

COLLEGE OF EDUCATION

Administration

Thomas J. Switzer, dean

Phone: 419.530.2026

**Virginia L. Keil, associate dean for
undergraduate studies and accreditation**

Phone: 419.530.2491

**William M. Gray, associate dean for
graduate studies and research**

Phone: 419.530.2467

Academic Departments

Department of Curriculum and Instruction

William B. Weber, chair

Phone: 419.530-5373

Department of Early Childhood, Physical and Special Education

Laurie Dinnebeil, chair

Phone: 419.530.4330

Department of Educational Leadership

Ronald Opp, chair

Phone: 419.530.2695

Department of Foundations of Education

Dale Snauwaert, chair

Phone: 419.530.2478

COLLEGE OF EDUCATION

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

Less than 30	2.2 overall
30-59	2.3 overall
60 or more	2.7 overall and 2.7 in student's major

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:

Minimum Credit Hours	Equivalent Years
DUAL DEGREE ONLY	
Adolescent and Young Adult Education	
Integrated Language Arts	155-168 4 1/2
Integrated Mathematics	151-154 4 1/2
Integrated Social Studies	163-173 4 1/2 - 5
Science (nine options)	184-217 5-5 1/2

DUAL OR SINGLE DEGREE

Dual Degree Option

Middle Childhood Education	153-178	5-5 1/2
----------------------------	---------	---------

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
Integrated 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 requirements, 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
HEAL 2000	
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:

	<u>WRITTEN</u>	<u>COMPUTER ADAPTED</u>
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 identified 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

118 College of Education

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

CI 4400, 4470, 4480, 4930 and 4990
AED/MED 4230
HEAL 4400
CMHS 4580
EDP 3240
SPED 4030
TSOC 3000

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)

HIST2010, 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” courses, **at least one** of which must be completed within the **student’s licensure areas**, and **no more than one** may be taken to fulfill the **University Core Curriculum**. These courses are designated by the letters ‘WAC’ appearing after the course title in the Schedule of Classes, e.g., GEPL 2030 Cultural Geography - WAC.

Please visit your adviser in the College of Arts and Sciences; only he/she can approve the course work necessary to fulfill the requirements for the bachelor of arts degree.

Adolescent and Young Adult Education

The adolescent program prepares students to teach junior high and high school students, grades 7-12, in a single academic area – integrated language arts, integrated mathematics, integrated social studies, or one of nine science options.

Dual-degree adolescent and young adult programs lead to the bachelor of education degree and to the appropriate bachelor of arts or bachelor of science degree:

- Integrated language arts – B.Ed. and B.A., English with a concentration in general literature or writing
- Integrated mathematics – B.Ed. and B.A., mathematics
- Integrated social studies – B.Ed. and B.A., history
- Sciences – B.Ed. and B.S., biology, chemistry, geology or physics

Single Degree adolescent and young adult programs leading to the bachelor of education degree:

- Integrated language arts
- Sciences

Dual Degree Programs (B.Ed. and B.A. or B.S.)

University Core and General Education: 33 hours

Additional General Education: 23-29 hours

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

WAC: 6 hours (Select two courses)

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, 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 3320 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

120 College of Education

CI 4910 and 4930
EDP 3250
SPED 4020
TSOC 3000

Social Studies Content: 33 hours

HIST 2000, 3780 and 4680

Select two:

HIST 3260, 3280, 3290, 3310, 3410, 3600, 4200 and 4230

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, 3050, 3070 and 4700

Select two of the following:

BIOL 3020, 3040, 4040, 4060, 4080, 4320, 4640 and 4690 or
EEES 3060

Select one of the following:

BIOL 3410 or 3420

Select 9 hours of biology 3000-4000 level courses

Related Science/Math Content: 40-41 hours

CHEM 1230, 1240, 1280, 1290, 2410, 2420, 2460 and 3510
CHEM 2470 or 2490
PHYS 2070 and 2080 OR PHYS 2130 and 2140
MATH 1830 and 1840 OR MATH 1850 and 1860
ASTR 1010 and 2050
EEES 1010 and 1020

Life Science/Chemistry Option

Science Content

Biology Content: 39-41 hours

BIOL 2150, 2560, 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

Chemistry Requirements: 24 hours

CHEM 1230, 1240, 1280, 1290, 2410, 2420, 2460, 2470, 3510 and 3710

Related Science/Math Content: 17-18 hours

PHYS 2070 and 2080 OR
PHYS 2130 and 2140
MATH 1830 and 1840 OR MATH 1850 and 1860

Additional Science Content: 8 hours

ASTR 1010 and 2050
EEES 1010 and 1020

Life Science/Earth Science 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 1010, 1020, 2210, 2220, 2500, 3200 and 3320

Select 9 hours from the following:

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 and 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 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, 2480, 2490, 3310, 3360, 3510, 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: 004 and 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 1130 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, 2330 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: 14 hours

EEES 2150, 2160, 3050 and 3060
BIOL 2170 and 2180

Supporting Area: Select two areas not previously selected

Chemistry: 3 hours

CHEM 1100

Physics: 3 hours

PHYS 1320

Life Science: 3 hours

BIOL 1120

Chemistry Option

Science Content

Core Chemistry: 27 hours

CHEM 1230, 1240, 1280, 1290, 2140 and 2460

Advanced Chemistry

CHEM 2420, 2470, 3510, 3710 and 3720

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

Physics: 12 hours (MATH 1850/1860 required)

Recommended
PHYS 2070, 2080 and 2100

Earth and Space Science: 6 hours

ASTR 2010
GEPL 3540

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 hoursEEES 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 EducationThe 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 minimumMUS 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

124 College of Education

Content Area: 45 hours

MUS 1000, 1570, 1580, 1610, 1620, 2410, 2570, 2610, 2620, 2800, 3410, 3420 and 3500

Please note all majors must:

- Perform a senior recital (MUS 3810) prior to student teaching
- Attend 16 nondepartmental concerts/recitals and 64 departmental concerts/recitals and complete one credit of registration in a chamber ensemble MUS 3050
- 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, 3510 and 3550

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

Preprofessional Education: 26 hours

ETPT 2020

EDP 3200 and 3230

PED 2100, 2200, 2960, 2900 and 2950

TSOC 3000

Professional Education: 19 hours (Professional Standing Required)

CI 4490

PED 3000, 3120, 3130, 3740, 3950 and 4100

Physical Education Methods: 9 hours (Professional Standing Required)

PED 3100(coreq. PED 3000)

PED 3140 (coreq. PED 3130)

PED 3400

Student Teaching: 13 hours (Professional Standing Required)

PED 4920 and 4930

Physical Education Content Area: 25 hours

HEAL 1500 and 2500

KINE 2560/2460, 2570/2470, 2960, 3520, 3530, 4540 and 4550

Electives: 9-18 hours minimum

See faculty adviser for electives.

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

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

Preprofessional Education: 16 hours

ETPT 2020
EDP 3200 and 3230
HEAL 2000 and 2900
TSOC 3000

Professional Education: 17 hours

CI 4490
HEAL 4300, 4350, 4600 and 4100
SPED 4020

Student Teaching: 14 hours

HEAL 4920 and 4930

School Health: 34 hours

HEAL 1500, 2500, 2600, 2700, 3300, 3600, 3700, 4400 and 4700
KINE 2560/2460 and 2570/2470

Electives: 14-19 hours

Multiage Foreign Languages Education

Multiage programs prepare students for teaching French, German or Spanish at all levels, ages 3-21/grades PreK-12.

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 4130

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 4130

126 College of Education

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, 3200, 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

B.S., Florida State University; Ed.M., Ed.D., Harvard University

Reneé J. Martin, 1986, professor

B.S., M.S., University of Wisconsin - LaCrosse; Ph.D., Iowa State University

William F. McInerney, 1983, professor

B.A., Villanova University; M.Ed., University of Hartford; Ph.D., Kent State University

Sandra McKinley, 2001, assistant professor

B.S., M.A., Ph.D., The Ohio State University

David L. Meabon, 1994, associate professor

B.S., West Virginia State College; M.Ed., University of South Carolina; Ph.D., Florida State University

Earl Murry, 1987, professor

B.S., M.A., Ph.D., The Ohio State University

Anthula Natsoulas, 1983, professor

B.S., M.A., City College of New York; Ph.D., Syracuse University

Ronald Opp, 1997, associate professor

B.A., Swarthmore College; M.A., California State University - Los Angeles; Ph.D., University of California - Los Angeles

Carol E. Plimpton, 1985, associate professor

B.S., Russell Sage College; M.Ed., The Pennsylvania State University; Ph.D., The Ohio State University

Kevin Pugh, 2000, assistant professor
B.S., Brigham Young University; Ph.D., Michigan State University

Celia Regimbal, 1986, associate professor
B.S.P.E., M.S.P.E., University of Florida; Ed.D., University of North Carolina

Caroline J. Roettger, 2003, assistant professor
B.M.E., Oklahoma City University; M.M.E., M.Ed., University of Central Oklahoma; Ed.D., Oklahoma State University

Lloyd O. Roettger, 2003, associate professor
B.S., M.A., Indiana State University; Ph.D., Iowa State University

Charles Rop, 1996, associate professor
A.B., Calvin College; Ph.D., Michigan State University

Tony R. Sanchez, 2003, associate professor
B.S., M.S., Ph.D., Indiana University

Rebecca Schneider, 2001, assistant professor
B.E., M.Ed., The University of Toledo; M.S., Ph.D., University of Michigan

Robert Schultz, 2001, associate professor
B.A., B.S., M.A., The University of Akron; M.A., Ph.D., Kent State University

Ruslan Slutsky, 2001, assistant professor
B.S., M.S., Ph.D., The Ohio State University

Dale T. Snauwaert, 2003, associate professor
B.A., University of Illinois at Chicago, Ed.M., Ph.D., University of Illinois at Urbana - Champaign

Gregory E. Stone, 2002, assistant professor
B.A., Shimer College; M.A., Loyola University of Chicago; Ph.D., The University of Chicago

Robert F. Sullivan, 1983, professor
B.A., M.S., Canisius College; Ph.D., State University of New York - Buffalo

Thomas J. Switzer, 2002, professor and dean
B.A., University of Northern Iowa; Ph.D., University of Michigan

Berhane Tcelehaimanot, 2001, assistant professor
B.A., St. Louis University; M.Ed., Ph.D., The University of Toledo

Mark Templin, 2001, assistant professor
B.E., M.A., The University of Toledo; Ph.D., University of Michigan

William B. Weber Jr., 1994, associate professor
B.S., M.A., The University of Toledo; Ed.D., University of Michigan

Richard Welsch, 2001, assistant professor
B.S., Youngstown State University; M.A., Ph.D., The Ohio State University

Brenda Wolodko, 2002, assistant professor
B.E., M.E., Ph.D., University of Alberta

Gerard Zam, 2001, assistant professor
B.S., Miami University; M.A., University of Dayton; Ph.D., The Ohio State University

EMERITUS FACULTY

John F. Ahern, 1969, professor emeritus
B.B.A., Boston College; M.A.T., Ed.D., University of Massachusetts

David M. Balzer, 1968, professor emeritus
B.A., Antioch College; M.A., Ph.D., University of Minnesota

Langston C. Bannister, 1971, professor emeritus
B.S., Tuskegee Institute; M.S., San Francisco State University; Ed.D., University of Massachusetts

Reemt R. Baumann, 1966, professor emeritus
B.A., Valparaiso University; M.S., Ph.D., University of Wisconsin - Madison

Martha E. Carroll, 1974, professor emerita
A.B., M.Ed., University of North Carolina; Ed.D., George Peabody College for Teachers

Gary E. Cooke, 1971, professor emeritus
B.S.Ed., Concordia Teachers College; M.Ed., Ed.D., University of Oregon

Dewitt C. Davison, 1967, professor emeritus
B.S., Alabama State University; M.Ed., Tuskegee Institute; Ph.D., University of Illinois

Jerome E. DeBruin, 1972, professor emeritus
B.S., University of Wisconsin - Stevens Point; M.Ed., Ph.D., University of Illinois

Kenneth C. DeGood, 1958, professor emeritus
A.B., Findlay College; M.S., University of Michigan; Ph.D., The Ohio State University

Lester J. Elsie, 1971, professor emeritus
B.S., State University College - Buffalo; M.Ed., Ed.D., State University of New York - Buffalo

Thomas C. Gibney, 1964, professor emeritus
B.A., M.A., University of Northern Iowa; Ph.D., State University of Iowa

James R. Gress, 1978, professor emeritus
B.S., University of Dayton; M.Ed., Miami University; Ph.D., Northwestern University

Lois Hodgson-Barbour, 1967, professor emerita
B.A., Park College; M.A., San Francisco State University; Ph.D., University of Iowa

Lynne M. Hudson, 1976, professor emerita
B.A., Kalamazoo College; M.Ed., Ph.D., Wayne State University

Joseph B. Hurst, 1972, professor emeritus
B.S., M.Ed., University of Illinois; Ph.D., Florida State University; Ed.S., The University of Toledo

130 College of Education

Joan D. Inglis, 1964, professor emerita

B.A., Northwestern University; M.Ed., Ph.D., The University of Toledo

Stephen G. Jurs, 1970, professor emeritus

B.S., M.S.Ed., Northern Illinois University; Ph.D., University of Colorado

Mark B. Kinney, 1976, professor emeritus

B.A., University of Maine - Orono; M.A., George Peabody College for Teachers

Phyllis H. Lamb, 1968, associate professor emerita

B.Ed., M.Ed., Ed.S., The University of Toledo

Ruth C. Lindecker, 1979, professor emerita

B.A., Mary Manse College; M.Mus.Ed., University of Michigan; Ph.D., University of Iowa

Thomas R. Lopez, Jr., 1970, professor emeritus

B.S., Ph.D., University of New Mexico

Suzanne L. McFarland, 1976, professor emerita

B.S., Millersville State College; M.Ed., Temple University; Ed.D., Indiana University

Dean L. Meinke, 1968, professor emeritus

B.A., M.Ed., University of Wisconsin - Superior; Ph.D., University of Wisconsin - Madison

Daniel L. Merritt, 1972, professor emeritus

B.S., State University of New York - Oswego; M.S., Ph.D., Syracuse University; J.D., The University of Toledo

Roy A. Miller, 1969, professor emeritus

B.S.Ed., M.Ed., Kent State University

Hughes Moir, 1969, professor emeritus

A.B., Antioch College; M.Ed., Boston University; Ed.D., Wayne State University

Paul H. Muntz, 1958, professor emeritus

A.B., Capital University; M.Ed., The University of Toledo

Linda Murphy, 1973, professor emerita

B.Ed., M.Ed., Ph.D., The University of Toledo

Janet M. Northrup, 1969, professor emerita

B.Ed., M.Ed., The University of Toledo

Edward J. Nussel, 1964, professor emeritus

B.S.Ed., University of Detroit; M.Ed., Ed.D., Wayne State University

Merritt H. Obreiter, 1978, associate professor emeritus

B.S., Montclair State College; M.A., Ball State University; Ed.D., Rutgers University

Amos C. Patterson, 1974, professor emeritus

B.S., M.S., Ed.D., Indiana University

Richard R. Perry, 1949, professor emeritus

B.Ed., M.A., Ed.D., The University of Toledo

James W. Piper, 1977, professor emeritus

B.Voc.Ed., M.Ed., Ed.S., Ph.D., The University of Toledo

Newton C. Rochte, 1952, professor emeritus

B.S., Bowling Green State University; M.A., Ph.D., The Ohio State University

David S. Rosenberger, 1960, professor emeritus

B.A., Bluffton College; M.A., Ph.D., The Ohio State University

Philip J. Rusche, 1983, professor emeritus

A.B., B.S., M.A., University of Cincinnati; Ed.D., University of Rochester

Richard W. Saxe, 1966, Distinguished University Professor Emeritus

B.S., George Williams College; M.A., Ph.D., University of Chicago

George B. Shirk, 1972, professor emeritus

B.A., Augustana College; M.A.T., University of the South; Ph.D., University of Illinois

Sam R. Snyder, 1969, professor emeritus

B.A., Kent State University; M.Ed., The University of Toledo; Ph.D., University of Michigan

Joseph C. Sommerville, 1970, professor emeritus

B.S., Morehouse College; M.S., M.A., Ed.S., Ph.D., University of Michigan

John A. Spiess, 1967, professor emeritus

B.S., M.A., Ph.D., University of Iowa

David Tavel, 1961, professor emeritus

B.A., University of Massachusetts; M.A., Clark University; Ed.D., Boston University

Robert T. Utz, 1968, professor emeritus

A.B., M.A., Ph.D., Washington University

Richard E. White, 1967, professor emeritus

B.B.A., B.S., M.A., Ph.D., University of Minnesota

William Wiersma, 1963, professor emeritus

B.S., University of Wisconsin - Stevens Point; M.S., Ph.D., University of Wisconsin - Madison

Darryl B. Yorke, 1972, professor emeritus

A.B., Colorado State College; M.A., Western State College; Ed.D., Brigham Young University

John W. Zimmer, 1980, professor emeritus

B.A., University of Minnesota; M.A., Mankato State University; Ph.D., University of Nebraska - Lincoln