

What will I be studying?

Physical Sciences is an interdisciplinary major consisting of coursework in physics, chemistry, geosciences, and math. The BA program prepares students for work in technical fields requiring a background in one or more of the physical sciences. It has less required major coursework, and so, allows for more freedom to take electives outside the physical sciences.

Career Ideas!

Engineering Connected

Use math and science to solve different technical problems; develop new products for companies or individuals.

Research and Technical

Operate laboratory tools and equipment; process data for experiments, analyze experiment results, record observations, and create reports for further examination.

Educator/Teacher

Teach courses pertaining to the laws of matter and energy; includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.

**Please note this is not a complete list of careers you can go into with this major.



Science Center (SCA) 203



PhysicsAdvise@usf.edu



<http://physics.usf.edu/>

Contact Us

Society of Physics Students at USF

Sigma Pi Sigma

Astronomy Club at USF

American Physical Society

The American Institute of Physics

Get Involved!

Example Four Year Plan

Year 1		
Fall	Spring	Summer
CHM 2045: Chemistry 1**	CHM 2046: Chemistry 2	Non-Major Elective
CHM 2045L: Chemistry 1 Lab **	CHM 2046L: Chemistry 2 Lab	
ENC 1101: Composition 1	MAC 2311: Calculus 1**	
Core Humanities	ENC 1102: Composition 2	
Core Social Science Course	Enhanced Gen-Ed: Human/Cultural Diversity	
Total Hours: 13	Total Hours: 14	Total Hours: 3
Year 2		
Fall	Spring	Summer
MAC 2312: Calculus II	MAC 2313: Calculus III	Non-Major Elective
PHY 2048: Calc-Based Physics I	PHY 2049: Calc-Based Physics II	
PHY 2048L: Calc-Based Physics I Lab	PHY 2049L: Calc-Based Physics II Lab	
Foreign Language I	Foreign Language II	
Non-Major Elective		
Total Hours: 15	Total Hours: 12	Total Hours: 3
Year 3		
Fall	Spring	Summer
Major Elective Course	Computational Science Course	Upper-Level Non-Major Elective
Major Elective Course	Major Elective Course	
Major Elective Course	Enhanced Gen-Ed: Info & Data Literacy	
Enhanced Gen-Ed: Creative Thinking	Upper-Level Non-Major Elective	
Upper-Level Non-Major Elective	Upper-Level Non-Major Elective	
Total Hours: 15	Total Hours: 15	Total Hours: 3
Year 4		
Fall	Spring	Total Credits to Graduation
Computational Science Course	Major Elective Course	Major Requirements: 53 credit hours
Major Elective Course	Major Elective Course	
Enhanced Gen-Ed: Ethical Reasoning & Civic Engagement	Enhanced Gen-Ed: High Impact Practice	General Education Requirements: 27 credit hours
Upper-Level Non-Major Elective	Upper-Level Non-Major Elective	
Upper-Level Non-Major Elective		Other Degree Requirements: 40 credit hours
Total Hours: 15	Total Hours: 12	Total= 120

**May require completion of additional math pre-requisites (consider the [MPT](#) or [CPT](#) exams)