

Middle School Education- Science

Grades 5th - 9th
Fall 2023 - Spring 2024



Bolded classes are strongly recommended to be completed as suggested to remain on a four-year plan
 *Asterisked classes indicate that admission to Teacher Education is required for enrollment
 ^Caret symbol indicates classes with observation or practical experience included

Advisement is a shared responsibility. This program guide is accurate only when validated with a current audit.

A 3.00 GPA is required in content coursework. Please note grade requirements.
 A 'B-' is not a 'B' or higher. A 'C-' is not a 'C' or higher. Please refer to your syllabi for grading scales.

Excluding the FOUNDATIONS area, students may count no more than 3 classes with the same course code toward the general education requirement.

| <u>Semester 1</u> | | | <u>Credit Hours</u> | <u>Grade Req</u> | <u>Semester 2</u> | | | <u>Credit Hours</u> | <u>Grade Req</u> |
|--|---|--|---------------------|------------------|---|---|--|---------------------|------------------|
| | | | | | <i>(Take approved entrance exam if needed)</i> | | | | |
| GE 101 First-Year Foundations or UHC 110 Freshmen Honors Seminar | 2 | | | | PHY 101 Physics by Inquiry for Educators | 4 | | Content GPA | |
| BIO 100 Biological Science for Educators | 4 | | Content GPA | | ENG 110 Writing I | 3 | | | |
| COM 115 Fundamentals of Public Speaking | 3 | | C | | PLS 101 American Democracy & Citizenship | 3 | | | |
| MTH 130 Contemporary Mathematics | 3 | | C | | GEC 110 Social & Behavioral Sciences | 3 | | | |
| PSY 121 Introductory Psychology | 3 | | | | GEC 111 Humanities | 3 | | | |
| Total Credit Hours 15 | | | | | Total Credit Hours 16 | | | | |
| <u>Semester 3</u> | | | <u>Credit Hours</u> | <u>Grade Req</u> | <u>Semester 4</u> | | | <u>Credit Hours</u> | <u>Grade Req</u> |
| ^SEC 302 General Methods of Instruction in the Middle & Secondary Schools | 3 | | B | | GRY 240 Earth Science for Teachers | 4 | | Content GPA | |
| CHM 116 Fundamentals of Chemistry | 4 | | Content GPA | | PSY 360 Educational Psychology | 3 | | B | |
| CHM 117 Fundamentals of Chemistry Laboratory | 1 | | Content GPA | | EDT 365 Educational Applications of Technology & Media | 3 | | B | |
| ENG 210 Writing II: Writing Across the Disciplines | 3 | | | | GEC 115 Cultural Competence | 3 | | | |
| EDC 345 Introduction to Multicultural Education & Diversity | 3 | | B | | HST 121 or HST 122 Survey of the History of the United States to 1877 or since 1877 | 3 | | | |
| GEC 112 The Arts | 3 | | | | Total Credit Hours 16 | | | | |
| Total Credit Hours 17 | | | | | | | | | |

[Admission to Teacher Education is required before semester 5. After all requirements are met, you will be admitted at the next EPPC meeting.](#)




| <u>Semester 5</u> | | | <u>Credit Hours</u> | <u>Grade Req</u> | <u>Semester 6</u> | | | <u>Credit Hours</u> | <u>Grade Req</u> |
|---|---|--|---------------------|------------------|---|---|--|---------------------|------------------|
| EDC 150 Transitional Pathway: Education (ONLY for students seeking PEU 015 credit) | 0 | | P | | ^*MID 425 Middle School Curriculum | 2 | | B | |
| MID 400 Philosophy, Curriculum, & Organization of Middle School Education | 3 | | B | | EDT 520 Technologies in a Contemporary School Setting | 1 | | B | |
| One of the following Science courses: BIO 122, GLG 110, GRY 135, AST 115 | 4 | | Content GPA | | ^*SCI 404 Teaching of Middle School Natural Science (SP Only) | 3 | | B | |
| GRY 108 Principles of Sustainability | 3 | | Content GPA | | *EDC 350 School & Society | 3 | | B | |
| ^*LTC 474 Reading & Writing in the Content Fields | 3 | | B | | ^*LTC 574 Analysis & Correction of Difficulties in Adolescent Literacy | 3 | | B | |
| Elective | 2 | | | | Elective | 3 | | | |
| Total Credit Hours 15 | | | | | Total Credit Hours 15 | | | | |

[Student teaching applications are due February 1 if student teaching in the upcoming fall, or August 1 if student teaching in the upcoming spring. Review the Student Teaching, Graduation, & Certification Timeline.](#)

| <u>Semester 7 (Take the MoCA)</u> | | | <u>Credit Hours</u> | <u>Grade Req</u> | <u>Semester 8 STUDENT TEACHING</u> | | | <u>Credit Hours</u> | <u>Grade Req</u> |
|---|---|--|---------------------|---|---|---|--|---------------------|------------------|
| ^*MID 439 Middle School Instructional Strategies | 3 | | B | | ^MID 493 Supervised Teaching (Middle School) | 6 | | B | |
| SPE 340 Educational Alternative for Exceptional Students | 2 | | B | | ^MID 494 Supervised Teaching (Middle School) | 6 | | B | |
| *SFR 486 Management & Assessment In the Middle & Secondary Classroom | 3 | | B | Total Credit Hours 12 | | | | | |
| GEC 116 Public Issues | 3 | | | Student Teaching is 40 hours per week Monday through Friday in the classroom. A MoCA attempt is required before starting student teaching. | | | | | |
| Elective | 3 | | | MEES Assessment is completed during student teaching | | | | | |
| Total Credit Hours 14 | | | | | | | | | |

Middle School Education | Experiential Major Map

Bachelor of Science in Education

| | FRESHMAN | SOPHOMORE | JUNIOR | SENIOR | |
|--|---|---|--|---|---|
| <p>Grow ACADEMICALLY</p>  | <p>Consider taking education courses to count for your general education requirement in Social & Behavioral Science like CFD 155 Principles of Human Development.</p> <p>Plan for admit to teacher education and take an approved entrance exam, if needed.</p> | <p>Participate in your first practicum with adolescents in SEC 302 General Methods of Instruction in the Middle and Secondary Schools. Familiarize yourself with your department by getting to know the professors and other students within your major.</p> | <p>Engage more in your department by taking classes such as MID 400 Philosophy, Curriculum, and Organization of Middle School Education and MID 425 Middle School Curriculum.</p> <p>Begin substitute teaching.</p> <p>Take the MoCA.</p> <p>Apply to student teach.</p> | <p>Develop skills to help you with student teaching in MID 439 Middle School Instructional Strategies.</p> <p>Gain confidence in your ability to manage a classroom in SFR 486 Management and Assessment in the Middle and Secondary Classroom.</p> <p>Apply your teaching strategies to the classroom as you participate in student teaching 40 hours per week for one semester</p> <p>Take the exit survey.</p> <p>Apply to graduate.</p> | <p><u>Admit to Teacher Education Checklist</u></p> <ul style="list-style-type: none"> • Earn a C or higher in COM 115/GEC 103 • Earn a B or higher in SEC 302 • Pass an approved entrance exam • MOVECHS Fingerprinting • My Missouri State >Teacher Education Resources > complete Professionalism and Student Contract • Completion of 45 credit hours |
| <p>Embrace PUBLIC AFFAIRS</p>  | <p>Visit the Public Affairs website and participate in Public Affairs events and conferences.</p> <p>Explore extra-curricular activities in organizations such as Middle Level Education.</p> <p>Engage in volunteer and leadership opportunities, like becoming a Bear Power Ambassador.</p> | <p>Consider volunteering on campus or with a community organization.</p> <p>Explore organizations with a global perspective, such as the Association of International Students, through Bear Link.</p> <p>Are you interested in studying abroad? Ask your advisor about study abroad opportunities. Apply to be a #BearsTeach mentor.</p> | <p>Take more responsibility in your extra-curricular activities. Consider a leadership role within Association of Middle Level Education or make a new member feel welcome.</p> <p>Check out the Peace Corp Prep program.</p> | <p>Spread the word about what clubs/organizations/events you have enjoyed and help others to get connected on campus.</p> <p>Assess what opportunities, locally and globally, are available upon graduation.</p> <p>Explore services available for children and families in your community.</p> | <p><u>Academic Success Checklist</u></p> <ul style="list-style-type: none"> • Discover library resources like IG12 • Book an appointment with your academic advisor • Visit Bear CLAW, the writing and tutoring center • Complete FAFSA • Apply for scholarships |
| <p>Plan for YOUR FUTURE</p>  | <p>Gather information on grade level or districts in/for which you would like to teach. Visit the Career Center to discover job information and projections.</p> <p>Use Student Employment to find work on campus</p> <p>Join MSTA or SNEA, associations for teachers, to begin networking.</p> | <p>Schedule an appointment with the Career Center for information on building your résumé and to explore career goals.</p> <p>Join Kappa Delta Pi, an honor's society for future teachers, to add to your résumé</p> | <p>Gain experience by finding a job working with children or substitute teaching.</p> <p>Explore graduate programs if you desire to continue your education.</p> <p>Take the MoCA.</p> <p>Attend career fairs.</p> | <p>Identify and ask individuals if they will write you letters of reference/recommendation.</p> <p>Finalize your résumé and cover letter with the Career Center.</p> <p>Get interview practice with a Career Center specialist or virtually at Big Interview.</p> | <p><u>Career Development Checklist</u></p> <ul style="list-style-type: none"> • Apply for on-campus jobs • Join a student group • Explore career resources, search for jobs, sign up for events, and make appointments with the Career Center through Handshake. • Attend the College of Education career fair. |