

Universal Transfer Paths
TBR Community Colleges to Maryville College

Community College - BIOLOGY (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	
BIO 1110 - General Biology I	4 hours	
BIO 1120 - General Biology 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 1110, 1120 - General Chemistry I & II	8 hours
CHEM 2010, 2020 - Organic Chemistry I & II	8 hours

Area of Emphasis Total: 20 hours

Total AS Degree: 62 hours

Additional MC Core Requirements: 20 hours

Additional BS Major Requirements: 40 hours

Additional Elective Requirements: 6 hours

Total BS Degree: 128 hours

Maryville College - NEUROSCIENCE - Biochemistry (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
BIO 111	4 hours
BIO 113 - Principles of Organismal Biology	4 hours
MTH 125	4 hours
MTH 225	4 hours
CHM 121, 122 - General Chemistry I & II	8 hours
CHM 223, 224 - Organic Chemistry I & II	8 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
BIO 115 - Principles of Cellular Biology	4 hours
BIO 221 - Genetics	4 hours
BIO 299 - Professional Practices in Biology	1 hour
NSC 244 - Introduction to Neuroscience	3 hours
NSC 402 - Advanced Topics in Neuroscience	3 hours
NSC 351 - Senior Study I	3 hours
NSC 352 - Senior Study II	3 hours
PSY 312 - Experimental Psychology	4 hours
PSY 327 - Sensation & Perception	4 hours
MTH 221 - Inferential Statistics	3 hours
CHM 316 - Fund of Biochem & Molecular Biology	4 hours
BIO/CHM 416 - Advanced Topics	4 hours