

Department of Mathematics, University of California, San Diego

PRELIMINARY DEGREE CHECK

MAJOR in MATHEMATICS

Name: _____ PID#: _____ Today's Date: _____

Quarter Entered UCSD: _____ Graduating Quarter: _____ Major GPA: _____

Lower-Division Requirements

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|--|---|
| 1) Math 20A Calc for Sci & Eng <input style="width: 40px; height: 20px;" type="text"/>
2) Math 20B Calc for Sci & Eng <input style="width: 40px; height: 20px;" type="text"/>
3) Math 20C Calc & Analyt. Geom. <input style="width: 40px; height: 20px;" type="text"/> | 4) Math 20D Intro to Diff. Equations <input style="width: 40px; height: 20px;" type="text"/>
5) Math 20E Vector Calculus <input style="width: 40px; height: 20px;" type="text"/>
6) Math 20F Linear Algebra <input style="width: 40px; height: 20px;" type="text"/> |
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To be prepared for a strong major curriculum, students should complete the last three quarters of the 20 sequence and Math 109 before the end of their sophomore year.

Upper-Division Requirements

A total of 12 one quarter courses of upper-division mathematics courses, including:

- * Math 109 Mathematical Reasoning (spring quarter of sophomore year)
- * Math 140A-B Foundations of Analysis
OR Math 142A, Math142B and Math120A
- * Math 100A-B Modern Algebra
OR Math 103A, Math103B and Math 102
- * Either Math 140A-B (142A-B &120A) or 100A-B (103A-B & 102)
should be taken during junior year

As with all departmental requirements, more advanced courses on the same material may be submitted with written approval from the departmental advisor.

Course Selections:

- | | |
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| 1) Math _____ 109 (4 units) <input style="width: 40px; height: 20px;" type="text"/>
2) Math _____ (4 units) <input style="width: 40px; height: 20px;" type="text"/>
3) Math _____ (4 units) <input style="width: 40px; height: 20px;" type="text"/>
4) Math _____ (4 units) <input style="width: 40px; height: 20px;" type="text"/>
5) Math _____ (4 units) <input style="width: 40px; height: 20px;" type="text"/>
6) Math _____ (4 units) <input style="width: 40px; height: 20px;" type="text"/> | 7) Math _____ (4 units) <input style="width: 40px; height: 20px;" type="text"/>
8) Math _____ (4 units) <input style="width: 40px; height: 20px;" type="text"/>
9) Math _____ (4 units) <input style="width: 40px; height: 20px;" type="text"/>
10) Math _____ (4 units) <input style="width: 40px; height: 20px;" type="text"/>
11) Math _____ (4 units) <input style="width: 40px; height: 20px;" type="text"/>
12) Math _____ (4 units) <input style="width: 40px; height: 20px;" type="text"/> |
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Mathematics Department Evaluation:

Comments: _____

Advisor: _____ Date: _____