

Oklahoma State University
 College of Arts and Sciences
 Request for Certification of
Second Major in Mathematics
for SCED Majors

Complete and Return to MS 401 by the last semester of course work

Student Name	ID#	Expected Graduation Date
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**First Major: Secondary Education
(Mathematics Option)**

Second Major: Mathematics

I certify that the above named student merits the above listing on his or her transcript by virtue of having completed the courses shown below, with satisfactory grade point average.

Total hours required: 46
 Minimum grade of "C" in each course

Course	Grade	Course	Grade
Math 2144: Calculus I	_____	Math 2233: Differential eqs.	_____
Math 2153: Calculus II	_____	Math 3013: Linear algebra	_____
Math 2163: Calculus III	_____	Math 3613: Intro. Modern algebra	_____
Math 4023: Intro. Modern analysis	_____	Math 4033: Geometry	_____
Math 4663: Combinatorial math	_____	Math 4713: Number theory	_____
Math 4583: Math modeling	_____	Stat ____ (4013: Methods I or 4023 Methods II)	_____
Cied 4003: Teaching fund. concepts of math	_____	Cied 4053: Teaching geometry	_____

APPROVED

(Signature)	(Date)	Advisor
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(Signature)	(Date)	A&S Graduation Certification
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Second Major in Mathematics for SCED Majors Spring 2009

To earn a second major in mathematics you need only fulfill the Departmental Requirements listed on the right-hand side of either the BS or BA Mathematics degree sheet. Under this option, your final transcript will note both your first and second majors.

An alternative is to earn a second degree in mathematics. For this option, you must complete all College, Departmental, and University requirements for both degrees, and *you must complete an additional 30 hours of course work*. Under this option you will receive two diplomas. This option requires a graduation check for both degrees and a diploma application for both degrees.

Requirements for the Second Major

The requirements for a second major in Mathematics include 46 hours of mathematics and mathematics related courses. You must have an overall grade point of 2.00 or above with a minimum grade of C in each course counting toward the second degree in Mathematics. The Departmental requirements are the same as those for a SCED degree under the Mathematics option.

- MATH 2144, 2153, 2163, 2233, 3013, 3613, 4023, 4033, 4403, 4583, 4663, and 4713
- CIED 4003 and 4053
- STAT 4013 or STAT 4023

If Mathematics substitutions have been allowed by the College of Education, then you may still qualify for a second major in Mathematics. Consult any Mathematics advisor.

Two Step Procedure

Now: Take the attached *Undergraduate Academic Program Declaration Form* to LSE 213 and complete it there.

The semester you graduate: Complete the *Request for certification of second major* form on the back of this information sheet and have it signed by any Mathematics advisor. Be sure to indicate which of STAT 4013 or STAT 4023 you have taken. Return the completed form to MSCS 401.

For the Second Degree: (Not required for a second major). The second degree requires 30 hours in addition to all College and Departmental major requirements. It also requires two graduation checks and two diploma applications. You are advised to work closely with a Mathematics Advisor to see that all requirements are satisfied.