

PETREE COLLEGE OF ARTS & SCIENCES
Three (3) Year Plan - Dual Degree
PRE-ENGINEERING - ELECTRICAL TRACK

GENERAL EDUCATION

First Year – Fall Semester	✓	First Year – Spring Semester	✓
General Chemistry I (CHEM 1104) <input type="checkbox"/> General Chemistry I Lab (CHEM 1141) <input type="checkbox"/> Calculus I (MATH 2004) <input type="checkbox"/> English Composition I <input type="checkbox"/> Liberal Arts Seminar <input type="checkbox"/> Total: 15-16 CHs		General Chemistry II (CHEM 1104) <input type="checkbox"/> General Chemistry II Lab (CHEM 1141) <input type="checkbox"/> Calculus II (MATH 2104) <input type="checkbox"/> English Composition II <input type="checkbox"/> General education course(s) <input type="checkbox"/> Total: 15-16 CHs	
Second Year – Fall Semester	✓	Second Year – Spring Semester	✓
Approved elective: PHYS, MATH, BIOL, CSCI <input type="checkbox"/> Multivariate Calc (MATH 2203) <input type="checkbox"/> General education course(s) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Total: 15-16 CHs		Ordinary Differential Equations (MATH 3303) <input type="checkbox"/> Approved elective: PHYS, MATH, BIOL, CSCI <input type="checkbox"/> General education course(s) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Total: 15-16 CHs	
Third Year – Fall Semester	✓	Third Year – Spring Semester	✓
University Physics I (PHYS 2104) <input type="checkbox"/> University Physics I Lab (PHYS 2141) <input type="checkbox"/> Programming I (CSCI 1514) <input type="checkbox"/> Engineering Mathematics I (MATH 3804) <input type="checkbox"/> General education course(s) <input type="checkbox"/> <input type="checkbox"/> Total: 15-16 CHs		University Physics II (PHYS 2204) <input type="checkbox"/> University Physics II Lab (PHYS 2241) <input type="checkbox"/> Engineering Mathematics II (MATH 4803) <input type="checkbox"/> Approved elective: PHYS, MATH, BIOL, CSCI <input type="checkbox"/> General education course(s) <input type="checkbox"/> <input type="checkbox"/> Total: 15-16 CHs	
Fourth Year – Fall Semester	✓	Fourth Year – Spring Semester	✓
WASH U Dual-Degree Total: 15-16 CHs		WASH U Dual-Degree Total: 15-16 CHs	

& MINOR in:	
Courses	CHs

 Advisor Signature MM DD YYYY

 Student Signature MM DD YYYY

✓	Requirements:	BS	BA
<input type="checkbox"/>	English Composition I (ENGL 1113)	3	
<input type="checkbox"/>	English Composition II (ENGL 1213)	3	
<input type="checkbox"/>	Liberal Arts and Sciences Seminar (LAS 1063)	3	
<input type="checkbox"/>	The Bible and Culture (REL 1003) OR Introduction to World Religions (REL 2503)	3	
<input type="checkbox"/>	Literature: World (ENGL 2603) OR Western (ENGL 2103) OR British (ENGL 2403, 2413, 2703) OR American (ENGL 2713, 2813)	3	
<input type="checkbox"/>	Fine Arts (Any ART, FILM, MUS, THRE, DANC or INDP 1013)	3	
<input type="checkbox"/>	Philosophy/Ethics: PHIL/REL 2213, 2163 OR MGMT 2223 OR PHIL/PHRH 2513 OR PHIL/REL 2703	3	
<input type="checkbox"/>	American/U.S. History (HIST 1003 or HIST 1103) (International Students must take HIST 1113)	3	
<input type="checkbox"/>	American Governance (POLS 1113) (International students must take POLS 1013)	3	
<input type="checkbox"/>	Introduction to Sociology (SOC 2013) OR Introduction to Psychology (PSYC 1113)	3	
<input type="checkbox"/>	Mathematics (MATH 1503, ECON 2123, PSYC 2303 or a higher -level mathematics class)	3	
<input type="checkbox"/>	Methods of Scientific Inquiry (SCI 1003)	3	
<input type="checkbox"/>	Integrated Science Laboratory (SCI 1041) [Not required for those who have passed a 2000 level or above lab science]	1	
<input type="checkbox"/>	BS BA Foreign Language (BS/BFA requires 6 hours; BA requires 12 hours)	6	12
<input type="checkbox"/>	Cross-Cultural Studies		
<input type="checkbox"/>	Service Learning		
<input type="checkbox"/>	Capstone		
<input type="checkbox"/>	Public Speaking (PHRH 1103)	3	
<input type="checkbox"/>	Laboratory Science (BIOL, CHEM, or PHYS)	4	
<input type="checkbox"/>	International or Diversity (approved courses or study abroad)	3	

* Specific course offerings may vary dependent upon enrollment and faculty availability.