

**Year One – Montgomery College**

Fall Semester	Cr
ENGL101/ENGL101A - Intro to College Writing	3
MATH 181 - Calculus I (MATF)	4
Behavioral and Social Sciences Distribution (BSSD) – CCJS110 recommended**	3
CHEM 131 - Principles of Chemistry I (NSLD)	4
Arts Distribution (ARTD)	3
<b>Total Credits</b>	<b>17</b>

Spring Semester	Cr
ENGL102 – Critical Reading, Writing, and Research OR ENGL103 – Critical Reading Writing & Research in the Work Place (ENGF)	3
BIOL 150 - Principles of Biology I (NSND)	4
PHIL140 - Intro to the Study of Ethics (HUMD)	3
CHEM 132 - Principles of Chemistry II <sup>^</sup>	4
<b>Total Credits</b>	<b>14</b>

**Year Two – Montgomery College**

Fall Semester	Cr
General Education Institutional Requirement (GEIR) - HLTH or ARTD or HUMD 200-level recommended	3
General Education Institutional Requirement (GEIR) - COMM108 OR COMM112 recommended	3
CHEM 203 - Organic Chemistry I <sup>^</sup>	5
PHYS203 General Physics I or PHYS 233 Physics for the Life Sciences I <sup>^†</sup>	4
<b>Total Credits</b>	<b>15</b>

Spring Semester	Cr
CHEM 204 - Organic Chemistry II <sup>^</sup>	5
PHYS204 General Physics II or PHYS234 Physics for the Life Sciences II <sup>^†</sup>	4
CMAP 120 - Introduction to Computer Applications <sup>^^</sup>	3
Behavioral and Social Sciences Distribution (BSSD)** 200-level course	3
<b>Total Credits</b>	<b>15</b>

**Apply to graduate from MC with an Associate of Arts in General Studies STEM**

\* [ENGL 101/ENGL 101A](#), if needed for [ENGL 102/ENGL 103](#), or elective. Please consult an advisor or transfer institution for assistance with course selection.

\*\* Behavioral and Social Science Distribution (BSSD) courses must come from different disciplines.

A total of 63 credits will transfer to UB.

<sup>^</sup>STEM Core Course

<sup>^^</sup>STEM Elective

<sup>†</sup>Prerequisite/co-requisite of MATH182, if student chooses to take PHYS233 and PHYS234

**Year Three – University of Baltimore**

Fall Semester	Cr
FSCS 301 - Forensic Science	3
FSCS 400 - Laboratory Safety and Quality Assurance	3
FSCS 403 - Trace Evidence	4
FSCS 407 - Instrumental Analysis	4
IDIS 302 - Ethical Issues in Business and Society	3
<b>Total Credits</b>	<b>17</b>

Spring Semester	Cr
FSCS 307 - Crime Scene Investigation	3
WRIT300 - Composition and Research	3
FSCS 480 - Forensic Documentation	3
FSCS 410 - Forensic Serology	4
FSCS Elective (Rec: FSCS 440)	3
<b>Total Credits</b>	<b>16</b>

**Year Four – University of Baltimore**

Fall Semester	Cr
FSCS 405 - Microscopy	4
FSCS 404 - Arson Investigation and Glass Analysis	4
FSCS 456 - Chemistry of Death	3
FSCS Elective	3
<b>Total Credits</b>	<b>14</b>

Spring Semester	Cr
FSCS 482 - Moot Court and Trial Advocacy for Forensics	3
FSCS Elective (Rec: FSCS 460)	3
FSCS 487 - Field Internship in Forensic Science	3
FSCS 409 - Drug Analysis	4
<b>Total Credits</b>	<b>13</b>

**General Studies STEM A.A., 61 credits**  
**A maximum of 63 credits will transfer to UB**

<b>FOUNDATION COURSES</b>	<b>COURSE</b>	<b>HRS</b>	<b>GRADE</b>
English Foundation (ENGL102 or ENGL103) ‡	ENGL	3	
Math Foundation (MATF)	MATH181	4	

<b>DISTRIBUTION COURSES</b>	<b>COURSE</b>	<b>HRS</b>	<b>GRADE</b>
Behavioral & Social Sciences Distribution (BSSD)**		3	
Behavioral & Social Sciences Distribution (BSSD)**		3	
Natural Sciences Distribution with Lab (NSLD)	CHEM131	4	
Natural Sciences Distribution without Lab (NSND)	BIOL150	4	
Arts Distribution (ARTD)		3	
Humanities Distribution (HUMD)		3	
<b>GENERAL EDUCATION INSTITUTIONAL REQUIREMENTS</b>			
Foundations of Human Communication <u>or</u> Business and Professional Speech Communication (GEIR) †	COMM108 <u>or</u> COMM112	3	
Any COMM, HLTH, or ARTD/HUMD (GEIR) †		3	

<b>PROGRAM REQUIREMENTS</b>	<b>COURSE</b>	<b>HRS</b>	<b>GRADE</b>
STEM Core Courses	- CHEM132 - CHEM203 and CHEM204 - PHYS 203 and 204 <u>or</u> PHYS 233 and 234	22	
STEM Electives	CMAP120	3	
Introduction to College Writing*	ENGL101	3	
<b>TOTAL</b>		<b>61</b>	

\* ENGL 101/ENGL 101A, if needed for ENGL 102/ENGL 103, or elective. Please consult an advisor or transfer institution for assistance with course selection.

\*\* Behavioral and Social Science Distribution (BSSD) courses must come from different disciplines.

\*\*\* Students must complete one Global or Cultural Perspectives designated course as part of their General Education Program.

‡ Students should attempt ENGL and MATH foundation requirements within completion of the first 24 credits of college level work or at the completion of any prerequisite or required non- credit coursework.

‡‡ Any credit hours beyond the minimum in General Education (31 Credit hours) or Core courses are counted toward elective credit hours.

† Two general education institutional requirement (GEIR) courses required from the following general education courses: COMM, HLTH, or one ARTD or HUMD. Students may only take one course from ARTD or HUMD to fulfill General Education Institutional Requirements.

Please Note: Exact semester credit counts may vary based on specific course selections.

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**Based on the 2019-2020 UB Catalog.**