

Graduation Checklist for the Secondary Education Track of the B.A. in Mathematics

A Bachelor Degree in Mathematics that upon satisfactory completion of “guided electives” leads to PSC-approved teacher certification. This degree includes a total of **120 hours** with **27 hours of guided electives***, **6 hours**** in the B.A. degree in Mathematics program that students **must** take in upper division mathematics courses, and **state-testing requirements***** for teacher certification.

Core Area A - Essential Skills (9 hrs)			
Course	Grade	Sem/Yr	Hours
ENGL 1101			3
ENGL 1102			3
MATH 1112 or 1113			3

Core Area B - Regional & Global Perspectives (4 hrs)			
Course	Grade	Sem/Yr	Hours
PERS			2
PERS			2

Note: Each course must be from a different area of Perspectives

Core Area C - Humanities/Fine Arts (6 hrs)			
Course	Grade	Sem/Yr	Hours
ENGL ¹			3
²			3

¹ 2110, 2120, 2130, 2140

² ART 1100; COMM 1100, 1110; DANC 1500; MUSC 1100, 1110, 1120; MDIA 2000; THEA 1100; PHIL 2010, 2020; REL 2020; WMST 2010; ENGL 2110, 2120, 2130, 2140; any foreign language, usually 1002 or above.

Core Area D.2.a - Sci., Math, & Tech. (11 hrs)			
Course	Grade	Sem/Yr	Hours
MATH 2261			3
¹			4
¹			4

¹ BIOL 1107, 1108 (requires sub), CHEM 1211, 1212; PHYS 2211K, 2212K (sequence not required)

Core Area E - Social Sciences (12 hrs)			
Course	Grade	Sem/Yr	Hours
HIST ¹			3
POLS 1101			3
²			3
²			3

¹ 2111(H), 2112(H)

² AFAM/WMST 2020; ANTH 1102; ECON 1500, 1900; GEOG 1100, 1101, 1102, 1103; HIST 1011, 1012, 1013; POLS 2101, 2401, 2501; PSYC 2500; SOCI 1101, 1160

Core Area F - Course Appropriate to the Major (18 hrs - 1 in from D.2.a, 2 out to Supporting Courses)			
Course	Grade	Sem/Yr	Hours
MATH 2262			4
MATH 2263			4
¹ CS1010 or, CS1340			3
²			3
²			3
MATH 2261, spilled from D.2.a			1

Courses Required for the Major (33 hrs)			
Course	Grade	Sem/Yr	Hours
MATH 2150			3
MATH 3040			3
MATH 3340			3
MATH 3600			3
MATH 4081			3
MATH 4150			3
MATH 4260			3
MATH 4621			3
<u>MATH¹</u>			3
<u>MAED 3500</u>			3
MATH 4980			3

¹ MATH 3010, 3510, 4082, 4110, 4300, 4540, or 4910

Guided Electives for Certification (27 hrs)*			
Course	Grade	Sem/Yr	Hours
<u>MAED 2999</u>	<u>Admittance</u>		<u>0</u>
<u>EDUC 2110</u>	<u>Certification</u>		<u>3</u>
<u>EDUC 2120</u>	<u>Certification</u>		<u>3</u>
<u>EDUC 2130</u>	<u>Certification</u>		<u>3</u>
<u>SPEC 3000</u>	<u>Special Ed Requirement</u>		<u>3</u>
<u>MAED 4500</u>	<u>High School Methods</u>		<u>3-1-3</u>
<u>MAED 4790</u>	<u>Student Teaching</u>		<u>10</u>
<u>MAED 4800</u>	<u>Professional Development</u>		<u>2</u>

Recommended Course			
Course	Grade	Sem/Yr	Hours
KSPE 2150	First Aid-CPR		2

Testing		
Test	P/F	Sem/Yr
<u>GACE Program Admission Assessment***</u>		
<u>GACE Math Content Assessment***</u>		

C or better required for all MATH, CS, and **Certification** courses.

¹ choose 1.

² Part of 3-course For. Lang. sequence. If For. Lang. not taken in *Area C* then complete sequence in *Electives*.