

Students are admitted to UCSC with a "proposed major" in most cases, and later petition to officially declare the major. Admission to UCSC does not guarantee acceptance into a particular major. Junior transfer students must be officially declared in a major by the deadline in their second quarter of enrollment.

Major: PHYSICS/ASTROPHYSICS

Qualification requirements and/or prerequisites for the major:

Transfer students must pass equivalents of the following courses with a GPA of 2.7 or better:

- Physics 5A
- Physics 5B
- Physics 5C

Transfer students must also pass the equivalents of the associated lab courses and Math 19A, Math 19B and Math 23A.

<https://admissions.ucsc.edu/apply/transfer-students/major-prep.html#physics>

Transfer students who intend to pursue this major should do the following prior to the beginning of their first term...

Although these are not required, they will help a student graduate in two years:

- Complete a course equivalent to Physics 5D
- Fulfill IGETC or partial IGETC
- (if possible) complete a course equivalent to Math 23B
- (if possible) complete courses equivalent to Math 21 and Math 23 with grades of B or better in each.

Students who have taken college-level transferable classes that may apply to the requirements of this major should submit an unofficial transcript to the adviser prior to July 1, in addition to the official transcript that is required by the UCSC Admissions Office.

...and should take these courses their first term:

- PHYS 5D: *Heat, Thermodynamics, and Kinetics* (2 credits) or, if this has been completed, PHYS 102: *Modern Physics*,
- MATH 23B: *Multivariable Calculus*

In order to find other suitable courses to take, especially for students who have completed either or both of these, please consult

<http://www.physics.ucsc.edu/academics/ugrad/options.html> and the Physics Adviser physicsadvising@ucsc.edu

If unable to enroll in courses listed above:

Sign up for a wait list when available: please check the Physical and Biological Sciences Quarterly Enrollment Report for updated information about enrollment and wait list availability:

<http://undergrad.pbsci.ucsc.edu/enrollment/index.html> (Email physicsadvising@ucsc.edu if you have questions.)

Skills important for success in this major:

Critical and logical thought, complex problem solving using scientific rules and methods, deductive and inductive reasoning.

Other information:

Transfer students do not receive credit toward the major for PHYS 5D or MATH 23B if taken at a different school. Students must petition to the Math/Physics Adviser if they wish to receive credit.

Links to More Information:

<http://admissions.ucsc.edu/academics/majors/> (general info)
<http://registrar.ucsc.edu/catalog/programs-courses/> (major requirements, course descriptions, etc.)
<http://www.physics.ucsc.edu/academics/ugrad/> (program website)
<http://www.assist.org/web-assist/welcome.html> (transfer credit info)

Questions?
Contact an Adviser!

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