

Universal Transfer Paths
TBR Community Colleges to Maryville College

Community College - COMPUTER SCIENCE (AS)		Maryville College - COMPUTER SCIENCE (BA)	
General Education Requirements:		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		
PSY1010	3 hours	PSY 101	3 hours
PSYC/SOCI/ANTH	3 hours	PSY/SOC 149	3 hours
Natural Sciences (one 8-hour sequence)	8 hours		8 hours
BIO 1110, BIO 1120 or	8 hours	BIO 111, BIO 113	
CHM 1110, CHM 1120 or	8 hours	CHM 121, CHM 122	
PHYS 2010, PHY 2020 or	8 hours	PHY 101, PHY 102	
PHYS 2110, PHYS 2120	8 hours	PHY 201, PHY 202	
Mathematics	4 hours		
MATH 1910 - Calculus I	4 hours	MTH 125 - Calculus I	4 hours
Gen Ed Requirement Total:	42 hours		
Area of Emphasis Requirements:			
CISP 1010 - Computer Science I	4 hours	CSC 111 - Intro to Computer Science I	4 hours
CISP 1020 - Computer Science II	4 hours	CSC 112 - Intro to Computer Science II	4 hours
MATH 1920 - Calculus II	4 hours	MTH 225 - Calculus II	4 hours
MATH 2010 - Linear Algebra	3 hours	MTH 232 - Linear Algebra	3 hours
CISP 2410 - Assembly & Computer Organization	4 hours	CSC 221 - Computer Architecture	4 hours
Area of Emphasis Total:	19 hours		
Total AS Degree:	61 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:			
	33 hours	CSC 231 - Discrete Structures	3 hours
		CSC 241 - Data Structures	3 hours
		CSC 251 - Graphical User Interfaces	3 hours
		CSC 312 - Algorithm Design & Analysis	3 hours
		CSC 313 - Database Management Systems	3 hours
		CSC 321 - Introduction to Systems	3 hours
		CSC 349 - Selected Topics	3 hours
		CSC 351 - Senior Study I	3 hours
		CSC 352 - Senior Study II	3 hours
		CSC 381 - Theory of Computation	3 hours
		MTH 321 or 326 - Statistics or Numerical Analy	3 hours
Additional Elective Requirements:	14 hours		
Total BA Degree:	128 hours		