Smith, Ph.D.  
President

02/16/2026

Date

Signature: 

By: \_\_\_\_\_ Email: [mbmathias@frostburg.edu](mailto:mbmathias@frostburg.edu)

Dr. Michael Mathias  
Provost and Vice President of  
Academic Affairs

02/13/2026

Date

Signature: Sudhir Singh

By: \_\_\_\_\_ Email: [ssingh@frostburg.edu](mailto:ssingh@frostburg.edu)

Sudhir Singh (Feb 13, 2026 14:38:00 EST)  
Dr. Sudhir Singh  
Dean, Business, Engineering, Computing  
& Analytics

02/13/2026

Date

# CSM Data Science - Frostburg State University Business Admin. (Data Analytics Concentration)Final 12826SIGREQ

Final Audit Report

2026-02-16

|                 |  |
|-----------------|--|
| Created:        | 2026-02-16 (Eastern Standard Time)           |
| By:             | Marie Domenech (mddomenech@csmd.edu)         |
| Status:         | Signed                                       |
| Transaction ID: | CBJCHBCAABAAiatGA8j2VYHLdApl4e_TgNbJf6oKXUNQ |

## "CSM Data Science - Frostburg State University Business Admin. (Data Analytics Concentration)Final 12826SIGREQ" History

 Document created by Marie Domenech (mddomenech@csmd.edu)

2026-02-16 - 8:24:58 AM EST - IP address: 172.58.240.40

 Document emailed to dbsmith@frostburg.edu for signature

2026-02-16 - 8:26:50 AM EST

 Email viewed by dbsmith@frostburg.edu

2026-02-16 - 8:42:02 AM EST - IP address: 146.75.222.0

 Signer dbsmith@frostburg.edu entered name at signing as Darlene Brannigan Smith

2026-02-16 - 11:25:02 AM EST - IP address: 131.118.85.2

 Document e-signed by Darlene Brannigan Smith (dbsmith@frostburg.edu)

Signature Date: 2026-02-16 - 11:25:04 AM EST - Time Source: server- IP address: 131.118.85.2

 Agreement completed.

2026-02-16 - 11:25:04 AM EST