

IOWA STATE UNIVERSITY
College of Human Sciences
Department of Curriculum & Instruction
Elementary Education Majors

Math

*** K - 8 APPROVED PROGRAM ***

Iowa State University K-8 Mathematics Approved Program Requirements:

24 hours to **include Math 195, 196, 297, two 300 level or above courses**, and completion of the requirements in algebra, geometry, number theory, measurement, computer programming, and probability & statistics. In addition, a course in math methods is required. **Program requires a minimum grade of “C-“ in each course.**

Notes:

1. Only one of Math 140, 141, and 142 can be used for the endorsement.
2. No more than 3 credits of 141, 142 may count toward graduation.
3. Only one of Math 104, or 150 may count toward graduation.
4. Always consult the catalog before registering for math courses and statistics courses. In some instances, only one of a combination of courses may be counted toward graduation.

Complete a course in each of the following areas. Where choices are available, choose one:

- I. **Algebra** (choose one): Math 140, 141, 142, 150, 151, 160, 165, 166, 181, 265, 301, 307, 314, 317, 421
- II. **Geometry**: Math 195
- III. **Number Theory**: Math 196
- IV. **Measurement**: Math 297
- V. **Computer Programming** (choose one): Com S 107, 207; CPR E 370; C I 505
- VI. **Probability & Statistics** (choose one): Math 304; Stat 101, 226, 401; ResEv 552, 553
- VII. ***Methods-C I 448: The Teaching of Mathematics**

***C I 448 must be completed for state requirements, however, this is not included in the 24 hours needed for the endorsement. This is a curriculum methods requirement.**

Additional credits to complete the 24 credit hours can be chosen from:

1. Any of the above courses except where noted.
2. C I 508, 509, 513.
3. Math 104, 105, 304.