

Universal Transfer Paths

TBR Community Colleges to Maryville College

Community College - MATHEMATICS (AS)		Maryville College - MATHEMATICS (BS)	
General Education Requirments:		Course Equivalencies:	
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
Gen Ed Requirement Total:	45 hours		
Area of Emphasis Requirements:			
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
Area of Emphasis Total:	17 hours		
Total AS Degree:	62 hours		
Additional MC Core Requirements:	20 hours	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
Additional BA Major Requirements:	28-29	CSC 231 - Discrete Structures	3 hours
		CSC 299 - Professional Practices	1 hour
		CSC 112 or PHY202	3-4 hours
		MTH 302 - Modern Algebra	3 hours
		MTH 305 - Mathematical Modeling	3 hours
		MTH 315 - Advanced Calculus	3 hours
		MTH 321 - Probability & Statistics I	3 hours
		MTH 351 - Senior Study I	3 hours
		MTH 352 - Senior Study II	3 hours
		MTH 303 or higher or CSC 241/314/381	3 hours
Additional Elective Requirements:	9-10 hours		
Total BS Degree:	120 hours		