

Associate of Science Degree Program in Physics or Pre-engineering

Students who complete this program are prepared to pursue the bachelor's degree in physics, engineering, or a related field at a senior college or university. Physicists use systematic observation and experimentation to investigate the structure of the universe and the interaction of matter and energy. Career opportunities include education, research, and product development. Engineers develop practical applications for scientific discoveries. Many career opportunities are found in subspecialties such as aerospace, chemical, civil, electrical, industrial, mechanical, mining, nuclear, and petroleum engineering.

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: PHYSICS 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	4	PHYS 2112	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 Physics or Pre-engineering Graduation Check-out

Name _____ Date: _____

Area A		
Engl 1101	_____ required	9 hrs
Engl 1102	_____ required	
Math 1113	_____ required	
Area A total hours		

Area B		
Cisy 1105	_____ required	5 hrs
Comm 1110	_____ required	
Area B total hours		

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

Area C		
Engl 2111	_____	6 hrs
Engl 2112	_____	
<i>Select two: one of which must be english</i>		
Engl 2120	_____	6 hrs
Engl 2130	_____	
Arts 2205	_____	
Phil 1104	_____	
Thea 1100	_____	
Humi 2221	_____	
Music 1100	_____	
French 100X	_____	
Span 100X	_____	
Area C total hours		

Area E		
Hist 2112	_____ required	12 hrs
Pols 1101	_____ required	
<i>select two of the following</i>		
Econ 2105	_____	
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		

GA History Requirement
Hist 2112

Area D		
Biol 1107/1108	_____	10 hrs
Chem 1211/1212	_____	
<i>Choose one of the two series and one other course from Area D</i>		
Math 2253	_____	
CSCI 1301	_____	
CSCI 1302	_____	
ASTR 1101	_____	
SCIE 1111	_____	
SCIE 1121	_____	
Area D total hours		

Area F		
Math 2253	_____	18 hrs
Math 2254	_____	
Math 2255	_____	
<i>select 2 of 3 Math 2250's</i>		
Phys 2211K	_____ required	18 hrs
Phys 2212K	_____ required	
two excess hours _____ required from D		
Area F total hours		

GA Gov't Requirement
Pols 1101

Phys. Ed		
HLTH 1103	_____ required	4 hrs
Physical Ed	_____ two hours	
Phys. Ed total hours		

Comments: