Undergraduate Teacher Education Programs

offered by

Otterbein University

Accreditation

Otterbein University and/or the Teacher Education Program are members of or approved by:
2. The American Association of University Women.
3. The Association of American Colleges and Universities.
4. The National Association of Schools of Music.
5. The Ohio College Association.
6. The Ohio Department of Education (ODE).
7. The Ohio Board of Regents (OBR).
8. The American Association of Colleges of Teacher Education.
9. National Council for the Accreditation of Teacher Education (NCATE); transitioning to Council for the Accreditation of Educator Preparation (CAEP).

The National Council for Accreditation of Teacher Education is a non-profit, non-governmental organization founded in 1954. More than 30 national associations representing the education profession at large make up the council. NCATE accreditation is a mark of distinction, and provides recognition that the education program has met national professional standards for the preparation of teachers and other educators. In NCATE’s performance-based accreditation system, institutions must provide evidence of competent teacher candidate performance. Teacher candidates must know their subject matter and how to teach effectively so that all students learn.
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This booklet contains information and a listing of the course requirements for programs leading to Early Childhood, Middle Childhood, Adolescence to Young Adult, and Multi-Age teacher licensure.

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August 2017

For information on programs or teacher licensure, please contact:

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Visit the Education page on the www.Otterbein.edu homepage for more information.
Mission Statement and Conceptual Framework

Mission Statement
The professional education unit of Otterbein University is committed to providing a coherent, developmentally-based teacher education program that prepares teachers to create and work within learning communities which maximize the potential of all learners. The program promotes collaborative learning and critical reflection as a way to develop a community of life-long learners who can respect diverse perspectives, make informed decisions, and be responsive to the changing needs of children in our society.

We Believe In

- The Power of Knowledge
  Effective teachers are knowledgeable and see themselves and their students as life-long learners. Our graduates will be able to make informed decisions based on complex data.

- The Interdependency of Pedagogy and Content
  Knowledge is not a series of discrete bits of information. Effective teachers help their students see relationships among different areas of study and their application to the real world. In our curriculum, liberal arts and professional courses are intentionally connected. In the same manner, pedagogy and content often are addressed together.

- The Potential of All Children
  Every child deserves to be taught by quality teachers who believe that each child is capable of learning. The Otterbein teacher education program provides its candidates with the knowledge, skills and dispositions for creating learning environments that are developmentally responsive for each of the students they teach.

- The Richness of Diversity
  Our program prepares teachers to accept, honor and enhance the diversity within the school environment. Diversity includes but is not limited to ethnicity, gender, social class, sexual orientation, and special needs.

- The Possibilities of Technology
  As teaching and learning become more complex, the effective use of technology within the classroom becomes even more essential. During their teacher education program, Otterbein students will not only use technology as an integral part of their own professional preparation and see technology modeled for classroom productivity, but they will also learn how to use technology effectively in their classroom.

- The Necessity of Reflection
  The transition from being a student to becoming a teacher requires a great deal of reflection and introspection on the part of teacher education candidates. In order to truly discover their teacher persona, teacher education candidates must take a critical look at what they believe about teaching and learning throughout their program and strive to incorporate those values in their own teaching.

- The Merit of Experiential Learning
  Otterbein is committed to continuous and progressive field experiences. The program exposes teacher education candidates to a variety of educational settings.

- The Importance of Accountability
  Our program is committed to the formative and summative assessment of the knowledge, dispositions, and skills of teacher education candidates in order to assure that graduates from the program are effective and qualified teachers. Furthermore, the unit will use the information obtained from these assessments to change, alter, and/or modify the program so that the quality is maintained.

Model for Teacher Education at Otterbein
The Education Department serves as the professional education unit of Otterbein University, providing professional courses for pre-service teachers through:

- A four-year undergraduate program for Early Childhood, Middle Childhood, and AYA/Multi-age Licensure;
- A post-baccalaureate licensure-only program for Early Childhood, Middle Childhood, and AYA/Multi-age Licensure, built on the undergraduate teacher education program;
- A part-time Master of Arts in Teaching program designed to provide a graduate Middle Childhood Licensure (4-9) and Special Education Licensure (K-12) programs that are
responsive to the needs of working, second-career adults. Building on a liberal arts foundation that emphasizes multidisciplinary and interdisciplinary ways of knowing, professional education requires candidates and graduate students to examine their values and actions in view of current research and best practice. Coordinated field experiences in diverse settings across the pre-service programs provide a realistic setting to test theories and professional competencies against the cognitive and affective needs of children in schools.

The professional education unit also offers continuing professional development for certified/licensed teachers through a Master of Arts in Education degree program, with majors in Reading, Special Education, and Curriculum & Instruction. The MAE program is designed to develop professional empowerment through study, research, and reflection. Both the MAE program design and the scheduling of classes serve the needs of practicing, certified/licensed teachers.

**Purposes and Goals of Teacher Education**

The Teacher Education Program at Otterbein University is based on the philosophy that a liberal education is best for teachers. The broad aim of teacher education is to help licensure candidates acquire knowledge, develop skills, and exhibit dispositions which they will need in order to be contributing members of society and successful teachers of children.

The faculty of the Teacher Education Program have adopted standards and critical dispositions to inform ongoing program development and to guide the assessment of candidate progress throughout the program. These standards are aligned with external accrediting agencies such as NCATE/CAEP, the Ohio Department of Education, and the Ohio Board of Regents based on standards developed by InTASC. However, these standards are informed by the Mission Statement and Conceptual Framework of Otterbein's Teacher Education Program and provide a strong basis for the preparation of teacher candidates who can positively impact the education of PK-12 students.

The Interstate Teacher Assessment and Support Consortium (InTASC) is a consortium of state education agencies, higher education institutions, and national educational organizations dedicated to the reform of the educational, licensing, and ongoing professional development of teachers. Created in 1987, InTASC’s primary constituency is state education agencies responsible for teacher licensing and professional development. Its work is guided by one basic premise: An effective teacher must be able to integrate content knowledge with pedagogical understanding to assure that all students learn and perform at high levels. The InTASC model core standards for licensing teachers represent those principles which should be present in all teaching regardless of the subject or grade level taught and serve as a framework for the systemic reform of teacher preparation and professional development.

**Otterbein Teacher Education Standards**

*Standard #1*—The candidate understands the discipline(s) he or she teaches and can create learning experiences that make subject matter meaningful for students.

*Standard #2*—The candidate understands how students learn and develop and provides learning opportunities that support their intellectual, career, social and personal development.

*Standard #3*—The candidate understands how students differ in their approaches to learning and creates instructional opportunities that are equitable and are adaptable to diverse learners.

*Standard #4*—The candidate plans instruction based upon the knowledge-base of the subjects, student population, community needs, curriculum goals, and Ohio approved curriculum models.

*Standard #5*—The candidate is proficient in utilizing a variety of instructional models to encourage critical thinking, problem-solving, and performance skills.

*Standard #6*—The candidate motivates individual students and groups of students by creating a positive, encouraging, active learning environment.

*Standard #7*—The candidate uses effective forms of communication to foster interaction in the classroom.

*Standard #8*—The candidate understands and uses formal and informal assessment strategies to evaluate and ensure the continuous intellectual, social, and physical development of the learner.

*Standard #9*—The candidate is a reflective practitioner who actively seeks out opportunities to grow professionally.

*Standard #10*—The candidate fosters relationships with school colleagues, parents, and the larger community to support students’ learning and well-being.
Critical Dispositions
In addition to standards that guide the preparation and licensure of candidates’ knowledge of content and ability to teach, candidates are also evaluated on critical dispositions essential for success in education. Critical Dispositions are defined by NCATE/CAEP as “attitudes, beliefs, values, and commitments that influence behaviors.” Ten of these are vital themes in the Otterbein University Teacher education program. We expect these dispositions to be evidenced in the field as candidates practice their professional skills. Because our program is developmental, we intentionally model these dispositions in every course and provide guided practice for candidates as they grow professionally. Your dispositions are assessed in every field experience. The Critical Dispositions scoring rubric is on pages 14-15.

**Critical Dispositions**

1. **A Hard-Working** candidate is responsible, reliable, punctual and fulfills requirements in a timely manner.
2. **A Principled** candidate values and tries to act upon the principles of honesty, fairness, mutual respect and compassion.
3. **A Resourceful** candidate demonstrates initiative by consulting with others to solve problems.
4. **An Open-Minded** candidate is willing to learn about others, tries to be non-judgmental and is open to diverse points of view.
5. **An Organized** candidate handles multiple tasks and demands adequately.
6. **A Collegial** candidate is a productive colleague who can give and take suggestions and constructive criticism.
7. **An Inquisitive** candidate is open to new ideas, asks good questions and often seeks out answers.
8. **A Flexible** candidate is able to adjust, redirect, and deal with the unexpected.
9. **A Positive** candidate finds good in most situations and looks for ways to be successful.
10. **A Social** candidate interacts effectively with colleagues, students and parents.

Degrees Offered in Teacher Education

1. The Bachelor of Arts or Bachelor of Science degrees are the degrees granted to candidates seeking Adolescence to Young Adult (AYA, grades 7-12) or Multi-Age (PK-12) licensure. These candidates major in their teaching area but also complete teacher education requirements.
2. The Bachelor of Music Education degree is designed to lead to Multi-Age (PK-12) licensure. Candidates major in Music Education.
3. The Bachelor of Science in Education degree is designed for candidates seeking Early Childhood (PK-3) or Middle Childhood (4-9) or Integrated Science (7-12) licensure. These candidates are Education majors.
4. The Master of Arts in Teaching degree is designed to provide a graduate route to teacher licensure in Middle Childhood Education for grades 4-9 or in Special Education for grades K-12 for individuals who have earned a baccalaureate degree. Mild/moderate and moderate/intensive options are both available in the Special Education program.
5. The Master of Arts in Education degree is designed to develop professional empowerment through study, research, and reflection. It is designed to help practicing professionals maximize the potential of learners.

Post-Baccalaureate Licensure Programs

All of the licensure programs available for undergraduate candidates are also available for qualified candidates who already have a baccalaureate degree from an accredited college or university. This is an undergraduate licensure-only program and does not lead to a degree. For further information, contact your Education Advisor. Post-baccalaureate program requirements may differ from the undergraduate program requirements.

Teaching Licenses/Endorsements Offered

Teacher candidates successfully completing the program at Otterbein may apply for Ohio four-year resident educator licensure in the areas listed below. See the Education Department for licensure test requirements.

Early Childhood (PK-3) – one concentration area required
• Optional Early Childhood Generalist Endorsement may be added to the Early Childhood License if the candidate desires the ability to teach four content areas in a self-contained grade 4 or 5 classroom.

• Optional Intervention Specialist License may be added to the Early Childhood License

Middle Childhood (4–9) – two concentration/teaching areas required

• Optional Middle Childhood Generalist Endorsement may be added to the Middle Childhood License if the candidate desires the ability to teach four content areas in a self-contained grade 4, 5, or 6 classroom. This is offered at the graduate-level only. Talk to your advisor if you are an undergrad and are interested in this endorsement.

Adolescence to Young Adult (AYA, 7–12) – one or more teaching areas required

Multi-Age (PK–12) – one or more teaching areas required

TESOL Endorsement (Multi-Age) may be added at the graduate level to another licensure area.

Reading Endorsement (K–12) may be added at the graduate level to another licensure area only after the initial license has been granted.

Intervention Specialist (K–12) license in Mild / Moderate and/or Moderate / Intensive may be taken at the graduate level as an initial and additional license.

Critical Decision Points and Assessment Benchmarks for Teacher Education Candidates

To determine the progress of candidates in meeting departmental standards, benchmarks have been set to be reviewed at five critical Decision Points across the program. The Education Department reserves the right to refuse registration and/or admission to any candidate who does not meet the criteria or who does not make satisfactory progress in the Teacher Education Program.

Decision Point 1: Pre-Admission (Entry to EDUC 1600)

• 2.5 overall GPA in courses that appear on the Otterbein transcript
• ACT scores of 20 or above on both English and Math, OR
• SAT scores of 500 or above on both Critical Writing (formerly Critical Reading) and Math, OR
• Praxis Core Academic Skills for Educators (as of 9/1/14) with scores of 150 on Math and/or 162 on Writing. Scores must be sent to Otterbein University, Education Department.

Students who fail the same Praxis Core Academic Skills for Educators test three times are no longer eligible for program admission.

Decision Point 2: Admission to Teacher Education Programs

Students complete applications during EDUC 2000 or 2200; forms are available on Taskstream. Applications are due the third week of the term. Criteria for admission to the Teacher Education Program include:

• Must continue to meet all Decision Point 1 criteria.
• A minimum of three semesters or 48 semester hours of college level work, including EDUC 1600 and EDUC 2000/2200; a minimum of two semesters or 28 semester hours must be completed at Otterbein;
• AYA and Multi-Age candidates must complete a minimum of 12 semester hours in their teaching area. MCHD candidates must complete a minimum of 12 semester hours total in their two teaching areas;
• Post-evaluation 2.5 overall GPA from all institutions;
• Post-evaluation 2.75 GPA in teaching area(s);
• Positive recommendations from persons listed below, which will be used to assess interpersonal relations, motivation, and content knowledge:
  1. EDUC 1600 instructor, supervisor, and cooperating teacher(s);
  2. EDUC 2000/2200 instructor, supervisor, and cooperating teacher(s);
  3. A member of the Otterbein faculty or staff who can assess the student’s critical Dispositions. This is the student's responsibility. Forms are available in the Education Office;
  4. The chairperson of the teaching area department (for AYA or Multi-Age);
• Transfer and post-baccalaureate students who have completed at least 75% of their content
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area requirements with a content GPA of 2.75 or higher do not need approval of the content area department and may apply for admission prior to completing 12 content hours at Otterbein;

- Proficiency in written communication as evidenced by a "C" or better in a college level composition course;
- Proficiency in oral communication as evidenced by performance in EDUC 1600 and EDUC 2000/2200;
- Course grades of C or higher and overall field ratings of 3 or higher in EDUC 1600 and EDUC 2000/2200;
- At the discretion of the Teacher Education Committee, data collected and reported in all college-level courses; and dispositions in courses, field experiences, and on-campus interactions with university faculty, staff, and students may also be considered in the decision to admit a student to teacher education. This list is not inclusive.

Applications are reviewed every term; files are complete only after a candidate has taken EDUC 1600 and 2000/2200. Applicants will be notified of the action of the Committee in writing within two weeks of the decision, and they may reapply if they do not qualify on the first application by contacting the Education Department for application deadlines.

Eligibility will again be checked prior to candidates being enrolled in Methods courses. Candidates must receive positive recommendations from their early field experience in order to enroll in EDUC 3200, 3420, 3700, or MUSC 3032/3033, SPAN 3700, or ART 3920.

**Decision Point 3: Enrollment in Capstone (Student Teaching)**

The Student Teaching-Internship Placement Request Form is available on the Education website under “Department Forms.” Requests must be submitted at least two terms before student teaching. Candidates' records will again be reviewed before student teaching placement to assure the following criteria for eligibility are met:

- GPA (see Admission requirements);
- Successful completion of pre-student teaching field and course requirements;
- Positive recommendation from a Methods instructor;
- An up-to-date background check must be on file in the Education Department;
- Submission of the student teaching request form to the Director of Student Teaching or the Field Experience Coordinator;
- Note: Placements at districts or schools of employment are not allowable.

Candidates needing more time to demonstrate competencies for student teaching may be required to take an extra field experience.

**Decision Point 4: Exit Requirements for Student Teaching:**

Successful completion of Student Teaching Clinical Practice requirements;

Effective Fall 2016: All candidates in student teaching must complete and submit the edTPA for national scoring. The Education Department has set a cut score of 35. Candidates with a score of <35 must revise and re-submit sections of the assessment for scoring by the department.

Successful completion of Student Teaching Seminar and workshop requirements including an electronic exit portfolio and a Senior Year Experience project and presentation.

**Decision Point 5: Program Completion and Recommendation for Licensure:**

- Completion of all required coursework, including a "C" grade in all Professional Education courses;
- Verification of GPA requirements (see Admission to Teacher Education);
- Application for graduation/program completion (See Registrar's Office for details at least two terms before you plan to complete your program);
- Licensure candidates should have a 2.75 GPA in their content area; Integrated Science majors need a 3.00 GPA.
- Successful completion of OAE licensure tests required for the specific area(s). Note: Modern Language teacher candidates must score at the "Advanced Low" level on the OPI and WPT tests (ACTFL tests). (See section on Licensure Testing for further details.)
- Valid Fingerprinting and Background Check is required for licensure;
- Set up a SAFE account on the ODE website and apply for licensure.
Policies, Procedures, Information, and Resources
This is not meant to be an exhaustive list of policies, procedures, information, and resources. Consult the University Catalog and other official University documents for further information.

Academic Appeals
The following sequential steps should be followed in appeal if a student is convinced that he or she is a victim of unlawful discrimination or of decisions arrived at in a prejudiced or capricious manner: 1. Discuss the matter with the professor involved. 2. Discuss the matter with the Chair of the Education Department. 3. Present evidence in writing, then discuss the matter with the Dean of the appropriate school or his/her delegate. 4. Present evidence in writing, then discuss the matter with the Provost and Vice President for Academic Affairs or his/her delegate. 5. Appeal in writing with supporting evidence to the Appeals Council. Details regarding the appeal process are available from the Office of Academic Affairs.

Academic Support Center
Students in need of additional tutoring, assistance with writing, or other academic support may contact the Academic Support Center on the second floor of the Library. (See University Catalog for more information).

Advising
Early and Middle Childhood candidates are assigned to an Education Department faculty advisor by the University. AYA and Multi-age candidates are assigned to advisors in their teaching area departments. Students may change advisors with the permission of the new advisor. Please work closely with your advisor to ensure appropriate progress through the program.

Attendance Policy for Classes and Field Experiences
Teachers are responsible for the safety and well being of pupils; therefore, reliability is an essential quality for teachers. The attendance policies for professional education will emphasize the importance of personal responsibility and attempt to help teacher education candidates develop a pattern of responsible behavior.

The attendance policies listed shall apply for courses and field experiences offered by the Education Department; however, professors may further define or alter these general policies by writing an attendance policy in the course outline.

Class Attendance
1. Attendance is expected at all class sessions. A record of student attendance shall be kept by the instructor and attendance will be a factor in arriving at the final grade for courses in education.
2. Specific attendance policies for each course will be included in the course syllabus.

Field Experience Attendance
Student teachers and field experience students must notify both the cooperating teacher (or school) and the University supervisor in advance, if possible, of absence for any cause. Days missed in student teaching and field experience may be added to the completion date of the experience. University supervisors may excuse no more than two days absence for good cause without extending the completion date. Days missed in field experiences will not be counted in hours accumulated. Excessive or irresponsible absences may result in withdrawing the student from the experience. Falsification of timesheets may be grounds for dismissal from the program.

Change of Major
Requirements for internal Change of Major to Education (30 semester hours or less from all institutions):
- Post-evaluation 2.5 overall GPA from all institutions
- Permission of Education Department

Requirements for internal Change of Major to Education (more than 30 semester hours from all institutions):
- Post-evaluation 2.5 overall GPA from all institutions
- Post-evaluation 2.75 GPA in concentration/teaching area(s)
• ACT scores of 20 or above on both English and Math, OR
  SAT scores of 500 or above on both Critical Writing and Math, OR
  Praxis I score of 172 or above on Writing and/or Math, OR as of 9/1/14, Praxis Core
  Academic Skills for Educators 150 for Math and/or 162 on the writing test, AND
• Permission of Education Department

**College Level Examination Program (CLEP)**

According to the University Catalog, students are not permitted to take CLEP exams once they have reached senior status. Also, students who have already earned Bachelor's degrees are not permitted to take CLEP exams. None of the hours may be used to fulfill the University's residency requirement. (See University Catalog for more information)

**Documentation Style**

The preferred style for all Education courses is APA (American Psychological Association). Exceptions to this policy will be clearly defined in course syllabi.

**Field Experiences**

See page 12 and 13 for information on field experiences.

**Five Cardinal Experiences:** The 5 Cards are your opportunity to explore and apply your knowledge. The benefits of this participation include applying skills in real-world, hands-on settings, considering new possibilities for the future, developing open-mindedness, building confidence, cultivating constructive relationships with faculty and staff, networking and connecting in the community, understanding self and identity, preparing for the professional job market, and building an experiential transcript for employers and graduate schools. For more information, visit http://www.otterbein.edu/public/Academics/FiveCardinalExperiences/cards.aspx

**Job Search Assistance—Center for Career and Professional Development**

The Otterbein Center for Career and Professional Development provides a menu of services including resume-building, cover letter writing, practice interviews, and job search assistance. In addition, staff will advise students on assembling a strong credential file, the collection of documents that support your application (transcripts, letters of reference, test scores, etc.). **All students will prepare and manage their own credential file.** All student teachers are required to attend an orientation session at the Center for Career and Professional Development to learn about the job search process.
Licensure Testing
To become a licensed teacher in Ohio’s schools, a person must successfully complete required licensure tests: Ohio Assessments for Educators-OAE, and/or ACTFL-LTI (foreign language candidates) examinations. Students will be expected to take tests covering professional education and curriculum content or specialization. The list of licensure test qualifying scores for specified licenses in Ohio is available in the Education Department Office. Study materials are available from the individual testing services and the Library. ACTFL-LTI guidelines and preparation materials can be found at www.languagetesting.com.

Out-of-State Teacher Licenses
Because states determine their own teacher education programs, licensure may differ from state to state. It is the duty of the student to see that the special requirements of states other than Ohio are met. Information on licensure may be obtained from the Division of Teacher Education and Certification, Department of Education of the state in question.
Teacher licensure is simplified in many states through Interstate Reciprocity Agreements and on graduation from institutions accredited by the National Council for the Accreditation of Teacher Education (NCATE/CAEP). Most states require that teachers pass a teacher competency test prior to licensure.

Portfolio Requirement
To be recommended for licensure, teacher candidates are required to submit an electronic portfolio that documents their mastery of department standards. Elements of the portfolio will be developed throughout the program, with completion during student teaching. Student Teaching Seminar instructors will provide support and feedback for students, and faculty members will be assigned to evaluate the final portfolio. The electronic platform for the portfolio is an online service called TaskStream. Student fees pay for Taskstream accounts. Students will receive a Taskstream account code in the appropriate course.

Significant Improvement Clause
Candidates who are transferring low undergraduate grade point averages in from other institutions may encounter significant obstacles when trying to raise their overall GPA to 2.5 or content area GPA to 2.75. For these candidates, the Significant Improvement Clause has been developed. If a transfer student has earned a 3.0 or higher overall GPA at Otterbein over 24 or more semester hours and a 3.0 content GPA in a minimum of 3 content courses their area of intended licensure, they will have met the grade point average criterion for admission to Teacher Education.

Transcript Evaluation
Once all official transcripts are received by the University, the Office of the Registrar will conduct a formal transcript evaluation. Only courses approved by the Office of the Registrar or the Chair, Department of Education will receive transfer credit.

Transfer Students
Requirements for all external transfers as intended Education majors:
- Post-evaluation 2.5 overall GPA from all institutions
- Post-evaluation 2.75 GPA in concentration/teaching area(s)
- ACT scores of 20 or above on both English and Math, OR
- SAT scores of 500 or above on both Critical Writing and Math, OR
- Praxis I score of 172 or above on Writing and/or Math, OR as of 9/1/14, Praxis Core Academic Skills for Educators, 150 for Math and/or 162 on the Writing test., AND
- Recommendation of Transfer Admission Counselor
- Enrollment at Otterbein University in at least one of the following courses: EDUC 1600, EDUC 2000, or EDUC 2200
Field Experiences and Clinical Practice

Field experiences serve an important socialization function in Otterbein’s teacher education program. Field experiences are based in schools and are designed to help students decide whether teaching is or is not an appropriate career choice; to develop skills in applying methods and management techniques; and to observe teachers executing various roles during the school day. Otterbein’s program provides a number of different field experiences. Students are exposed to urban, suburban, and sometimes rural school settings. They are encouraged to work with culturally diverse populations at several grade levels. Across these field experiences, students observe, plan, instruct, manage, and evaluate within the context of current practice.

Field experiences and student teaching assignments are made in public and private schools and agencies within convenient travel distance from the University. Written agreements between the University and cooperating schools and agencies are required, and placements are made in those schools and agencies that have agreements with the University. Students are expected to provide their own transportation.

Field experience assignments start in the first course (EDUC 1600) and culminate in student teaching (see Chart of Field Experiences and Clinical Practice in Teacher Education). Student teaching is a full school day for a full semester. Students should carry no other academic coursework during the student teaching term, but activities courses may continue so long as they meet outside of school hours.

Transfer students who have completed field experiences at other institutions may have hours included on their Otterbein record. Students must request records (evaluations, timesheet, etc.) from the other institution be sent to the Education Department to verify the hours.

Students who have documented, supervised experience with children or youth, not associated with a university course, may apply to have those hours included in their field experience record. Non-credit field experience forms are available in the Education Department.

Fingerprinting and Background Checks are required for all field experiences and must remain current (issued within one year) during the entire field experience. Students may contact any WebCheck location or police department.

Non-Traditional Clinical Practice Opportunities

Non-traditional opportunities are open to students in any licensure area. Contact the Education Office or the faculty member listed below for more information about these programs. All opportunities are contingent on placement availability and faculty recommendation. Please watch for emails from the Department of Education about these opportunities.

University sponsored off-campus opportunities are described in the Otterbein University Course Catalog.
# Chart of Field Experiences and Clinical Practice in Teacher Education

*Additional field experiences may be included in individual programs and/or content areas.*

<table>
<thead>
<tr>
<th>Early Childhood</th>
<th>Middle Childhood</th>
<th>Adolescence to Young Adult &amp; Multiage</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 4710/4900</td>
<td>ED 4810/4900</td>
<td>ED 4100/4900</td>
</tr>
<tr>
<td>Student Teaching</td>
<td>Student Teaching</td>
<td>Student Teaching</td>
</tr>
<tr>
<td>ED 3640</td>
<td>ED 4500</td>
<td>ED 4500</td>
</tr>
<tr>
<td>Elem. Literacy Assess. &amp; Instr. 50 Field Hours</td>
<td>Exceptional Children 5 Field Hours</td>
<td>Exceptional Children 5 Field Hours</td>
</tr>
<tr>
<td>ED 3200</td>
<td>ED 3850</td>
<td></td>
</tr>
<tr>
<td>Early Child Curriculum 70 Field Hours</td>
<td>Literacy in Middle Grades 25 Field Hours</td>
<td></td>
</tr>
<tr>
<td>ED 4000</td>
<td>ED 4000</td>
<td></td>
</tr>
<tr>
<td>25-100 Field Hours</td>
<td>25-100 Field Hours</td>
<td>25-100 Field Hours</td>
</tr>
<tr>
<td>Taken when needed</td>
<td>Taken when needed</td>
<td>Taken when needed</td>
</tr>
<tr>
<td>ED 2510 &amp; 2600</td>
<td>ED 3420</td>
<td></td>
</tr>
<tr>
<td>Exceptional Child &amp; Emergent Literacy 40 Field Hours</td>
<td>Middle Child. Methods II 60 Field Hours</td>
<td>1ED 3700 Second. &amp; Multiage Methods 100 Field Hours</td>
</tr>
<tr>
<td>ED 2200</td>
<td>ED 3410</td>
<td></td>
</tr>
<tr>
<td>Educ. Psychology 20 Field Hours</td>
<td>Middle Child. Methods I 40 Field Hours</td>
<td></td>
</tr>
<tr>
<td>ED 1600</td>
<td>ED 2000</td>
<td></td>
</tr>
<tr>
<td>Study of the School 45 Field Hours</td>
<td>Educ. Psychology 20 Field Hours</td>
<td></td>
</tr>
<tr>
<td>ED 1600</td>
<td>ED 1600</td>
<td></td>
</tr>
<tr>
<td>Study of the School 45 Field Hours</td>
<td>Study of the School 45 Field Hours</td>
<td></td>
</tr>
</tbody>
</table>

1Music students take MUSC 3032 Vocal and Choral Methods K-12 and MUSC 3033 Instrumental Methods K-12.
<table>
<thead>
<tr>
<th>Disposition</th>
<th>Exceeds Expectations 4</th>
<th>Meets Expectations 3</th>
<th>Uneven or Marginal Performance 2</th>
<th>Unacceptable Performance 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hard-Working</td>
<td>• Is responsible, reliable, punctual</td>
<td>• Is responsible, reliable, punctual</td>
<td>• Has trouble with lateness, absence</td>
<td>• Does not meet commitments</td>
</tr>
<tr>
<td></td>
<td>• Is a self-starter who is generous with time, talents, and resources</td>
<td>• Fulfills requirements in a timely manner</td>
<td>• Has trouble meeting deadlines</td>
<td>• Does not meet deadlines</td>
</tr>
<tr>
<td>Principled</td>
<td>• Values and acts upon the principles of honesty, fairness, mutual respect, and compassion</td>
<td>• Values and tried to act upon the principles of honesty, fairness, mutual respect, and compassion</td>
<td>• Values but frequently fails to act upon the principles of honesty, fairness, mutual respect, and compassion</td>
<td>• Neither values nor acts upon the principles of honesty, fairness, mutual respect, and compassion</td>
</tr>
<tr>
<td>Resourceful</td>
<td>• Demonstrates initiative by consulting with others as well as developing own solutions to problems</td>
<td>• Demonstrates initiative by consulting with others to solve problems</td>
<td>• Generally relies on others to solve problems</td>
<td>• Always relies on others to solve problems</td>
</tr>
<tr>
<td>Open-Minded</td>
<td>• Is eager to learn about others</td>
<td>• Is willing to learn about others</td>
<td>• Has trouble listening to others</td>
<td>• Fails to listen to others</td>
</tr>
<tr>
<td></td>
<td>• Tries to be non-judgmental</td>
<td>• Tries to be non-judgmental</td>
<td>• Can be insensitive to others</td>
<td>• Insensitive and judgmental</td>
</tr>
<tr>
<td></td>
<td>• Welcomes diverse points of view</td>
<td>• Is open to diverse points of view</td>
<td>• Has trouble with insensitive to others</td>
<td>• Refuses to entertain any viewpoint other than his/her own</td>
</tr>
<tr>
<td>Organized</td>
<td>• Handles multiple tasks and demands efficiently</td>
<td>• Handles multiple tasks and demands adequately</td>
<td>• Has trouble with multiple tasks and/or demands</td>
<td>• Cannot handle multiple tasks and demands</td>
</tr>
<tr>
<td>Disposition</td>
<td>Exceeds Expectations 4</td>
<td>Meets Expectations 3</td>
<td>Uneven or Marginal Performance 2</td>
<td>Unacceptable Performance 1</td>
</tr>
<tr>
<td>-------------</td>
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<td>----------------------------</td>
</tr>
<tr>
<td><strong>Collegial</strong></td>
<td>• Is a valued colleague or team member • Can give and take suggestions and constructive criticism</td>
<td>• Is a productive colleague or team member • Can take suggestions and constructive criticism</td>
<td>• Has let a colleague or a team down several times • Responds defensively to suggestions and constructive criticism</td>
<td>• Is undependable, self-centered, or excessively controlling • Refuses all suggestions and constructive criticism</td>
</tr>
<tr>
<td><strong>Inquisitive</strong></td>
<td>• Is open to new ideas • Consistently asks good questions • Regularly seeks out answers</td>
<td>• Is open to new ideas • Consistently asks good questions</td>
<td>• Is not open to new ideas • Asks few questions • Rarely seeks out answers</td>
<td>• Can be a rigid thinker • Never asks questions • Never seeks out answers</td>
</tr>
<tr>
<td><strong>Flexible</strong></td>
<td>• Responds to unexpected challenges in a creative, productive manner</td>
<td>• Is able to adjust, redirect, and deal with the unexpected</td>
<td>• Is often unable to adjust, redirect, and deal with the unexpected</td>
<td>• Is generally unable to adjust, redirect, and deal with the unexpected</td>
</tr>
<tr>
<td><strong>Positive</strong></td>
<td>• Finds good in most situations • Is able to praise others • Sees possibilities rather than obstacles</td>
<td>• Finds good in most situations • Looks for ways to be successful</td>
<td>• At times, has trouble finding good aspects of a situation • Often takes “yes-but” stance when suggestions are given</td>
<td>• Quick to blame</td>
</tr>
<tr>
<td><strong>Social</strong></td>
<td>• Truly enjoys working with colleagues, students, parents</td>
<td>• Interacts effectively with colleagues, students, parents</td>
<td>• Has trouble interacting effectively with colleagues, students, and parents, but is comfortable with students</td>
<td>• Has trouble interacting with colleagues, parents, and students</td>
</tr>
</tbody>
</table>
Early Childhood Teacher Education Program

Degree
The Bachelor of Science in Education (BSE) degree is designed specifically for the preparation of Early Childhood, Middle Childhood, and Integrated Science (7-12) teachers. The BSE Degree requires a minimum of 126 semester hours of coursework.

Teaching Licenses
The Early Childhood Education program leads to an Ohio four year Early Childhood Resident Educator License valid for teaching grades four through nine in two content areas.

Program Description
A display of the required courses and recommended course sequences for the Early Childhood program is presented on the next few pages. The recommended sequence may be changed on the advice of the faculty advisor to meet individual scheduling needs. Course substitutions require the written permission of the Chairperson of the Education Department.

Early Childhood teacher education students at Otterbein University must complete a concentration area. The approved concentration areas, including the coursework that is acceptable, are displayed on page 18. Early Childhood education students may choose one of the following three approved concentration area options: Early Childhood Generalist, Intervention Specialist, and Specialized Content Strand. Candidates are encouraged to consider Early Childhood Generalist or Intervention Specialist concentration areas as they will lead to a second license or endorsement.

Early Childhood Program
(Pre-K through Grade 3)
A Recommended Sequence of Courses

FRESHMAN YEAR

1. FYS 1000 Level First Year Seminar (4) or TYS 2000 Level Transition Year Seminar (4) (*Adult learners ONLY*)
2. INST 1500 Level Identity Projects: Writing and Literature (4)
3. EDUC 1200 Teaching Elem. Children in & Through the Arts (4)
4. *EDUC 1600 Study of the School (4) Writing Intensive*
5. EDUC 1700 Phonics & Language Study: Early Childhood (4)
6. GEOG 1000 World Regional Geography (4)
7. LFW Series Health & Physical Ed. Lifestyle Series (1)
8. MATH 1210 Nature of Mathematics (4) or MATH 1500 Introduction to Mathematical Thought (4)
9. PSYC 2310 Child & Adolescent Development (4)
10. PHED 2200 Health & Movement for the Early Childhood Classroom (4)

**Note:** Spring term only during Freshman year.

Concentration Area Courses: A concentration area is required. Please see the following pages for the recommended options.
### SOPHOMORE YEAR

1. INST 2000 Level Interconnections (4)
2. INST 2200 Level Reflection & Responsibility (4)
3. EDUC 2200 Educational Psychology: Early Childhood (4)
4. EDUC 2300 Educational Technology: Early Childhood (2)
5. EDUC 2510 Exceptional Children: Early Childhood (4)
6. EDUC 2600 Emergent Literacy in Inclusive Environments (4) - Writing Intensive
7. EDUC 3550 Classroom Management (2)
8. MATH 2100 Math for Early Childhood Education (4)

### CONCENTRATION AREA COURSES

### JUNIOR YEAR

1. INST 2400 Level Natural Foundations (4)
2. INST 2600 Level Creativity & Culture (4)
3. EDUC 2400 Social Studies in the Prim. & Interm. Classroom (4)
4. EDUC 2500 Science in the Primary & Interm. Classroom (4)
5. EDUC 3200 Integrated Methods: Early Childhood (4)
6. EDUC 3600 Multicultural Education (2)
7. EDUC 3640 Elementary Literacy Assessment & Instruction (4)

### CONCENTRATION AREA COURSES

### SENIOR YEAR

1. *INST 3500 Interdisciplinary Dyad (4)
2. *INST 4000 Interdisciplinary Dyad (4)
3. *EDUC 4000 Individual Field Experience (0-4)
4. *EDUC 4710 Student Teaching: Early Childhood (10) or *EDUC 4900 Teaching Internship (4 to 12)
5. EDUC 4720 SYE Seminar: Early Childhood (2)

### CONCENTRATION AREA COURSES

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1. *EDUC 1600 requires special permission from the Department, 2.5 overall GPA, and appropriate standardized test scores to enroll (see pp. 7-8 and p. 44 for more details).
2. *INST Dyads: Consult the University catalogue for Dyad options and requirements.
3. *EDUC 4000 Field Experience: Only required under special circumstances by the Chairperson of the Education Department.
5. *EDUC 4900 Internship is an optional program of a) a full year of teaching experience open to selected candidates or b) an experience in an alternative educational context. See pp. 13-14 and p. 53 for more details.
6. *EDUC 4900 Internship is an optional program of a full year of teaching experience open to selected candidates. See pages 14 and 44 for more details.
Concentration Areas for Early Childhood Program (Pre-K to Grade 3)

EARLY CHILDHOOD GENERALIST (28 sem. hrs.)
Leads to Early Childhood Generalist Endorsement (Grades 4-5). Additional licensure exam required. See Department Chair for additional information.

1. EDUC 2400 Social Studies in the Primary & Intermediate Classroom (4)
2. EDUC 2500 Science in the Primary & Intermediate Classroom (4)
3. EDUC 3210 Adv. Pedagogical Content Knowledge: Intermediate Science (2)
4. EDUC 3220 Adv. Pedagogical Content Knowledge: Intermediate Math (2)
5. EDUC 3230 Adv. Pedagogical Content Knowledge: Interm. Social Studies (2)
6. EDUC 3240 Adv. Pedagogical Content Knowledge: Interm. Language Arts (2)
7. EDUC 3250 Development, Learning & Instruction for Intern. Grade Students (4)
8. EDUC 3640 Elementary Literacy Assessment & Instruction (4)
9. MATH 2100 Math for Early Childhood Education (4)

INTERVENTION SPECIALIST (30 sem. hrs.)
Leads to second license for Early Childhood Intervention Specialist. Additional licensure exam required.

1. PSYC 2310 Child & Adolescent Development (4)
2. PSYC 4210 Developmental Psychopathology (4)
3. SOCL 3020 Sociology of Family Diversity (4) (Prerequisite SOCL 1000 or permission of instructor)
4. EDUC 2510 Exceptional Children: Early Childhood (4)
5. EDUC 2600 Emergent Literacy in Inclusive Environments (4)
6. EDUC 3550 Classroom Management (2)
7. EDUC 3640 Elementary Literacy Assessment & Instruction (4)
8. EDUC 4550 Practicum: Early Childhood Special Education (4) (Prerequisites: EDUC 1600, EDUC 2000/2200, and EDUC 2510)

SPECIALIZED CONTENT STRAND (20 sem. hrs.)
Specialized Content Strand may replace concentrations outlined above. Contact your faculty advisor to discuss the strand. Send a description of your strand to the Chair of the Department for review and approval.

Specialized Content Strand must meet the following requirements:

1. Include a minimum of 16 semester hours of a content area beyond the basic/elementary level and could be based on a defined University minor
2. Be defined in collaboration between the candidates and the academic advisor
3. Be submitted with the application for admission to Teacher Education
4. Be approved by the Education Department Chair
5. Approved request must be submitted by the candidate to the Office of the Registrar within two semesters of graduation. Follow-up with the Chair of the Department to acquire final approval.
Middle Childhood Teacher Education Program

Degree
The Bachelor of Science in Education (BSE) degree is designed specifically for the preparation of Early Childhood, Middle Childhood, and Integrated Science (7-12) teachers. The BSE Degree requires a minimum of 126 semester hours of coursework.

Teaching Licenses
The Middle Childhood Education program leads to an Ohio four year Middle Childhood Resident Educator License valid for teaching grades four through nine in two content areas.

Attention is called to additional license possibilities by completing the Middle Childhood Generalist Endorsement, Grades 4-6 (p. 22).

Program Description
A display of the required courses and recommended course sequences for the Middle Childhood program is presented on the next few pages. The recommended sequence may be changed on the advice of the faculty advisor to meet individual scheduling needs. Course substitutions require the written permission of the Chairperson of the Education Department.

Middle Childhood teacher education students at Otterbein University must complete two concentration areas in a single academic area. The approved concentration areas, including the coursework that is acceptable, are displayed on pages 21-22. Middle Childhood education students may choose two of the following four approved concentration area options:

- Language Arts (p. 21)
- Mathematics (p. 21)
- Science (p. 22)
- Social Studies (p. 22)
# Middle Childhood Program (Grades 4 through 9)

## A Recommended Sequence of Courses

### FRESHMAN YEAR

<p>| | |</p>
<table>
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</table>
| 1 | FYS 1000 Level First Year Seminar (4) **or**
|   | TYS 2000 Level Transition Year Seminar (4) *(Adult learners ONLY)*
| 2 | INST 1500 Level Identity Projects: Writing and Literature (4)
| 3 | **EDUC 1600** Study of the School (4) *Writing Intensive*
| 4 | EDUC 1710 Phonics & Language Study: Middle Childhood (4)
| 5 | LFW Series Health & Physical Ed. Lifestyle Series (1)
| 6 | MATH 1210 Nature of Mathematics (4) **or** MATH 1500 Introduction to Mathematical Thought (4)

**Concentration Area Courses:** Coursework in two content areas is required. Please see the following pages for the recommended options.

### SOPHOMORE YEAR

<p>| | |</p>
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</table>
| 1 | INST 2000 Level Interconnections (4)
| 2 | INST 2200 Level Reflection & Responsibility (4)
| 3 | EDUC 2000 Educational Psychology: Adolescence (4)
| 4 | EDUC 3850 Using Literacy Across Disciplines in the Middle Grades (4) *Writing Intensive*
| 5 | EDUC 3410 Middle Childhood Methods I (4) **SPRING ONLY!**

**Concentration Area Courses**

### JUNIOR YEAR

<p>| | |</p>
<table>
<thead>
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</tr>
</thead>
</table>
| 1 | INST 2400 Level Natural Foundations (4)
| 2 | INST 2600 Level Creativity & Culture (4)
| 3 | EDUC 2100 Educational Technology: Adolescence (2)
| 5 | EDUC 3600 Multicultural Education (2)

<p>| | |</p>
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<th></th>
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</thead>
</table>
| 4 | EDUC 3420 Middle Childhood Methods II (3) Must be taken with two content courses below.

**Select two Middle Childhood Content Methods courses:**

- 3430 Middle Grades: Language Arts Methods (4)
- 3440 Middle Grades: Mathematics Methods (4)
- 3450 Middle Grades: Science Methods (4)
- 3460 Middle Grades: Social Studies Methods (4)

**Concentration Area Courses**

---

1. **EDUC 1600** requires special permission from the Department, 2.5 overall GPA, and appropriate standardized test scores to enroll (see pp. 7-8 and p. 44 for more details).
2. **EDUC 3630** is the required choice for candidates completing the Language Arts Concentration Area.
3. **INST Dyads:** Consult the University catalogue for Dyad options and requirements.
4. **EDUC 4000** Field Experience: Only required under special circumstances by the Chairperson of the Education Department.
5. **EDUC 4810** See pp. 13-14 and p. 52 for more details.
6. **EDUC 4900** Internship is an optional program of a full year of teaching experience open to selected students. See pp. 13-14 and 53 for more details.
SENIOR YEAR

1. INST 3500 Interdisciplinary Dyad (4)
2. INST 4000 Interdisciplinary Dyad (4)
3. EDUC 4000 Field Experience (0-4)
4. EDUC 4810 Student Teaching: Middle Childhood (10) or EDUC 4900 Teaching Internship (4 to 12)
5. EDUC 4820 SYE Seminar: Middle Childhood (2)
Concentration Area Courses

Concentration Areas for Middle Childhood Program (Grades 4 to 9)
Two Concentration Areas Required

LANGUAGE ARTS & READING (36 sem. hrs.) Does not include Reading Endorsement

1. EDUC 1710 Phonics & Language Study: Middle Childhood (4)
2. EDUC 3430 Middle Grades: Language Arts Methods (4)
3. EDUC 3630 Adolescent Literature in a Comprehensive Reading Program (4)
4. EDUC 3850 Using Literacy Across Disciplines in the Middle Grades (4)
5. ENGL 1155 Reading, Writing, & the Literary Imagination (4)
6. ENGL 3380 Studies in Adolescent Literatures (4)
7. INST 1500 Level Identity Projects: Writing & Literature (4)

Select one course from the following:

- ENGL 2230 Studies in African American Literatures (4)
- ENGL 2231 Studies in Women’s Literatures (4)
- ENGL 2232 Studies in Diverse Literary Cultures (4)
- ENGL 2233 Studies in World Literatures (4)
- ENGL 2234 Studies in GLBTQ Literatures (4)

Select one course from the following:

- ENGL 2210 Studies in British Literatures Before 1700 (4)
- ENGL 2215 Studies in British Literatures 1700-1900 (4)
- ENGL 2220 Studies in British Literature After 1900 (4)
- ENGL 2250 Studies in American Literature Before 1900 (4)
- ENGL 2255 American Comic Literature of the 20th & 21st Century (4)

MATHEMATICS (24 sem. hrs.)

1. EDUC 3440 Middle Grades Mathematics Methods (4)
2. MATH 1210 Nature of Mathematics (4) or MATH 1500 Introduction to Mathematical Thought (4)
3. MATH 1250 Elementary Functions (4)
4. MATH 1700 Calculus I (4)
5. MATH 2150 Math for Middle Childhood: Numbers & Variables (4)
6. MATH 2170 Math for Middle Childhood: Measurement & Geometry (4)

NOTE: Candidates who do not place into MATH 1250 are required to take additional courses to meet the prerequisites for MATH 1250.
SCIENCE (28 sem. hrs.)

1. BIO 1000 Principles of Biology (4)
2. BMB 2300 Chemistry of Everyday Life for Middle Childhood Education Majors (4) OR CHEM 1100 Survey of General Chemistry (3) AND CHEM 1110 Lab (1)
3. ESCI 1001 Introduction to Environmental Science (4)
4. EDUC 3450 Middle Grades Science Methods (4)
5. INST 2403 The Expanding Universe (4)
6. PHYS 2100 Introduction to Physical Science (4)

Select one course from the following:

- ESCI 1010 Physical Geology (4)
- ESCI 1020 Earth System History (4)

SOCIAL STUDIES (28 sem. hrs.)

1. EDUC 3460 Middle Grades Social Studies Methods (4)
2. GEOG 1000 World Regional Geography (4)
3. INST 2001 The Making of Global Society (4)
4. POLS 1000 American National Government (4)

Select one course from the following:

- HIST 1100 The American Experience to 1865 (4)
- HIST 1200 The American Experience Since 1865 (4)

Select one course from the following:

- HIST 2100 History Seminar (4)
- POLS 2300 Methods of Research & Inquiry in Political Science (4)

Select one course from the following:

- ECON 2100 Principles of Microeconomics (4) (prerequisites: MATH 1210, 1220, 1230, 1240, or 1250)
- HIST 3200 Global Capitalism (4)
- HIST 4210 The Industrial Revolution in a Global Perspective (4)

Middle Childhood Generalist Endorsement (Grades 4-6)

The Middle Childhood Generalist Endorsement (Grades 4-6) is offered at the graduate level only. Candidates with a strong academic record can, with the permission of the Director of Graduate Studies, enroll in one or more of these classes once they have reached junior level status. Graduate courses cannot count toward required hours to graduation. Contact the graduate education advisor or your faculty advisor for more information. For reference, the generalist courses consist of the following:

**Language Arts:**
- EDUC 6545 Advanced Pedagogical Content Knowledge: Language Arts 4-6 (2)
- EDUC 6580 Language Arts Methods in the Intermediate Classroom (4) (paired with EDUC 6545)

**Mathematics:**
- EDUC 6525 Advanced Pedagogical Content Knowledge: Math 4-6 (2)
- MATH 6526 Math for Middle Childhood: Numbers & Variables (4)
- MATH 6527 Math for Middle Childhood: Measurement & Geometry (4)

**Science:**
- EDUC 6515 Advanced Pedagogical Content Knowledge: Science 4-6 (2)
- EDUC 6570 Science Methods in the Intermediate Classroom (4) (paired with EDUC 6515)

**Social Studies:**
- EDUC 6535 Advanced Pedagogical Content Knowledge: Social Studies 4-6 (2)
- EDUC 6560 Social Studies Methods in the Intermediate Classroom (4) (paired with EDUC 6535)
INTEGRATED SCIENCE

TEACHER EDUCATION PROGRAM

Degree: The Bachelor of Science in Education (BSE) is designed specifically for the preparation of Early Childhood, Middle Childhood, and Integrated Science (7-12) teachers.

Total required hours: 126 hrs are required for an Otterbein degree, but this program may require as many as 145 hrs to fulfill all of the course requirements.

Teaching License: The Integrated Science Education Program leads to an Ohio four-year Resident Educator teaching license in Integrated Science valid for teaching grades 7-12. In addition to completing all degree and program requirements, candidates must pass two OAE tests and earn a 3.00 GPA in the content area in order to be considered for licensure.

Program Description: A display of the required courses and recommended course sequences for the Integrated Science Program is presented on the next two pages. The recommended sequence may be changed on the advice of the faculty advisor to meet individual scheduling needs. Course substitutions require the written permission of the Chairperson of the Education Department or your faculty advisor.
INTEGRATED SCIENCE EDUCATION

Candidates must earn a 3.00 GPA in the content area for licensure.

FRESHMAN YEAR

Fall     16 credits
___1. BIO 1010 Introduction to Molecular and Cell Biology (4)
___2. MATH 1700 Calculus I (4)
___3. ESCI 1001 Introduction to Environmental Science (4)
___4. FYS 1000 Level First Year Seminar (4)

Spring    17 credits
___1. BIO 1020 Introduction to Organisms and Ecology (4)
___2. MATH 1800 Calculus II (4)
___3. INST 1500 Identity Projects: Writing and Literature (4)
___4. INST 2403 The Expanding Universe (4)
___5. LFW 1000 Health and Physical Education Lifestyle Series (1)

Cardinal Term, May Term, or Summer  4 credits
___1. EDUC 1600 Study of the School (4) Writing Intensive

SOPHOMORE YEAR

Fall   16 credits
___1. BIO 2010 Genetics (4)
___2. CHEM 1400 General Chemistry I (3)
___3. CHEM 1410 General Chemistry I Laboratory (1)
___4. EDUC 2000 Educational Psychology: Adolescence (4)
___5. INST 2000 Interconnections (4)

Spring   16 credits
___1. BIO 2020 Ecology (4)
___2. BIO 2030 Cell Biology (4)
___3. CHEM 1500 General Chemistry II (3)
___4. CHEM 1510 General Chemistry II Laboratory (1)
___5. ESCI 1010 Physical Geology (4)

Cardinal Term, May Term, or Summer  4 credits
___1. INST 2200 Level: Reflection & Responsibility (4)
INTEGRATED SCIENCE EDUCATION

Candidates must earn a 3.00 GPA in the content area for licensure.

JUNIOR YEAR

Fall 16 credits

___1. CHEM 2800 Analytical Chemistry (3)
___2. CHEM 2810 Analytical Chemistry Lab (1)
___3. PHYS 1500 Principles of Physics I (4)
___4. INST 3500 Level: Interdisciplinary Dyad (4)
___5. INST 2600 Level: Creativity & Culture (4)

Spring 18 credits

___1. CHEM 1200 Survey of Bio-Organic Chemistry (4)
___2. PHYS 1600 Principles of Physics II (4)
___3. ESCI 1020 Earth System History (4)
___4. EDUC 2100 Educational Technology: Adolescence (2)
___5. INST 4000 Level: Interdisciplinary Dyad (4)

Cardinal Term, May Term, or Summer 4 credits

___1. EDUC 3800 Literacies in the Content Area (4)

SENIOR YEAR

Fall 18 credits

___1. PHYS 2700 Principles of Modern Physics (4)
___2. EDUC 3600 Multicultural Education (2)
___3. EDUC 3700 General Methods for Secondary & Multiage (4)
___4. EDUC 3710 Science Seminar (4)
___5. EDUC 4500 Exceptional Children: Adolescence (4)

Spring 16 credits

___1. EDUC 4100 Student Teaching: AYA/Multiage (10)
___2. EDUC 4110 SYE Seminar: AYA / Multiage (2)

1EDUC 1600 requires special permission from the Department, 2.5 overall GPA, and appropriate standardized test scores to enroll (see pp. 7-8 and p. 44 for more details).

2EDUC 4100 See pp.12-13 and p. 45 for more details.
Adolescence to Young Adult (AYA, 7-12) and Multi-Age (PreK-12) Teacher Education Programs

Degree
Adolescence to Young Adult (AYA, 7-12) and Multi-Age (PreK-12) teacher education students usually earn a Bachelor of Arts (BA) degree. Other degrees, including the Bachelor of Science (BS) and Bachelor of Fine Arts (BFA), are possible with specialized programs. Music teachers earn a Bachelor of Music Education (BME) degree.

Teaching Licenses
The Adolescence to Young Adult (AYA, 7-12) and Multi-Age (PreK-12) teacher education programs lead to an Ohio four year Resident Educator License valid for the teaching area(s) completed. The Adolescence to Young Adult teaching license may be used to teach the listed subjects only in grades 7 to 12. The Multi-Age teaching license may be used to teach the listed subjects in all grades.

Teachers with Adolescence to Young Adult licensure may teach in middle schools if the school is organized by academic departments. The school superintendent needs to secure special permission from the State Department of Education for Adolescence to Young Adult teachers to teach classes that enroll students below grade 7.

Program Description

Adolescence to Young Adult (AYA, 7-12)
The basic program outline, including the general education and professional education course requirements for the Adolescence to Young Adult teacher education program, appear on the pages that follow. Blanks are provided for writing in the subject area courses listed on the pages following the basic outline.

At least one academic area must meet the requirements for a College major. Students must check with the general College catalog to be certain that the academic major requirements are met because teaching area course listings may differ from the College major.

<table>
<thead>
<tr>
<th>Integrated Mathematics (p. 29)</th>
<th>Physical Sciences: Chemistry (p. 34)</th>
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</thead>
<tbody>
<tr>
<td>Integrated Language Arts (p. 30-31)</td>
<td>Physical Sciences: Physics (p. 34)</td>
</tr>
<tr>
<td>Integrated Social Studies (pp. 32-33)</td>
<td>Life Sciences (p. 35)</td>
</tr>
</tbody>
</table>

Multi-Age (PreK-12)
The basic program outline of general education and professional education course requirements on the following page may be followed in planning the Multi-Age (PreK-12) teacher education programs also. Multi-Age (PreK-12) students must include work with early, middle, and secondary pupils in field assignments.

The courses required for the subject areas that may be included in the Multi-Age (PreK-12) program are listed on the pages following the adolescence to young adult program.

Music Education (p. 36)
Visual Art (p. 37)
Spanish Language (p. 37)
Adolescence to Young Adult (AYA, 7-12) and Multi-Age (PreK-12)

Please choose one or more teaching fields from the following pages and write the courses in the blanks provided. Please note discrepancies between major requirements and requirements for licensure.

**FRESHMAN YEAR**

1. FYS 1000 Level First Year Seminar (4) or
   TYS 2000 Level Transition Year Seminar (4) (Adult learners ONLY)
2. □ INST 1500 Level Identity Projects: Writing and Literature (4)
3. □ MATH
6. □ EDUC 1600 Study of the School (4)
7. □
8. □
9. □ LFW Series Health & Physical Ed. Lifestyle Series (1)

**SOPHOMORE YEAR**

1. □ INST 2000 Level Interconnections (4)
2. □ INST 2200 Level Reflection & Responsibility (4)
3. □ EDUC 2000 Educational Psychology: Adolescence (4)
4. □
5. □
6. □
7. □
8. □

1Candidates should check their individual licensure programs and major requirements to determine if any special Integrative Studies courses are required.

2Adolescence to Young Adult and Multi-Age teacher licensure requires credit in one college level mathematics course. Candidates may choose from MATH 1210, 1220, 1230, 1240, 1250, or 1700, or PHIL 1200 being sure to address math placement test results, degree requirements, and course prerequisites.

3Modern Language is not required for the Art with Art Education Concentration (BA), Health Education (BA), Music Education (BME), and Physical Education (BA) degrees.

4EDUC 1600 requires special permission from the Education Department; 2.5 overall GPA, and appropriate standardized test scores to enroll (see pp. 7-8 and p. 44 for more details).
JUNIOR YEAR

1. INST 2400 Level Natural Foundations (4)
2. INST 2600 Level Creativity & Culture (4)
3. EDUC 2100 Educational Technology: Adolescence (2)
4. EDUC 3600 Multicultural Education (2)

5. EDUC 3700 General Methods for Secondary & Multiage Classrooms (4)

6. Select appropriate Content Methods for Secondary & Multiage Classroom course to be taken concurrently with EDUC 3700.
   - EDUC 3710 Science Seminar (4)
   - EDUC 3720 Mathematics Seminar (4)
   - EDUC 3740 Social Studies Seminar (4)
   - EDUC 3750 Integrated Language Arts Seminar (4)
   - EDUC 3760 Visual Arts Seminar (4)
   - SPAN 3700 Spanish & Latin American Studies (4)

FALL

EDUC 3730 Science Seminar (4)
EDUC 3750 Integrated Language Arts Seminar (4)
EDUC 3760 Visual Arts Seminar (4)
SPAN 3700 Spanish & Latin American Studies (4)

SENIOR YEAR

1. INST 3500 Interdisciplinary Dyad (4)
2. INST 4000 Interdisciplinary Dyad (4)
3. EDUC 4000 Field Experience (0-4)
4. EDUC 4100 Student Teaching: AYA/Multi-Age (10) or
   EDUC 4900 Teaching Internship (5 to 15)
5. EDUC 4110 SYE Seminar: AYA/Multiage (2)

6.
7.
8.
9.

10. EDUC 2100 is not required of candidates pursuing Music, Health & Physical Education, or Visual Arts licensure because a technology course is offered in the content area.

6. Candidates pursuing Music take a methods course in the Music Department in place of EDUC 3700 and Seminar.

7. Multiage candidates may choose between EDUC 3800 and EDUC 3850 for the reading requirement.

8. EDUC 4500 is not required of candidates pursuing Health & Physical Education licensure.

9. INST Dyads: Consult the University catalogue for Dyad options and requirements.

10. EDUC 4000 Field Experience: Only required under special circumstances by the Chairperson of the Education Department.


12. EDUC 4900 Internship is an optional program of a full year of teaching experience open to selected students. See pp. 13-14 and p. 53 for more details.
Teaching Area Courses
Adolescence to Young Adult (7-12) Programs

INTEGRATED MATHEMATICS (48 sem. hrs.)

- MATH 1240  Statistics I (4)
- MATH 1500  Introduction to Mathematical Thought (4)
- MATH 1700  Calculus I (4)
- MATH 1800  Calculus II (4)
- MATH 2500  Linear Algebra (4)
- MATH 2700  Multivariable Calculus (4)
- MATH 3000  Real Analysis I (4) - Writing Intensive
- MATH 3200  Abstract Algebra I (4)
- MATH 3540  History & Philosophy of Mathematics (4)
- MATH 3600  Combinatorics & Graph Theory (4)
- MATH 3700  Advanced Geometry (4)
- EDUC 3720  Content Methods for Secondary & Multiage Classrooms: Mathematics Seminar (4) (Taken with EDUC 3700) FALL ONLY SEQUENCE!

1Prerequisite: C– or better in MATH 1250 or placement.

Major requirements may differ from licensure requirements.
INTEGRATED LANGUAGE ARTS (Based on English Major) (57 sem. hrs.)

___ COMM 1100 Public Speaking (4)
___ COMM 3100 Advanced Public Speaking (4)
___ EDUC 3630 Adolescent Lit. in a Comprehensive Reading Program (4)
___ ENGL 1155 Reading, Writing, & the Literary Imagination (4)
___ ENGL 2295 Linguistics (4)
___ ENGL 3350 Shakespeare (4)
___ ENGL 3355 Studies in Literary & Critical Theory (4)
___ ENGL 3380 Studies in Adolescent Literatures (4)
___ EDUC 3750 Content Methods for Secondary & Multiage Classrooms: Integrated Language Arts Seminar (4) *(Taken with EDUC 3700)*
___ JAMC 1600 Reporting and News Writing (4)
___ or
___ JAMC 2700 Media Writing (4)

Select two courses from the following:
___ ENGL 2210 Studies in British Literatures Before 1700 (4)
___ ENGL 2215 Studies in British Literatures 1700-1900 (4)
___ ENGL 2220 Studies in British Literatures After 1900 (4)
___ ENGL 2250 Studies in American Literatures Before 1900 (4)
___ ENGL 2255 American Comic Literature of the 20th & 21st Century (4)

Select one course from the following:
___ ENGL 2230 Studies in African American Literatures (4)
___ ENGL 2231 Studies in Women’s Literatures (4)
___ ENGL 2232 Studies in Diverse Literary Cultures (4)
___ ENGL 2233 Studies in World Literatures (4)
___ ENGL 2234 Studies in GLBTQ Literatures (4)
INTEGRATED LANGUAGE ARTS (continued)

Select one course from the following:
_____ ENGL 1160 Creative Writing Across the Genres (4)
_____ ENGL 1175 Studies in Film (4)
_____ ENGL 1176 Studies in Graphic Narrative (4)
_____ ENGL 1177 Studies in Digital Media (4)
_____ ENGL 1192 Special Topics in Expository Writing (1-4)
_____ ENGL 1193 Special Topics in Professional Writing (1-4)
_____ ENGL 3000 Studies in Environmental Literatures and Writing (4)

Select one course from the following:
_____ JAMC 1401 WOBN Practicum (1)
_____ JAMC 1402 WOCC Practicum (1)
_____ JAMC 1403 Tan & Cardinal Practicum (1)
_____ JAMC 1404 Otterbein360.com Practicum (1)

NOTE: Candidates are required to complete coursework in the following areas:
• Historical—1 pre-1700 (1); 1 1700-1900 (2); and 1 post-1900 (3)
• Cultural—1 American (A); 1 British (B); and 1 World (W)

Major requirements may differ from licensure requirements.
**INTEGRATED SOCIAL STUDIES (Based on History Major)** (60-64 sem. hrs.)

- GEOG 1000 World Regional Geography (4)
- HIST 2100 History Seminar (4) - Writing Intensive
- HIST 4800 Research Seminar (4)
- INST 2003 Topics in Psychology & Society (4)
- POLS 1000 American National Government (4)
- EDUC 3740 Content Methods for Secondary & Multiage Classrooms: Social Studies Seminar (4) *(Taken with EDUC 3700)*

Select one course from the following:
- HIST 1100 The American Experience to 1865 (4)
- HIST 1400 Survey of Pre-Modern Asia (4)
- HIST 1500 African History to 1800 (4)
- HIST 2200 Ancient Greece & Rome (4)
- HIST 2300 European Overseas Encounters (4)

**NOTE:** Students must take one 1000 level and one 2000 level course from these first two groups in order to meet History Major requirements.

Select one course from the following:
- HIST 1200 The American Experience Since 1865 (4)
- HIST 1350 Europe from the Renaissance to the Nuclear Age (4)
- HIST 2350 Industrial, Empire & Reform in Britain (4)
- HIST 2400 The Making of Modern America (4)
- HIST 2450 Southern Africa 1700 to Present (4)
- HIST 2600 Women’s History (4)

Select one course from the following:
- HIST 3100 Medieval History (4)
- HIST 3150 Renaissance & Reformation (4)
- HIST 4250 Revolutions in the Early Modern Era: 1500-1815 (4)

Select one course from the following:
- HIST 3400 The Soviet Union & Russia (4)
- HIST 3450 Nationalism & Internationalism in 20th Century Europe (4)
- HIST 4050 European Intellectual History (4)
- HIST 4100 The Holocaust in Contemporary History (4)

Select one course from the following (African History Elective):
- HIST 3650 African Encounters with Development (4)
- HIST 3720 The Islamic Golden Age (1000-1500 CE) (4)
- HIST 4630 African Independence Movements: 1940s-1970s (4)
- HIST 4660 African History: Era of New Nations (4)

**Continued**

Select one course from the following (Asian History Elective):
- HIST 3330 Modern China (4)
- HIST 3350 The Rise of Modern Japan (4)
INTEGRATED SOCIAL STUDIES (continued)

Select one course from the following (Asian History Elective):

- HIST 3330  Modern China (4)
- HIST 3350  The Rise of Modern Japan (4)
- HIST 4560  Discovering History in Korea (4)

Select one course from the following (United States History Elective):

- HIST 3502  Special Topics in American Hist.: American Civil War (4)
- HIST 3610  Colonizing America (4)
- HIST 4310  American Indian History (4)
- HIST 4350  The Era of the American Revolution (4)

Select one course from the following (United States History Elective):

- HIST 3503  Special Topics in American Hist.: History of Sexuality (4)
- HIST 3550  African American History (4)
- HIST 3580  Environmental History (4)
- HIST 3800  U.S. Immigration, Race, & Ethnicity (4)
- HIST 4400  Riots, Reds, & Riffraff: A Hist. of the American Working Class (4)
- HIST 4450  History of U.S. Social Protest Movements (4)

Select one course from the following (NOTE: If ECON 2100 is chosen, one additional course from HIST 2000-4999 will be required to meet History Major requirements):

- 1ECON 2100  Principles of Microeconomics (4) (Prerequisite is MATH 1210, 1220, 1230, 1240, 1250; course does not count toward History major)
- HIST 3200  Global Capitalism (4)
- HIST 4210  The Industrial Revolution in a Global Perspective (4)

1 ECON 2100 is strongly recommended for candidates seeking licensure.

Major requirements may differ from licensure requirements.
### PHYSICAL SCIENCES: CHEMISTRY (68 sem. hrs.)

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<th>Title</th>
<th>Credits</th>
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<tr>
<td>BMB 2650</td>
<td>Intro. to Biochemistry Laboratory Techniques</td>
<td>1</td>
</tr>
<tr>
<td>BMB 4500</td>
<td>Biochemistry I, Biomolecules &amp; Metabolism</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1400/1410</td>
<td>General Chemistry I &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1500/1510</td>
<td>General Chemistry II &amp; Lab</td>
<td>4</td>
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<tr>
<td>CHEM 2400/2410</td>
<td>Organic Chemistry I &amp; Lab</td>
<td>4</td>
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<tr>
<td>CHEM 2500/2510</td>
<td>Organic Chemistry II &amp; Lab</td>
<td>4</td>
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<tr>
<td>CHEM 2700/2710</td>
<td>Inorganic Chemistry &amp; Lab</td>
<td>4</td>
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<tr>
<td>CHEM 2800/2810</td>
<td>Analytical Chemistry &amp; Lab</td>
<td>4</td>
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<td>CHEM 3400/3410</td>
<td>Physical Chemistry I &amp; Lab</td>
<td>4</td>
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<td>CHEM 4500</td>
<td>Biochemistry I, Biomolecules &amp; Metabolism</td>
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<td>Chemistry Elective (3000-4999 not 4900)</td>
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<td>EDUC 3710</td>
<td>Content Methods for Secondary &amp; Multiage Classrooms: Science Seminar</td>
<td>4</td>
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<td>(Taken with EDUC 3700 (FA LL ONLY SEQUENCE))</td>
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<td>ESCI 1001</td>
<td>Introduction to Environmental Science</td>
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<tr>
<td>INST 2401</td>
<td>Life &amp; Earth Systems</td>
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<td>Calculus II</td>
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<td>MATH 2700</td>
<td>Multivariable Calculus</td>
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<td>PHYS 1500</td>
<td>Principles of Physics I</td>
<td>4</td>
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<tr>
<td>PHYS 1600</td>
<td>Principles of Physics II</td>
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### PHYSICAL SCIENCES: PHYSICS (62 sem. hrs.)

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<tr>
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<th>Title</th>
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<tbody>
<tr>
<td>EDUC 3710</td>
<td>Content Methods for Secondary &amp; Multiage Classrooms: Science Seminar</td>
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<td>(Taken with EDUC 3700) (FALL ONLY SEQUENCE)</td>
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<tr>
<td>BIO 1000</td>
<td>Principles of Biology</td>
<td>4</td>
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<tr>
<td>BMB 2300</td>
<td>Chemistry of Everyday Life for Middle Childhood Education Majors</td>
<td>4</td>
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<tr>
<td>OR CHEM 1100 Survey of General Chemistry (3) AND CHEM 1110 Lab (1)</td>
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<tr>
<td>INST 2403</td>
<td>The Expanding Universe</td>
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<td>PHYS 1600</td>
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<td>PHYS 2700</td>
<td>Principles of Modern Physics</td>
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<td>PHYS 3000</td>
<td>Classical Mechanics</td>
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<tr>
<td>PHYS 3100</td>
<td>Electricity &amp; Magnetism</td>
<td>4</td>
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<td>PHYS 3500</td>
<td>Advanced Laboratory I (3) -Writing Intensive</td>
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<td></td>
<td>Physics Electives (3000-4999) (11 total)</td>
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</table>

**Major requirements may differ from licensure requirements.**
LIFE SCIENCES (Based on Biology Major)  (60 sem. hrs.)

___  BIO 1010  Introduction to Molecular & Cell Biology (4)
___  BIO 1020  Introduction to Organisms & Ecology (4)
___  BIO 2010  Genetics (5)
___  BIO 2020  Ecology (4)
___  BIO 2030  Cell Biology (4)
___  BIO 2998  Biology & Earth Science Seminar 1 (1)
___  BIO 2999  Biology & Earth Science Seminar 2 (1)
___  CHEM 1200  Survey of Bio-Organic Chemistry (4)
___  CHEM 1400/1410  General Chemistry I & Lab (4)
___  CHEM 1500/1510  General Chemistry II & Lab (4)
___  EDUC 3710  Content Methods for Secondary & Multiage Classrooms: Science Seminar (4) (Taken with EDUC 3700) **FALL ONLY SEQUENCE!**
___  PHYS 2100  Introduction to Physical Science (4)

Select four courses from the following:

___  BIO 3020  Conservation Biology (4)
___  BIO 3100  Molecular Genetics (4)
___  BIO 3120  Immunology (4)
___  BIO 3140  Developmental Biology (4)
___  BIO 3160  Microbiology (4)
___  BIO 3180  Human Genetics (5)
___  BIO 3200  Plant Diversity & Ecology (4)
___  BIO 3220  Plant Physiology (4)
___  BIO 3300  Invertebrate Zoology (4)
___  BIO 3320  Field Biology (4)
___  BIO 3340  Coral Reef Ecology (4)
___  BIO 3360  Tropical Biology & Agriculture of Costa Rica (4)
___  BIO 3400  Vertebrate Biology (4)
___  BIO 3420  Vertebrate Morphology (4)
___  BIO 3440  Animal Systems Physiology (4)

Notes:

1.  BIO 4998 is no longer required for majors. However, candidates who are completing a senior research thesis may count those credits towards an upper level Biology elective.
2.  Biology majors may count Biochemistry as an upper level Biology class.

    *Major requirements may differ from licensure requirements.*
### Teaching Area Courses
#### Multi-Age (PreK-12) Programs

**MUSIC EDUCATION Multi-Age** (67 sem. hrs.)

- MUSC 1000/1001  Music Theory I & II, 2 semesters (6 total)
- MUSC 1010/1011  Aural Skills I & II, 2 semesters (2 total)
- MUSC 1020/1021  Piano Class, 2 semesters (2 total) *(or until proficiency exam is passed)*
- MUSC 1023 OR 1034  Voice Class for Music Educators *(instrumentalists)* or Vocal Pedagogy & Diction for Choral Music Educators (1)
- MUSC 1032  Guitar Methods (1)
- MUSC 1033  Percussion Methods (1)
- MUSC 1040  Introduction to Music (2)
- MUSC 1050  Exploring the Digital Arts (2)
- MUSC 1080  Concert Attendance, 6 semesters (0)
- MUSC 1082  Music Education Practicum, 7 semesters (0)
- MUSC 1092/1093  Applied Music, 2 semesters (2 total)
- MUSC 2000  Music Theory III: Renaissance Through Classical Styles (3)
- MUSC 2001  Music Theory IV: Romantic Through Contemporary Styles (3)
- MUSC 2010/2011  Aural Skills III & IV, 2 semesters (2 total)
- MUSC 2020/2021  Piano Class III & IV, 2 semesters (2 total) *(or until proficiency exam is passed)*
- MUSC 2023  Keyboard Skills for Piano Majors (1)*
- MUSC 2032/2035  Woodwind & Brass Methods, 2 semesters (2)
- MUSC 2040  Music History and Literature I (3)
- MUSC 2080  Sophomore Conference (0)
- MUSC 2092/2093  Sophomore Applied Music, 2 semesters (2 total)
- MUSC 3020  Conducting I (2)
- MUSC 3021  Conducting II (2)
- MUSC 3032  Vocal and Choral Methods K-12 (3)
- MUSC 3033  Instrumental Methods K-12 (3)
- MUSC 3036/3037  String Methods I & II, 2 semesters (2 total)
- MUSC 3040  Music History and Literature II (3) - Writing Intensive
- MUSC 3041  Music History and Literature III (3) - Writing Intensive
- MUSC 3080  Half Recital (.5)
- MUSC 3092/3093  Junior Applied Music, 2 semesters (2 total)
- Major Ensemble, 7 semesters (3.5)
- Music electives to total two semester hours (2)

Bachelor of Music Education candidates will follow the Basic Secondary Multi-Age Program outline except that EDUC 2100 and modern language are not required.

*MUSC 2023 is only for piano majors who are not required to take MUSC 1020/21 or 2020/21.*

*Major requirements may differ from licensure requirements.*
SPANISH LANGUAGE Multi-Age (40 sem. hrs.)

- SPAN 1000 Elementary Spanish I (4)
- SPAN 1100 Elementary Spanish II (4)
- SPAN 2000 Intermediate Grammar, Conversation, Reading, & Composition (4)
- SPAN 2100 Advanced Grammar, Conversation, Reading, & Composition I (4)
- SPAN 2200 Advanced Grammar, Conversation, Reading, & Composition II (4)
- SPAN 3000 Latin American Civilization & Culture (4)
- SPAN 3100 Spanish Civilization & Culture (4)
- SPAN 3200 Latin American Literature & Film (4)
- SPAN 3700 Content Teaching Methods: Spanish & Latin American Studies (4) *(Taken with EDUC 3700)*

Select one course from the following:

- SPAN 3600 Discovering Latin America *(travel course)* (4)
- SPAN 3800 Special Topics Seminar in Spanish & Latin American Studies (4) *Writing Intensive*

Note: An additional course in Elementary Spanish Methods will be required for all candidates who begin their program in Fall 2015 or later. Course number to be assigned.

VISUAL ART Multi-Age (59 sem. hrs.)

- ART 1000 Freshman Seminar (1)
- ART 1050 Drawing I (4)
- ART 1100 Design 2D (4)
- ART 1150 Design 3D (4)
- ART 1200 Beginning Painting (4)
- ART 1500 Beginning Photography (4)
- ART 2000 Sophomore Seminar (1)
- ART 2700 Beginning Ceramics (4)
- ART 3400 Beginning Integrated Digital Media (4)
- ART 3920 Art Methods & Materials at the Elementary & Middle School Levels (4) *Spring only!*
- ART 4000 Senior Practicum (1)
- ARTH 1000 Art History Survey I: Prehistory 14th Century Common Era (4)
- ARTH 1100 Art History Survey II: 15th to 21st Centuries (4)
- EDUC 3760 Content Methods for Secondary & Multiage Classrooms: Visual Arts Seminar (4) *(Taken with EDUC 3700)*

FALL ONLY SEQUENCE!

Select one course from the following:

- ART 2800 Relief Printmaking (4)
- ART 3800 Intaglio Printmaking (4)

Select one studio elective (cannot double-count ART 2800 or 3800 if taken to meet printmaking course):

- ART *4*

Select one additional Art History course:

- ARTH *4*

Candidates successfully completing ART 3400 do not need to complete EDUC 2100 Educational Technology.

Major requirements may differ from licensure requirements.
Educational Studies Program

The Educational Studies Program meets the needs of candidates who might be interested in Education as a major or minor but not necessarily as an avenue to classroom teaching. To that end, the Education Department has worked with other departments and developed a program that provides candidates with a Bachelor’s degree and an opportunity to explore educational settings from diverse disciplinary perspectives and with unique opportunities for internships outside of the classroom.

This program can serve as pre-professional preparation for school psychologists/counselors, church-based educators, and non-profit leaders (e.g., Girl Scouts, Boy Scouts, museums, latch-key programs, recreation programs). There is also a niche for educators in the corporate community; for example, as publishers, editors, and corporate trainers.

Concentration areas include coursework from the following disciplines: Communications, Creative Writing, Ethics, Film Studies, Human and Community Service, Literary Studies, Psychology, Religion/Philosophy, and Women’s Gender and Sexuality Studies.

For more information about this major, please contact Dr. Kristin Bourdage, kbourdage@otterbein.edu.
Educational Studies Major:

I. General Education Requirements

First Year or Transition Year Seminar (4 hrs)
Integrative Studies (28 hrs)
Modern Language (0, 4 or 8 hrs)
Mathematics (4 hrs)
Health and Physical Education Lifestyle Series (1 hr)
Senior Year Experience (4 hrs)
Writing Intensive Requirement (12 hrs)

II. Major Requirements (36-48 hrs)

A. Core Courses (6 courses required)

EDUC 1600 - Study of the School - Writing Intensive 4 hrs
EDUC 3600 - Multicultural Education 4 hrs
Select 1 of the following:
   EDUC 1700 - Phonics and Language Study: Early Childhood 4 hrs
   EDUC 1710 - Phonics and Language Study: Middle Childhood 4 hrs
Select 1 of the following:
   EDUC 2000 - Educational Psychology: Adolescence 4 hrs
   EDUC 2200 - Educational Psychology: Early Childhood 4 hrs
Select 1 of the following:
   EDUC 2100 - Educational Technology: Adolescence 2 hrs
   EDUC 2200 - Educational Technology: Early Childhood 2 hrs
Select 1 of the following:
   EDUC 2510 - Exceptional Children: Early Childhood 4 hrs
   EDUC 4500 - Exceptional Children: Adolescence 4 hrs

B. Elective Hours (4 hrs required)

EDUC 1200 - Teaching Elementary Children in and Through the Arts 4 hrs
EDUC 2400 - Social Studies in the Primary and Intermediate Classroom 4 hrs
EDUC 2500 - Science in the Primary and Intermediate Classroom 4 hrs
EDUC 2600 - Emergent Literacy in Inclusive Environments - Writing Intensive 4 hrs
EDUC 3210 - Advanced Pedagogical Content Knowledge: Intermediate Science 2 hrs
EDUC 3220 - Advanced Pedagogical Content Knowledge: Intermediate Mathematics 2 hrs
EDUC 3230 - Advanced Pedagogical Content Knowledge: Intermediate Social Stud. 2 hrs
EDUC 3240 - Advanced Pedagogical Content Knowledge: Intermediate Lang. Arts 2 hrs
EDUC 3250 - Development, Learning and Instruction for Intermediate Students 4 hrs
EDUC 3550 - Classroom Management 2 hrs
EDUC 3630 - Adolescent Literature in a Comprehensive Reading Program 4 hrs
EDUC 3640 - Elementary Literacy Assessment and Instruction 4 hrs
EDUC 3800 - Literacy in the Content Area 4 hrs
EDUC 3850 - Using Literacy Across Disciplines in Middle Grades - Writing Intensive 4 hrs
PHED 2200 - Health and Movement Education for the Early Childhood Classroom 4 hrs
C. Concentration (select one)

Communications Concentration (24 hrs)
COMM 1000 - Communicating with Audiences 4 hrs
COMM 1800 - Interpersonal Communication 4 hrs
COMM 2400 - Argumentation and Advocacy 4 hrs
12hrs from any COMM and/or JAMC 1000-4999

Creative Writing Concentration (20 hrs)
ENGL 1155 - How Literature Matters 4 hrs
ENGL 1160 - Creative Writing Across the Genres 4 hrs
Complete 1 course from the following:
ENGL 2210 - Studies in British Literatures Before 1700 4 hrs
ENGL 2215 - Studies in British Literatures 1700-1900 4 hrs
ENGL 2220 - Studies in British Literature After 1900 4 hrs
ENGL 2230 - Studies in African American Literatures - Writing Intensive 4 hrs
ENGL 2231 - Studies in Women's Literatures - Writing Intensive 4 hrs
ENGL 2232 - Studies in Diverse Literary Cultures - Writing Intensive 4 hrs
ENGL 2233 - Studies in World Literatures 4 hrs
ENGL 2234 - Studies in GLBTQ Literatures - Writing Intensive 4 hrs
ENGL 2250 - Studies in American Literatures Before 1900 4 hrs
ENGL 2255 - Studies in American Literatures After 1900 4 hrs
Complete 2 courses from the following:
ENGL 2260 - Intermediate Poetry Writing 4 hrs
ENGL 2261 - Intermediate Fiction Writing 4 hrs
ENGL 2262 - Intermediate Essay Writing 4 hrs
ENGL 2263 - Intermediate Playwriting 4 hrs
ENGL 2264 - Intermediate Screenwriting 4 hrs
ENGL 3310 - Advanced Poetry Writing - Writing Intensive 4 hrs
ENGL 3311 - Advanced Fiction Writing - Writing Intensive 4 hrs
ENGL 3312 - Advanced Essay Writing - Writing Intensive 4 hrs
ENGL 3313 - Advanced Playwriting - Writing Intensive 4 hrs
ENGL 3314 - Advanced Screenwriting - Writing Intensive 4 hrs
ENGL 3360 - Special Topics in Creative Writing 4 hrs
ENGL 3365 - Digital Essaying 4 hrs
ENGL 3375 - Teaching Creative Writing in the Community 4 hrs

Ethics Concentration (24 hrs)
PHIL 2950 - Ethics 4 hrs
Complete 3 courses from the following:
PHIL 1300 - Contemporary Moral Problems 4 hrs
PHIL 2400 - Environmental Philosophy 4 hrs
PHIL 2500 - Philosophy of Race and Ethnicity 4 hrs
PHIL 2800 - Social and Political Philosophy 4 hrs
RELG 3200 - Life and Teachings of Jesus 4 hrs
RELG 3700 - Women and Religion 4 hrs
Complete 1 course from the following:
PHIL 4000 - Seminar in Philosophy - Writing Intensive 4 hrs
PHIL 4900 - Internship complete a minimum of 4 hrs (will also fulfill the Ed. Studies internship requirement)

Complete 1 course from the following:
INST 2201 - Theology of Social Justice 4 hrs
INST 2202 - The Responsible Self in Hinduism and Buddhism 4 hrs
INST 2203 - Ethics in a Global Context 4 hrs
INST 2206 - Buddhist Ethics and Personal Responsibility 4 hrs
Film Studies Concentration (16 hrs)
ENGL 1175 - Studies in Film 4 hrs
FMST 2280 - Cinema: History, Theory and Criticism 4 hrs
Complete 2 courses from the following:
ENGL 2264 - Intermediate Screenwriting 4 hrs
FMST 3280 - Studies in Directors and/or Movements 4 hrs
FMST 3281 - Film and Cultural Studies 4 hrs

Human and Community Service Concentration (20 hrs)
MGMT 3555 - Non-Profit Management 4 hrs
SOCL 3060 - Sociology of Race and Ethnicity 4 hrs
SOCL 3100 - Human and Community Service: Organizing Across Race, Class, Gender and Age 4 hrs
Additional 6 hours in consultation with your academic advisor

Literary Studies Concentration (16 hrs)
ENGL 1155 - How Literature Matters 4 hrs
Complete 1 course from the following:
ENGL 2210 - Studies in British Literatures Before 1700 4 hrs
ENGL 2215 - Studies in British Literatures 1700-1900 4 hrs
ENGL 2220 - Studies in British Literature After 1900 4 hrs
ENGL 2250 - Studies in American Literatures Before 1900 4 hrs
ENGL 2255 - Studies in American Literatures After 1900 4 hrs
Complete 1 course from the following:
ENGL 2230 - Studies in African American Literatures - Writing Intensive 4 hrs
ENGL 2231 - Studies in Women's Literatures - Writing Intensive 4 hrs
ENGL 2232 - Studies in Diverse Literary Cultures - Writing Intensive 4 hrs
ENGL 2233 - Studies in World Literatures 4 hrs
ENGL 2234 - Studies in GLBTQ Literatures - Writing Intensive 4 hrs
Complete 1 course from the following:
ENGL 3325 - Studies in Literature, History and Culture 4 hrs
ENGL 3340 - Studies in Individual Authors 4 hrs
ENGL 3350 - Shakespeare - Writing Intensive 4 hrs
ENGL 3355 - Studies in Literary and Critical Theory 4 hrs
ENGL 3380 - Studies in Adolescent Literatures 4 hrs
ENGL 3381 - Studies in Textuality and Genre 4 hrs

Psychology Concentration (20 hrs)
PSYC 1000 - Psychology for Non-Majors 4 hrs
Complete 1 course from the following:
PSYC 2000 - Lifespan Development 4 hrs
PSYC 2310 - Child and Adolescent Development 4 hrs
Complete 3 courses from the following:
PSYC 2330 - Psychology of Personality 4 hrs
PSYC 2410 - Diversity in Psychology 4 hrs
PSYC 2610 - Social Psychology 4 hrs
PSYC 3110 - Physiological Psychology 4 hrs
PSYC 3120 - Psychology of Perception 4 hrs
PSYC 3130 - Stress and Health Psychology 4 hrs
PSYC 3210 - Abnormal Psychology 4 hrs
PSYC 3420 - Psychology of Women 4 hrs
PSYC 3510 - Assessment 4 hrs
PSYC 3610 - Cognitive Psychology 4 hrs
**Religion Concentration (24 hrs)**

**Required Foundation Course**
RELG 1000 - Introduction to Religion 4 hrs

**Required List One hours: Complete 4 hrs. A course/hours taken from this list may not be double-counted to fulfill the List Two requirement.**
- RELG 1300 - Philosophy of Religion 4 hrs
- RELG 2200 - Religion in America 4 hrs
- RELG 2600 - Introduction to Buddhism 4 hrs
- RELG 3300 - Native American Religions 4 hrs
- RELG 3400 - Buddhism and Daoism in Dialogue 4 hrs
- RELG 3600 - Weaving Women's Mythologies: Ancient and Modern 4 hrs
- RELG 3700 - Women and Religion 4 hrs
- RELG 3800 - Special Topics in Religion at least 4 hrs
- RELG 3900 - Independent Study at least 4 hrs

**Required List Two Hours: Complete 4 hr. A course/hours taken from this list may not be double-counted to fulfill the List One requirement.**
- RELG 1300 - Philosophy of Religion 4 hrs
- RELG 2150 - History of Modern Christianity 4 hrs
- RELG 2200 - Religion in America 4 hrs
- RELG 2300 - Introduction to Judaism and the Hebrew Bible/Old Testament 4 hrs
- RELG 2400 - Introduction to the New Testament/Christian Origins 4 hrs
- RELG 2500 - The Muslim Faith 4 hrs
- RELG 3100 - Paul and His Letters 4 hrs
- RELG 3150 - History of Early Christianity 4 hrs
- RELG 3200 - Life and Teachings of Jesus 4 hrs
- RELG 3600 - Weaving Women's Mythologies: Ancient and Modern 4 hrs
- RELG 3700 - Women and Religion 4 hrs
- RELG 3800 - Special Topics in Religion at least 4 hrs
- RELG 3900 - Independent Study at least 4 hrs

**Required 3000 Level Hours: Complete 8 hrs from among the courses below. Courses/hours taken here may not be double-counted to fulfill the List One and/or List Two requirement.**
- RELG 3100 - Paul and His Letters 4 hrs
- RELG 3150 - History of Early Christianity 4 hrs
- RELG 3200 - Life and Teachings of Jesus 4 hrs
- RELG 3300 - Native American Religions 4 hrs
- RELG 3400 - Buddhism and Daoism in Dialogue 4 hrs
- RELG 3600 - Weaving Women's Mythologies: Ancient and Modern 4 hrs
- RELG 3700 - Women and Religion 4 hrs
- RELG 3800 - Special Topics in Religion up to 8 hrs
- RELG 3900 - Independent Study up to 8 hrs

**Required Senior Seminar or Internship**

Complete 1 course from the following:
- RELG 4000 - Seminar in Religion - Writing Intensive 4 hrs
- RELG 4900 - Internship complete a minimum of 4 hrs (will also fulfill the Ed. Studies internship requirement)
Women's, Gender, and Sexuality Studies Concentration (24 hrs)
WGSS 1100 - Introduction to Women's, Gender, and Sexuality Studies 4 hrs
WGSS 2001 - Theories and Methods: Feminisms - Writing Intensive 4 hrs
WGSS 2002 - Theories and Methods: Gender and Sexuality Studies 4 hrs

Complete 12 hrs from the following:
WGSS 3000 - Special Topics in Women's, Gender, and Sexuality Studies 1-4 hrs
WGSS 3010 - Bodies That Move 4 hrs
WGSS 4026 - Female Trouble: The Pathologies of Femininity, Femininity as Pathology 4 hrs
ARTH 3300 - Gender and Sexuality in Art History 4 hrs
COMM 4100 - Gender and Communication 4 hrs
FMST 3281 - Film and Cultural Studies 4 hrs
INST 3501 - Inscribing the Body: Sexual Identity in Contemporary German Women's Fiction 4 hrs
INST 3504 - Escaping From the Shadows, Coming into Voice; Violence Against Women and Girls 4 hrs
INST 4011 - Sex As Art: Sex and Sexuality in Visual Art 4 hrs

D. Internship (required)
EDUC 4900 or equivalent 2-12 hrs

III. Residency Requirements
In order to graduate from any university a student should take a significant proportion of the hours for his or her program of study from that university, take a significant proportion of hours in the major from that university, and take a significant proportion of the “signature elements” of that university’s general education requirements.

At Otterbein, at least 48 semester hours of coursework must be taken in Otterbein classes. MATH 0900 cannot be used to help fulfill this requirement. Of these hours:
- at least 12 semester hours must be taken in each of a student’s majors at the 3000 level or above;
- at least 4 semester hours (any level) must be taken in each minor;
and the INST dyad must be taken at Otterbein.

IV. Required Total Hours for the Degree (126 hrs)
If the coursework taken to fulfill the General Education Requirements and the requirements in your major do not equal 126 hours, select a sufficient number of electives to achieve that total.

V. Minimum GPA Overall and in the Major
A GPA of 2.0 overall as well as in the major must be achieved. To be licensed to teach, a GPA of 2.75 overall must be achieved.

VI. Application for Degree
A prospective graduate must complete an Application for Degree at the Registrar’s Office two terms prior to the term in which the degree is to be completed.
Education Course Descriptions

Consult the University Catalog for additional course descriptions and information.

EDUC 0901 - PRAXIS PREP: WRITING/GRAMMAR 1 hr.
This course teaches education students to recognize standard written English. It focuses primarily on both usage and sentence structure. The knowledge of grammar that is needed to successfully pass the Praxis Core Academic Skills for Educators: Writing - Section II will be stressed. Students will take many practice tests throughout the course. Students signing up for this course must also enroll in EDUC 0902 which focuses on the essay writing portion of the Praxis I Writing exam. Course/hours do not count towards degree. All education students who do not meet ACT/SAT standardized test requirements will be required to take the appropriate Praxis Prep course(s).

EDUC 0902 - PRAXIS PREP: WRITING/ESSAY 1 hr.
This course enhances students’ ability to compose arguments in timed writing situations while preparing students to be successful in the essay writing portion of the Praxis Core Academic Skills for Educators: Writing - Section I. Course/hours do not count towards degree. All education students who do not meet ACT/SAT standardized test requirements will be required to take the appropriate Praxis Prep course(s).

EDUC 0903 - PRAXIS PREP: MATH 1 hr.
This laboratory course provides instruction, practice and test-taking strategies for the Praxis Core Academic Skills for Educators: Mathematics section. The course includes a review of the mathematics content areas appearing on the test (arithmetic, algebra, geometry and measurement, data interpretation, and reasoning) and provides opportunities to practice problem-solving for multiple-choice tests. Course/hours do not count towards degree. All education students who do not meet ACT/SAT standardized test requirements will be required to take the appropriate Praxis Prep course(s).

EDUC 1200 - TEACHING ELEMENTARY CHILDREN IN & THROUGH THE ARTS 4 hrs.
Teaching Elementary Children In and Through The Arts will provide students the opportunity to understand the importance of the arts in the life of every elementary child. Students will appreciate the importance of the arts in cultivating the whole child. Students will build many kinds of literacy while they develop intuition, reasoning, imagination and dexterity, and creativity through the arts. Students will develop teaching strategies to enrich the elementary classroom experience in and through the arts.

EDUC 1600 - STUDY OF THE SCHOOL 4 hrs.
In this course, students will (a) critically examine their beliefs about education and (b) explore the role teachers and schools play in creating an equal education that results in powerful learning and democratic participation. This course emphasizes the impact that social and political events have had on the history and philosophy of education. Students are exposed to the dispositions and skills that are critical to becoming a successful teacher. Course activities may include: intensive readings, group discussion, class presentations, research and writing assignments. Prerequisites: Department permission; ACT scores 20 or above on English and Math OR SAT scores 500 or above on Critical Writing and Math OR Praxis I scores 172 or above on Writing and Math OR Praxis Core Academic Skills for Educators (as of 9/1/14) with scores of 150 on Math and/or 162 on Writing; overall 2.5 GPA or better on all coursework taken prior to the term enrolled in EDUC 1600. Notes: 45 off campus field hours required. Current BCI/FBI Background check must be on file in the Education office. This course has an additional fee.

EDUC 1700 - PHONICS & LANGUAGE STUDY: EARLY CHILDHOOD 4 hrs.
This course examines developmental patterns in first and second language acquisition, phonemic awareness, and phonics knowledge. Students will learn how to assess children’s understanding in these three domains and use this data to design instruction that supports and extends children’s; individual development and identity; individuals, groups, and institutions; power, authority, and governance; production, distribution, and consumption; science, technology, and society; global connections; and civic ideals and practices). Children’s literature will be a major vehicle through which the methods, materials, and content of social studies are explored. Prerequisites: EDUC 1600 and either 2000 or 2200. Corequisites: EDUC 3200 or permission of instructor.
learning in the context of a comprehensive and differentiated early literacy program.

**EDUC 1710 - PHONICS & LANGUAGE STUDY: MIDDLE CHILDHOOD**  4 hrs.
The major purpose of this course is to develop a foundation on which to use literacy and language as tools to promote learning in the classroom. This foundational knowledge comprises topics such as language development, English language development for second language learners, the cultural and social aspects of literacy and language learning, and the role of non-standard English dialects in language learning. Teacher candidates will explore the role of phonics and vocabulary instruction as mechanisms for fostering word knowledge. Likewise, teacher candidates will administer multiple language assessments within an assessment case study project.

**EDUC 2000 - EDUCATIONAL PSYCHOLOGY: ADOLESCENCE**  4 sem. hrs.
A study of cognitive, social/emotional, moral, and physical development and the impact of developmental regularities and variations on classroom practice. Other topics include: behavioral and cognitive views of teaching and learning; planning instruction; motivation; classroom ecology and management; traditional and alternative forms of assessment.  
Prerequisites: EDUC 1600; ACT scores 20 or above on English and Math; OR SAT scores 500 or above on Critical Writing and Math; OR Praxis I scores 172 or above on Writing and Math.  
Notes: Minimum of 20 off campus field hours in tutoring required. Current BCUI/FBI Background check must be on file in the Education office. This course has an additional fee.

**EDUC 2100 - EDUCATIONAL TECHNOLOGY: ADOLESCENCE**  2 hrs.
Students in this course develop skills and knowledge required for successful integration of technology with instruction in elementary and secondary classrooms to make learning more efficient, effective, and engaging. Students complete projects that enable them to develop competence as it relates to the ISTE (International Society for Technology in Education) standards, implement them in their methods placements, and display their work in a web-based portfolio.  
Prerequisites: EDUC 2000.  
Corequisites: EDUC 3410 or 3700 or permission of instructor.  
Notes: Not required of candidates seeking Music, Health & Physical Education, and Visual Arts licensure.

**EDUC 2200 - EDUCATIONAL PSYCHOLOGY: EARLY CHILDHOOD**  4 hrs.
A study of child growth and development, and the principles of learning applied to early childhood education. Major focus is on using and interpreting assessment strategies and working with families as partners in the child’s education. Students conduct a formal and informal assessment on typical and atypical language development. Developmentally appropriate curricular practices (instruction, materials, and environment) are explored.  
Prerequisites: EDUC 1600; ACT scores 20 or above on English and Math; OR SAT scores 500 or above on Critical Writing and Math; OR Praxis I scores 172 or above on Writing and Math.  
Notes: Minimum of 20 off campus field hours in tutoring required. Current BCUI/FBI Background check must be on file in the Education office. This course has an additional fee.

**EDUC 2300 - EDUCATIONAL TECHNOLOGY: EARLY CHILDHOOD**  2 hrs.
Students in this course develop skills and knowledge required for successful integration of technology with instruction in early childhood instructional settings to make learning more efficient, effective, and engaging. Students complete projects that enable them to develop competence as it relates to the ISTE (International Society for Technology in Education) standards, implement them in their methods placements, and display their work in a web-based portfolio.  
Prerequisites: EDUC 1600 and 2200.  
Corequisites: EDUC 2510, 2600, and 3550 or permission of instructor.  
Notes: A candidate may be given permission to take this course with EDUC 2200 if he/she has an overall GPA of 3.7 or higher.

**EDUC 2400 - SOCIAL STUDIES IN THE PRIMARY & INTERMEDIATE CLASSROOM**  4 hrs.
A study of the social studies curriculum in primary and intermediate classrooms. Grounded in state and national standards, as well as the curricular themes from the National Council for the Teaching of Social Studies (culture; time, continuity, and change; people, places, and environment
EDUC 2500 - SCIENCE IN THE PRIMARY & INTERMEDIATE CLASSROOM  4 hrs.
A study of basic topics in life, earth and physical science and the application of content appropriate for teaching primary and intermediate grades students. Students will design and participate in science investigations, consider the nature of science and scientific inquiry, and examine the role of science and technology in human society. Students will discuss and plan instructional and assessment strategies for teaching science according to content standards and in the context of diverse learner needs. The management of science activities and materials, including specific science safety issues, will be discussed. Prerequisites: EDUC 1600 and either 2000 or 2200. Corequisites: EDUC 3200 or permission of instructor.

EDUC 2510 - EXCEPTIONAL CHILDREN: EARLY CHILDHOOD  4 hrs.
This course provides an overview of early childhood special education and the knowledge necessary to meet the needs of young children with disabilities and their families in early childhood classrooms. Topics include foundations of early childhood special education, federal legislation, collaboration with families and professionals, the educational needs of young children with disabilities, assessments, instructional strategies, and planning developmentally and individually appropriate instruction. This course is designed to be taken in conjunction with EDUC 2600. Prerequisites: EDUC 1600 and 2200. Corequisites: EDUC 2300, 2600, and 3550. Notes: 60 hour off campus field placement fulfilled through EDUC 2510 and EDUC 2600. Current BCI/FBI Background check must be on file in the Education office. A candidate may be given permission to take this course with EDUC 2200 if he/she has an overall GPA of 3.7 or higher.

EDUC 2600 - EMERGENT LITERACY IN INCLUSIVE ENVIRONMENTS  4 hrs.
This course builds on knowledge and understanding of the socio-linguistic foundations of literacy learning and childhood development. It focuses on assessment, observation, and description of emergent literacy learning. Teacher candidates learn to use assessment tools and techniques to inform the creation of learning environments, select methods and materials, and design differentiated individual, small group, and whole class instruction. This course is designed to be taken in conjunction with EDUC 2300, 2510, and 3550. Prerequisites: EDUC 1600, 1700, and 2200/2000. Corequisites: EDUC 2300, 2510, and 3550 if Early Childhood candidate. Notes: 60 hour off campus field placement fulfilled through EDUC 2510 and EDUC 2600. Current BCI/FBI Background check must be on file in the Education office. A candidate may be given permission to take this course with EDUC 2200 if he/she has an overall GPA of 3.7 or higher. This course is designated as Writing Intensive.

EDUC 3200 - INTEGRATED METHODS: EARLY CHILDHOOD  4 hrs.
A study of methods and materials which are developmentally appropriate for young children. Major focus is on using strategies and creating environments to encourage children’s development and meet the diverse needs of students in the K-3 classroom. Students will develop an integrated unit that synthesizes learning activities from the content areas in the early childhood curriculum. There is an emphasis on the use of responsible assessment procedures and the inclusion of children’s families in the planning and implementation of instruction. The role of the early childhood professional in advocacy and ethical practice is also addressed. Prerequisites: EDUC 1600, 2200, 2600, and 3640; permission of the department; teacher education admission; junior level status; and successfully complete the Writing Intensive component of EDUC 2600. Corequisites: EDUC 2400 and 2500. Notes: Minimum of 70 off campus field hours required. Current BCI/FBI Background check must be on file in the Education office. This course has an additional fee.

EDUC 3210 - ADVANCED PEDAGOGICAL CONTENT KNOWLEDGE: INTERMEDIATE SCIENCE  2 hrs.
A study of basic topics in life, earth and physical science and the application of content appropriate for teaching fourth and fifth grade students. Students will design and participate in science investigations, consider the nature of science and scientific inquiry, and examine the role of science and technology in human society. Class activities, including discussion of instructional strategies and classroom management of science activities, are designed to develop students’ standards-based pedagogical content knowledge in upper-elementary-level science. Prerequisites EDUC 1600; 2000/2200/5100; and 2500.
EDUC 3220 - ADVANCED PEDAGOGICAL CONTENT KNOWLEDGE: INTERMEDIATE MATHEMATICS  
2 hrs.

The purpose of this course is to introduce integral components of the intermediate mathematics curriculum. While the focus is on mathematical content, teaching methods including the use of multiple representations and technology will be underscored throughout the semester. The major thrust of the course will be development of the real number system and arithmetic operations, measurement, probability, data analysis, and geometry. *Prerequisites: EDUC 1600; 2000/2200/5100; and MATH 2100.*

EDUC 3230 - ADVANCED PEDAGOGICAL CONTENT KNOWLEDGE: INTERMEDIATE SOCIAL STUDIES  
2 hrs.

The purpose of the course is to introduce integral components of the intermediate social studies curriculum (grounded in state and national standards). While the focus is on social studies content, teaching methods including the use of multiple social and historical inquiries and technology will be underscored throughout the semester. *Prerequisites: EDUC 1600; 2000/2200/5100; and 2400.*

EDUC 3240 - ADVANCED PEDAGOGICAL CONTENT KNOWLEDGE: INTERMEDIATE LANGUAGE ARTS  
2 hrs.

This course examines the teaching of language arts in the intermediate grades (i.e., grades 4, 5, 6). Topics include teaching writing, integrating language skills in unit planning, designing and using assessments to guide instruction, promoting comprehension of informational texts, and supporting student development of research skills. *Prerequisites: EDUC 1600; 2000/2200/5100; and 2600 or 3850.*

EDUC 3250 - DEVELOPMENT, LEARNING & INSTRUCTION FOR INTERMEDIATE STUDENTS  
4 hrs.

Teacher candidates will examine the nature and needs of young adolescents, characteristics of responsive schools, resources for the intermediate level practitioner, characteristics of effective intermediate grade teachers and middle childhood curriculum and instruction. Teacher candidates will reflect on personal beliefs, research, theory, and practice. This course includes a 20-hour field experience in which candidates assess 4th and 5th grade students, develop and integrate an integrated unit plan that meets student developmental and academic needs, and reflect on effective-ness of their instruction. *Prerequisites: EDUC 1600 and 2200. Prerequisites or Corequisites: EDUC 3210, 3220, 3230, 3240. Notes: 20 off campus field hours required. Current BCI/FBI Background check must be on file in the Education office.*

EDUC 3410 - MIDDLE CHILDHOOD METHODS I  
4 hrs.

Students must concurrently enroll in this course and in at least one content-specific methods course that reflects one of their concentration areas. Nature and needs of young adolescents, characteristics of responsive schools, resources for the middle child practitioner, characteristics of effective middle childhood teachers, and critical issues in middle level education are addressed in depth; reflection on personal beliefs, research, theory, and practice is encouraged. Students look closely at organizational structures of middle schools, including flexible scheduling, teaming, the use of technology as an instructional resource, and integrated curriculum. The role of other stakeholders is also examined. Students develop an integrated unit. *Prerequisites: EDUC 1600 and 2000 and junior level status. Notes: 40 off campus field hours required. Current BCI/FBI Background check must be on file in the Education office.*

EDUC 3420 - MIDDLE CHILDHOOD METHODS II  
3 hrs.

Students must concurrently enroll in this course and in at least one content-specific methods course that reflects one of their concentration areas. In each of these courses students become acquainted with the appropriate Ohio Academic Content Standards, subject matter reflected on proficiency tests, interdisciplinary and subject-specific pedagogy, methods of assessment, and national standards that shape the teaching of the disciplines. Students study and implement long and short-term planning, the use of expository, inquiry, and small group instructional strategies, the use of technology as an instructional resource, and elements of effective classroom management and discipline as they contribute to a sense of positive classroom climate. *Prerequisites: EDUC 3410; permission of the department; teacher education admission, junior level status, and successfully complete the Writing Intensive component of EDUC 3850. Notes: Requires 60 off campus field hours in an urban middle childhood setting in one of the teaching areas for which
licensure is sought. Current BCI/FBI Background check must be on file in the Education office. This course has an additional fee.

**EDUC 3430 - MIDDLE GRADES: LANGUAGE ARTS METHODS** 4 hrs.
Topics include, but are not limited to, the structure, construction of meaning, application and multidisciplinary issues of reading, writing, listening, visual literacy, and oral communication for middle grades language arts instruction. **Prerequisite:** EDUC 1710. **Corequisites:** EDUC 3410 or 3420 or permission of instructor.

**EDUC 3440 - MIDDLE GRADES: MATH METHODS** 4 hrs.
Topics include, but are not limited to, problem solving, reasoning, communication of mathematical concepts, and the use of manipulatives and technology as they pertain to mathematics in the middle grades mathematics curriculum. **Corequisites:** EDUC 3410 or 3420 or permission of instructor.

**EDUC 3450 - MIDDLE GRADES: SCIENCE METHODS** 4 hrs.
A study of middle grades teaching methods in life, earth and space, and physical science, including planning and implementing standards-based inquiry investigations, and integrating history and philosophy of science and societal issues in the science curricula. Pre-service teachers will develop instructional and assessment strategies based on knowledge of middle-grades students’ difficulties in learning science. The course will help cultivate a science-specific professional knowledge base, including awareness of safety issues involved in organizing and maintaining a science classroom, science-related community resources, and science teacher professional organizations. **Corequisites:** EDUC 3410 or 3420 or permission of instructor.

**EDUC 3460 - MIDDLE GRADES: SOCIAL STUDIES METHODS** 4 hrs.
Topics include, but are not limited to, means by which the themes of American heritage, people in societies, world interactions, decision making and resources, the democratic processes and citizenship rights and responsibilities may be developed within the middle grades social studies curriculum. **Corequisites:** EDUC 3410 or 3420 or permission of instructor.

**EDUC 3550 - CLASSROOM MANAGEMENT** 2 hrs.
This course provides an overview of classroom management and focuses on strategies to establish and maintain a positive and productive learning environment for a diverse group of students in early childhood classrooms. Topics include arranging the physical environment, establishing rules and procedures, instructional strategies to promote positive classroom and social behaviors, conducting functional behavior assessments, planning behavior intervention, and maintaining effective home/school communications. **Prerequisites:** EDUC 1600 and 2200. **Corequisites:** EDUC 2300, 2510, and 2600 or permission of instructor. **Note:** A candidate may be given permission to take this course with EDUC 2200 if he/she has an overall GPA of 3.7 or higher.

**EDUC 3600 - MULTICULTURAL EDUCATION** 2 hrs.
This course will address pedagogy and research relevant to multicultural, diversity, equity, and social justice issues. Curriculum planning and teaching strategies for diverse student needs will be examined. **Prerequisites:** EDUC 1600; 2000/2200. **Corequisites:** EDUC 3200, 3420, or 3700 or permission of instructor.

**EDUC 3630 - ADOLESCENT LITERATURE IN A COMPREHENSIVE READING PROGRAM** 4 hrs.
This course will require students to read and analyze a wide variety of literature for adolescents from the following perspectives: embedding reading instruction in a meaningful context, importance of reading instruction as a means to access information and enhance quality of life, providing for differences among learners and how these differences influence reading, understanding the influence on the reading process of what the reader brings to the experience, and exploring strategies to encourage and motivate students to pursue and respond to reading and writing for personal growth and fulfillment. **Prerequisites:** EDUC 1600 and 2000.

**EDUC 3640 - ELEMENTARY LITERACY ASSESSMENT & INSTRUCTION** 4 hrs.
This course builds on the pedagogical content knowledge and instruction strategies introduced in EDUC 2600 Emergent Literacy in Inclusive Environments. While students are introduced to state of the art research supported elementary literacy methods, teaching techniques, and materials, em-
phasis is placed on the role of assessment to guide differentiated instructional design and teacher decision making in elementary literacy and content area classrooms. **Prerequisites:** EDUC 1600 and 2600 or 3850. **Notes:** 50 off campus field hours required. Current BCI/FBI Background check must be on file in the Education office.

**EDUC 3700 - GENERAL METHODS FOR SECONDARY & MULTI-AGE CLASSROOMS**

A study of secondary school curriculum which focuses on short and long term planning, a variety of instructional strategies, classroom management, and formal/informal assessment strategies. **Prerequisites:** EDUC 1600, 2000, teacher education admission, and junior level status. **Corequisites:** Appropriate content seminar for licensure area, EDUC 2100 (if required) and 3600. **Notes:** 100 off campus field hours required. Current BCI/FBI Background check must be on file in the Education office. This course has an additional fee.

**EDUC 3710 - CONTENT METHODS FOR SECONDARY & MULTI-AGE CLASSROOMS: SCIENCE SEMINAR**

A study of secondary-level teaching methods in life, earth and space, and physical science, including planning and implementing standards-based inquiry investigations, and integrating history and philosophy of science and societal issues in the science curricula. Pre-service teachers will develop instructional and assessment strategies based on knowledge of secondary students’ difficulties in learning science. The course will help cultivate a science-specific professional knowledge base, including awareness of: safety issues involved in organizing and maintaining a science classroom, science-related community resources, and science teacher professional organizations. **Prerequisites:** EDUC 1600, 2000, teacher education admission, and junior level status. Students will take this course in conjunction with EDUC 3700 which includes 100 clock hours of field experience in the science classroom.

**EDUC 3720 - CONTENT METHODS FOR SECONDARY & MULTI-AGE CLASSROOMS: MATHEMATICS SEMINAR**

A study of secondary school mathematics teaching methods, student assessment and curriculum planning. Includes development of knowledge of the Ohio Academic Content Standards with a focus on problem solving, mathematical communication and reasoning, connections among mathematical strands and with other disciplines, and real world applications of mathematics for the secondary student. **Prerequisites:** EDUC 1600, 2000, teacher education admission, and junior level status. Students will take this course in conjunction with EDUC 3700 which includes 100 clock hours of field experience in the mathematics classroom.

**EDUC 3740 - CONTENT METHODS FOR SECONDARY & MULTI-AGE CLASSROOMS: SOCIAL STUDIES SEMINAR**

A study of secondary school social studies teaching methods, student assessment and curriculum planning. Includes development of knowledge of the Ohio Academic Content Standards with a focus on studying the past and present from multiple perspectives, knowing democratic principles, and valuing civil competence for the secondary student. **Prerequisites:** EDUC 1600, 2000, teacher education admission, and junior level status. Students will take this course in conjunction with EDUC 3700 which includes 100 clock hours of field experience in the social studies classroom.

**EDUC 3750 - CONTENT METHODS FOR SECONDARY & MULTI-AGE CLASSROOMS: INTEGRATED LANGUAGE ARTS SEMINAR**

A study of secondary school language arts teaching methods, student assessment and curriculum planning. Includes development of knowledge of the Ohio Academic Content Standards with a focus on reading, writing, literature and speaking for the secondary student. **Prerequisites:** EDUC 1600, 2000, teacher education admission, and junior level status. Students will take this course in conjunction with EDUC 3700 which includes 100 clock hours of field experience in the English classroom.

**EDUC 3760 - CONTENT METHODS FOR SECONDARY & MULTI-AGE CLASSROOMS: VISUAL ARTS SEMINAR**

A study of secondary school visual arts teaching methods, student assessment and curriculum planning. Includes development of knowledge of the state curriculum model with a focus on developing creative problem solving, studio techniques, personal expression, and critical response.
Prerequisites: EDUC 1600, 2000, teacher education admission, and junior level status. Students will take this course in conjunction with EDUC 3700 which includes 100 clock hours of field experience in the art classroom.

EDUC 3800 - LITERACIES IN THE CONTENT AREA  4 hrs.
Literacies in the Content Area examines and allows participants to implement research-based strategies that promote content area literacy in 4-12 classrooms. Major course topics include: adolescent readers, reading comprehension, vocabulary instruction, selecting appropriate texts, writing-to-learn strategies, questioning and discussion strategies, thinking skills, and study skills in the content areas (e.g., health, music, science, etc.). This course also addresses the following: information about teaching English language learners, general assessment tools and terminology, and characteristics of a positive classroom culture. Students conduct small-scale research, build their repertoire of teaching strategies, and complete a field-based project related to teaching English learners. Prerequisites: EDUC 2000/2200. Notes: May require 25 off-campus field hours. Current BC/TFBI Background check must be on file in the Education office.

EDUC 3850 - USING LITERACY ACROSS DISCIPLINES IN THE MIDDLE GRADES  4 hrs.
Using Literacy Across Disciplines in the Middle Grades introduces participants to the theories and practices of teaching reading and writing in the middle grades. It is grounded in and builds on knowledge and understanding of the linguistic foundations of literacy learning and of young adolescent development. The emphases of the course are the multiple psychological and social processes that contribute to reading comprehension and the methods, techniques, and materials of instruction that promote and motivate students’ comprehension of texts in all content area classes. This course also stresses the thinking and decision-making processes teachers use to ensure high-quality literacy learning environments and instruction that allows young adolescents to experience authentic interactions and transactions with text. Prerequisites: EDUC 1600 and 2000/2200. Notes: 25 off-campus field hours required. Current BC/TFBI Background check must be on file in the Education office. This course is designated as Writing Intensive.

EDUC 3900 - INDEPENDENT STUDY  1-16 hrs.
Individual or group research or practicum in education. Permission of the department required.

EDUC 4000 - INDIVIDUAL FIELD EXPERIENCE  1-4 hrs.
A field experience involving work with children in schools, planned to meet state licensure requirements and individual goals of participants. Students meet in a weekly seminar and all work is approved, supervised, and evaluated by the seminar instructor. One semester hour of credit is equal to 25 off-campus clock hours of field experience in schools. Prerequisite: permission of the department. Notes: Current BC/TFBI Background check must be on file in the Education office.

EDUC 4100 - STUDENT TEACHING: AYA/MULTI-AGE  10 hrs.
Teaching experience in grades 7-12 (AYA) or K-12 (Multi-Age) under the supervision of a cooperating teacher and a University supervisor (12 weeks, full-time). Pre-service teachers participate in all aspects of school life including curriculum design, student assessment, classroom management, teaching methodologies and professional development. Students must demonstrate competence in all program standards and solo-teaching in order to be recommended for licensure. No other coursework (except SYE Seminar) should be taken with student teaching. This course requires a capstone portfolio and fulfills the University’s Senior Year Experience requirement. Prerequisites: EDUC 3700 and specific licensure methods course (EDUC 3710, 3720, 3740, 3750, 3760, or SPAN 3700), or HLED 4000 and PHED 4000, or MUSC 3032 and MUSC 3033 or 3034 and recommendation of Education Department. Corequisites: EDUC 4110/4140. Notes: Current BC/TFBI Background check must be on file in the Education office. See department for more information about requirements and application deadlines. This course has an additional fee.

EDUC 4110 - SYE SEMINAR: AYA/MULTIAGE  2 hrs.
EDUC 4140 - Out-of-Region SYE SEMINAR: AYA/MULTIAGE  2 hrs.
Taken in conjunction with student teaching. Prerequisites: EDUC 3700 and specific licensure methods course (EDUC 3710, 3720, 3740, 3750, 3760, or SPAN 3700), or HLED 4000 and...
PHED 4000, or MUSC 3032 and MUSC 3033 or 3034 and recommendation of Education Department. Notes: Current BCI/FBI Background check must be on file in the Education office. See department for more information about requirements and application deadlines.

**EDUC 4400 LEVEL – SPECIAL TOPICS COURSES**

Several special topics courses are available through the Department of Education. They range in subject from Social Studies Education (EDUC 4430), Mathematics Education (EDUC 4440), Science Education (EDUC 4450), Health & Physical Education (EDUC 4460), Fine Arts Education (EDUC 4470), Technology Education (EDUC 4480), and Literacy Education (EDUC 4490). See the course schedule for current term offerings and consult with your advisor or the Chair of the Education Department on available course substitutions.

**EDUC 4500 - EXCEPTIONAL CHILDREN: ADOLESCENCE**

This course provides an overview of special education and the knowledge necessary for teachers to meet the needs of students with exceptionalities in middle childhood and adolescence classrooms. In addition, time will be spent focusing on the role of the inclusion teacher in preparing pre-referral intervention strategies, collaborating with the intervention specialist, familiarizing themselves with the referral process including the multi-factorial evaluation and working with a team of professionals in establishing IEP goals, objectives and services. Other topics include foundations of special education, laws and policies, collaboration with families, characteristics of students with exceptional learning needs, assessments, instructional strategies, and differentiated instruction. Prerequisites: EDUC 2000. Notes: Requires 5 off campus field hours. Current BCI/FBI Background check must be on file in the Education office.

**EDUC 4550 - PRACTICUM: EARLY CHILDHOOD SPECIAL EDUCATION**

This course is designed for those seeking an Intervention Specialist license. Course participants will examine formal and informal assessment measures, assistive technology, speech, language, social, emotional, cognitive, gross, and fine motor skill development in early childhood students. A 100-hour field placement in special needs preschool classrooms will provide participants with the opportunity to utilize their knowledge in that classroom as they plan and implement lessons in accordance with student Individualized Education Plans. An in-depth look at legislation, rules, and regulations as well as service delivery options, intervention strategies, and working with families will be emphasized. Participants will learn the tools needed to differentiate instruction and will have the opportunity to apply this skill in their field placements. Evaluation for this course will be based on the participants’ ability to meet the Early Childhood Special Needs standards as developed by Council for Exceptional Children. Prerequisites: EDUC 1600, 2200, and 2510. Notes: 100 off campus field hours required. Current BCI/FBI Background check must be on file in the Education office.

**EDUC 4600 - RESEARCH-BASED DECISION-MAKING IN LITERACY INSTRUCTION**

In this course teacher candidates learn to read educational research critically and use its findings to inform instructional decision-making in literacy. Prerequisites: EDUC 1600; 2000/2200; and 3640.

**EDUC 4710 - STUDENT TEACHING: EARLY CHILDHOOD**

Teaching experience in grades PK-3 under the supervision of a cooperating teacher and a University supervisor (12 weeks, full-time). Pre-service teachers participate in all aspects of school life including curriculum design, student assessment, classroom management, teaching methodologies and professional development. Students must demonstrate competence in all program standards and solo-teaching in order to be recommended for licensure. No other coursework (except SYE Seminar) should be taken with student teaching. This course requires a capstone portfolio and fulfills the University’s Senior Year Experience requirement. Prerequisites: EDUC 3200 and recommendation of Education Department. Corequisites: EDUC 4720/4740/4760. Notes: Current BCI/FBI Background check must be on file in the Education office. See department for more information about requirements and application deadlines. This course has an additional fee.

**EDUC 4720 - SYE SEMINAR: EARLY CHILDHOOD**

Taken in conjunction with student teaching. Prerequisites: EDUC 3200 and recommendation of Education Department. Notes: Current BCI/FBI Background check must be on file in the Educa-
EDUC 4800 - PRACTICUM: READING K-12  2 hrs.
A capstone practicum for Reading Endorsement. Minimum of 100 off campus field hours required. Prerequisites: EDUC 2000/2200 and 3640 or 3850. Notes: Current BCI/FBI Background check must be on file in the Education office.

EDUC 4810 - STUDENT TEACHING: MIDDLE CHILDHOOD  10 hrs.
EDUC 4850 - STUDENT TEACHING Out-of-Region: MIDDLE CHILDHOOD  10 hrs.
Teaching experience in grades 4-9 under the supervision of a cooperating teacher and a University supervisor (12 weeks, full-time). Pre-service teachers participate in all aspects of school life including curriculum design, student assessment, classroom management, teaching methodologies and professional development. Students must demonstrate competence in all program standards and solo-teaching in order to be recommended for licensure. No other coursework (except SYE Seminar) should be taken with student teaching. This course requires a capstone portfolio and fulfills the University’s Senior Year Experience requirement. Prerequisites: EDUC 3420 and two concentration area methods courses (EDUC 3430, 3440, 3450, or 3460) and recommendation of Education Department. Corequisites: EDUC 4820/4840/4860. Notes: Current BCI/FBI Background check must be on file in the Education office. See department for more information about requirements and application deadlines. This course has an additional fee.
EDUC 4820 - SYE SEMINAR: MIDDLE CHILDHOOD 2 hrs.
EDUC 4860 - Out-of-Region SYE SEMINAR: MIDDLE CHILDHOOD 2 hrs.
Taken in conjunction with student teaching. Prerequisites: EDUC 3420 and two concentration area methods courses (EDUC 3430, 3440, 3450, or 3460) and recommendation of Education Department. Notes: Current BCU/FBI Background check must be on file in the Education office. See department for more information about requirements and application deadlines.

EDUC 4900 - TEACHING INTERNSHIP 4-12 hrs.
Teaching experience in elementary, middle, or secondary schools under contract to the school and supervised by a cooperating school teacher and a University supervisor. Prerequisite: Applicants must be approved by the department and by the cooperating school district. See page 12-13 for more details about this program.
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