

NKU Department of Mathematics and Computer Science

www.nku.edu/~math

Mathematics Major Requirements

2003-04 Catalog and Earlier

Core Courses

- _____ MAT 120 *Calculus I* (or MAT 121 and MAT 122)
- _____ MAT 220 *Calculus II* (or MAT 221 and MAT 222)
- _____ MAT 224 *Introduction of Higher Mathematics*
- _____ MAT 225 *Linear Algebra*
- _____ CSC 260 *Computer Programming I* [includes lab as of Fall 2004]
- _____ MAT 320 *Multivariable Calculus*

Electives

- _____ Three 400 - level mathematics courses
(Suggested for students planning graduate work in mathematics)

- _____ Three of MAT 350, MAT 360, MAT 380, MAT 385
(Suggested for students with a minor or a second major in computer science)

- _____ Three of MAT 325, MAT 330, MAT 360, MAT 430
(Suggested for students interested in engineering or physical science)

- _____ Three of MAT 314, MAT 315, MAT 350, MAT 351
(Suggested for students interested in probability and statistics)

- _____ MAT 300, MAT 350, and either MAT 310 or MAT 410
(Required for mathematics secondary education majors)

Additional Courses

- _____ Three additional credit hours in computer science or mathematics courses numbered above 225 excluding MAT 305.

A grade of C or better is required in each course applied to the major.