

# Content Methods Courses for High School

Enroll in the pair of courses below that matches your content area major.

## English

### **MSSE 480E: English/Language Arts Content Methods, Grades 9-12 (3 credits)**

Research findings regarding the multiple dimensions of teaching in English/language arts will be used to identify the most effective writing, creative arts and cognitive teaching methods for teaching students 9th-12<sup>th</sup> grade. The first half of the course will focus on the writing process (i.e., narrative and persuasive) and cognitive models of instruction and the second half of the course will focus on literature, research and writing (multi-genre project) as well as supporting the three-day English/language arts unit planned in methods and taught in [MSSE 481E](#) . *Corequisite:* [MSSE 481E](#).

### **MSSE 481E: English Field Placement, Grades 9-12 (1 credit)**

Consistent with the JMU conceptual framework, this practicum is designed to provide the necessary experience in order for students to be successful in their student teaching placement and support major components of their course work. *Corequisite:* [MSSE 480E](#).

## History/Political Science

### **MSSE 480H: Social Studies Content Methods, Grades 9-12 (3 credits)**

The aim of this course is to build, expand and draw from the social studies methods explored in MSSE 470H. This course gives students the opportunity to continue to consider, analyze and critically examine the details of their teaching career and the purpose of social studies education. Examples of some of the questions examined are: What is “good” teaching? What is the purpose of social studies education? What should students learn? What knowledge is most valuable? How will I meet the needs of diverse students? What are diverse methods of delivering instruction? How does one’s belief about the purpose of education shape their pedagogy? *Prerequisite:* [MSSE 470H](#). *Corequisite:* [MSSE 481H](#).

### **MSSE 481H: Social Studies Field Placement, Grades 9-12 (1 credit)**

Consistent with the JMU conceptual framework, this practicum is designed to provide the necessary experience in order for students to be successful in their student teaching placement and support major components of their course work. *Corequisite:* [MSSE 480H](#).

## Mathematics

### **MSSE 480M: Mathematics Content Methods, Grades 9-12 (3 credits)**

This course is designed to address mathematics-specific methods of instruction for prospective high school mathematics teachers (grades 9-12). Students will develop techniques for planning and assessing student-

centered mathematics instruction. Through this course, students will become mathematics teachers who can (1) Support their practice and sustain their own learning over time; (2) reflect upon their practice, evaluate it and make changes when necessary; (3) collaborate with their colleagues to improve instruction; and (4) stay informed of current innovations and trends in the field. *Prerequisite:* [MSSE 470M](#). *Corequisite:* [MSSE 481M](#).

**MSST 481M: Mathematics Field Placement, Grades 9-12 (1 credit)**

Consistent with the JMU conceptual framework, this practicum is designed to provide the necessary experience in order for students to be successful their student teaching placement and support major components of your their work. *Corequisite:* [MSSE 480M](#).

## Biology/Chemistry/Earth Science/Physics

**MSSE 480S: Science Content Methods, Grades 9-12 (2 credits)**

This course is designed to help the student evaluate and consume research findings about science teaching that identify the most effective instructional strategies for teaching science to students in grades 6-12. Emphasis will be on developing plans for employing the strategies and making appropriate instructional decisions based on instructional goals, the learner and available resources. *Corequisite:* [MSSE 481S](#)

**MSSE 481S: Science Field Placement, Grades 9-12 (1 credit)**

Consistent with the JMU conceptual framework, this practicum is designed to provide the necessary experience in order for students to be successful in their student teaching placement and support major components of their course work. *Corequisite:* [MSSE 480S](#).