

PHYSICS/PRE-ENGINEERING
Associate of Science

Transfers toward the Bachelor of Science in Physics and the Bachelor of Science in Engineering. This degree requires passing or exempting the Regents' Testing Program and proof of computer literacy. RETP (Regent's Engineering Transfer Program) should follow this program of study. For more information about the RETP program, see page 117 of this catalog.

Course	Number		Credit Hours
AREA A Essential Skills (10 semester hours)			
ENGL	1101	English Composition I	3
ENGL	1102	English Composition II	3
MATH	2253	Calculus and Analytic Geometry I	4
AREA B Institutional Options (4 semester hours)			
COMM	1110	Fundamentals of Speech	3
Elective		BIOL 1001, COMM 1120, ENGL 1105, 1110, HIST 1050, 1051, HUMN 1000, 1100, PHED 1030, SOCI 1000	1
AREA C Humanities/Fine Arts (6 semester hours)			
Electives		ENGL 1201, 2111, 2112, 2120, 2121, 2130, 2131; HUMN 1201, MUSC 1100, or THEA 1100	6
AREA D Science/Mathematics/Technology (12 semester hours)			
CHEM	1211K	Principles of Chemistry I	4
CHEM	1212K	Principles of Chemistry II	4
MATH	2254	Calculus and Analytic Geometry II	4
AREA E Social Sciences (12 semester hours)			
HIST	2111 or 2112	United States History	3
POLS	1101	American Government	3
Electives		ANTH 1103, ECON 2105, 2106, GEOG 1100, 1101, 1111, HIST 1111, 1112, 2111, 2112, PHIL 1101, 1102, 1103, POLS 2101, 2201, 2301, 2401, PSYC 1101, 2101, 2103, 2204, 2250, SOCI 1101, 1160	6
AREA F Major Related (18 semester hours)			
MATH	2255	Calculus and Analytic Geometry III	4
PHYS	2211K	Principles of Physics I	4
PHYS	2212K	Principles of Physics II	4
Electives		CMPS 1301, 1302, 1371, ENGR 1105K, 1108K, MATH 2256, 2770, ASTR 1101, ENGR 2205, MATH 2403, MATH 2602	6
PHYSICAL EDUCATION			
PHED		Activity Elective	<u>1</u>
		Total	63