

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 (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 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 BA Major Requirements: 19-21 hours

CHM 264 - Analytical Chemistry 4 hours
 CHM 351 - Senior Study I 3 hours
 CHM 352 - Senior Study II 3 hours
 CHM 381 - Physical Chemistry I 3 hours
 CHM 391 - Physical Chemistry II 3 hours
 CHM 399 - Research Seminar 1 hour
 CHM 316 or CHM 365 or CHM 416 or CHM 425 2 -4 hours

Additional Elective Requirements: 17-19 hours

Total BA Degree: 120 hours