

PHYSICS ADVISOR'S WORKSHEET rev5/30/08 (128 hours required)

STUDENT NAME \_\_\_\_\_ ID NO. \_\_\_\_\_

GENERAL EDUCATION REQUIREMENTS			
GROUP I COMPLETE <input type="checkbox"/>	ENGL 101 _____ ENGL 102 _____ HIST 1xx _____	FOR. LAN. _____ FOR. LAN. _____ HIST 1xx _____	
GROUP II COMPLETE <input type="checkbox"/>	MATH 141 _____ MATH 142 _____ CSCE 145 _____	GROUP III COMPLETE <input type="checkbox"/>	HUMANITIES FINE ARTS HIST* _____ OTHER _____
GROUP IV COMPLETE <input type="checkbox"/>	SOCIAL SCIENCES ECON 421 _____ OTHER _____	GROUP V COMPLETE <input type="checkbox"/>	CHEM 111 _____ CHEM 112 _____
APPLIED MAJOR DEGREE PROGRAM AND COGNATE			
PRE MAJOR <input type="checkbox"/>	PHYS 211 _____ PHYS 212 _____ PHYS 306 _____	PHYS 199 _____	
MAJOR <input type="checkbox"/>	PHYS 307 _____ PHYS 309 _____ PHYS 502 _____ PHYS 504 _____	PHYS 308 _____ PHYS 311/EMCH201 _____ PHYS 503 _____ PHYS 506 _____ (optional for MECH)	
COMPUTER OPTION REQUIRED			
<input type="checkbox"/>	ONE COURSE FROM: [ PHYS 501 _____ PHYS 512 _____ ]	PHYS 509 _____ PHYS 511 _____ PHYS 514 _____ ]	
<input type="checkbox"/>	ENGINEERING: CSCE 146 _____ either CSCE 211 _____ and CSCE 313 _____ or CSCE 245 _____ and CSCE 311 _____	CSCE 212 _____	
ONE ADDITIONAL COURSE CSCE 491 OR HIGHER** _____.			
ELECTRICAL OPTION			
<input type="checkbox"/>	TWO COURSES FROM: [ PHYS 501 _____ PHYS 510 _____ PHYS 512 _____ ]		
<input type="checkbox"/>	ENGINEERING ELCT 102 _____ ELCT 221 _____ ELCT 371 _____ CSCE 211 _____	ELCT 201 _____ ELCT 222 _____ ELCT 301 _____	
MECHANICAL OPTION			
<input type="checkbox"/>	THREE COURSES FROM: [ PHYS 501 _____ PHYS 511 _____ ]		
<input type="checkbox"/>	ENGINEERING EMCH 200 _____ EMCH 327 _____ EMCH 508 _____	EMCH 260 _____ EMCH 360 _____	PHYS 509 _____ PHYS 512 _____ PHYS 514 _____ EMCH 290 _____ EMCH 507 _____
MATH REQUIREMENT (MAY BE USED FOR COGNATE)***			
<input type="checkbox"/>	COMPLETE MATH 241 _____ MATH 242 _____	MATH 5XX _____ MATH 5XX _____	

\* Students are required one course in fine arts history for group III. These courses are ARTH 105, 106; ARTE 101; THSP 200, 561, and 562 only; MUSC 110; and other courses in Music History and Literature.  
 \*\*Students taking CSCE 313 should take CSCE 513. Others choose from 491, 567, or 574.  
 \*\*\* MATH 544 and 550 are particularly recommended. Other useful math courses include MATH 520, 521, 526, 527, 552, 554, 555.