



**KENTUCKY STATE  
UNIVERSITY**

## **MATHEMATICS/SCIENCES (MSC)**

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### **MSC 111: Math & Sciences Excel Lab**

Peer-lead team learning approach to intensive interdisciplinary problem solving. (2 hours of laboratory per week) Graded Pass/Fail.

**Co-requisite:** BIO 111, BIO 210, CHE 101, CHE 102, MAT 115, MAT 120, MAT 131, PHY 207, PHY 208, PHY 211, or PHY 212 and consent of instructor or record

**Credit Hours:** 1

**Contact Hours:** 1

### **MSC 200: STEM+ Leadership Seminar**

Through the use of various assessments, and exposure to STEM career professionals, students will develop and demonstrate and assess 21st century career competencies of leadership, collaboration, problem solving, cultural competency, increasing active learning and student self-sufficiency. In addition students will research career interest, interact with STEM+ professionals, assess aptitude, and align skills, talents and interests. A service-learning component is also required. The topics covered will include a wide variety of academic and career resources to help students meet their academic, social, and personal needs. To enroll, student must have completed at least 30 credit hours or be classified as a sophomore. Credit: 3 semester hours.

**Prerequisite:** KSU 101

**Credit Hours:** 3

**Contact Hours:** 3

### **MSC 371: Introduction to Research**

This course teaches students the skills that are required for performing scientific research.

**Credit Hours:** 1

**Contact Hours:** 1

### **MSC 372: Introduction to Research II**

This course teaches students the skills that are required for performing scientific research.

**Credit Hours:** 1

**Contact Hours:** 1