

Mathematics Major Requirements

2006-07 Catalog

Core Courses

- CSC 270 Mathematics Software Programming (3 credits)
or INF 260 Computer Programming I (3 credits)
- MAT 120 Calculus I (5 credits), or MAT 121 and MAT 122 (3 credits each)
- MAT 220 Calculus II (5 credits), or MAT 221 and MAT 222 (3 credits each)
- MAT 225 Linear Algebra (3 credits)
- MAT 302 Introduction to Higher Mathematics (3 credits)
- MAT 320 Multivariable Calculus (3 credits)
- STA 250 Probability and Statistics I (3 credits)

Electives: One of the following sets of 3-credit courses

- a. MAT 310 and 410
- b. MAT 325 and 330
- c. STA 314 and 315
- d. MAT/STA 340 and STA 341
- e. Two 400-level MAT/STA courses

Additional Courses

- Six additional credit hours in mathematics, statistics, or computer science courses numbered above 225 (at most 3 credit hours of CSC).

A grade of C or better is required in each course applied to the major. At least 9 semester hours towards the major must be taken at NKU.