



# FLORIDA STATE UNIVERSITY

## College of Arts & Sciences: Physics & Materials (BS)



### Admission Information

❖ Limited Access – No

❖ Minimum GPA = 2.00 overall

❖ Limited Enrollment - No

❖ Test Required – No

❖ College Application Required – No

❖ Admits every semester

**\*\* This is a recommended sequence of courses for general advisement purposes only.  
Students are encouraged to meet with their academic advisor\*\***

## Required Pre-Requisite Courses\*

(C minus or higher required in each course)

### FSU COURSES

MAC2311 Calculus I  
 MAC2312 Calculus II  
 MAC2313 Calculus III  
 PHY2048c General Physics A  
 PHY2049c General Physics B  
 CHM1045 General Chemistry I + Lab  
 CHM1046 General Chemistry II + Lab recommended  
 MAP2302 Ordinary Differential Equations recommended

### TCC COURSE EQUIVALENT

MAC2311  
 MAC2312  
 MAC2313  
 PHY2048/L  
 PHY2049/L  
 CHM1045/L  
 CHM1046/L  
 MAP2302

**\* This schedule assumes that the student already has credit for MAC 1105 College Algebra, MAC1114 Analytic Trigonometry and MAC1140 Pre-Calculus via accelerated credit while in high school.**

### YEAR 1 TCC

FALL		SPRING	
ENC1101	(3)	ENC 1102/ENC1141	(3)
MAC2311	(5)	MAC2312	(5)
CHM1045 + CHM1045 Lab (NSLab)*	(4)	CHM1046 + CHM1046 Lab recommended	(4)
TCC Core Soc Sci, Area B, Group 2: SLS1510 or SLS2261	(3)	State Core Humanities, Area A: THE2000 recommended (Div)*	(3)
State Core Soc Sci, Area A, Group 2: AMH2020 or POS1041 (Civ Lit)*	(3)	Modern Language I recommended	(4)
<b>Total: 18</b>		<b>Total: 18</b>	

**\*MAC2313 (5) recommended to be taken the Summer semester in-between 1<sup>st</sup> and 2<sup>nd</sup> year at TCC.\***

### YEAR 2 TCC

FALL		SPRING	
MAP2302	(3)	TCC Core Soc Sci, Area B, Group 1	(3)
PHY2048 + PHY2048 Lab	(5)	PHY2049 + PHY2049 Lab	(5)
State Core Soc Sci, Area A, Group 1	(3)	TCC Core Humanities, Area B: HUM2210 recommended (SIP)*	(3)
Modern Language II recommended	(4)	Modern Language III recommended	(4)
<b>Total: 15</b>		<b>Total: 15</b>	

*\*FSU Graduation Requirement: NSLab = Natural Science Lab, Civ Lit = Civic Literacy, Div = Diversity, SIP = Scholarship in Practice*

**Total Credits: 71**

# Transfer to the University Information

**Website:** <https://admissions.fsu.edu/transfer/>

**Email:** [admissions@fsu.edu](mailto:admissions@fsu.edu)

**Phone:** (850) 644-6200

**Address:** Florida State University  
Office of Admissions  
A2500 University Center  
282 Champions Way  
Tallahassee FL 32306-2400

## Major Information

**FSU College of Arts & Sciences:** <https://artsandsciences.fsu.edu/>

**Department of Physics:** <https://physics.fsu.edu/>

**Email:** [bwilcoxon@fsu.edu](mailto:bwilcoxon@fsu.edu)

## Employment Information

**FSU Career Center:** <https://www.career.fsu.edu/>

**Representative Job Titles Related to this Major:** Design Engineer, Materials Engineer, Metallurgist, Product/Process Development Scientist, Research Scientist, Technical Sales Engineer, High School Teacher, Patent Examiner, Project Manager, Manufacturing Systems Engineer. With additional education: Biophysicist, Geophysicist, Astrophysicist, Nuclear Physicist, Theoretical Physicist, Experimental Physicist, Solid State Physicist, College Professor, Low Temperature Physicist, Laser Physicist, Consultant, Aero dynamist, Stress Analyst.

**Representative Employers:** Aerospace, Automotive, Chemical Companies, Colleges and Universities, Electronics Firms, Engineering Firms, Governmental Agencies, Laboratories, Manufacturers, Oil and Gas, Pharmaceuticals, Research/Development Firms, School Boards, Telecommunications.