

Election of Major Engineering Science (54 hours)

2017-2018 Catalog

Name _____ I.D. Number _____

Planned Degree Completion Date: Mo. _____ Yr. _____

✓ One Degree: _____BA _____BS

Required Courses

Hours

Do not write in shaded area

MATH 121	Calculus I	4.0
MATH 122	Calculus II	4.0
MATH 231	Multivariable Calculus	4.0
MATH 245	Ordinary Differential Equations	3.0
MATH 251	Linear Algebra I (MATH 130 prereq.)	4.0
CPTR 105	Computer Programming	3.0
CHEM 111	General Chemistry I	3.0
CHEM 111L	General Chemistry I Lab	1.0
CHEM 113	General Chemistry II	3.0
CHEM 113L	General Chemistry II Lab	1.0
PHYS 210	General Physics I	4.0
PHYS 220	General Physics II	4.0

Choose one of the following sequences:

CHEM 235	Analytical Chemistry	3.0
CHEM 235L	Analytical Chemistry Lab	1.0
CHEM 311	Organic Chemistry I	3.0
CHEM 311L	Organic Chemistry I Lab	1.0
CHEM 341	Physical Chemistry I	3.0
CHEM 341L	Physical Chemistry I Lab (W)	1.0

OR

PHYS 301	Electricity and Magnetism	3.0
PHYS 301L	Electricity and Magnetism Lab	1.0
PHYS 310	Modern Physics	3.0
PHYS 310L	Modern Physics Lab	1.0
PHYS 320	Analytical Mechanics (W)	3.0
PHYS 320L	Analytical Mechanics Lab	1.0

The final year of the engineering science program is completed at another institution.

Explain transfer, substitutions, or other irregularities:

Advisor Signature _____ Date _____

Program Director Signature _____ Date _____

I understand I have final responsibility for monitoring my graduation requirements.

Student Signature _____ Date _____

Return this form to the Office of the Registrar