

Associate of Science Degree Program in Mathematics or Pre-engineering

Students who complete this program are prepared to pursue the bachelor's degree in mathematics, engineering, or a related field at a senior college or university. Theoretical mathematicians develop new principles and new relationships between existing principles of mathematics. Applied mathematicians develop mathematical approaches to solve practical problems in business, government, engineering, and the sciences. Related career opportunities include education, actuarial science, operations research, and statistics.

Listed below is a suggested two-year schedule for this degree. Changes may be implemented by the student in direct consultation with the student's advisor.

ASSOCIATE OF SCIENCE: MATHEMATICS OR PRE-ENGINEERING 2 year Schedule

Year 1			
Fall		Spring	
Class	Credit Hours	Class	Credit Hours
ENGL 1101	3	ENGL 1102	3
MATH 1113	3	CISY 1105	3
HIST 2112	3	POLS 1101	3
BIOL 1107 or CHEM 1211	4	BIOL 1108 or CHEM 1212	4
HLTH 1103	2	Area E Elective	3
PE Class	1		
Total		Total	
	16		16
Year 2			
Fall		Spring	
Class	Credit Hours	Class	Credit Hours
COMM 1110	3	Area C Elective	3
MATH 2253	4	MATH 2254	4
PHYS 2211 or PHYS 1111	4	PHYS 2112 or PHYS 1112	4
CSCI 1301	4	ENGL Elective	3
PE Class	1	Area E Elective	3
Total		Total	
	16		17
Over all Total 65			

Associate of Science Degree Program in Mathematics or Pre-engineering Graduation Check-out

Name _____

Date: _____

Area A	
Engl 1101 _____	<i>required</i>
Engl 1102 _____	<i>required</i>
Math 1113 _____	<i>required</i>
Area A total hours	9 hrs <input style="width: 40px;" type="text"/>

Area B	
Cisy 1105 _____	<i>required</i>
Comm 1110 _____	<i>required</i>
Area B total hours	5 hrs <input style="width: 40px;" type="text"/>

Completed Areas	
Area A	
Area B	
Area C	
Area D	
Area E	
Area F	
Phys Ed	

Area C	
Engl 2111 _____	<i>Select two:</i>
Engl 2112 _____	<i>one of which must be english</i>
Engl 2120 _____	
Engl 2130 _____	
Arts 2205 _____	
Phil 1104 _____	
Thea 1100 _____	
Humi 2221 _____	
Music 1100 _____	
French 100X _____	
Span 100X _____	
Area C total hours	6 hrs <input style="width: 40px;" type="text"/>

Area E	
Hist 2112 _____	<i>required</i>
Pols 1101 _____	<i>required</i>
Econ 2105 _____	<i>select two of the following</i>
Hist 1111 _____	
Hist 1112 _____	
Hist 2100 _____	
Hist 2200 _____	
Hist 2220 _____	
Pols 2100 _____	
Pols 2200 _____	
Pols 2401 _____	
Psyc 1101 _____	
Psyc 2101 _____	
Soci 1101 _____	
Soci 1160 _____	
Soci 2293 _____	
Area E total hours	12 hrs <input style="width: 40px;" type="text"/>

GA History Requirement
Hist 2112

Area D	
Biol 1107/1108 _____	<i>Choose one of the two series</i>
Chem 1211/1212 _____	
Math 2253 _____	<i>Select one of the following</i>
CSCI 1301 _____	
CSCI 1302 _____	
ASTR 1101 _____	
SCIE 1111 _____	
SCIE 1121 _____	
Area D total hours	10 hrs <input style="width: 40px;" type="text"/>

Area F	
Math 2253 _____	<i>select 2 of 3 Math 2250's</i>
Math 2254 _____	
Math 2255 _____	
Phys 1111/1112 _____	<i>select one of the physics series</i>
Phys 2211/2212 _____	
two excess hours _____	<i>required</i>
from D	Area F total hours
	18 hrs <input style="width: 40px;" type="text"/>

GA Gov't Requirement
Pols 1101

Phys. Ed	
HLTH 1103 _____	<i>required</i>
Physical Ed _____	<i>two hours</i>
Phys. Ed total hours	<input style="width: 40px;" type="text"/>

Comments:
