UNIVERSITY OF CALIFORNIA, SANTA CRUZ  
NEW STUDENT MAJOR ADVISING SUMMARY FOR 2015-2016 TRANSFER STUDENTS

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

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

- Physics 5A, 5B, and 5C

[http://undergrad.pbsci.ucsc.edu/physics/transfer-students/transfer-admissions.html](http://undergrad.pbsci.ucsc.edu/physics/transfer-students/transfer-admissions.html)

For more detailed information see the Physics Program Transfer Preparation webpage: [http://undergrad.pbsci.ucsc.edu/physics/transfer-students/transfer-prep.html](http://undergrad.pbsci.ucsc.edu/physics/transfer-students/transfer-prep.html)

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.

### Qualification requirements and/or prerequisites for the major:

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

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

- Physics 5D: *Heat, Thermodynamics, and Kinetics* (2 credits), and
- Math 23B: *Multivariable Calculus*

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](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 Physics 5D or Math 23B if taken at a different school. Students must petition this with the Math/Physics Adviser if they wish to receive credit.

### Links to More Information:

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

### Questions? Contact an Adviser!

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