

Pathway Map for: Math/Pre-Engineering

Student Name \_\_\_\_\_

ID Number 988 \_\_\_\_\_

Semester: 1	Credit Hours
ENGL 1101	3
MATH 1113	4
HIST 2111 OR 2112	3
SGSC 1000 *	1
PHED Course	1
BIOL 2107/CHEM 1211K	4
<b>Credit Hours</b>	<b>16</b>

Semester: 2	Credit Hours
ENGL 1102	3
POLS 1101	3
Area B Elective	3
BIOL 2108/CHEM 1212K	4
Area E Elective	3
DVRS 1101	1
<b>Credit Hours</b>	<b>17</b>

Semester: 3	Credit Hours
PHYS 2211/1111K	4
MATH 2253	4
AREA D approved Math or Science Elective	4
PHED Course	1
ENGL 2111 or 2112 or HUMN 2111 or 2112	3
<b>Credit Hours</b>	<b>16</b>

Semester: 4	Credit Hours
Area C Elective	3
PHYS 2212/1112K	4
MATH 2254	4
AREA E Elective	3
HLTH 1103	2
<b>Credit Hours</b>	<b>16</b>

**ASSOCIATE OF ARTS: Math/Pre-Engineering**

**AREA A - Essential Skills**

ENGL 1101.....	3
ENGL 1102.....	3
MATH 1113.....	4*
	9 hours

**AREA B - Institutional Options**

DVRS 1101.....	1
Select one of the following: ANTH 1102, 1104; COMM 1110, 2000, 2010; HIST 1111, 1112; POLS 2401; SOCI 2501;	
SABR 2001.....	3
	4 hours

**AREA C - Humanities/Fine Arts**

Select one of the following: ENGL 2111, 2112, HUMN 2111, 2112.....	3
Select one of the following: ARTS 2205; ENGL 2111, 2112, 2121, 2122, 2131, 2132; HUMN 2111, 2112; MUSI 1100; THEA 1100;	
Or any three hour foreign language.....	3
	6 hours

**AREA D - Science, Mathematics, Technology**

BIOL 2107K/2108K; CHEM 1211K/1212K.....	8
Select one of the following: ASTR 1010/1010L, 1020/1020L; BIOL 2000/2000L; CSCI 1301; PHSC 1011/1011L; PHYS 1111K, 1112K, 2211K PHYS 2212K; MATH 2253, 2254, 2255, SCIE 1111/1111L, SCIE 1121/1121L.....	4
	12 hours

Excess hour from Area D is used in Area F

**AREA E - Social Sciences**

HIST 2111 or 2112 .....	3
POLS 1101.....	3
Select two of the following: ECON 2105, 2106; HIST 1121, 1122, 2100,2111,2112,2200, HIST 2220; POLS 2100, 2200, 2401; PSYC 1101, 2101, 2201, PSYC 2103; SOCI 1101, 1160, 2293.....	6
	12 hours

**AREA F - Courses Related to the Program of Study**

MATH 2253 or MATH 2254.....	4
MATH 2254 or MATH 2255 .....	4
PHYS 1111K/2211K.....	4
PHYS 1112K/2212K.....	4
One excess hour from Area A and Area D.....	2
	18 hours

**Physical Education Requirements**

HLTH 1103.....	2
Physical Education .....	2
	4 hours

TOTAL

64 hours\*

(Not including success class)

Name \_\_\_\_\_ Date \_\_\_\_\_

## ASSOCIATE OF SCIENCE IN **Math/Pre-Engineering** GRADUATION CHECK-OUT

**Area A – Essential Skills**

ENGL 1101 \_\_\_\_\_ required  
 ENGL 1102 \_\_\_\_\_ required  
 MATH 1113 \_\_\_\_\_ required

9hrs

Area A total hours

**Area B – Institutional Options**

DVRS 1101 \_\_\_\_\_ required

Select one of the following:

ANTH 1102 _____	HIST 1111 _____
ANTH 1104 _____	HIST 1112 _____
COMM 1110 _____	POLS 2401 _____
COMM 2000 _____	SOCI 2501 _____
COMM 2010 _____	SABR 2001 _____

4hrs

Area B total hours

**Area C – Humanities/ Fine Arts**

Select one of the following:

ENGL 2111 \_\_\_\_\_  
 ENGL 2112 \_\_\_\_\_  
 HUMN 2111 \_\_\_\_\_  
 HUMN 2112 \_\_\_\_\_

Select one of the following:

ARTS 2205 _____	
ENGL 2111 _____	
ENGL 2112 _____	
ENGL 2121 _____	
ENGL 2122 _____	
ENGL 2131 _____	Any 3 hour foreign Language _____
ENGL 2132 _____	
HUMN 2111 _____	
HUMN 2112 _____	
MUSI 1100 _____	
THEA 1100 _____	

6hrs

Area C total hours

**Physical Education Requirements**

HLTH 1103 \_\_\_\_\_ required  
 Physical Ed \_\_\_\_\_ two hours

4hrs

Physical Ed. total hours

**Area D – Science, Mathematics, Technology**

Choose one of the two series:

BIOL 2107K _____	& BIOL 2108K _____
CHEM 1211 K _____	& CHEM 1212 K _____

Select one of the following:

ASTR 1010/1010L _____	SCIE 1111/1111L _____
ASTR 1020/1020L _____	SCIE 1121/1121L _____
BIOL 2000/2000L _____	MATH 2253 _____
CSCI 1301 _____	MATH 2254 _____
PHSC 1011/1011L _____	MATH 2255 _____

11hrs

Area D total hours

**Area E –Social Studies**

POLS 1101 \_\_\_\_\_ required

Select one of the following:

HIST 2111 \_\_\_\_\_  
 HIST 2112 \_\_\_\_\_

Select two of the following:

ECON 2105 _____	POLS 2200 _____
ECON 2106 _____	POLS 2401 _____
HIST 1121 _____	PSYC 1101 _____
HIST 1122 _____	PSYC 2101 _____
HIST 2100 _____	PSYC 2201 _____
HIST 2111 _____	PSYC 2103 _____
HIST 2112 _____	SOCI 1101 _____
HIST 2200 _____	SOCI 1160 _____
HIST 2220 _____	SOCI 2293 _____
POLS 2100 _____	

12hrs

Area E total hours

**Area F-Courses Related to the Program of Study**

PHYS 2211 K or PHYS 1111K \_\_\_\_\_ required  
 PHYS 2212 K or PHYS 1112K \_\_\_\_\_ required  
 MATH 2253 K \_\_\_\_\_ required  
 MATH 2254 K \_\_\_\_\_ required

Two excess hours from Area A and Area D = 2 hours

18hrs

Area F total hours

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

GA History Requirement
HIST 2111 or 2112

GA Gov't Requirement
Pols 1101

<p>Comments: <b>If student plans on going into Engineering then they have to take PHYS 2111 and 2212.</b></p>
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