

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

**Community College - COMPUTER SCIENCE (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	
PSY1010	3 hours	
PSYC/SOCI/ANTH	3 hours	
Natural Sciences (one 8-hour sequence)	8 hours	
BIO 1110, BIO 1120 or	8 hours	
CHM 1110, CHM 1120 or	8 hours	
PHYS 2010, PHY 2020 or	8 hours	
PHYS 2110, PHYS 2120	8 hours	
Mathematics	4 hours	
MATH 1910 - Calculus I	4 hours	

**Gen Ed Requirement Total: 42 hours**

**Area of Emphasis Requirements:**

CISP 1010 - Computer Science I	4 hours
CISP 1020 - Computer Science II	4 hours
MATH 1920 - Calculus II	4 hours
MATH 2010 - Linear Algebra	3 hours
CISP 2410 - Assembly & Computer Organization	4 hours

**Area of Emphasis Total: 19 hours**

**Total AS Degree: 61 hours**

**Additional MC Core Requirements: 20 hours**

**Maryville College - COMPUTER SCIENCE (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
PSY 101 - Introductory Psychology	3 hours
PSY/SOC 149	3 hours
BIO 111, BIO 113	8 hours
CHM 121, CHM 122	
PHY 101, PHY 102	
PHY 201, PHY 202	
MTH 125 - Calculus I	4 hours

CSC 111 - Intro to Computer Science I	4 hours
CSC 112 - Intro to Computer Science II	4 hours
MTH 225 - Calculus II	4 hours
MTH 232 - Linear Algebra	3 hours
CSC 221 - Computer Architecture	4 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: 34 hours**

CSC 231 - Discrete Structures	3 hours
CSC 241 - Data Structures	3 hours
CSC 251 - Graphical User Interfaces	3 hours
CSC299 - Professional Practices	1 hour
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 Analysis	3 hours

**Additional Elective Requirements: 5 hours**

**Total BA Degree: 120 hours**