

Physics or Engineering
Associate in Science

Concentration Requirements			Credit Hours
MATH	130	Calculus I.....	5
MATH	131	Calculus II.....	5
PHYS	203	Engineering Physics I.....	5
PHYS	208	Engineering Physics II.....	5
CHEM	124	College Chemistry I.....	5
COMP	138	Visual Basic Programming.....	3
		Concentration Electives*	10-12
Total			38-40

General Education Requirements			Credit Hours
ENGL	101	English Composition I.....	3
ENGL	102	English Composition II.....	3
COMM	101	Fundamentals of Speech.....	3
PED	116	Lifetime Fitness	1
		Humanities Electives	6
		Social and Behavioral Science Electives	6
Total			22
Program Total			60-62

***Concentration Electives (select 10-12 credit hours)**

MATH	201	Calculus III (5)
MATH	202	Differential Equations (3)
CHEM	126	College Chemistry II (5)
PHYS	210	Statics (3)
INDU	131	Engineering Graphics I (3)
COMP	135	C++ Programming (3)

For a listing of all Humanities, Social Science, Natural & Physical Science and General Education Electives, see page 105.

College Success Skills (LEAR 101) is required for all first-time, full-time students with fewer than 15 hours after high school graduation.

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Four Semester Plan

Semester 1 *

Course #	Course Title
MATH 130	Calculus I (5)
CHEM 124	College Chemistry I (5)
COMP 138	Visual Basic (3)
ENGL 101	English Composition I (3)
PED 116	Lifetime Fitness (1)
Semester Hours (17) Cumulative Hours (17)	

Semester 2

Course #	Course Title
MATH 131	Calculus II (5)
ENGL 102	English Composition II (3)
COMM 101	Fundamentals of Speech (3)
	Concentration Elective (3-5)
	Humanities/Social Science Elective (3)
Semester Hours (17-19) Cumulative Hours (34-36)	

Semester 3

Course #	Course Title
PHYS 203	Engineering Physics I (5)
	Concentration Elective (3-5)
	Humanities/Social Science Elective (6)
Semester Hours (14-16) Cumulative Hours (48-52)	

Semester 4

Course #	Course Title
PHYS 208	Engineering Physics II (5)
	Concentration Elective (6-10)
	Humanities/Social Science Elective (3)
Semester Hours (14-18) Cumulative Hours (62-70)	

* College Success Skills should be taken the first semester.

Pre-Professional Services