Cecil College and St. Mary's College of Maryland

A.S. in Chemistry to Biochemistry

Admissions:

Cecil College students graduating with an Associate of Science (A.S.) in Chemistry will be eligible for admission into SMCM Biochemistry program, provided that students:

- Submit the SMCM Application for Admission at least six months prior to the start of the semester they wish to transfer to St. Mary's College of Maryland.
- Complete the required courses as described in the Appendix A of this agreement.
- Satisfy all other SMCM admissions requirements, which are available on the College website at http://www.smcm.edu or by contacting an admissions counselor at St. Mary's College of Maryland.
- Graduate from Cecil College with a minimum cumulative grade-point average (GPA) of 2.00.
- Recognize that grades of "C-" or better will transfer and will be transcribed as transfer credits or "TR" on the SMCM transcript. Per the Code of Maryland Regulations (COMAR), grades of D will transfer although may not be used for major/minor requirements.
- Understand that there is no residential living requirement for incoming students, though transfer students may request on-campus housing if they wish.
- Understand that SMCM will accept up to 70 transferable credits.
- Understand that students with at least 56 transferable credits will enter with Junior status.
- Submit Cecil College transcripts along with transcripts from any other colleges they may have attended prior to attending Cecil College.
- Students interested in Dual Admission to SMCM are encouraged to consult with an Academic Adviser at Cecil College and the Office of Admissions at SMCM to assist in choosing courses to promote timely graduation from SMCM. Transcripts will be evaluated on a preliminary basis by the SMCM Admissions Office prior to application upon request. Students who enter SMCM via Dual Admission are encouraged to transfer credits back to Cecil College to complete their associate degree in Chemistry.

Appendix A

Cecil College	CR	St. Mary's College of Maryland	CR
Recommended Courses		**St. Mary's College Course Equivalents**	
BIO 222 – Genetics	3	BIOL 270 – Genetics	3
BIO 232 – Genetics Lab	1	BIOL 270L – Genetics Laboratory	1
MAT 191 - Precalculus	4	MATH 111 – Precalculus	4
PHE 180 or -MATLAB Fundamentals CSC 109 -Introduction to Programming	3	COSC LDIV or – COSC Lower Division Elective or 120 - Introduction to Computer Science I	3
TOTAL RECOMMENDED CREDITS	11	**TOTAL GRANTED CREDITS FROM RECOMMENDED COURSES**	11
Required Courses		**St. Mary's College Course Equivalents**	
ARTS/HUM – Arts and Humanities Elective	6	CORE Art Core Requirement and/or COLL Lower Division Elective	3 3
EGL 101 – College Composition	3	ENG 102 – Composition	3
EGL 102 – Composition and Literature	3	CORE HF – Humanities Core Requirement	6
SOC SCI – Social Science Elective	6	CORE SS – Social and Behavior Sciences Requirement COLL LDIV – Lower Division Elective	3
SPH 121 - Interpersonal Communication *or* SPH 141 - Public Speaking	3	CORE CP – Cultural Literacy Core Requirement	3
CHM 103/113 – General Chemistry I Lecture/ General Chemistry I Lab	4	CHEM 103– General Chemistry I	4
CHM 104/114 – General Chemistry II Lecture/ General Chemistry II Lab	4	CHEM 106/106L – General Chemistry II with Lab	4
CHM 203 – Organic Chemistry I with Lab	4	CHEM 311/311L – Organic Chemistry I with Lab	4
CHM 204 – Organic Chemistry II with Lab	4	CHEM 312/312L – Organic Chemistry II with Lab	4
MAT 201 – Calculus I with Analytic Geometry	4	MAT 151 – Calculus I	4
MAT 202 – Calculus II with Analytic Geometry	4	MAT 152 – Calculus II	4
PHY 217 – General Calculus Physics I with Lab	4	PHYS 141 – General Physics I with Lab	4
PHY 218 – General Calculus Physics II with Lab	4	PHYS 142 – General Physics II with Lab	4
BIO 130-131 – Principles of Biology I with Lab	4	BIOL 105/105L – Principles of Biology I with Lab	4
TOTAL REQUIRED CREDITS	57	**TOTAL REQUIRED CREDITS**	57
GRAND TOTAL CREDITS	68	**GRAND TOTAL CREDITS**	68
Remaining Degree Requirements at St. Mary's College of Maryland and Advising Sheet			
First Fall Semester at St. Mary's College	**CR**	**First Spring Semester at St. Mary's College**	**CR**
BIO 222 – Genetics	3	CHEM 425 – Biochemistry II	4
BIO 232 – Genetics Lab	1		
CHEM 420 – Biochemistry I	4		
CHEM 420L – Biochemistry I Laboratory	0		
CORE 301 – Liberal Arts Seminar	4		
Second Fall Semester at St. Mary's College	**CR**	**Second Spring Semester at St. Mary's College**	**CR**
CHEM 451 – Physical Chemistry I	4	BIOL 470 – Molecular Biology	4
CHEM 451L – Physical Chemistry I Laboratory	0	BIOL 470L – Molecular Biology Laboratory	0
CHEM 493 – St. Mary's Project I	4	CHEM 494 – St. Mary's Project II	4
		Elective as needed to reach 128 total credits & 44 Upper-Level credits	
Additional Requirements			
CHM 103 and CHM 113 must have a minimum transfer grade of a C			
For CHM 203 and CHM 204, it is recommended to have a minimum transfer grade of a B due to SMCM Organic Chemistry courses taught at the 300 level.			
Please note that CHM 203 and CHM 204 will transfer in at the 200 level, not 300 level.			
NOTE: Students have the choice of either taking BIO 222 and BIO 232 at Cecil College or BIOL 270 and BIOL 270 at SMCM. They are not required to take and pass the Genetic course with lab twice. NOTE: Completion of the A.S. Degree satisfies LEAD Core Knowledge and Methods requirements. Completion of CORE 301 (or equivalent) is a requirement of attending St. Mary's College of Maryland.			