

Operations Research and Management Science Info Sheet

In the ORMS major, students will develop solid quantitative, model building, and problem solving skills through core courses in mathematics, statistics, and operations research, and will learn how to apply these skills these skills in solving problems in an area of their choice.

Curriculum: [ORMS Curriculum.pdf](#)

Who should take this major?

Students who enjoy and are good at mathematics, computers, and solving practical, multi-disciplinary problems. Keep in mind the program is very math intensive so if math is a difficult subject for you this may not be the right program for you.

Will the major be capped?

Yes. This is a very popular major, and we only have space for about 25 students, so you should have a back up plan. There is an OR concentration in the math department that might be a good choice. To be added to the waiting list contact Anayancy Paz, anayancy@berkeley.edu (4145 Etcheverry).

When can I declare the major?

You can declare a major after you have completed at least one semester at UC Berkeley. The ORMS major is impacted and to be considered for admission, students should have a minimum of a 3.2 Berkeley GPA in the prerequisite courses. Applications must be submitted by invitation only. To be considered for invitation, request to be added to the waiting list by contacting Anayancy Paz, anayancy@berkeley.edu (4145 Etcheverry). The program plan cannot be approved if students will have completed more than 80 semester units prior to your last intended semester (AP units do not count towards this 80 unit ceiling).

All four classes (Math 53, Math 54, Econ 1, 2 or 3 and UGBA 10) must be completed prior to acceptance to the major and all must be taken for a letter grade. Students should apply to the major at the end of the semester in which they are enrolled in their final prerequisites. Transfer students should apply at the end of their first semester at Berkeley. Admissions decisions will not be made until any prerequisite courses in progress are finished and grades are available.

Many factors are considered in determining admission. The main criterion is academic performance as measured by Berkeley GPA in the prerequisite courses.

The petition to declare a major is available from L&S office in Campbell Hall or from the L&S website: <http://ls-advise.berkeley.edu/fp/fp.html>

What GPA is required?

Maintain a 3.2 (at Berkeley) GPA in Math 53 and 54, Econ 1, 2, or 3, and BA 10 is required.

Course Equivalency:

Equivalency of courses taken at other colleges and universities should be determined early in the application process. Articulation agreements with the California Community Colleges define specific course equivalencies and can be confirmed by the Undergraduate Adviser in 4145 Etcheverry. You can also look to see what classes at your CA Community College satisfy requirements through ASSIST: <http://www.assist.org/web-assist/welcome.html>

What if I want to create my own concentration of cluster electives?

Once you are declared you may do this with the signed approval of the ORMS faculty advisor.