Montgomery College to
Southern New Hampshire University Online

- Students who transfer with a conferred associates degree are entitled to a 10% tuition reduction accessed through mySNHU.edu.
- This guide serves as a mapping tool for students. Individual student evaluations will vary.
- Please contact Admission at 1-800-668-1249 or Academic Alliances at AcademicAlliances@snhu.edu.

Montgomery College AA General Studies - Data Science Discipline Course Requirements	Cr	Southern New Hampshire University Online BS Data Analytics	Cr
Courses in bold are the associate degree required courses.		**General Education Core Requirements**	42
ENGL101 Intro to College Writing	3	ENG 122 English Composition I	3
Directed: ENGL102 Critical Reading, Writing & Research	3	ENG 123 English Composition II	3
		MAT 136 Introduction to Quantitative Analysis	3
Natural Science with or without Lab Elective	3-4	SNHU 107 or Free Elective for students transferring 12+ credits	3
Gen. Ed. Institutional Requirement Elective	3	IDS 100 or Free Elective for students transferring 12+ credits	3
200-level Humanities Distribution Elective (ARAB, ASLP, CHIN, ENGL, FREN, GERM, GHUM, HIND, ITAL, JAPN, KORA, LATN, PHIL, PORT, RUSS, SPAN)	3	EFAH: Fine Arts and Humanities Elective (ENG, FAS, HUM, LIT, MUS, PHL, LAR, LAS, LFR, LSP, LAN, LMA, HUM 100, or HUM 200)	3
Arts Distribution Elective (ARTT, DANC, ENGL, FILM, MUSC, PHOT, THET)	3	EFAH: Fine Arts and Humanities Elective (ENG, FAS, HUM, LIT, MUS, PHL, LAR, LAS, LFR, LSP, LAN, LMA, HUM 100, or HUM 200)	3
Behavioral & Social Science Distribution Elective (ANTH, ECON, POLI, PSYC, SOCY)	3	ESBS: Social and Behavioral Sciences Elective (ATH, ECO, HSE, POL, PSY, SCS, SOC, SCS 100, or SCS 200)	3
Behavioral & Social Science Distribution Elective (ANTH, ECON, POLI, PSYC, SOCY)	3	ESBS: Social and Behavioral Sciences Elective (ATH, ECO, HSE, POL, PSY, SCS, SOC, SCS 100, or SCS 200)	3
Directed: MATH165 Precalculus	3*	MAT 140 Precalculus	3
Directed: MATH117 Elements of Statistics	3**	MAT 243 Applied Statistics for STEM	3
		EHIS: History Electives (HIS, HIS 100, or HIS 200)	3
		EHIS: History Electives (HIS, HIS 100, or HIS 200)	3
		Choose one (1) Seminar Course: IDS 400, IDS 401, IDS 402, IDS 403, or IDS 404	3
Montgomery College Courses		**Major Core Courses**	18
		DAD 220 Introduction to Structured Database Environments	3
CMSC135 Introduction to Scripting	3	IT 140 Introduction to Scripting	3
Directed: MATH181 Calculus I	3*	MAT 225 Calculus I: Single-Variable Calculus	3
		MAT 303 Applied Statistics II for Science, Technology, Engineering, and Mathematics (STEM)	3

Montgomery College AA General Studies - Data Science Discipline Course Requirements	Cr	Southern New Hampshire University Online BS Data Analytics	Cr
Montgomery College Courses		**Major Core Courses Continued**	**39**
		DAT 205 Role of Data Analysis in Organizations	3
		DAT 223 Gathering Requirements and Collecting Data	3
		DAT 250 Data Policy and Decision Making	3
		DAT 260 Emerging Technologies and Big Data	3
		DAT 300 Data Validation: Getting the Right Data	3
		DAT 325 Data Validation: Quality and Cleaning	3
		DAT 375 Data Analysis Techniques	3
		DAT 430 Leveraging Data Analysis for Organizational Results	3
		DAT 475 Applied Data Analysis	3
		IT 226 Communication in STEM Professions	3
Montgomery College Courses		**Major Electives or Choose a Concentration**	**12**
DATA101 Introduction to Data Science DATA110 Data Visualization & Communication DATA201 Statistical Methods in Data Science DATA205 Capstone Experience in Data Science	12	12 credit(s) from CS CYB, DAT, or IT within the 200 - 499 range or from the following courses: BUS 206 Business Law I COM 213 Public Speaking & Presentation Skills COM 227 Public Relations QSO 340 Project Management SNHU 495 Internship	12
Montgomery College Courses		**SNHU Free Electives**	**24**
Natural Science with Lab Elective	4		
GEIR HLTH, ARTD, OR HUMD 200-level Elective	3		
Directed: CMSC201 Java Programming Language	3		
Any 200-level Course	3		
Excess Credit from 4 Credit Courses	5-6		
Montgomery College Degree Credits	**60**	**SNHU Online BS Data Analytics Credits Required**	**120**

Revision: 2019/2020 Academic Year

***Students who complete both CMSC201 and MATH117 with a grade of C or better and within the last 10 years will have their MATH117 course used to satisfy MAT-243*

Transfer Credit Policy

* Excess general education credits are transferred as free elective credit, if available.

• This guide serves as a mapping tool for students and is based upon SNHU Online 2019/2020 Academic Catalog at time of enrollment and this institution's equivalent academic year. Transfer equivalents earned prior or subsequent to this academic year will be evaluated on a case-by-case basis for transfer equivalency.

• Students must earn a grade of C- or better for course transfer.

• Students may transfer up to 90 credits if previous credits earned meet SNHU Online's degree requirements and academic standards for transfer.

• Students must take at least 30 credits (10 classes) at SNHU Online to be awarded a bachelor's degree.