

Universal Transfer Paths
TBR Community Colleges to Maryville College

Community College - MATHEMATICS (AS)

General Education Requirements:

Communication	9 hours	
ENGL 1010 & 1020		6 hours
COMM 2045		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 - Intro Psychology		3 hours
PSYC 2130 - Lifespan Psychology		3 hours
Natural Sciences (one 8-hour sequence)	8 hours	
One life science course		4 hours
One physical science course		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
MATH 2110 - Calculus III	4 hours
MATH 2010 - Linear Algebra	3 hours
MATH 2120 - Differential Equations	3 hours
Programming Language	3 hours
General Electives	1 hour

Area of Emphasis Total: 18 hours

Total AS Degree: 60 hours

Additional MC Core Requirements: 20 hours

Additional BA Major Requirements: 62 hours

Total BA Degree: 142 hours

Maryville College - MATHEMATICS for Teacher Licensure (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
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PSY 101 - Introductory Psychology	3 hours
PSY 218 - Psychology of Adolescence	3 hours

BIO 111 (Life Science)	4 hours
CHM/PHYS 111 (Physical Science)	4 hours

MTH 125 - Calculus I	4 hours
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MTH 225 - Calculus II	4 hours
MTH 235 - Calculus III	4 hours
MTH 232 - Linear Algebra	3 hours
MTH 236 - Ordinary Differential Equations	3 hours
CSC 111 - Introduction to Computer Science	3 hours
General Electives	1 hour

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

CSC 231 - Discrete Structures	3 hours
MTH 301 - Principles of Geometry	3 hours
MTH 302 - Modern Algebra	3 hours
MTH 315 - Advanced Calculus	3 hours
MTH 321 - Probability and Statistics	3 hours
MTH 326 - Numerical Analysis	3 hours
PHY 201 - General Physics I	4 hours
PHY 202 - General Physics II	4 hours
EDU 299 - Contemporary & Professional Issues	1 hour
EDU 300 - Field Experience	1 hour
EDU 301 - Models of Classroom Mgmt & Instruct	3 hours
EDU 302 - Educational Technology	3 hours
EDU 321 - Reading & Writing in Content Classrm	3 hours
EDU 333 - Applied Pedagogy	3 hours
EDU 351 - Senior Study I	3 hours
EDU 352 - Senior Study II	3 hours
EDU 403 - Clinical Practice for PK12/Secondary	10 hours
EDU 411 - Educational Assessment & Evaluation	3 hours
EDU 412 - Instrctnl Strategies for Diverse Learner	3 hours