

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	
PSYC 1030	3 hours	
PSYC/SOCI/ANTH	3 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 - CHEMISTRY (BS)

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 101 - Introductory Psychology	3 hours
PSY/SOC 149	3 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 BS Major Requirements: 38 hours

CHM 264 - Analytical Chemistry	4 hours
CHM 351 - Senior Study I	3 hours
CHM 352 - Senior Study II	3 hours
CHM 365 - Instrumental Methods	4 hours
CHM 371 - Inorganic Chemistry	3 hours
CHM 316 - Biochem & Molecular Biology	4 hours
CHM 381 - Physical Chemistry I	3 hours
CHM 391 - Physical Chemistry II	3 hours
CHM 399 - Research Seminar	1 hour
CHM 425 - Physical Chemistry Laboratory	2 hours
BIO 115 - Principles of Cellular Biology	4 hours
BIO 221 - Genetics	4 hours

Total BS Degree: 120 hours