Undergraduate Course Planning

Department of Mathematics University of California San Diego

2017-02-13 (updated 2017-05-08)

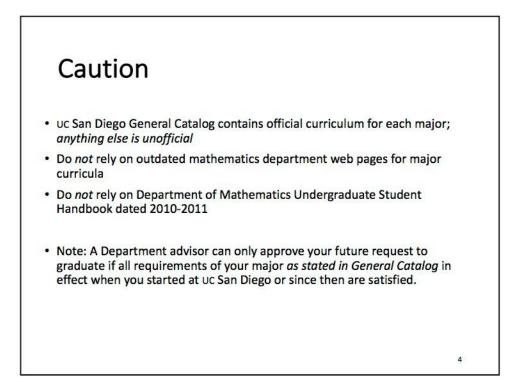
Tools

- Useful web pages in course planning:
 - (1) UC San Diego General Catalog for your major's curriculum
 - (2) UC San Diego General Catalog for department courses pages
 - (3) Department of Mathematics Planned Course Offerings page
 - (4) $\cup c$ San Diego Schedule of Classes for next term (assuming it is live) and past 24 months
- · Quarter-by-quarter course planning worksheet
- Next: How to get to above pages...

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(1) General Catalog: Major

- In a new tab or window go to catalog.ucsd.edu
- Click "Courses, Curricula, and Faculty"
- Click "M" or scroll down to "Mathematics"
- Click "Undergraduate Program"
- Scroll down to your major's curriculum
- At some point you should read all opening content about department's undergraduate program



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(2) General Catalog: Courses

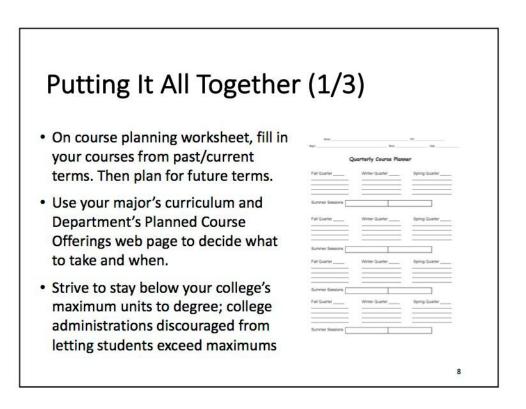
- · In a new tab or window go to catalog.ucsd.edu
- Click "Courses, Curricula, and Faculty"
- Click "M" or scroll down to "Mathematics"
- Click "Courses"
- Here are course numbers, names, descriptions, and prerequisites for each course offered by Department of Mathematics
- (Use instructions comparable to above for courses from other departments that you plan to take)

(3) Mathematics Department Planned Course Offerings

- · In a new tab or window go to math.ucsd.edu
- Hover pointer over "Resources"
- Click first option, "Planned Course Offerings"
- Default showing is for lower division courses; click "Upper Division" if you want those courses
- Page does not show summer courses to be offered; (go to summer.ucsd.edu for everything with respect to summer offerings)



- · In a new tab or window go to students.ucsd.edu
- In the pull-down menu for Academics, select "Enrolling in Classes"
- Click "Schedule of Classes"
- At Schedule of Classes, you can see days/times classes will be offered in next academic term (if it is live)
- Can also look up data for past 24 months on what classes were offered each term, who taught each, and some enrollment information
- · Caution: Past offerings are no guarantee of future offerings



Putting It All Together (2/3)

- MATH 109 is many people's first upper division mathematics course. Though offered quarterly, its sections are always in high demand. Advice: Enroll in 109 as soon as you qualify and at start of your first pass.
- MATH 109 prerequisite for 100A, 103A, 104A, 111A, 140A, 142A, 153, 154, 180B, 184A
- Recommendation: If you are going to take MATH 180A, take MATH 109 before, not concurrently with, 180A
- · Be clear on differences where you have choices:
 - Linear algebra: MATH 102 versus 170A
 - Real analysis: MATH 140A-B versus 142A-B
 - Abstract algebra: MATH 100A-B versus 103A-B
 - MATH 180A (probability) versus MATH 183 (statistics)

