Weinberg College of Arts & Sciences

# Degree Requirement Worksheet

# for Mathematics Majors, 2015-2016

***Note: This is a worksheet only. Content has not been verified by the registrar.***

Name: Class of ‘

Optional Additional Major(s): Optional Minor(s):

Part I: General WCAS Requirements

A. First-Year Seminars (2 courses total). Grade must be D or higher. No P/N.

|  |
| --- |
| Course Number & Title |
| 1. |
| 2. |

B. Distribution Requirements (12 courses total). Includes approved AP credits (max = 2, each in a different area), transfer credits, and courses taken at Northwestern in which a grade of D or higher was earned. No P/N courses allowed.

|  |  |
| --- | --- |
|  | Course Number & Title |
| I. Natural Sciences | 1. |
|  | 2. |
| II. Formal Studies | 1. |
|  | 2. |
| III. Social Sciences | 1 |
|  | 2 |
| IV. Historical Studies | 1. |
|  | 2. |
| V. Ethics and Values | 1. |
|  | 2. |
| VI. Literature & Art | 1. |
|  | 2. |

C. Writing Proficiency Requirement Fulfilled? Y / N

 If no, plans for completion:

D. Foreign Language Requirement Fulfilled? Y / N

 If no, plans for completion:

E. Total number of units earned, assuming successful completion of current enrollment (a minimum of 45 units is required):

Part II: Requirements for the Major in Mathematics (12-14 courses depending on AP credit and option chosen for basic courses)

* Minimum grade of C-
* Courses in Table B (distribution requirements) may be double-counted here.

|  |  |  |
| --- | --- | --- |
|  | Course Number and Title | Taken? |
| Basic courses (may also be counted towards another major or minor)  | CHOOSE OPTION #1: |  |
|  | 1. MATH 220  |  |
|  | 2. MATH 224 (or MATH 212, 213, 214 may substitute for 220 and 224) |  |
|  | 3. MATH 230  |  |
|  | 4. MATH 234  |  |
|  | 5. MATH 240, Linear Algebra  |  |
| or OPTION #2: MATH 281-1, 2, 3  |  |
| or OPTION #3: MATH 285-1, 2, 3  |  |
| or OPTION #4: MATH 290-1, 2, 3 |  |
| or OPTION #5: MATH 291-1, 2, 3 |  |
| Required major courses:9 300-level courses in Mathematics (with prior department approval, up to 3 courses from other departments may count toward this requirement) Courses must include a complete3-quarter sequence; see the Catalogfor details. | 6. MATH 334 \* |  |
| 7.  |  |
| 8.  |  |
| 9.  |  |
| 10. |  |
| 11. |  |
| 12. |  |
| 13. |  |
| 14. |  |

\* 334 is required of all majors who do not take at least one quarter from one of these sequences: 311; 320; 321; 330; or 331

### Part III: Notes

Use this section to note any exceptions to the normal requirements that have been approved by the department or dean’s office, for example, course substitutions or study abroad credits authorized towards the major or distribution requirements.