



Minor in Applied Physics

Advisement Form 2010-2011

Name: _____ ID: _____

The Applied Physics minor consists of 25 units

Lower Division Requirements (12 units)		Instit.	Course	Units	Grade	Term	Prerequisites, GE & Comments
MATH 150 Calculus I	4						Prereq: Passing score on the Calculus Placement Exam or MATH 105; GE: B3
PHYS 200 General Physics I	4						Prereq: MATH 150; GE: B1
PHYS 201 General Physics II	4						Prereq: PHYS 200; GE: B1
Upper Division Requirements (13 units)							
Applied Physics (10-11 units)							
PHYS/COMP/MATH 345 Digital Image Processing	3						Prereq: Consent of instructor; GE: B1, B4, UDIGE
PHYS/BIOL/HLTH 434 Introduction to Biomedical Imaging	4						Prereq: BIOL 210 or PHYS 200; GE: B1, E, UDIGE
PHYS/COMP/MATH 445 Image Analysis and Pattern Recognition (or)	3						PHYS/COMP/MATH 345 or consent of instructor; GE: B1, B4, UDIGE
PHYS/BIOL 464 Medical Instrumentation	4						PHYS/BIOL/HLTH 434
Applied Physics Electives (2-3 units) <i>Select from the following:</i>							
PHYS 490 Topics in Physics	3						Prereq: Upper division standing & consent of instructor; Repeatable.
PHYS 492 Internship	3						Prereq: Upper division standing & consent of instructor; Repeatable.
PHYS 494 Independent Research	1-3						Prereq: Senior standing & consent of instructor; Repeatable.
PHYS 497 Directed Studies	1-3						Prereq: Senior standing & program approval; Repeatable.
PHYS 499 Senior Colloquium	1						Prereq: Senior standing; Repeatable.

Advisor _____ Advisor Comments _____ _____ _____ _____	Date Completed _____
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