



College of Science, Engineering and Technology

Approved: Academic Affairs

L. Brown-Wright

Dr. Lynda Brown-Wright, Provost

Major: PHYSICS
Concentration: NONE

Entering Term: _____

Expected Graduation Date: _____

Advisor: _____

Indicate Summer Courses in Comments Section

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 2 ND 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		
CSC 115	Digital Computer Principle	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 1 ST SEMESTER				
COURSE	COURSE TITLE	CREDIT HOURS	GRADE	NOTES
ENG 205	World Literature	3		
PHY 211 & PHY 212	General Physics I and Lab	5		
MATH 242	Calculus II and Lab	3		
PHY 205	Introduction to Nanoscience	3		
PHY 298	Physics Seminar	0.5		
TOTAL CREDIT HOURS		14.5	GRADE POINT AVERAGE	

Comments: _____

SOPHOMORE YEAR SPRING 2 ND SEMESTER				
COURSE	COURSE TITLE	CREDIT HOURS	GRADE	NOTES
ENG 206	Literature of Science	3		
PHY 212 & PHY 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		14.5	GRADE POINT AVERAGE	

English Proficiency: Date taken _____ Pass or Fail

If Failed: English 399 (Functional Writing): Date Taken _____ Pass or Fail

Comments: _____

JUNIOR YEAR FALL 1 ST SEMESTER				
COURSE	COURSE TITLE	CREDIT HOURS	GRADE	NOTES
MUS 205	Fine Arts Elective	3		
MFL 101	Modern Foreign Language	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 2 ND SEMESTER				
COURSE	COURSE TITLE	CREDIT HOURS	GRADE	NOTES
MFL 102	Modern Foreign Language	3		
PHY 330W	Methods of Experimental Physics	3		
PHY 312	Theoretical Mechanics II	3		
ELECTIVE	General Elective	3		
PHY 362	Methods of Math Physics II	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 1 ST SEMESTER				
COURSE	COURSE TITLE	CREDIT HOURS	GRADE	NOTES
PHY 351	Thermal and Statistical Physics	3		
PHY 422	Quantum Mechanics	3		
SOC/SS	Social Science Option	3		
PHIL 301	Introduction to Philosophy	3		
PHY 411	Electromagnetic Theory I	3		
PHY 498	Physics Seminar	0.5		
TOTAL CREDIT HOURS		15.5	GRADE POINT AVERAGE	

Comments: _____

SENIOR YEAR SPRING 2 ND SEMESTER				
COURSE	COURSE TITLE	CREDIT HOURS	GRADE	NOTES
PHY 431	Atomic and Molecular Physics	3		
PHY 412	Electromagnetic Theory II	3		
ELECTIVE	Physics Elective	3		
ELECTIVE	Physics Elective	3		
HE 101	Concepts of Health	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 _____

**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