

ENGINEERING PHYSICS MAJOR

Code	Title	SHs
Lower Division Requirements		
CS 210	Introduction to Programming	3.00
CS 310	Data Structures	3.00
CS 336	Web and Database Applications	3.00
or CS 338	Mobile and Enterprise Computing	
EP 210	Introduction to Engineering Physics	2.00
EP 211	Engineering Physics Projects	1.00
EP 340	Engineering Statics	3.00
EP 341	Engineering Statics Lab	1.00
MT 360A	Calculus I	4.00
MT 360B	Calculus II	4.00
MT 360C	Calculus III	4.00
PH 304A	General Physics with Calculus I	3.00
PH 305A	General Physics with Calculus I Lab	1.00
PH 304B	Gen Physics with Calculus II	3.00
PH 305B	General Physics With Calculus II Lab	1.00
PH 350	Modern Physics	3.00
Upper Division Requirements		
EP 409	Dynamics and Analytical Mechanics	3.00
EP 410	Electricity and Magnetism	3.00
EP 421	Analog Electronics with Laboratory	4.00
EP 422	Digital Electronics with Laboratory	4.00
EP 465	Statistical Mechanics & Thermodynamics	3.00
EP 484	Senior Design Capstone I	3.00
EP 485	Senior Design Capstone II	3.00
MT 463	Differential Equations	3.00
PH 452	Experimental Methods in Physics	2.00
PH 460	Quantum Theory & Spectroscopy	3.00
Upper division electives selected in consultation with major advisor.		6.00
Selected courses from EP or CS		
Total SHs		76