FALL 2012

College of Science, Engineering and Technology

Approved: Academic Affairs
L. Brown-Wright
Dr. Lynda Brown-Wright, Provost

Major: PHYSICS
Concentration: Alternate Careers
Indicate Summer Courses in Comments Section

Entering Term: _____
Expected Graduation Date:_____
Advisor: _____

FRESHMAN YEAR FALL 1st SEMESTER				
COURSE	COURSE TITLE	CREDIT HOURS	GRADE	NOTES
UNIV 100	University Success	2		
ENG 104	Composition	3		
HIST 101	History Of Civilization	3		
BIO 111 & BIOL111	General Biology & Lab	3		
CHEM 141 & CHML 141	General Chemistry I and Lab	4		
PHY 198	Physics Seminar	0.5		
	TOTAL CREDIT HOURS	15.5	GRADE POINT AVERAGE	

Comments:_____

FRESHMAN YEAR SPRING 2ND SEMESTER				
COURSE	COURSE TITLE	CREDIT HOURS	GRADE	NOTES
MATH 241	Calculus I and Lab	3		
ENG 105	Composition	3		
HIST 102	History of Civilization	3		
HE 101	Concepts of Health	3		
CHEM 142 & CHML 142	General Chemistry II and Lab	4		
PHY 199	Physics Seminar	0.5		
	TOTAL CREDIT HOURS	16.5	GRADE POINT AVERAGE	

Comments:_____

SOPHOMORE YEAR FALL 1ST SEMESTER				
COURSE	COURSE TITLE	CREDIT HOURS	GRADE	NOTES
ENG 205	World Literature	3		
PHY 211 & PHYL 211	General Physics I and Lab	5		
MATH 242	Calculus II and Lab	3		
ELECTIVE	Career Elective I	3		
ENG 206	Literature of Science	3		
PHY 298	Physics Seminar	0.5		
	TOTAL CREDIT HOURS	17.5	GRADE POINT AVERAGE	

Comments:_____

SOPHOMORE YEAR SPRING 2ND SEMESTER				
COURSE	COURSE TITLE	CREDIT HOURS	GRADE	NOTES
CSC 115	Digital Computer Principles	3		
ELECTIVE	Career Elective II	3		
PHY 212 & PHYL 212	General Physics II and Lab	5		
MATH 243	Calculus III With Lab	3		
SPCH 201	Speech Arts	3		
PHY 299	Physics Seminar	0.5		
	TOTAL CREDIT HOURS	17.5	GRADE POINT AVERAGE	

English Proficiency: Date taken_____ Pass or Fail If Failed: English 399 (Functional Writing): Date Taken_____ Pass or Fail

Comments:_____

FALL 2012

JUNIOR YEAR FALL 1ST SEMESTER				
COURSE	COURSE TITLE	CREDIT HOURS	GRADE	NOTES
MFL 101	Modern Foreign Language	3		
PHY 351	Thermal and Statistical Physics	3		
PHY 311	Theoretical Mechanics	3		
PHY 361	Math Methods of Physics I	3		
MATH 244	Calculus IV with Lab	3		
PHY 398	Physics Seminar	0.5		
	TOTAL CREDIT HOURS	15.5	GRADE POINT AVERAGE	

Students who have completed two years of a single foreign language in high school with a grade of 'C' are exempt from foreign language requirements; however, the student must take 6 hours of electives to replace the foreign language credits.

Comments:_____

_____

JUNIOR YEAR SPRING 2ND SEMESTER				
COURSE	COURSE TITLE	CREDIT HOURS	GRADE	NOTES
MFL 102	Modern Foreign Language	3		
PHY 330W	Methods of Experimental Physics	3		
MUS 205	Fine Arts Elective	3		
ELECTIVE	Career Elective III	3		
PHIL 301	Introduction to Philosophy	3		
PHY 399	Physics Seminar	0.5		
	TOTAL CREDIT HOURS	15.5	GRADE POINT AVERAGE	

Students who have completed two years of a single foreign language in high school with a grade of 'C' are exempt from foreign language requirements; however, the student must take 6 hours of electives to replace the foreign language credits

Comments:_____

_____

SENIOR YEAR FALL 1ST SEMESTER				
COURSE	COURSE TITLE	CREDIT HOURS	GRADE	NOTES
PHY 422	Quantum Mechanics	3		
ELECTIVE	General Elective	3		
ELECTIVE	Career Elective IV	3		
PHY 411	Electromagnetic Theory I	3		
PHY 498	Physics Seminar	0.5		
	TOTAL CREDIT HOURS	12.5	GRADE POINT AVERAGE	

Comments:_____

_____

SENIOR YEAR SPRING 2ND SEMESTER				
COURSE	COURSE TITLE	CREDIT HOURS	GRADE	NOTES
PHY 431	Atomic and Molecular Physics	3		
SOC/SS	Social Science Elective	3		
ELECTIVE	Physics Elective	3		
ELECTIVE	Career Elective V	3		
PHY 499	Physics Seminar	0.5		
	TOTAL CREDIT HOURS	12.5	GRADE POINT AVERAGE	

Comments:_____

_____

On-line Graduation Clearance (TO BE COMPLETED DURING THE GRADUATING SEMESTER ONLY)

TOTAL HOURS: 124 (REQUIRED)

*Candidates that transfer 12 or more hours of college credit are exempt from UNIV 100: University Success: however, the student must take 2 hours of general electives to replace the UNIV course.

*All students must take the Undergraduate English Proficiency Examination (UEPE) after the sophomore year. Students not passing the exam must take **ENG 399**

_____ _____

STUDENT SIGNATURE DATE ADVISOR SIGNATURE DATE

FALL 2012

Philosophy Options

PHIL 301 Introduction to Philosophy
PHIL 416 Logic
PHIL 208 Aesthetics
PHIL 309 Ethics

Restricted Elective Options:

CSC 215 Data Analytics
CSC 225 Discrete Structures
PHY 328 Digital Electronics for Scientists

Physics Elective Options:

PHY 241 Introduction to Astronomy
PHY 430W Methods of Experimental Physics II
PHY 433 Solid State Physics
PHY 449 Special Topics in Physics
PHY 461 Computational Physics

Speech Options

SPCH 201 Speech Arts
SPCH 300 Introduction to Organization Communication
SPCH 334 Argumentation and Debate
SPCH 355 Persuasion
SPCH 430 Small Group Discussion

Humanities and Fine Arts

ART 206 Art Appreciation
MUS 205 Music Appreciation
DR 201 Introduction to Drama
ENG 201/202 Humanities
FR 101/102 Elementary French
FR 201/202 Intermediate French
FR 213 French Phonetic Reading
SP 101/102 Elementary Spanish
SP 201/202 Intermediate Spanish