

**MAC to Central Methodist University
General Education Course Articulation
From A.A. to B.S. in Computer Science**

CMU Gen. Ed. Requirements		MAC A.A. Gen. Ed. Requirements		MAC Possible Add'l. Gen. Ed. Courses	
General Education Common Core					
PE111 Wellness	1	PED2700 Wellness I	1		
EN110 College Composition	3	ENG1330 English Comp I	3		
EN111 College Composition	3	ENG1340 English Comp II	3		
EN305/6 Expository or Technical Writing	3	No Equivalent			
CT101 Communication Skills	3	ENG1440 Public Speaking	3		
MA103 College Algebra or higher	3	MAT1230 College Algebra or higher	3		
RL122 Religion and the Human Adventure	3	Waived if AA		PHI1410 Comparative Religion	3
EN222 Character and Lit	3	Waived if AA		ENG1570 Intro to Prose/Lit	3
Science w/lab	4	Phys or Biological Science	5		
Valuing or Social Science (CJ, EC, HI, PL, PS, PY, SO)	3	Guided Electvie	3		
HI117, HI118, or PS101	3	HIS1230, HIS1240, or POS1180	3		
Additional General Education Requirements					
Additional Science	3	Phys or Biological Science	3		
Humanities/ Fine Arts	6	Guided Elective	6		
Social Science (CJ,CT,EC,HI, PY, SO)	6	Guided Elective	6		
Analytical Skills (MA, CS)	6	CIS1750, Math above MAT1230	6		
			3		
		PED2710 Wellness II	1		
	53		49		6

CMU Computer Science Major Requirement		MAC Equivalent		MAC Additional Courses Available	
CS172 .NET I	3	CSC2400 Programming in C++	3		
CS271 .NET II	3	No equivalent			
CS362 Database Systems & SQL	3	No equivalent			
CS363 Networking	3	No equivalent			
CS371 Concepts of MIS	3	No equivalent			
CS377 Computer Architecture & Operating Systems	3	No equivalent			
CS378 Data Structures & Algorithms	3	No equivalent			
CS480 Senior Thesis	3	No Equivalent			
SC425 Capstone Seminar	3	No Equivalent			
One from the following: CS236 Programming/Visual Basic CS237 Programming with Java CS272 Survey of Program Lang	3	CSC1500 Basic Programming SCS2420 Java Script Programming	3		
Two from the following: CS214 Web Page Design CS216 Web Programming CS231 Scientific Comp Program CS275 Mobile App Development	6	CSC2440 Web Programming	6		

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CS375 Game Programming MA107 Discrete Math		CSC1300 Video Game Design/ Development			
Total	36		12		

MINOR – 18 credit hours

CMU		MAC		Additional MAC credits	
General Education	53	General Education	49	General Education	6
Computer Science Major	36	Computer Science Major	12	Minor	18
Minor	18	Minor*		Electives	17
Electives	17	Electives			
	124		61		41

Students need 36 hours of 3xx coursework, 124 hours for graduation, and 30 hours in residency

***Hours may vary based upon academic Minor chosen**