

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

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		
MA105 Elementary Statistics	3	BUS2430 Intro to Statistics	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 (i.e. MAT1330)	6		
		PED2710 Wellness II	1		
	53		49		6

CMU Computer Science Major Requirement		MAC Equivalent		MAC Additional Courses Available	
MA118 Calculus/Analytic Geom I	5	MAT1650 Analytic Geom/Calc I	5		
MA209 Calculus/Analytic Geom II	5	MAT2150 Analytic Geom/Calc II	5		
MA308 Calculus/Analytic Geom III	5	MAT2250 Analytic Geom/Calc III	5		
MA480 Senor Project	3	No equivalent			
SC425 Senior Seminar	1	No equivalent			
Math Electives from the following MA107 Discrete Mathematics -3 MA108 Finite Mathematics -3 MA303 History of Mathematics -3 MA317 Modern Algebra - 4 MA318 Matrices Linear Algebra - 3 MA319 College Geometry – 4 MA320 Wrtg Mathematical Documents MA Elective as approved	20	MAT1303 Trigonometry -3 MAT2330 Differential Equations -3	6		
Total	39		21		

MINOR – 18 credit hours

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CMU		MAC		Additional MAC credits	
General Education	53	General Education	49	General Education	6
Mathematics Major	39	Mathematics Major	21	Minor	18
Minor	18	Minor*		Electives	17
Electives	14	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**