

Universal Transfer Paths
TBR Community Colleges to Maryville College

Community College - CHEMISTRY (AS)

General Education Requirements:

Communication	9 hours
ENGL 1010 & 1020	6 hours
SPCH 1010 or 2100	3 hours
Humanities and/or Fine Arts	9 hours
One course in Literature	3 hours
One course in Philosophy	3 hours
One course in Fine Arts	3 hours
History	6 hours
Social/Behavioral Sciences	6 hours
Natural Sciences (two courses with labs)	8 hours
CHEM 1110 - General Chemistry I	4 hours
CHEM 1120 - General Chemistry II	4 hours
Mathematics	4 hours
MATH 1910 - Calculus I	4 hours

Gen Ed Requirement Total: 42 hours

Area of Emphasis Requirements:

MATH 1920 - Calculus II	4 hours
CHEM 2010, 2020 - Organic Chemistry I & II	8 hours
PHYS 2110, 2120 - Calc Based Physics I & II	8 hours

Area of Emphasis Total: 20 hours

Total AS Degree: 62 hours

Maryville College - BIOCHEMISTRY (BA)

Course Equivalencies:

ENG 110 & 120	6 hours
ENG 150	3 hours
ENG 160/170/180	3 hours
PHL/REL 149	3 hours
ART/MUS/THT 140	3 hours
HIS 149	6 hours
PSY/SOC 149	6 hours
CHM 121 - General Chemistry I	4 hours
CHM 122 - General Chemistry II	4 hours
MTH 125 - Calculus I	4 hours
MTH 225 - Calculus II	4 hours
CHM 223, 224 - Organic Chemistry I & II	8 hours
PHY 201, 202 - General Physics I & II	8 hours

Additional MC Core Requirements: 20 hours

ETH 490 - Ethical Citizenship	3 hours
Foreign Language	8 hours
MTH 110 - Quantitative Literacy	3 hours
WRC 370 - Cultural/Intercultural Dynamics	3 hours
US Pluralism	3 hours

Additional BA Major Requirements: 29 hours

CHM 316 - Fund Biochem & Molecular Biology	4 hours
CHM 381 - Physical Chemistry I	3 hours
CHM 391 - Physical Chemistry II	3 hours
BIO 115 - Principles of Cellular Biology	4 hours
BIO 221 - Genetics	4 hours
BIO/CHM 416 - Adv Biochem & Molecular Biology	4 hours
BIO 299 or CHM 399 - Professional Practices	1 hour
BIO 351 or CHM 351 - Senior Study I	3 hours
BIO 352 or CHM 352 - Senior Study II	3 hours

Additional Elective Requirements: 9 hours

Total BA Degree: 120 hours