

## Contract for majors in mathematics

In addition to the degree requirements imposed by the college, the math major requires the following:

1. Math 207;
2. Math 210;
3. Math 215;
4. Six additional math classes numbered 300 or above (212 can also be counted here), which must include:
  - (a) two of the following three:
    - i. 305 or 313;
    - ii. 303 or 311;
    - iii. 314;
  - (b) one two course sequence chosen from the following list:
    - i. 305 and 306;
    - ii. 313 and 306;
    - iii. 303 and 401;
    - iv. 303 and 311;
    - v. 314 and 416;
    - vi. 321 and 322;
5. A passing grade on the written comprehensive exam, which covers 101, 102, 207, 210, and 215;
6. A successful senior talk;
7. A successful oral comprehensive exam.

Notes:

1. Your comps grade is a letter grade and is determined as follows. If  $w$  is your grade on the written comp,  $t$  is your grade on the talk, and  $c$  is your grade on the oral comp, then your overall comp score is given by:

$$\text{Comp Score} = \begin{cases} F & \text{if } w, t, \text{ or } c \text{ is } F \\ \frac{1}{2}c + \frac{1}{3}t + \frac{1}{6}w & \text{else.} \end{cases}$$

2. It is expected that you pass the written comp by the beginning of your junior year.
3. You may take the written comp as many times as you wish. Your written comp grade will be the grade you earn on your last attempt.
4. The written comp is given every semester from 9:00 AM - 11:59 AM on the first Saturday after classes start.
5. The senior talk must be given before the oral comp is taken. It is a good idea to begin thinking about your senior talk before the end of your junior year.
6. The oral comp must be taken during one of the University-sanctioned comp periods. It covers six courses of the student's choosing, subject only to the constraint that the six courses satisfy the requirements listed in item 4 of the requirements at the top of the page.

I understand all of the above. (Sign here.) \_\_\_\_\_