

All Bachelor Programs require a minimum of 128 credits and a 2.00 cumulative average.

BS		PHYSICS		Engineering Concentration		NAMS	
Stockton: BS in Physics; NJIT, Rowan or Rutgers: BS in Engineering							
The possible Engineering fields are listed on the back							
Academic Year				2019-2020		80 Program Credits	
A grade of "C-" or higher must be earned in all CHEM courses.							
PHYS 2220/25 Physics I w/lab				(6)		Choose ONE or TWO of the following courses based on the engineering field MATH 2225 Discrete Math (EE & CoE) PHYS 3120 Electrical Circuits (EE & CoE) PHYS 3200 Mech. Of Materials (ME, CE, ME) Choose ONE of the following courses: PHYS 3110 Electronics OR PHYS 3340 Optics Upper level Physics course that is not selected above Full year of courses at the engineering school _____ _____ _____ _____ _____ _____ _____	
PHYS 2230/35 Physics II w/lab				(6)			
PHYS 2300 Statics				(4)			
PHYS 2600 Colloquium				(0)			
PHYS 3010 Physics III				(5)			
PHYS 3220 Mechanics				(5)			
PHYS 3000 Elective				(4)			
PHYS 2410 Problem Solving using MATLAB				(2)			
CHEM 2110/15 Chemistry I w/lab				(5)			
MATH 2215 Calculus I				(5)			
MATH 2216 Calculus II				(5)			
MATH 2217 Calculus III				(5)			
MATH 3328 Differential Equations				(4)			
ENGN 4600 Engineering Seminar (4th yrs and till gradu)				(0)			
GENERAL STUDIES REQUIREMENTS:						48 Total Credits	
No more than 12 credits in any "G" category may be applied towards the BS degree.						32 Credits	
FRST 1120 Rhetoric & Composition				(4)		Upper level GSS/GAH (3000 level or higher)	
GIS-General Integration & Synthesis				(4)		GAH/GSS course (Student must complete 2 GSS and 2 GAH courses)	
GAH/GSS Freshman Seminar				(4)		Transferred engineering credits	
GSS/GAH course				(4)			
AT SOME DISTANCE Electives - Courses unrelated to your major						16 Credits	
GEN 2180 Engineering Graphics & CAD				(4)		ECON 1400 Introduction to Microeconomics	
CSIS 2101 Programming & Problem Solving I				(4)		MGMT 3110 Intro to Management	
GENERAL STUDIES OUTCOME REQUIREMENT: These courses are listed as attributes and should be completed within the 128 credits needed to graduate.							
(A) Arts				(V) Values/Ethics			
(H) Historical Consciousness				(I) International/Multicultural			
GENERAL STUDIES WRITING REQUIREMENT: (4 courses)							
Two W1 courses may be in transfer. W2 courses must be taken at Stockton.							
W1		W1/W2		W1/W2		W1/W2 at 3000 Level	
GENERAL STUDIES QUANTITATIVE REASONING REQUIREMENT: (3 courses)							
Two Q1 courses may be in transfer. Q2 courses must be taken at Stockton.							
Q1		Q2		Q1 or Q2			
Prerequisites must be met, check course description on the web.							

"The student is responsible for insuring that all graduation requirements are met" (Bulletin). Consult with your preceptor and/or the Center for Academic Advising on a regular basis.