

MONTGOMERY COLLEGE Requirements for Associate's Degree		Marymount University Requirements for Bachelor's Degree	
3	ENGL 101-Introduction to College Writing OR English Foundation	3	ENGL 101 required. Is equivalent to EN 101 (required for all students)
4	MATH 165 - Precalculus (MATF) OR MATH 170 - Calculus for Life Sciences I (MATF) OR MATH 181 - Calculus I (MATF)	4	MATH 165 = MA 901 MATH 170 = MA 901 MATH 181 = MA 181-Calculus I (required for Biology majors) #MATH 181 recommended as that course is required for the major.
4	CHEM 131- Principles of Chemistry I	4	CHM 151- Principles of Chemistry I and CHM151L- Principles of Chemistry I Lab (required for Biology majors)
3	Behavioral and Social Sciences Distribution (BSSD)**	3	See list in MU notes.
3	English Foundation (ENGF) - ENGL 102 or ENGL 103	3	EN 102 (required for all students)
4	BIOL 150- Principles of Biology I + lab	4	BIO 151- General Biology I and BIO 151L-General Biology I Lab (required for Biology majors)
4	CHEM 132- Principles of Chemistry II + Lab	4	CHM 152- Principles of Chemistry II and CHM 152L-Principles of Chemistry II Lab (required for Biology majors)
4	MATH 170 - Calculus for Life Sciences I (MATF) OR MATH 181 - Calculus I (MATF) OR Program Electives‡	4	MATH 170 = MA 901 MATH 181 = MA 181-Calculus I (required for Biology majors) #MATH 181 recommended if not already completed, as that course is required for the major.  If MATH 181 is already completed, recommended program elective courses: BIOL 210 (equivalent to BIO 260 and BIO 260L, required for Biology major) BIOL 230 (equivalent to BIO 363 and BIO 900, required for Biology major) CHEM 203 (equivalent to CHM 221, CHM 221L, and CHM 900 required for Biology major) CHEM 204 (equivalent to CHM 222, CHM 222L, and CHM 900, required for Biology major) PHYS 233 (equivalent to PHYS 271 and PHYS 271L, required for Biology major) PHYS 234 (equivalent to PHYS 272 and PHYS 272L, required for Biology major) PHYS 262 (equivalent to PHYS 272 and PHYS 272L, required for Biology major)
3	Humanities Distribution (HUMD)	3	See list in MU notes.
4	BIOL 151- Principles of Biology II + Lab	4	BIO 152- General Biology II and BIO 152L- General Biology II Lab (required for Biology majors)
3	COMM 108- Foundations of Human Communication OR COMM 112- Business and Professional Speech Communication	3	COMM 108 = COMM 900 (general elective) COMM 112 = COMM 310- Career and Professional Communication (general elective)
3	Arts Distribution (ARTD)	3	See list in MU notes.
4	Program Electives‡	4	Recommended courses: BIOL 210 (equivalent to BIO 260 and BIO 260L, required for Biology major) BIOL 230 (equivalent to BIO 363 and BIO 900, required for Biology major) CHEM 203 (equivalent to CHM 221, CHM 221L, and CHM 900 required for Biology major) CHEM 204 (equivalent to CHM 222, CHM 222L, and CHM 900, required for Biology major) PHYS 233 (equivalent to PHYS 271 and PHYS 271L, required for Biology major) PHYS 234 (equivalent to PHYS 272 and PHYS 272L, required for Biology major) PHYS 262 (equivalent to PHYS 272 and PHYS 272L, required for Biology major)
4	BIOL 222- Principles of Genetics + Lab	4	BIO 262- Genetics for Majors and BIO 262L- Genetics for Majors Lab (required for Biology majors)
3	Behavioral and Social Sciences Distribution (BSSD)**	3	See list in MU notes.
4	Program Electives‡	4	Recommended courses: BIOL 210 (equivalent to BIO 260 and BIO 260L, required for Biology major) BIOL 230 (equivalent to BIO 363 and BIO 900, required for Biology major) CHEM 203 (equivalent to CHM 221, CHM 221L, and CHM 900 required for Biology major) CHEM 204 (equivalent to CHM 222, CHM 222L, and CHM 900, required for Biology major) PHYS 233 (equivalent to PHYS 271 and PHYS 271L, required for Biology major) PHYS 234 (equivalent to PHYS 272 and PHYS 272L, required for Biology major) PHYS 262 (equivalent to PHYS 272 and PHYS 272L, required for Biology major)
3	Program Electives‡	3	Recommended courses: BIOL 210 (equivalent to BIO 260 and BIO 260L, required for Biology major) BIOL 230 (equivalent to BIO 363 and BIO 900, required for Biology major) CHEM 203 (equivalent to CHM 221, CHM 221L, and CHM 900 required for Biology major) CHEM 204 (equivalent to CHM 222, CHM 222L, and CHM 900, required for Biology major) PHYS 233 (equivalent to PHYS 271 and PHYS 271L, required for Biology major) PHYS 234 (equivalent to PHYS 272 and PHYS 272L, required for Biology major) PHYS 262 (equivalent to PHYS 272 and PHYS 272L, required for Biology major)
60	TOTAL CREDITS TRANSFERRED		

REMAINING MARYMOUNT UNIVERSITY DEGREE REQUIREMENTS UPON TRANSFER WITH ASSOCIATE'S DEGREE	
TRS 100 Theological Inquiry (TRS) core course (remaining Liberal Arts Core requirement, assuming student has completed AS degree from Montgomery College)	3
BIO 300	3
BIO 323	1
BIO 368	3
BIO 423	3
BIO 260 (if BIOL 210 is not completed at MC)	3
BIO 260L (if BIOL 210 is not completed at MC)	1
BIO 363 (if BIOL 230 is not completed at MC)	3
CHM 221 (if CHEM 203 is not completed at MC)	3
CHM 221L (if CHEM 203 is not completed at MC)	1
CHM 222 (if CHEM 204 is not completed at MC)	3
CHM 222L (if CHEM 204 is not completed at MC)	1
PHYS 271 (if PHYS 233 is not completed at MC)	3
PHYS 271L (if PHYS 233 is not completed at MC)	1
PHYS 272 (if PHYS 234 or PHYS 262 are not completed at MC)	3
PHYS 272L (if PHYS 234 or PHYS 262 are not completed at MC)	1
MA 181 (if MATH 181 is not completed at MC)	4
BIO 400	3
Biology Major Electives	10
General Electives (total will vary based on which Program electives are completed at MC)	7
<b>TOTAL CREDITS REMAINING AT MARYMOUNT UNIVERSITY</b>	<b>60</b>

#### MONTGOMERY COLLEGE NOTES

\* ENGL 101/ENGL 101A, if needed for ENGL 102/ENGL 103, or program elective.

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

‡ Program electives: (Program electives range from 2-5 credits. Students are encouraged to speak with their transfer institution when selecting program electives. It is recommended that in a 2 semester chemistry sequence, both courses be taken at the same institution, e.g. CHEM 203 and CHEM 204.) BIOL 202, BIOL 210, BIOL 212, BIOL 213, BIOL 217, BIOL 226, BIOL 228, BIOL 230, BIOL 252, BIOL 210, CHEM 203, CHEM 204, CMSC 140, CMSC 203, CMSC 204, MATH 171, MATH 182, MATH 280, MATH 282, PHYS 161, PHYS 203, PHYS 204, PHYS 233, PHYS 234, PHYS 262, PHYS 263, SCIR 297.

#### MARYMOUNT UNIVERSITY NOTES

Students that complete the Associate of Science degree at Montgomery College will be considered core complete at Marymount University, with the exception of one core course in theology (TRS 100). Students that complete the A.S. in Biological Science Area of Concentration, Science will have BIO 123 and BIO 223SL waived. It is possible to complete the remaining requirements for the B.S. in Biology within 4 semesters when working carefully with an academic advisor. Students that do not complete the Associate of Science degree at Montgomery College will need to complete additional courses to fulfill Marymount's Liberal Arts Core requirements.

ARTD/GEIR courses: ARTT 100, ARTT 102, ARTT 120, ARTT 123, ARTT 127, ARTT 200, ARTT 201, ARTT 270, ARTT 272, DANC 100, ENGL 264, ENGL 272, ISTD 173, MUSC 110, MUSC 117, MUSC 125, MUSC 131, MUSC 184, THET 110

HUMD/GEIR courses: ENGL 122, ENGL 190, ENGL 201, ENGL 202, ENGL 205, ENGL 208, ENGL 211, ENGL 212, ENGL 213, ENGL 214, ENGL 226, ENGL 227, ENGL 230, ENGL 233, HIST 112, HIST 114, HIST 116, HIST 117, HIST 146, HIST 147, HIST 148, HIST 200, HIST 201, HIST 205, HIST 211, HIST 228, HIST 235, HIST 236, HIST 240, HIST 245, HIST 247, HIST 250, HIST 252, HIST 262, HIST 263, HIST 265, HIST 266, PHIL 101, PHIL 140, PHIL 143

BSSD courses: ANTH 201, ECON 105, ECON 201, ECON 202, POLI 101, POLI 105, POLI 203, POLI 211. PSYC 100, SOCY 100, SOCY 105

Program electives and requirements: BIOL 202 = BIO 900 (general elective); BIOL 210 = BIO 260 and BIO 260L (required for Biology major); BIOL 212 = BIO 161 and BIO 161L (general elective); BIOL 213 = BIO 162 and BIO 162L (general elective); BIOL 217 = BIO 901 and BIO 901L (general elective); BIOL 226 = HPR 340 (general elective); BIOL 228 = BIO 900 (general elective); BIOL 230 = BIO 363 and BIO 900 (required for Biology major); BIOL 252 = BIO 901 (general elective); BIOL 210 = BIO 900 (general elective); CHEM 203 = CHM 221, CHM 221L, and CHM 900 (required for Biology major); CHEM 204 = CHM 222, CHM 222L, and CHM 900 (required for Biology major); CMSC 140 = IT 900 (general elective); CMSC 203 = IT 130 (general elective); CMSC 204 = IT 230 and IT 900 (general elective); MATH 171 = MA 901 (general elective); MATH 182 = MA 200 and MA 900 (general elective); MATH 280 = MA 221 (general elective); MATH 282 = MA 325 (general elective); PHYS 161 = PHYS 271 (required for Biology major, but also need PHYS 271L lab); PHYS 203 = PHYS 161 and PHYS 161L (general elective); PHYS 204 = PHYS 162 and PHYS 162L (general elective); PHYS 233 = PHYS 271 and PHYS 271L (required for Biology major); PHYS 234 = PHYS 272 and PHYS 272L (required for Biology major); PHYS 262 = PHYS 272 and PHYS 272L (required for Biology major); PHYS 263 = PHYS 901 and PHYS 901L (general elective); SCIR 297 = BIO 900 (general elective).

