ENGINEERING SCIENCE & PHYSICS
DOUBLE MAJOR

Engineering Science majors can earn a SECOND MAJOR IN PHYSICS by taking 12 ADDITIONAL HOURS beyond their Engineering Science requirements.

These 12 hours include:

(1) PHYS 3323 = Introduction to Modern Physics (fall semester of sophomore or junior year)

(2) PHYS 3335 = Electromagnetic Fields (fall semester of junior or senior year, often taken as Engineering Science elective anyway)

(3) ONE of these three options:
   (a) Two of the following four alternate-year courses:
       PHYS 4121 = Photonics & Electronics Lab I (Fall 2013)
       PHYS 4122 = Photonics & Electronics Lab II (Spring 2014)
       PHYS 4131 = Advanced Experimental Physics I (Fall 2014)
       PHYS 4132 = Advanced Experimental Physics II (Spring 2015)
   (b) PHYS 3325 = Optics (next offered in Spring 2014)
   (c) PHYS 3333 = Quantum Mechanics I (fall semester)

(4) 3 or 4 additional hours of any course(s) taught by the Department of Physics & Astronomy
   (3 hours if take 3325 or 3333, 4 hours if do option 3a)

PHYSICS MINOR FOR ENGINEERING SCIENCE MAJORS

Engineering Science majors can earn a MINOR IN PHYSICS by taking ONE ADDITIONAL COURSE beyond their Engineering Science requirements:

PHYS 3323 = Introduction to Modern Physics (fall semester of sophomore or junior year)

We would like to hear from all students who have an interest in pursuing either the double-major or minor option. It would be particularly valuable to know who is currently interested, so that we can anticipate and resolve any scheduling conflicts. Thank you.

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