

Program Revision- Mathematics Minor for Teacher Certification

The proposed program revision adds the course MAT 2270 to the required course list. This course is a prerequisite for MAT 3400. MAT 2270 has been required for several years, but never made it to the required course list in the catalog. This is an attempt to clarify to students exactly what is required.

## **Mathematics Minor for Teacher Certification**

### **CURRENT CATALOG LISTING**

Completion of a teacher certification minor does not guarantee that the individual will be granted an endorsement to teach in that field. Individuals must meet all requirements (including state tests) as set forth by the Illinois State Board of Education to be granted an endorsement in a second teaching field.

Total Hours: 31

- MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
- MAT 2170 - Computer Science I. Credits: 4
- MAT 2442 - Calculus and Analytic Geometry II. Credits: 5
- MAT 2550 - Introduction to Linear Algebra. Credits: 3
- MAT 2800 - Foundations of Mathematics. Credits: 3
- MAT 3271 - College Geometry I. Credits: 3
- MAT 3400 - Teaching Secondary Mathematics. Credits: 4
- MAT 3530 - Abstract Algebra. Credits: 4

## **Mathematics Minor for Teacher Certification**

### **REVISED CURRENT CATALOG LISTING**

~revisions are in red~

Completion of a teacher certification minor does not guarantee that the individual will be granted an endorsement to teach in that field. Individuals must meet all requirements (including state tests) as set forth by the Illinois State Board of Education to be granted an endorsement in a second teaching field.

Total Hours: ~~31~~

Total Hours: 34

- MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
- MAT 2170 - Computer Science I. Credits: 4
- **MAT 2270 – Technology in Mathematics. Credits: 3**
- MAT 2442 - Calculus and Analytic Geometry II. Credits: 5
- MAT 2550 - Introduction to Linear Algebra. Credits: 3
- MAT 2800 - Foundations of Mathematics. Credits: 3
- MAT 3271 - College Geometry I. Credits: 3
- MAT 3400 - Teaching Secondary Mathematics. Credits: 4
- MAT 3530 - Abstract Algebra. Credits: 4

*Effective Fall 2013*

Date approved by the Mathematics and Computer Science Department: April 23, 2012

Date Approved by the College of Sciences Curriculum Committee: **September 14, 2012**

Date Approved by the Council on Teacher Education: \_\_\_\_\_