COLLEGE OF EDUCATION

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Accreditation
The teacher education programs at The University of Toledo are accredited by the National Council for the Accreditation of Teacher Education (NCATE) and approved by the Ohio Department of Education. They meet state of Ohio standards for licensure, standards of the respective national professional associations, and NCATE standards for program accreditation.

Undergraduate Programs
The College of Education offers undergraduate and graduate teacher education programs to meet the 1998 Ohio Teacher Education and Licensure Standards for initial teacher licensure. In some cases, programs are offered in collaboration with the College of Arts and Sciences or the College of Health and Human Services. Programs in the department of music are accredited by the National Association of Schools of Music.

The following undergraduate programs are open to students seeking teacher licensure:

Early Childhood Education
Ages 3-8/grades PreK-3 for children who are typically developing, at-risk and gifted, and who have mild/moderate educational needs.

Special Education (Intervention Specialist)
Mild/moderate special needs: Ages 5-21/grades K-12
Moderate/intensive special needs: Ages 5-21/grades K-12
Visually impaired: Ages 3-21/grades PreK-12

Middle Childhood Education
Ages 8-14/grades 4-9 with two of the following concentrations:
- Reading and language arts
- Mathematics
- Science
- Social studies

Adolescent and Young Adult Education
Ages 12-21/grades 7-12 in each of the following areas:
- Integrated language arts
- Integrated mathematics
- Integrated social studies
- Science (nine options)

Multiage Education
Ages 3-21/grades PreK-12 in each of the following areas:
- Visual arts
- Music
- Physical education
- Health
- Foreign languages (French, German and Spanish)

Career and Technical Education
Ages 8 and older/grade 4 or higher in each of the following areas:
- Health careers education
- Industrial engineering systems
- Integrated business education

Note: Work experience options for vocational licensure also are available via a 24-credit hour program in agriculture, health careers, industrial engineering systems, family and consumer sciences, and business and marketing.

Computer/Technology Endorsement
This endorsement may be earned as part of a baccalaureate program leading to initial teacher licensure.

Graduate Programs
The College of Education also offers graduate programs for initial teacher licensure and for certification/licensure endorsement.

Refer to the Graduate School section of this catalog for information on programs and policies specifically related to graduate students.

Degrees Offered
The following undergraduate degrees are available to students in the College of Education and are conferred by The University of Toledo:

- Bachelor of education
- Bachelor of arts in education
- Bachelor of science in education

The teacher education programs listed above may offer students the option of earning a bachelor of education degree and a bachelor of arts or bachelor of science degree from the College of Arts and Sciences. In this instance, special program conditions exist, and students must check with faculty advisers for specific course and program requirements.

Students who wish to pursue the bachelor of arts in education or bachelor of science in education degree must complete the following:

1. University core and other general education requirements of the College of Arts and Sciences and the College of Education.
2. Major field requirements of the College of Arts and Sciences and the content major requirements as specified by the College of Education.
3. Professional education requirements.

Ordinarily, these programs exceed the 128 minimum credit hours required for bachelor’s degrees and, therefore, take longer than four academic years (8 full-time equivalent semesters) to complete.

Admission Requirements
Application for admission to the College of Education must be submitted to the Office of Undergraduate Admission. Requirements for admission to the University are discussed in the General Section of this catalog.
Note: Students who are eligible for initial admission to the college are not guaranteed admission to the professional education program in the junior year. All licensure programs have specific additional requirements for admission to professional education.

Readmission of Former Students
Undergraduate students who discontinue course work for a period of at least one academic year (not including summer) must request readmission to the University. If students have taken any course work at another institution during the time they have been away from the University (other than transient status), they must complete a new application in the Office of Undergraduate Admission and meet transfer admission requirements.

Students who have not taken course work for more than 12 months must comply with the college requirements at the time of readmission. When seeking readmission, students whose grade point average (GPA) is below 2.0 can only be readmitted on approval of the associate dean. Students with a GPA of 2.0 or higher may seek readmission in the college office.

Admission of Transfer Students
Students in good standing may transfer with the following minimum requirements from another college at The University of Toledo or from other accredited colleges and universities:

Number of credit hours. Minimum required GPA

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Minimum GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 30</td>
<td>2.2 overall</td>
</tr>
<tr>
<td>30-59</td>
<td>2.3 overall</td>
</tr>
<tr>
<td>60 or more</td>
<td>2.7 overall and 2.7 in student’s major</td>
</tr>
</tbody>
</table>

Students wishing to transfer from another college on campus to the College of Education must not have been suspended prior to or during the semester in which the student initiates transfer proceedings. If suspended from another baccalaureate college, the student must fulfill requirements of the suspension policy of that college.

Students with satisfactory records from other accredited colleges and universities may enroll in the College of Education after review of official transcripts and admission into the college. After the transfer process has been completed, the student is notified of the allowed transfer credit.

Degree Requirements
Candidates for degrees in the College of Education must complete a minimum of 128 undergraduate credit hours of course work. Students completing degree programs in teacher education must attain a minimum overall higher education GPA of 2.7, as well as maintain the same average in their teaching major and professional education courses prior to enrolling in internship/student teaching. The cumulative average includes all grades for credits earned, plus grades of IN and F and those acquired in repeated courses at The University of Toledo and at other institutions that the student attended.

Students may qualify for a second bachelor’s degree in the College of Education by completing a minimum of 32 credit hours of additional residence course work and by satisfying the applicable bachelor’s degree requirements and state requirements.

University Core Curriculum
Students earning bachelor’s or associate’s degrees in all University colleges and programs are required to complete 27-30 credit hours of courses that comprise the University Core Curriculum. Those courses are distributed in the areas of English composition, mathematics, humanities/fine arts, social sciences, natural sciences and multicultural studies (see the General Section of this catalog for details). Some colleges and programs require courses in these areas over and above those required to fulfill University core requirements. The student’s academic department or college office should be contacted for specific details.

Residence Requirement
Students transferring from other institutions must earn at least 32 credit hours in the College of Education at The University of Toledo to be eligible for graduation and/or licensure.

Junior- and senior-level courses in professional education must be completed in residence for students completing teacher education programs.

Application for Graduation
Refer to the General Undergraduate Degree Requirements in the General Section of this Catalog for information.

College Honors Programs
The University Honors Program in the College of Education offers academically gifted students the opportunity to take especially challenging courses and to work closely with faculty to achieve personal goals. Honors courses are small and encourage advanced inquiry, reasoning and discussion. Special academic counseling, field experience mentoring, priority registration and research opportunities are additional features of the Honors Program.

Admission Criteria
Admission to the University Honors Program normally requires a minimum high school GPA of 3.75 on a 4.0 scale, a minimum ACT composite score of 28, and application materials, which include an essay on an assigned topic, a personal resume and written recommendations. Interested students with ACT scores of 25 and GPAs of 3.5 are encouraged to apply and will be considered on a space-available basis.

Academic Requirements
To remain in the college’s Honors Program, students must maintain a minimum GPA of 3.0 and must continue to make adequate progress toward completing the program requirements.

Program Requirements
To be eligible for the college’s honors citation upon graduation, a student must:

1. Complete a minimum of 33 semester hours of honors course work, including six hours of Honors Readings Conference during the first year and two honors interdisciplinary seminars;
2. Submit a supervised honors thesis; and
3. Achieve a final GPA of 3.3.

Note: When honors sections of courses are not available, courses may be converted into honors courses by developing a learning contract with the instructor. Forms are available in the college office or from the honors faculty adviser.
General Academic Policies
Refer to the General Section of the Catalog for general academic policies that apply to all students.

GPA Recalculation
The College of Education will permit a maximum total of 12 credit hours of C-, D+, D- and/or F to be deleted. In order to have a grade deleted, a student needs to have retaken the course at the University of Toledo and achieved a grade of C or higher.

Academic Suspension
Suspended students are dropped from The University of Toledo for a period of at least one semester. Refer to the General Section of the Catalog for the University policy on suspension.

Once the suspension is served, the student desiring readmission to the college must appeal in writing to the department chair at least three weeks prior to registration for the semester in which attendance is desired. Suspended students who are granted readmission must maintain the designated GPA for each semester thereafter. Students failing to meet these conditions are subject to academic dismissal. The dean’s decision on dismissal is final.

A student suspended twice from the college will not be permitted to enroll in classes at the University for one full calendar year from the date of second suspension.

Note: Students are required to remove incomplete grades during suspension periods.

Dismissal
Dismissed students are not eligible for readmission to the College of Education. A student may be dismissed for:
1. Failing to meet the conditions of readmission after suspension from the College of Education.
2. Demonstrating patterns of behavior that are inappropriate for students preparing for educational roles or for failing to meet the morals standard as defined by the state of Ohio.

Regulations for probation, suspension and dismissal apply to both full-time and part-time students. In all matters, the dean’s decision is final.

Academic Honesty
See the General Section of this Catalog for the specific policy.

Academic Grievances: Due Process
Students have the responsibility and right to call to the attention of a professor any grade that the student believes to be in error. Such attention must follow the procedure described. This procedure must be initiated within 60 days of the posting of the grade report.

1. The student meets with the instructor to attempt to resolve the problem.
2. If the procedure in step 1 does not resolve the problem, the student may request intercession by the departmental chair. The chair attempts to resolve the problem, but the chair may not unilaterally change the grade.
3. Should the problem not be resolved at the department level, the student may appeal in writing to the associate dean. This written document must specifically state the reasons for the appeal and the desired outcome. The student must meet with the associate dean to review and discuss the problem, but a decision will not be rendered here.
4. If the student wishes to continue the appeal, the written appeal will be submitted to the academic affairs committee.
5. The academic affairs committee will appoint an appeals subcommittee that will collect all data related to the appeal, in writing, and will interview the student and/or instructor, if necessary, to make a recommendation to the associate dean. All proceedings and deliberations of the committee will remain in confidence.
6. The appeals subcommittee will inform the chair of the college academic affairs committee of the recommendation.
7. The dean will make the final decision and will be responsible for informing all appropriate parties.
8. A further appeal can be taken by the faculty member or student to the University academic appeals committee.

Students who seek recourse for allegations relative to academic problems should consult the following sources: University Policies and Procedures Manual, Student Handbook and The Student Teacher Handbook. Graduate students should refer to the grievance policy of the Graduate School.

Teacher Education Programs
Degree and Licensure Requirements
Candidates for the bachelor of education degree in any of the professional education programs must complete a minimum of 128 credit hours of course work with a minimum cumulative GPA of 2.7 on a 4.0 scale. Students also must maintain a cumulative GPA of 2.7 or better in all professional education courses and in all teaching fields. The cumulative average includes all grades for credits earned plus grades of IN and F and those acquired in repeated courses at The University of Toledo and at other institutions that the student attended.

Undergraduate programs in the College of Education meet all University of Toledo requirements for the bachelor’s degree. Some meet requirements for the B.Ed. and the B.A. or B.S. degree. They also meet all state of Ohio, national professional association and NCATE standards for program accreditation and initial professional licensure. Programs vary in length from a minimum of 128 hours (four years) to 217 hours (five and half years) as follows:

<table>
<thead>
<tr>
<th>Minimum Credit Hours</th>
<th>Equivalent Years</th>
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<tbody>
<tr>
<td><strong>DUAL DEGREE ONLY</strong></td>
<td></td>
</tr>
<tr>
<td>Adolescent and Young Adult Education</td>
<td>155-168</td>
</tr>
<tr>
<td>Integrated Language Arts</td>
<td>151-154</td>
</tr>
<tr>
<td>Integrated Mathematics</td>
<td>163-173</td>
</tr>
<tr>
<td>Integrated Social Studies</td>
<td>184-217</td>
</tr>
<tr>
<td><strong>DUAL OR SINGLE DEGREE</strong></td>
<td></td>
</tr>
<tr>
<td>Dual Degree Option</td>
<td>153-178</td>
</tr>
</tbody>
</table>
Multiage Education:
- Foreign Languages (French, German or Spanish) 151 4 1/2
- Health Education 148+ 5
- Physical Education 148+ 5

**Single Degree Option**

Middle Childhood Education 137-144 4 1/2-5
Multiage Education:
- Foreign Languages (French, German or Spanish) 131 4
- Health Education 128 4
- Physical Education 128 4
- Special Educ. Intervention Specialist 136-151 4-5

**SINGLE DEGREE ONLY**

Early Childhood Education 132* 4 1/2
Integarated Language Arts 129-139 4
Sciences 135-170 4-4 1/2
Multiage Education:
- Music Education 134-140 4-4 1/2
- Visual Arts Education 131-138 4

* Students who satisfy one of the two multicultural requirements with one course that simultaneously fulfills a second area of the core will graduate with 129 hours.

Students who successfully complete all college degree requirements, student teaching/internship and licensure exams will be recommended for a two-year provisional teaching license in Ohio. For additional information on licensure procedures, students should inquire in the college.

The above policy reflects not only college action, but also the requirements of NCATE. In addition, the State of Ohio requires students to submit fingerprinting cards to the Bureau of Criminal Investigation before a professional license will be issued.

**Criteria and Procedures for Admission to Professional Education**

To be eligible for advanced professional admission to a teacher licensure program, a student must demonstrate:

1. Current enrollment in the College of Education;
   Note: Students should apply for admission to professional education no later than the fifth semester of full-time enrollment. Students in the respective licensure programs should apply while enrolled in the following respective courses:
   - **Early Childhood Education**
     CIEC 3200 Philosophy and Practices
   - **Special Education**
     SPED 4240 Teaching Reading & Literacy: Special Needs
   - **Middle Childhood Education**
     CI 3240 Best Practices in Middle Level Education
   - **Adolescent & Young Adult Education**
     CI 3900 A&YA Linking Seminar 3
   - **Visual Art Education, Music**
     EDP 3200 Applied Psychology for Teaching Education
   - **Physical Education**
     PED 2950 Intro to Teaching PE
   - **Health Education**
     HEAL 2900 Linking Seminar
   - **Foreign Languages Education**
     CI 2980 Foreign Language Linking Seminar 2

   **Career and Technical Education**
   See program director

2. Completion of a minimum of 48 credit hours of approved course work, including required linking seminars and 12 hours in residence;
3. Cumulative GPA (for transfer students, a higher education GPA) of at least 2.7;
4. Mastery of reading, writing and mathematics skills as evidenced by minimum scores on PRAXIS I skills tests as follows:

   **WRITTEN COMPUTER ADAPTED**
   - Mathematics 172 172
   - Reading 172 172
   - Writing 172 172
   
   Note: PRAXIS I should be taken no later than the student’s third semester of full-time enrollment.
5. Acceptable progress in arts and science licensure content courses or published criteria;
6. Prior experience with appropriate populations in schools and agencies based on satisfactory completion of introductory courses/seminars, letters of support and/or portfolios;
7. Effective communication and interpersonal skills based on early experiences, introductory course/seminar(s), ratings from professionals in the field and/or interview ratings;
8. Verification of good moral character as stipulated by the state of Ohio. Students will not be allowed to continue in a teacher education major or participate in a field experience if they have pleaded guilty to, have been found guilty of, or have been convicted of the following: any felony; any violation of section 2907.07 of the Revised Code; any offense as defined in section 2901.01 of the Revised Code; any offense as defined in section 2913.01 of the Revised Code; or any drug abuse offense as defined in section 2905.01 of the Revised Code that is not a minor misdemeanor; or any substantively comparable ordinance of a municipal corporation or of another state. Students in teacher education licensure programs who are negatively affected by the state of Ohio laws as stated in the Revised Code should contact the associate dean for undergraduate studies and accreditation for assistance; and
9. Completion of additional published program admission criteria, if any.

Each licensure program will determine those eligible for advanced professional admission. Students will apply for and be notified of admission to professional education after a minimum of 48 to 72 credit hours of completed program course work. Students not admitted may reapply when deficiencies have been corrected.

**IMPORTANT:** Each undergraduate licensure program will establish a set of guidelines and procedures that students seeking admission to professional education will follow. Students should contact the department chair, adviser or department secretary for assistance.
Academic Requirements
Students must maintain the required GPA (as outlined in the admission criteria) and complete satisfactorily the professional education courses and field experiences with a grade of C or above in each in order to maintain full admission status.

Students with Transfer Credit
Transfer students are required to complete all course work at The University of Toledo with a minimum of a 2.7 GPA overall, in professional education, and in all teaching fields. In addition, they must meet all requirements for admission to the professional education programs as outlined above. The GPA standards are for The University of Toledo course work, as well as for all other college course work attempted.

Transfer students must complete a minimum of 12 credit hours at The University of Toledo and must complete a minimum total of 48 credit hours of course work before applying for admission to professional education. Students are responsible for initiating this application.

Field/Clinical Experiences
Students who intend to be teachers can expect to spend extensive amounts of time in schools and community agencies as they progress through required professional courses and internship experiences. Introductory courses and exploratory seminars offered to students in the preteacher education program may include field experiences. Students may be required to assemble portfolio evidence of experience as they progress through their programs. Students must submit to a background check and fingerprinting.

Student Teaching/Internship Requirements
To qualify for an assignment in student teaching/internship, a student must satisfy the following requirements:

1. Full admission to professional education;
2. Completion of a minimum of 100 credit hours;
3. Completion of 90 percent of the course work in the major area(s) of study;
4. Completion of all required prerequisite professional education courses including methods course(s) and satisfactory completion of all field experiences;
5. A minimum GPA of 2.7 in major(s)/licensure area(s), professional education, University of Toledo GPA, and overall as determined by the overall higher education GPA; and
6. Meeting Ohio’s good moral character requirement.

Admission to Student Teaching/Internships
Admission to student teaching/internships will be determined by program faculty in cooperation with the college Office of Student Field Experiences. Students submit applications for student teaching/internships to the Office of Student Field Experience. Applications must be submitted one year in advance.

Each student’s credentials are reviewed and a preliminary recommendation is made. Final approval will not be granted until all course work and grades are reviewed during the semester immediately preceding the internship. A student must meet all minimum criteria and be approved by the departmental committee in order to begin student teaching/internship.

Student Teaching/Internship Assignments
The staff of the Office of Student Field Experiences make the assignment in keeping with the best learning situation for the individual student. Student teaching/internship is not offered in the summer, because it is not possible for students to complete the equivalent requirement.

Licensure

Licensure Tests
All students completing a teacher education licensure program are required to complete a series of licensure tests. These tests are required by the Ohio State Department of Education and NCATE. The required tests are listed below.

1. **Preprofessional Skills Test (Praxis I)** – Students are required to take the Praxis I and successfully pass all sections prior to full admission to professional education. It is recommended this test be taken between completion of 32 and 64 credit hours of course work, either at a designated on-campus site or at a local testing center. Students are responsible for all test fees. Students may be permitted to retake one or more sections of the test and must pay all fees. Before retaking a test, a student should consult with an academic adviser for remedial assistance.

2. **Praxis II** – The state of Ohio has adopted a series of licensure tests that all teacher education students must satisfactorily complete in order to be recommended for licensure. Tests are required in professional education and the subject content area(s). Students are required to register for these exams and to pay all testing fees. Information about tests, testing dates and location, test preparation, and passing scores may be found in the departmental offices and in the college office.

3. **Other** – Assessment instruments will be used throughout the program to gauge students and to provide information on the quality of the program.

Recommendation for Licensure
Licensure to teach in the fields selected is made only upon the recommendation of the dean of the College of Education. The dean will recommend licensure to the Ohio State Department of Education only in the teaching fields in which the student meets all requirements as defined in this catalog.

Academic Program Requirements
The following program descriptions provide a general outline of each major program. Program check sheets are available in the College of Education office and provide specific individual course requirements and options for each major. Students should use the appropriate check sheet to keep a record of completion of the respective program requirements.

For all single degree programs, the student must complete 128 to 161 total hours. With dual degree programs, all students must complete 148 to 217 total hours. Students should see an adviser for additional information on specific program requirements.
Early Childhood Education
The early childhood education programs prepare students to work with children who are typically developing, at-risk, gifted and mild-moderate special needs infants, toddlers, preschoolers, kindergartners and primary students in a variety of settings (ages 3-8/grades PreK-3).

University Core and General Education: 36 hours minimum
Preprofessional Education: 18 hours
(Must be completed prior to making application for professional standing)
ETPT  2020
CIEC  3200
EDP  3210
SPED  4010
TSOC  3000
CI  4980
(See adviser for sequencing)

Cognate Courses: 9 hours
(Must be completed before the final three semesters of the program – professional standing not required)
MED  3030**
AED  3100
PED  2450
HEAL  3100
**Has a prerequisite of MUS 2200 or comparable experience.

Area of Concentration (minimum 15 hours)
Mathematics (16 hours)
MATH 1830, 1850, 2600, 2620 and 3440
CI 4550
Science (16 hours)
Life Science
BIOL 1120
EEES 2150 and 2160
Select courses from each of the following areas:
Chemistry/Physics
CHEM 1120 or
NASC 1100 and 1110
Earth/Space Science
EEES 1010 and 1020 or
ASTR 1010 and 2050
Social Studies (15 hours)
HIST 2010 and 2020
CI 4710
PSC 1200
GEPL 4040 (alternatives for PSC 1200 and GEPL 4040)
ECON 1010
ANTH 2800
PSY 3010
Language Arts (15 hours)
ENGL 2760, 3150, 3790 and 4090
ENGL 2720 or 2730

Cohort Semesters: 60 hours (final four semesters in the program)
Professional standing required – students must register for all courses listed under each cohort semester.
CIEC 3350, 3380, 4480, 4070, 4550, 4560, 4750, 4930, 4900 and 4340
CI 3430, 3460, 4980 and 4510
GIFT 4100
SPED 4080
*Must be in the same section

Important Reminders:
A background check must be completed during CIEC 3200 in order to take CIEC 4340. Praxis I must be successfully completed before admission to professional education. A minimum 2.7 GPA must be achieved before admission to professional education.

Please see your academic adviser prior to applying for professional education. After being admitted to the upper division, you will be assigned a faculty adviser. It is important that you meet with your faculty adviser once you’ve been accepted to professional education.

Praxis II should be taken during Cohort III and should be successfully completed to be recommended for licensure.

Special Education (Intervention Specialist)
Programs in special education prepare preservice baccalaureate students for initial teacher licensure as intervention specialists. These specialists work with students ages 5-21/grades K-12) with mild/moderate or moderate/intensive educational needs. These include children and youth with specific learning disabilities, mental retardation, autism, physical and health impairments, attention deficit and hyperactivity disorders, emotional disturbance, and communication and language difficulties. Graduates also may be prepared to work with students (ages 3-21/grades PreK-12) with vision impairment. Preparation for early intervention special education and adult services occur at the graduate level. Majors in this program are prepared to teach in a variety of settings where services are provided to students requiring specialized interventions to experience success in the education environment.

University Core and General Education: 30 hours minimum

Additional Requirements: 42 hours
English (above Comp II)
Foreign Language (must take one area – sign language accepted)
Humanities/Fine Arts
Social Science
AED 4140
BIOL 2020 (subject to change, see advisor)
CI 3430
HEAL 4400

Preprofessional Education: 12 hours
(Must be completed prior to submitting an application for professional standing.)
ETPT  2020
SPED  2040, 2910, 3130 and 4240
Students must complete the PRAXIS I exam and receive the minimum score of 172 in each area, as required by the College of Education, and complete 48 hours with a 2.7 GPA or higher.

**Professional Education: 38 hours**
- EDP 3280 and 3290
- SPED 4060, 4110, 4250, 4260 and 4340
- TSOC 3000

**Final Semester/Senior Year (concurrent enrollment):**
- SPED 4930 and 4600

**Options: Select one of the following:**

**Mild-Moderate Intervention Specialist: 11 hours**
- CI 4000 and 4010
- SPED 4100 and 4370

**Moderate-Intensive Intervention Specialist: 13 hours**
- SLP 4440 (see adviser)
- SPED 3670, 4120 and 4130

**Vision Intervention Specialist: 26 hours**
- CI 4000 and 4010
- SPED 3850, 3860, 4100, 4800, 4810, 4870 and 4880

**School Speech-Language Pathology**
Licensure in speech-language pathology requires completion of a master’s degree, both for school and clinical practice. The undergraduate program provides a significant portion of the total baccalaureate-master’s preparation program. Students interested in this program should consult the departmental chair or undergraduate dean in the College of Health and Human Services.

**Middle Childhood Education**
The middle childhood education program prepares students to teach elementary middle grade, middle school and junior high students in two licensure areas to be chosen from the following: reading and language arts, mathematics, social studies, and/or science (ages 8-14/grades 4-9).

**Single Degree: B.Ed.**

**University Core and General Education: 27 hours minimum**

**Preprofessional Education 11 hours**
- CI 1900
- ETPT 2020

**Select one from the four below**
- CI 2930, 2940, 2950 and 2960
- CI 3240: 001 or: 002 and 3440

**Professional Education: 54 hours**
Select the two methods courses that correspond to your licensure areas from the list below:
- CI 4250, 4260, 4270 and 4280,
  Co-req field
- CI 4290
- Integration
- CI 4000
- CI 4010

**Licensure Areas: Select two**
Students will concentrate in two licensure areas and will complete course work in each area. Up to four hours also can be used to fulfill the core curriculum from each concentration area.

**Mathematics: 26 hours**
- MATH 1830, 1840, 2600, 2620, 3440, 3510 and 3920
- CI 4550

**Reading and Language Arts: 25 hours**
- ENGL 3150, 2760, 2730, 2720, 3790 and 4090
- CI 4320 and 4360

**Science: 29 hours minimum**

**Life Sciences**
- BIOL 1120
- EEES 2150 and 2160

**Chemistry**
- CHEM 1120

**Physics**
- NASC 1100 and 1110 or
- PHYS 1750

**Earth/Space Science**
- ASTR 1010
- EEES 1010, 1020 and 2400
- GEPL 3540

**Social Studies: 27 hours**

**Related Content Area**
- ECON 1010
- PSC 1200
- PSC 1710
- GEPL 3050

**Economics (select one course from the following)**
- ECON 1150 and 1200

**Behavioral Sciences (select one course from each of the following disciplines)**
- ANTH 1020 and 2800
- SOC 1010, 1750, 2100 and 2640
- PSY 1010, 2500 and 3200

**U.S. History (select two from the following)**
- HIST 2010, 2020, 2340, 3310, 4430 and 3600

**European History (select one from the following)**
- HIST 1010, 1020 and 4100

**Dual Degree: B.Ed. and B.A.**
Students wishing to earn the bachelor of arts degree with a major in general studies may do so by completing all the requirements outlined above and, in addition, complete the following:
Additional General Education

Foreign Language 1110
Foreign Language 1120 or 1500
Foreign Language 2140
Foreign Language 2150
Humanities/Fine Arts
Natural Science
Social Science

Students are required to complete two “Writing Across the Curriculum” (WAC) courses. Courses vary from year-to-year and are listed on the registrar’s Web site. Courses also can be selected in consultation with the arts and sciences adviser. One course must be from your content area and the other course in content or out.

Preprofessional Education: 6 hours
CI 1910, 2970 and 3900
ETPT 2020

Integrated Language Arts

Professional Education: 46 hours
CI 3240:003 or :004 and CI 3110
CI 4130, 4150 and 4190
CI 4320
CI 4490
CI 4910 and 4930
CI 4440
EDP 3250
SPED 4020
TSOC 3000

Content Area with General Literature Concentration: 47-48 hours
ENGL 2010, 3150, 3750, 3770, 3790, 3810, 4090, 4100, 4100, 4400 to 4460, 4500 to 4540, 4600 to 4680, and 4800 to 4680 .................................................................
COMM 3830
COMM 4110 .................................................................
Choose one of the following:
COMM 2100, 2150, 2600 or 3610

Writing Concentration Option: 6 additional hours
Choose two: ENGL 3010, 3050, 3800, 4030, 4070 or 4080

Integrated Mathematics

Professional Education: 46 hours
CI 3240:003 or :004 and CI 3100
CI 4130
CI 4160 and 4190
CI 4490
CI 4550
CI 4570, 4910 and 4930
EDP 3250
SPED 4020
TSOC 3000

Mathematics Content: 41-42 hours
MATH 1780
MATH 1830 or 1850
MATH 1840 or 1860
MATH 1890
MATH 2850
MATH 3190
MATH 3200 or 4330
MATH 3610 or 4680
MATH 3860
MATH 3200, 3440, 3450, 3510, 4300 and 4380

Note: At least three mathematics courses must be taken at the 4000 level. At least one class must be taken with Maple, or students should take MATH 1780 separately.

Integrated Social Studies

Professional Education: 43 hours
CI 3420:003 or :004 and CI 3110
CI 4130
CI 4180 and 4190
CI 4490
CI 4720
Social Studies Content: 33 hours
HIST 2000, 3780 and 4680
Select two:
HIST 3260, 3280, 3290, 4110, 4150, 4170, 4500, 4510, 4320 and 4760
Select three:
HIST 3100, 3530, 4040, 4080, 4090, 4100, 4150, 4170, 4500, 4510, 4320 and 4760
Select three:
HIST 3210, 3550, 3630, 3640, 4470, 4420 and 4740

Related Social Sciences Content: 24 hours
ECON 1150 and 1200
PSC 1200
PSC 1710 or 2620
PSC 3250 or 3420
Select nine hours of course work from the following:
***ANTH
***GEPL
***SOC
Select from 3000 to 4000 level

Sciences
Students should select one option from the nine listed.

Professional Education: 43 hours
CI 3240: 003 or 004 and CI 3110
CI 4130
CI 4170 and 4190
CI 4490
CI 4680
CI 4910 and 4930
EDP 3250
SPED 4020
TSOC 3000

Earth Science Education Option
Science Content
Geology Content: 39 hours
EEES 1010, 1020, 2100, 2210, 2220, 2500, 3200, 3320, 4000, 4010, 4610, 4650 and 4920
Related Science/Math Content: 35-36 hours
CHEM 1230, 1240 and 1280
GEPL 2980, 3540 and 3550
PHYS 2070 and 2080 OR PHYS 2130 and 2140
MATH 1830 and 1840 OR MATH 1850 and 1860
Additional Science Content: 9 hours
ASTR 1010 and 2050
BIOL 2150 and 2160 OR BIOL 2170 and 2180

Life Science Education Option
Science Content
Biology Content: 39-41 hours
BIOL 2150, 2160, 2170, 2180, 3010, 3030, 3070 and 4700
EEES 3050
Select two of the following:
BIOL 3020, 3040, 4040, 4060, 4080, 4320, 4640 and 4690 or EEES 3060
BIOL 3410 OR 3420
Select 9 hours of biology 3000-4000 level courses
Geology Content: 27 hours
EEES 3320, 4010, 4220, 4240, 4250, 4430, 4450 or 4650
Related Science/Math Content: 41-42 hours
CHEM 1230, 1240, 1280, 1290, 2410, 2420, 2460 and 2470
GEPL 3540 and 3550
PHYS 2070 and 2080 or
PHYS 2130 and 2140
MATH 1830 and 1840 OR MATH 1850 and 1860

Life Science/Physics Education Option
Science Content
Biology Content: 39-41 hours
BIOL 2150, 2160, 2170, 2180, 3010, 3030, 3070 and 4700
EEES 3050
Select two of the following:
BIOL 3020, 3040, 4040, 4060, 4080, 4320, 4640 and 4690 or EEES 3060
BIOL 3410 OR 3420
Select 9 hours of biology 3000-4000 level courses
Physics Content: 26 hours
PHYS 1910, 2100, 2130, 2140, 3180, 3310, 3320, 4580 and 4780
Related Science/Math Content: 35 hours
CHEM 1230, 1240, 1280, 1290, 2410, 2420 and 2460
MATH 1830 and 1840 or MATH 1850 and 1860
MATH 2850, 1890 and 3860
Additional Science Content: 8 hours
ASTR 1010 and 2050
EEES 1010 and 1020

Earth Science/Chemistry Education Option

Science Content
Geology Content: 39 hours
EEES 1010, 1020, 2100, 2210, 2220, 2500, 3200, 3320, 4000, 4010, 4610, 4650 and 4920
Chemistry Requirements: 23 hours
CHEM 1230, 1240, 1280, 1290, 2410, 2420, 2460, 2470, 3730 and 3860

Related Science/Math Content: 28 hours
PHYS 2130 and 2140
GEPL 3540 and 3550
MATH 1830 and 1840 or MATH 1850 and 1860
MATH 2850

Additional Science Content: 9 hours
ASTR 1010 and 2050
BIOL 2150 and 2160 or BIOL 2170 and 2180

Earth Science/Physics Education Option

Science Content
Geology Content: 39 hours
EEES 1010, 1020, 2100, 2210, 2220, 2500, 3200, 3320, 4000, 4010, 4610, 4650 and 4920
Physics Content: 26 hours
PHYS 1910, 2100, 2130 and 2140
PHYS 4580 or 4780

Related Science/Math Content: 27 hours
CHEM 1230, 1240, 1280 and 1290
GEPL 3540 and 3550
MATH 1830 and 1840 or MATH 1850 and 1860
MATH 2850, 1890 and 3860

Additional Science Content: 9 hours
ASTR 1010 and 2050
BIOL 2150 and 2160 or BIOL 2170 and 2180

Physics/Chemistry Education Option

Science Content
Physics Content: 38 hours
PHYS 1910, 2130, 2140, 2100, 3180, 3310, 3320, 3410, 4210, 4230 and 4310
PHYS 4580 or 4780
Chemistry Content: 23 hours
CHEM 1230, 1240, 1280, 1290, 2410, 2420, 2460, 2470, 3730 and 3860

Related Math Content: 18 hours
MATH 1830 and 1840 or MATH 1850 and 1860

Additional Science Content: 13 hours
ASTR 1010 and 2050
BIOL 2150 and 2160 or BIOL 2170 and 2180
EEES 1010 and 1020

Chemistry/Physics Education Option

Science Content
Chemistry Content: 44 hours
CHEM 1230, 1240, 1280, 1290, 2410, 2420, 2460, 2480, 3310, 3360, 3501, 3610, 3730, 3740, 3860, 3870, 4300 and 4880

Physics Content: 26 hours
PHYS 1910, 2130, 2140, 2100, 3180, 3310 and 3320
PHYS 4580 or 4780

Related Math Content: 18 hours
MATH 1850, 1860, 2850, 1890 and 3860

Additional Science Content: 13 hours
ASTR 1010 and 2050
BIOL 2150 and 2160 or BIOL 2170 and 2180
EEES 1010 and 1020

Single Degree Programs (B.Ed)

Sciences

Students should choose one from the five listed:
Pre-Professional Education: 6 hours
CI 1910, 2970 and 3900
ETPT 2020

Professional Education: 44 hours
EDP 3250
SPED 4020
TSOC 3000
CI 3240: 003 or CI 3110
CI 4490
CI 4130, 4170 and 4190
CI 4680
CI 4910 and 4930

Integrated Science Option
Core Science: Complete all six areas
Life Science Course: 14 hours
EEES 2150, 2160, 3050 and 3060
BIOL 2170 and 2180
Chemistry Core: 14 hours
CHEM 1230, 1240, 1280, 1290, 2410 and 2460
Physics Core: 12 hours
PHYS 2070, 2080 and 2100
Earth and Space Science Core: 11 hours
ASTR 2010
EEES 2100 and 1020
GEPL 3540
Science Core: 7 hours
PHYS/BIOL 1340
EEES 1110 and 1140
Mathematics Core: 11 hours
MATH 1830, 1840 and 2600

Advanced Science: Select one area of four

Advanced Life Science: 14 hours
BIOL 3010, 3030 and 3040 or 3020, 3070 and 4150
EEES 4150

Advanced Chemistry: 13 hours
CHEM 2420, 2470, 3510, 3710 and 3720

Advanced Physics: 17 hours
PHYS 1910, 3180, 3310, 3320, 3410 and 3610

Advanced Earth and Space Science: 21 hours
ASTR 2020, 2130 and 2340
EEES 2220, 2400, 3100 and 4000
Life Science Option

Life Science: 28 hours
EEES 2150, 2160, 3050 and 3060
BIOL 2170 and 2180

Advanced Life Science: 14 hours
BIOL 3010, 3030, 3040, 3020, 3070 and 4150
EEES 4150

Science Core: 7 hours
PHYS/BIOL 1340
EEES 1130 and 1140

Mathematics Core: 10 hours
MATH 1750, 1760 and 2600

Second Core Area: Select one area of three
Chemistry (recommended)
CHEM 1230, 1240, 1280, 1290, 2410 and 2460

Physics: 12 hours (MATH 1850/1860 required)
PHYS 2070, 2080 and 2100

Earth and Space Science: 11 hours
ASTR 2010
EEES 2100 and 1020
GEPL 3540

Supporting Area: Select two areas not previously selected
Physics: 3 hours
PHYS 1320

Earth and Space Science: 6 hours
ASTR 2010
GEPL 3540

Chemistry: 8 hours
CHEM 1230
CHEM 1240

Earth and Space Science Option

Earth Space Science: 32 hours
ASTR 2010
EEES 2100 and 1020
GEPL 3540

Advanced Earth and Space Science
ASTR 2020, 2330 and 2340
EEES 2220, 2400, 3100 and 4000

Science Core: 7 hours
PHYS/BIOL 1340
EEES 1130 and 1140

Mathematics Core: 10 hours
MATH 1750, 1760 and 2600

Second Core Area: Select one area of three
Chemistry (recommended)
CHEM 1230, 1240, 1280, 1290, 2410 and 2460

Physics: 12 hours (MATH 1850/1860 required)
PHYS 2070, 2080 and 2100

Life Science: 3 hours
BIOL 1120

Physics Option

Science Content

Physics: 29 hours
Core Physics
PHYS 2070, 2080 and 2100

Advanced Physics
PHYS 1910, 3180, 3310, 3320, 3410 and 3610

Science Core: 7 hours
PHYS/BIOL 1340
EEES 1130 and 1140

Mathematics Core: 10 hours
MATH 1750, 1760 and 2600

Second Core Area: Select one area of three
Earth and Space Science: 11 hours
Recommended
ASTR 2010, 2100 and 1020
GEPL 3540
Chemistry: 14 hours
CHEM 1230, 1240, 1280, 1290, 2410 and 2460

Life Science: 14 hours
EEES 2150, 2160, 3050 and 3060
BIOL 2170 and 2180

Supporting Area: Select two areas not previously selected

Earth and Space Science: 6 hours
ASTR 2010
GEPL 3540

Chemistry: 3 hours
CHEM 1100

Life Science: 3 hours
BIOL 1120

Integrated Language Arts

Pre-professional Education: 6 hours
CI 1910, 2970 and 3900
ETPT 2020

Professional Education: 49 hours
CI 3240:003 or: 004 and CI 3110
CI 4130
CI 4150 and 4190
CI 4320
CI 4440
CI 4490
EDP 3250
SPED 4020
TSOC 3000
CI 4910 and 4930
3000-4000 level education elective

Language Arts Content 41-44 hours
ENGL 2010 2740, 2760, 3150, 3770, 3790, 3810 and 4090

Choose one of the following: ENGL 3010, 3050, 3800, 4030, 4070 and 4080

Choose one of the following: COMM 3830 or 4110

ENGL elective(s)

Multiage Education

Multiage Visual Arts Education
Programs in art education and music education are housed in the College of Arts and Sciences. The art program prepares students for teaching art at all levels (ages 3-21/grades PreK-12)

University Core and General Education: 27-33 hours

Preprofessional Education: 15 hours
AED 3100 and 4140
ETPT 2020
EDP 3200
EDP 3230 or 4220

Professional Education: 31 hours
AED 3500 and 4950
AED 4200 or 4450
AED 4900 and 4930
CI 4490
SPED 4020
TSOC 3000

Art Foundations Core: 13 hours
ARS 1000
ART 1080, 2050, 2060 and 2080

Studio Art: 18 hours
ART 2150 and 2230
ART 2330 or 3380 or 4990
ART 2430 and 2530
ART 2810 or 3150

Art History Core: 12 hours
ARTH 2000 or 2980 or 4980
ARTH 2040 or 2980 or 4980
ARTH 2080 or 2980 or 4980

Choose one non-Western course from below:
ARTH 2100, 2200, 3250, 3270, 3300 and 3350

Area of Concentration: 12-16 hours
Choose one of the following concentrations:
Art history
Arts
Cyber arts
Studio

Cyber Arts Concentration: 12 hours
ART 2160, 3150
Choose two electives from the following:
ART 3160, 3170, 4320 or 4340

Multiage Music Education
The music education degree prepares students for Ohio Teacher Licensure in music in grades PreK-12. Students interested in this program must pass an entrance audition on their major instrument. Please call the department of music office at 419.530.2448 for audition information visit http://music.utoledo.edu/musicAtUTPR/index.asp?id=71.

Revisions in the music education curriculum are planned to take effect in fall 2006. Please contact the department of music for information.

University Core and General Education: 30 hours minimum
(Including MUS 2220 or 2250)

Preprofessional Education: 7 hours minimum
MUS 1000:004
EDP 3200
MED 3000

Professional Education: 28 hours minimum
CI 4490
EDP 3230
MED 3300, 3310 and 3320
SPED 4020
TSOC 3000
MED 4900 and MED 4930
Content Area: 45 hours
MUS 1000, 1570, 1580, 1610, 1620, 2410, 2570, 2610, 2620, 2800, 3410, 3420 and 3500

Please note all majors must:

a) Perform a senior recital (MUS 3810) prior to student teaching
b) Attend 16 nondepartmental concerts/recitals and 64 departmental concerts/recitals and complete one credit of registration in a chamber ensemble MUS 3050
c) Perform during MUS 1000, six times (minimum three as soloist) prior to senior recital hearing

Cluster
Choose one cluster from choral or instrumental.

Instrumental Elective Cluster: 22 hours
MUS 1500, 1530, 1550, 2500, 3520, 3530 and 3630

Ensembles: Select from the ensembles below. The minimum requirement is an accumulation of seven hours of ensemble credits, but only four hours count toward the hours required credit hours for the degree.
MUS 3010
MUS 3090

Students electing the instrumental cluster must enroll in two semesters of marching band; string concentration substitutes a marching band field experience.

Choral/General Elective Cluster: 18 hours
MED 3330 and 3340
MUS 1560, 2530, 2580, 3520, 3530 and 3630

Ensembles: Select from the ensembles below. The minimum requirement is an accumulation of seven hours of ensemble credits, but only four hours count toward the hours required credit hours for the degree.
MUS 3140, 3160 or 3180

*If the instrument concentration is keyboard, substitute two to three semesters of large instrumental or vocal ensemble and one semester each of MUS 2590 Piano Class for Piano Majors and MUS 3580 Functional Piano Techniques for Piano Class I-III/IV. Students also must complete two semesters of MUS 3050 Accompanying, as part of the large ensemble requirement. Students whose instrument concentration is guitar must complete four credits of large vocal ensemble (choral/general elective cluster) or four credits of large instrumental ensemble (instrumental elective cluster).

** Students must enroll in MUS 1000:002 Lab Ensemble when taking the following courses: MED 3300, 3310, 3320, MUS 1500, 1530, 1550, 1560, 2500, 3500, 3510 and 3520. Lab Ensemble must be taken for a total of five semesters.

Multiage Physical Education
Students who complete a physical education major will be licensed to teach physical education PreK-12.

Physical Education: PreK-12

University Core and General Education: 33 hours

Professional Education: 26 hours
ETPT 2020
EDP 3200 and 3230
PED 2100, 2200, 2960, 2900 and 2950
TSOC 3000

Health and Physical Education Methods: 15 hours (Professional Standing Required)
HEAL 4300 and 4350

**Important reminders:**
- You are responsible for meeting prerequisites for all course work as specified in this catalog.
- Acceptance into professional education requires a minimum GPA of 2.7 overall and in professional education and major area of course work. All transfer work is included in the GPA calculation.
- You are responsible for fulfilling the minimum 128-hour requirement to graduate.
- The state of Ohio requires successful completion of Praxis II to be eligible for licensure upon graduation. This test should be taken prior to student teaching to allow time for processing.

Physical Education and School Health: PreK-12

University Core and General Education: 33 hours

Preprofessional Education: 30 hours
ETPT 2020
EDP 3200 and 3230
HEAL 2000 and 2900
PED 2100, 2200, 2960, 2900 and 2950
TSOC 3000

Professional Education: 25 hours (Professional Standing Required)
CI 4490
HEAL 4100 and 4600
PED 3000 (co-req PED 3100)
PED 3120
PED 3130 (co-req PED 3140)
PED 3740, 3950 and 4100

Health and Physical Education Methods: 15 hours (Professional Standing Required)
HEAL 4300 and 4350
PED 3100 (co-req PED 3000)
PED 3140 (co-req PED 3130)
PED 3400
College of Education  125

Student Teaching: 14 hours
(Professional Standing Required)
HEAL  4920 and 4930
PED  4920 and 4930

Physical Education Content Area: 12 hours
KINE  2960, 3520, 3530, 4540, 4550 (see advisor)

School Health Content: 21 hours
HEAL  2600, 2700, 3300, 3600, 3700, 4400 and 4700

Health and Physical Education Content: 13 hours
HEAL   1500 and 2500
KINE    2560/2460 and 2570/2470

Multiage Health Education
Students who complete the health education major are licensed to teach health education PreK-12. Students may complete a second degree (e.g., B.A. in urban studies, B.Ed. in community health) or a second track (e.g., athletic training or physical education) for the B.Ed. degree. A single degree program leading to licensure in health education also is an option. Students interested in these programs should contact the departmental chair or the undergraduate dean in the College of Health and Human Services.

Health Education PreK-12

Single Degree: B.Ed.
Note: Students interested in combinations with other majors or a dual-degree option should see the department of health professions chair in the College of Health and Human Services.

University Core and General Education: 33 hours

FRENCH
Preprofessional Education: 11 hours
CI  1920 and 2980
ETPT  2020
EDP  3200 and 3230

WAC: 6 hours (Select two courses)
Courses vary from year to year and are listed on the registrar’s office Web site. Courses also can be selected in consultation with the arts and sciences adviser. Two courses must be from your content area.

Professional Education: 36-38 hours
SPED  4020
TSOC  3000
CI  4140 and 4190
FREN  4160

The following two courses are taken concurrently:
CI  4140 and 4190
FREN  4160

The following three courses are taken concurrently:
CI  4430, 4900 and 4930
CI  4490

Content Area: 25 hours
FREN  3010*, 3020, 3210, 3220, 3410, 3420, 4010 and 4020
*First course taken in this sequence is dependent on placement test scores, AP credit or CLEP.

Electives: 9 hours
FREN  3170, 3400, 3710, 4040, 4050, 4070, 4190, 4200, 4230, 4310, 4410, 4510, 4610, 4710, 4720, 4810, 4820, 4850, 4860, 4910, 4950 and 4980

Others at discretion of the French faculty of the department of foreign languages.

Additional Electives: 10-12 hours
Elective hours to meet 131-hour graduation requirement.

Additional Requirements for Dual Degree Option** - B.A. in French: 20 hours
**Humanities/fine arts
**Natural science
**Social science
**Arts and sciences electives
**In consultation with College of Arts and Sciences faculty adviser and your degree audit from the College of Arts and Sciences. You must obtain the signature of the faculty adviser for these courses.

GERMAN
Preprofessional Education: 10 hours
CI  1920 and 2980
ETPT  2020
EDP  3200 and 3230

WAC: 6 hours (Select two courses)
Courses vary from year-to-year and are listed on the registrar’s office Web site. Courses also can be selected in consultation with the arts and sciences adviser. Two courses must be from your content area.

Professional Education: 36-38 hours
SPED  4020
TSOC  3000
CI  4140 and 4190

Multiage Foreign Languages Education
Multiage programs prepare students for teaching French, German or Spanish at all levels, ages 3-21/grades PreK-12.
The following two courses are taken concurrently:
CI  4140 and 4190
GERM  4160

The following three courses are taken concurrently:
CI  4430, 4900 and 4930
CI          4490

Content Area: 22 hours
GERM  3010*, 3020, 3410, 3420, 4010 and 4020
*First course taken in this sequence is dependent on placement test scores, AP credit or CLEP.

Electives: 12 hours
GERM  3170, 3180, 4190, 4200, 4500, 4510, 4610, 4620, 4710, 4720, 4810, 4850, 4870, 4900, 4910, 4980 and 4990
Others at discretion of the German faculty of the department of foreign languages.

Additional Electives
Elective hours to meet 131-hour graduation requirement.

Additional Requirements for Dual Degree Option** - B.A. in German: 20 hours
**Humanities/fine arts
**Natural science
**Social science
**Arts and sciences electives

In consultation with College of Arts and Sciences faculty adviser and your degree audit from the College of Arts and Sciences. You must obtain the signature of the faculty adviser for these courses.

SPANISH

Preprofessional Education: 10 hours
CI  1920 and 2980
ETPT  2020
EDP  3230, 3200 and 3230

WAC: 6 hours (Select two courses)
Courses vary from year-to-year and are listed on the registrar’s office Web site. Courses also can be selected in consultation with the arts and sciences adviser. Two courses must be from your content area.

Professional Education: 36-38 hours
SPED  4020
TSOC  3000
CI  4130
CI  4140 and 4190
SPAN  4120
CI  4430, 4900 and 4930
CI  4490

Content Area: 22 hours
SPAN  3000, 3010* and 3020
SPAN  4010

*First course taken in this sequence is dependent on placement test scores, AP credit or CLEP.

Literature I (choose one from group below)
SPAN  3210 or 3270

Literature II (choose one from group below)
SPAN  3220 or 3280

Civilization (choose one from group below)
SPAN  3410 or 3420

Electives: 12 hours
Select 12 hours from the list below
SPAN  3170, 4000, 4060, 4070, 4110, 4150, 4160, 4170, 4190, 4240, 4250, 4260, 4270, 4310, 4370, 4410, 4430, 4710, 4720, 4810, 4820, 4830, 4980 and 4910
Others at the discretion of the Spanish faculty of the department of foreign languages.

Additional Electives
Elective hours to meet 131-hour graduation requirement.

Additional Requirements for Dual Degree Option** - B.A. in Spanish: 20 hours
**Humanities/fine arts
**Natural science
**Social science
**Arts and sciences electives

In consultation with College of Arts and Sciences faculty adviser and your degree audit from the College of Arts and Sciences. You must obtain the signature of the faculty adviser for these courses.

Career and Technical Education
Courses in career and technical education leading to a bachelor’s degree may be arranged to complete Ohio’s licensure requirements for teaching in a vocational school or for teaching in a technical college, business and industry. Each prospective vocational teacher will combine occupational experience with academic course work to complete the degree requirements. Recent work experience has been the foundation of vocational education that assures recipients state-of-the-art technical instruction.

University Core and General Education: 30 hours minimum
Select from the list in the General Section of this catalog.

Preprofessional Education: 8 hours
ETPT  2020
EDP  3200 and 3230

Professional Education: 36 hours
CTE  3010, 3020, 3030, 3040, 3100 and 4060
CI  4490
SPED  4020
CTE  3910 and 4930

Technical and Content Requirements: 51-60 hours
Health Careers Education
Integrated Business Education
Industrial Engineering Systems
(See program director and individual program check sheets)

Electives
Twenty-four semester hours of the major may be completed by transferring technical courses into the program or by successfully completing an occupational competency examination. Thirty semester hours of course work at The University of Toledo must be completed before occupational competency examination credit can be applied toward the bachelor of vocational education degree.
**Career and Technical Education (2 + 2)**

The 2 + 2 program allows a community college or technical student to transfer up to 66 semester hours of work in courses with a grade of C or better for the undergraduate program. The student must have completed an associate’s degree and, within that degree, have completed selected courses for the University Core Curriculum. Otherwise, course work is transferred to the University on a course-by-course basis.

**Non-Degree (Licensure Only)**

Any person who has five years of recent work experience in any occupation (or a combination of work experience and college credit) may be eligible for the initial two-year teaching licensure in that occupation. Teaching eligibility will be determined by submitting the completed Qualification Evaluation Form for Vocational Teacher (VE 36) to the employing school and completing examinations prescribed by the College of Education and vocational program to verify basic skills and technical competence in the teaching field.

Individuals recruited from business and industry with less than a bachelor’s degree in vocational education may receive a Five-Year Vocational Licensure after having completed the following requirements:

1. Performance – evidence of satisfactory performance as an instructor and the recommendation of the College of Education.
2. Experience – two years of supervised teaching experience on provisional vocational licensure.
3. Professional preparation – completion of a minimum of 24 semester hours of teacher improvement work.
4. Completion of an entry-year program.

**Computer/Technology Endorsement**

Students wishing to be eligible for the computer/technology endorsement at the completion of a baccalaureate program leading to initial teacher licensure should complete the following additional undergraduate course work:

ETPT 4010, 4120, 4150, 4200, 4250, 4500, 4990 and 4100
College of Education Faculty

Amy Allen, 2003, lecturer
B.E., M.E., The University of Toledo

Sally M. Atkins-Burnett, 2002, assistant professor
B.A., M.Ed., Boston College; Ph.D., University of Michigan

Lawrence Baines, 2003, associate professor
B.A., The University of Texas at Austin; M.A., University of North Texas; Ph.D., The University of Texas at Austin

Joanne E. Beriswill, 2002, assistant professor
B.A., M.Ed., University of South Florida; M.S., Ph.D., Indiana University at Bloomington

Eileen M. Carr, 1987, professor
B.A., Newton College of the Sacred Heart; M.Ed., M.A.Ed., Ph.D., The University of Toledo

Laurence J. Coleman, 2001, professor
B.A., State University of New York at Albany; M.S., Southern Connecticut State College; Ph.D., Kent State University

John R. Cryan, 1978, professor
B.A., M.S., Ph.D., Syracuse University

Charlene M. Czerniak, 1989, professor
B.A., The University of Toledo; M.Ed., Bowling Green State University; Ph.D., The Ohio State University

Dwayne L. DeMedio, 1975, professor
B.S.Ed., California State College - Pennsylvania; M.A., Ed.D., West Virginia University

Jenny Mescall Denyer, 2003, assistant professor
B.S., Xavier University; M.A., Ph.D., Michigan State University

Patricia Devlin, 2002, assistant professor
B.S.Ed., California State University; M.A., Ed.D., Eastern Michigan University

Laurie A. Dinnebeil, 1993, associate professor
B.A., Dominican College of Blauvelt; M.A.T., Augustana College; Ph.D., Utah State University

Thomas G. Dunn, 1971, professor
B.S., Fordham University; M.S., Ph.D., Florida State University

Mary Ellen Edwards, 1994, professor
B.S., University of Wisconsin; M.A., Ph.D., New School for Social Research

Christine M. Fox, 1994, associate professor
B.A., Miami University; M.A., Cleveland State University; Ph.D., Kent State University

William M. Gray, 1975, professor and associate dean for graduate studies and research
B.A., M.A., Ed.D., State University of New York - Albany

Penny Poplin Gosetti, 1994, associate professor
B.A., University of California - Los Angeles; M.S., California State University - Long Beach; Ph.D., University of Oregon

Lynne Hamer, 2002, associate professor
B.A., Hamline University; M.A., Ph.D., Indiana University

Paul E. Hubaker, 2002, lecturer
B.E., M.E., Ed.S., The University of Toledo

Sherick A. Hughes, 2003, assistant professor
B.A., University of North Carolina at Wilmington; M.A., Wake Forest University; M.P.A., Ph.D., University of North Carolina at Chapel Hill

Virginia L. Keil, 2001, assistant professor and associate dean for undergraduate studies and accreditation
B.S., Bowling Green State University; M.Ed., Ph.D., The University of Toledo

Edward C. Kennedy III, 2002, assistant professor
B.S., M.S., M.S., Ph.D., The Ohio State University

Lisa A. Kovach, 2002, assistant professor
B.A., M.A., Ph.D., The University of Toledo

Revathy Kumar, 2001, assistant professor
B.Sc., University of Bombay; B.Ed., M.Ed., Bangalore University; M.A., Annamalia University; Ph.D., University of Michigan

Sakui W. Malakpa, 1986, professor
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