

PROGRAM OF STUDY  
A.B. HONORS DEGREE – ENGINEERING SCIENCES  
ENGINEERING PHYSICS

NAME: \_\_\_\_\_ EMAIL: \_\_\_\_\_ CLASS: \_\_\_\_\_

REQUIREMENTS: 16 half-courses

<u>REQUIRED</u>	<u>GRADES</u>	<u>REQUIRED</u>	<u>GRADES</u>
<i>MATHEMATICS (four):</i>		<i>(four):</i>	
Mathematics 1a	_____	Physics 143a or	
Mathematics 1b	_____	Chemistry 160	_____
Applied Mathematics 21a	_____	Engineering Sciences 181 or	
and 21b or	_____	Physics 181	_____
Mathematics 21a	_____	Applied Physics 190	_____
and 21b or	_____	Applied Mathematics 105a,	
Mathematics 23a	_____	Applied Mathematics 105b,	
and 23b	_____	Applied Mathematics 111 or	
<i>PHYSICS (two):</i>		Applied Mathematics 147	_____
Physics 11a	_____		
and Physics 11b or	_____		
Physics 15a or 16	_____		
and 15b	_____		
<i>COMPUTER SCIENCE (one):</i>			
Computer Science 50	_____		

TRACK (pick one):

REQUIRED FOR MATERIALS OPTOELECTRONICS AND PHOTONICS (three):

1. Engineering Sciences 173 \_\_\_\_\_ 2. Engineering Sciences 174 \_\_\_\_\_
3. One from: Applied Physics 195, Physics 195, or Engineering Sciences 120 \_\_\_\_\_

REQUIRED FOR EARTH AND PLANETARY PHYSICS (three):

1. One from : Engineering Sciences 123, 162, Earth and Planetary Sciences 108, 131, 132  
\_\_\_\_\_
2. One from: Engineering Sciences 120, Earth and Planetary Sciences 166, 167  
\_\_\_\_\_
3. One from: Earth and Planetary Sciences 121, 161, Astronomy 135, 145  
\_\_\_\_\_

ELECTIVES (two): Engineering Sciences 91r (one term only), 120, 123, 125, 128, 162, 173, 174; Applied Mathematics 105a, 105b, 111, 115, 120, 147; Applied Physics 195; Astronomy 135, 145; Earth and Planetary Sciences 109, 131, 132, 133, 161, 166, 167, 171; Physics 123, 140, 153, 175, 195.

1. \_\_\_\_\_
2. \_\_\_\_\_

Student signature: \_\_\_\_\_ Date: \_\_\_\_\_

Adviser signature recommending approval: \_\_\_\_\_ Date: \_\_\_\_\_

Adviser indicate if a petition is needed: Yes \_\_\_\_ No \_\_\_\_

Director of Undergraduate Studies approval: \_\_\_\_\_ Date: \_\_\_\_\_

