



# Missouri State University

Springfield Campus [www.missouristate.edu](http://www.missouristate.edu)

## ***For Ozarks Technical Community College Students Interested in MATHEMATICS***

If possible, include courses listed below while completing your Associate of Arts degree or 42-hour block at OTC. Please check our current catalog for more information on our **Mathematics** major. If you have additional questions about this major, please contact:

Yungchen Cheng, Department Head  
(417) 836-5112

[YungchenCheng@missouristate.edu](mailto:YungchenCheng@missouristate.edu)

Dept. Website: <http://math.missouristate.edu/>

This information is current as of 2-8-07 and is subject to change. If you have further questions about Missouri State University majors and minors, go to [www.missouristate.edu/majors](http://www.missouristate.edu/majors).

OTC Course Equivalents	Missouri State Requirements	OTC Course Equivalents	Missouri State Requirements
MTH 138	MTH 138 (if needed as a prerequisite for MTH 261)	MTH 241	MTH 303
MTH 140	MTH 261	MTH 215	MTH 315
MTH 141	MTH 280	MTH 230	MTH 533
MTH 240	MTH 302		

While all students interested in math may take the courses listed above, there are three different degrees and four different majors from which students may choose: Bachelor of Science in Education (BS in Ed), Bachelor of Arts (BA), Bachelor of Science (BS)—Comprehensive or Non-Comprehensive. Additional course recommendations can be made for students considering teaching math or the BA degree.

**Teaching Math (BS in Ed degree):** Students need a “C” or higher in COM 115 (OTC’s COM105), EDC 150 (OTC’s EDU 110) & IMT 365 (OTC’s EDU 225). For full admission into any public teacher certification program, students must also have a 2.5 or higher combined, cumulative GPA, a 265 on all sections of the C-Base examination, ACT scores on file (if required by the state), a Highway Patrol background check and complete portfolio checkpoint #1. These students are also required to take PHY 123 (OTC’s PHY 120).

**Bachelor of Arts (BA degree):** Students will also need HST 103 & 104 (OTC’s HST 105 & 106), a philosophy course (OTC’s PHL 101 or 105, *not* 110 because it transfers as a religion course), six hours of fine arts courses (pick two from OTC’s ART 101 or 105; ENG 200, 220, 225, 240 or 245; MUS 101; THR 101) and 12 hours of a single language. (12 hours of Spanish or 6 hours of German may be completed at OTC. A larger variety of language options are available at Missouri State.)

Current course codes and numbers are reflected in this chart. Please refer to the Missouri State Transfer Equivalency page at [www.Missouristate.edu/Transfercredit.asp](http://www.Missouristate.edu/Transfercredit.asp) for older course options.

Potential transfer students should apply for Admission early in the semester prior to transfer in order to allow for early registration. For more information on the application process, go to the Admissions Office site at [www.missouristate.edu/futurestudents.htm](http://www.missouristate.edu/futurestudents.htm) or call 417-836-5517.

This document was prepared by the Transfer Advisor of Undecided Students. Contact [www.missouristate.edu/transfer/](http://www.missouristate.edu/transfer/) [TransferAdvisor@missouristate.edu](mailto:TransferAdvisor@missouristate.edu) or 417-836-5258 for more information.