

PHYSICS

A. 45-Credit Physics Teaching Major

Code	Title	Hours
BIOL 114	Organisms and Environments	4
MATH 170	Calculus I	4
MATH 175	Calculus II	4
MATH 275	Calculus III	3
PHYS 103	General Astronomy	3
PHYS 211	Engineering Physics I	3
PHYS 211L	Laboratory Physics I	1
PHYS 212	Engineering Physics II	3
PHYS 212L	Laboratory Physics II	1
PHYS 213	Engineering Physics III	3
PHYS 305	Modern Physics	3
PHYS 411	Advanced Physics Lab	4
Select one of the following:		4
CHEM 101 & 101L	Introduction to Chemistry and Introduction to Chemistry Laboratory	
CHEM 111 & 111L	General Chemistry I and General Chemistry I Laboratory	
Select approved upper division Physics electives to total 45 credits in the teaching major		5
In addition, the following special methods sequence is also required:		
EDCI 433	Secondary Science Methods	3
EDCI 443	Secondary Science Methods Practicum	1
Total Hours		49

B. 20-Credit Physics Teaching Minor

Code	Title	Hours
PHYS 211	Engineering Physics I	3
PHYS 211L	Laboratory Physics I	1
PHYS 212	Engineering Physics II	3
PHYS 212L	Laboratory Physics II	1
PHYS 213	Engineering Physics III	3
PHYS 305	Modern Physics	3
Select Physics electives approved by advisor in Dept of Physics, including at least 2 credits of lab work.		6
Total Hours		20