

TEACHER LICENSURE PROGRAM 5-8: GENERAL SCIENCE WITH OPTIONAL MED

Overview of Plan of Study

Candidates for Initial licensure must have a bachelor's degree with a major in science or a strong minor in science (21 credits or more) and have completed or plan to complete coursework in the following areas:

- Chemistry
 - Matter and Its Interactions
- Physics
 - Motion and Stability: Forces and Interactions
 - Energy
 - Waves
- Biology
 - From Molecules to Organisms
 - Heredity
 - Biological Diversity
- Environmental Science or Ecology or Earth Science
 - Ecosystems
- Science and Engineering Practices, including Laboratory Techniques, Research Methods & Computers.
- History & philosophy of Science
- Related mathematics
- Adolescent or Developmental Psychology

The middle school licensure program prepares students to become educated and competent teachers. The curriculum emphasizes a well-rounded education, early field experiences, and the study of research and knowledge related to effective teaching and learning.

Teacher Licensure Program 5-8: General Science

Code	Title	Hours
EDUC 605	Sheltered English Instruction MDSC/SECE	3
EDUC 610	Field Placement I	2
EDUC 621	Field Placement II 5-12	2
EDUC 630	Teaching in an Inclusive Classroom	3
EDUC 636	Reading in the Content Area	3
EDUC 644	Curriculum and Instruction 5-12	3
EDUC 650	Classroom Management/Teaching Strategies MDSE/SECE)	3
EDUC 680	Student Teaching Practicum 5-8	9
EDUC 681	Student Teaching Seminar 5-12	3
EDUC 702	Ethics and the Foundations of Schooling	3
Total Hours		34

Additional Credits to Complete Master of Education Degree

MEd students in all concentrations are required to complete the following core courses at MCLA:

Code	Title	Hours
Master of Education with first Initial License		
EDUC 717	Curriculum Theory and Democratic Practice	3
EDUC 719	Discourses of Difference	3
EDUC 783	Philosophies and Methodologies of Inquiry ¹	3
EDUC 784	Capstone Seminar ¹	3
Total Hours		12

1

EDUC 783 and 784 (the capstone core courses) must be taken in sequence. EDUC 783 is offered in the Fall semester only, followed by EDUC 784 in the Spring semester. These courses provide the capstone experience for the M.Ed. program. Students in the culminating master's experience courses (EDUC 783 and EDUC 784) will focus on inquiry related to their areas of concentration. These should be the last courses students take in their M.Ed. program.

Note: Additional coursework may be required to meet the Subject Matter Knowledge (SMK) requirements for the license.