

The Physics Major

(for students matriculating Fall 2014 or later)

Fall		Spring	
MATH140 – Calc I	4	MATH141 – Calc II	4
PHYS174 – Intro Majors Lab	1	PHYS171 – Intro Mechanics	3
ENGL101 (AW)	3	Ged Ed (OC)	3
Gen Ed (DS)	3	Ged Ed (DS)	3
Electives/Gen Ed	4	Electives/Ged Ed	3
Total – 15 Credits		Total – 16 Credits	
Fall		Spring	
MATH241 – Calc III	4	PHYS274 – Math Meth I	3
PHYS272 – Intro E&M	3	PHYS273 - Waves	3
PHYS275 – Mechanics Lab	2	PHYS276 – E&M Lab	2
Gen Ed (DS)	3	Gen Ed (DS)	3
Electives/Gen Ed	3	Electives/Gen Ed	3
Total – 15		Total - 14	
Fall		Spring	
PHYS165 - Programming	3	PHYS401 – Quantum I	4
PHYS371 – Modern Phys	3	PHYS404 – Stat Mech	3
PHYS373 – Math Meth II	3	PHYS375 – Optics Lab	3
ENGL390 (PW)	3	Gen Ed (SP)	3
Electives/Gen Ed (SP)	3	Electives	2
Total – 15 Credits		Total – 15 Credits	
Fall		Spring	
PHYS402 – Quantum II	4	PHYS405 – Adv. Expts.	3
PHYS410 - Mechanics	4	PHYS411 – E&M	4
PHYS4xx – Req. Elective	3	PHYS4xy – Req. Elective	3
Electives	4	Electives	5
Total – 15 Credits		Total – 15 Credits	

Black = Major Requirement, Blue = Gen Ed or Elective,