

**Universal Transfer Paths**  
**TBR Community Colleges to Maryville College**

<b>Community College - MATHEMATICS (AS)</b>	<b>Maryville College - MATHEMATICS (BA)</b>
<b>General Education Requirments:</b>	<b>Course Equivalencies:</b>
Communication 9 hours	
ENGL 1010 & 1020 6 hours	ENG 110 & 120 6 hours
SPCH 1010 or 2100 3 hours	ENG 150 3 hours
Humanities and/or Fine Arts 9 hours	
One course in Literature 3 hours	ENG 160/170/180 3 hours
One course in Philosophy 3 hours	PHL/REL 149 3 hours
One course in Fine Arts 3 hours	ART/MUS/THT 140 3 hours
History 6 hours	HIS 149 6 hours
Social/Behavioral Sciences 6 hours	PSY/SOC 149 6 hours
Natural Sciences (one 8-hour sequence) 8 hours	
One life science course 4 hours	BIO 111 (Life Science) 4 hours
PHYS 2110 - Calculus Based Physics I 4 hours	PHY 201 - General Physics I 4 hours
Mathematics 7 hours	
MATH 1530 - Introductory Statistics 3 hours	STA 120 - Introductory Statistics 3 hours
MATH 1910 - Calculus I 4 hours	MTH 125 - Calculus I 4 hours
<b>Gen Ed Requirement Total: 42 hours</b>	
<b>Area of Emphasis Requirements:</b>	
MATH 1920 - Calculus II 4 hours	MTH 225 - Calculus II 4 hours
MATH 2110 - Calculus III 4 hours	MTH 235 - Calculus III 4 hours
MATH 2010 - Linear Algebra 3 hours	MTH 232 - Linear Algebra 3 hours
MATH 2120 - Differential Equations 3 hours	MTH 236 - Ordinary Differential Equations 3 hours
Programming Language 3 hours	CSC 111 - Introduction to Computer Science 3 hours
<b>Area of Emphasis Total: 18 hours</b>	
<b>Total AS Degree: 62 hours</b>	
<b>Additional MC Core Requirements: 20 hours</b>	
	ETH 490 - Ethical Citizenship 3 hours
	Foreign Language 8 hours
	MTH 110 - Quantitative Analysis 3 hours
	WRC 370 - Cultural/Intercultural Dynamics 3 hours
	US Pluralism 3 hours
<b>Additional BA Major Requirements: 22-23</b>	
	CSC 231 - Discrete Structures 3 hours
	CSC 299 - Professional Practices 1 hour
	CSC 112/MTH221/MTH222/PHY202 3-4 hours
	MTH 302 or MTH 315 3 hours
	MTH 305 or MTH 321 3 hours
	MTH 351 - Senior Study I 3 hours
	MTH 352 - Senior Study II 3 hours
	CSC 381 or MTH 302 or higher 3 hours
<b>Additional Elective Requirements: 15-16 hours</b>	
<b>Total BA Degree: 120 hours</b>	