

 FLORIDA ATLANTIC UNIVERSITY	NEW/CHANGE PROGRAM REQUEST Undergraduate Programs		UUPC Approval _____ UFS Approval _____ Banner _____ Catalog _____
	Department <u>Physics</u> College <u>Science</u>		
Program Name Undergraduate Minor	<input type="checkbox"/> New Program* <input checked="" type="checkbox"/> Change Program*	Effective Date <i>(TERM & YEAR)</i> Fall 2023	
<p>Please explain the requested change(s) and offer rationale below or on an attachment.</p> <p>We have found that with our current programs, we are becoming less competitive with our peers not only in the Charles E Schmidt College of Science, but also within the Florida SUS. Recently we have been getting a greater percentage of transfer students, particularly from the State College system. If not in touch with FAU before they arrive on campus, they can show up with credit counts that are too high for Physics to be a viable option for them. In addition, our programs are currently at the upper end of the range of required credits in the Florida SUS.</p> <p>To address both problems, we would like to change the credit count for our upper-division courses to be more in line with our peers across the Florida SUS. The majority of our peers have 3 cr upper-division courses in the physics curriculum. Applying this change to our undergraduate minor will remove 2 credits from the required number.</p>			
<p><i>*All new programs and changes to existing programs must be accompanied by a catalog entry showing the new or proposed changes.</i></p>			
Faculty Contact/Email/Phone Korey Sorge ksorge@fau.edu 7-3380		Consult and list departments that may be affected by the change(s) and attach documentation Physics	
Approved by Department Chair _____ College Curriculum Chair _____ College Dean _____ UUPC Chair _____ Undergraduate Studies Dean _____ UFS President _____ Provost _____		Date <u>3/16/23</u> <u>3-16-23</u> _____ _____ _____ _____	

Email this form and attachments to mjenning@fau.edu seven business days before the UUPC meeting.

Physics

Undergraduate Minor

The department offers a minor in Physics to interested students seeking bachelor's degrees in other fields. It is expected that most students interested in this program will major in fields sufficiently closely related that most of the undergraduate physics core will also fulfill major requirements. Students interested in this program should consult with the department's undergraduate advising committee prior to enrolling.

In addition to the undergraduate physics core described above, candidates for a minor in Physics must complete the following required courses:

Intermediate Physics Courses		
Survey of Modern Physics	PHY 3101C	4 3
Choose at least one course from the following list:		
Classical Mechanics	PHY 3221	4 3
Electromagnetism 1	PHY 3323	4 3
Physical Electronics	PHY 3722C	4 3
Statistical Physics	PHY 4523	4 3
Quantum Mechanics 1	PHY 4604	4 3
Computational Physics	PHZ 3151C	4 3
Total		8 6

Overall, this degree program requires ~~26~~ 31 lower-division credits in physics and mathematics and ~~8~~ 6 credits of upper-division physics. Some of the lower-division credits may also satisfy candidates' major requirements. At least 75 percent of all credits required for the minor must be earned from FAU.