

JUDITH HERB COLLEGE OF EDUCATION, HEALTH SCIENCE AND HUMAN SERVICE

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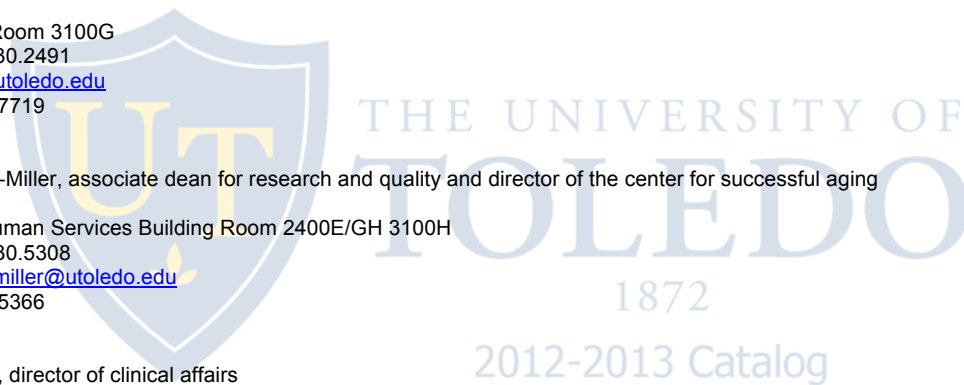
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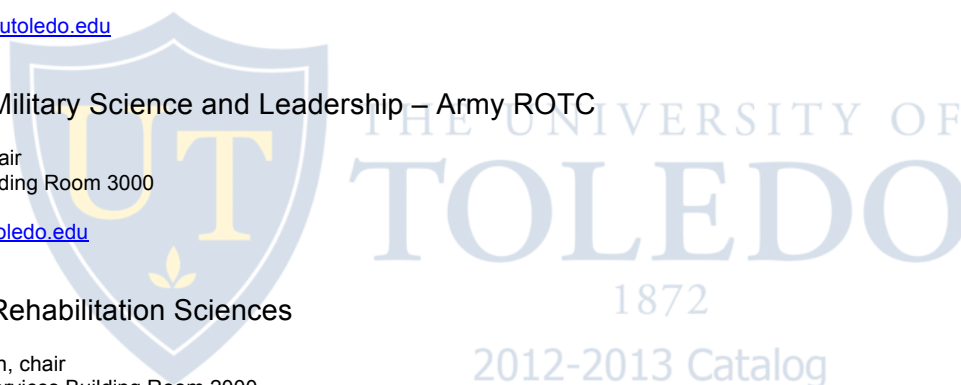
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JUDITH HERB COLLEGE OF EDUCATION, HEALTH SCIENCE AND HUMAN SERVICE

Degrees/Programs Offered

The college offers an array of bachelor's degrees and post-baccalaureate certificates.

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

Early Childhood Education (degree)

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 (degree)

Mild/Moderate Special Needs: Ages 5-21/grades K-12
Moderate/Intensive Special Needs: Ages 5-21/grades K-12

Middle Childhood Education (degree)

Ages 8-14/grades 4-9 with two of the following concentrations:
Reading and Language Arts
Mathematics
Science
Social Studies

Adolescence to Young Adult Education (degree)

Ages 12-21/grades 7-12 in each of the following areas:
Integrated Language Arts
Integrated Mathematics
Integrated Social Studies
Science (five options)

Multiage Education (degree)

Ages 3-21/grades PreK-12 in each of the following areas:
Visual Arts
Music
Health
Foreign Languages (French, German and Spanish)

The following undergraduate degrees, undergraduate minors or certificates are available:

Athletic Training (degree)

Chemical Dependency Counseling (undergraduate certificate)

Counseling (minor)

Criminal Justice (degree or minor)

Early Childhood Education (non-licensure)

Exercise Science (degree or minor)

The following concentrations are available:

Pre-Physical Therapy

Pre-Occupational Therapy

Exercise Physiology

Health Promotion and Human Performance

Biomechanics

Pre-Physician Assistant

Forensic Science (minor)

Health Care Administration (degree)

Health Information Administration (degree or undergraduate certificate)

Legal Specialties (minor)

Military Science (minor)

Nurse Paralegal (undergraduate certificate)

Paralegal Studies (degree or undergraduate certificate)

Public Health (degree or minor)

Recreation and Leisure (degree or minor)

The following tracks are available:

Administration in Recreation and Park Services

Tourism and Event Planning

Recreational Therapy (degree)

Reserve Officers Training Corps (program only)

Respiratory Care (degree)

Social Work (degree)

Speech Language Pathology (degree)

Admission Policies

To be admitted to the Judith Herb College of Education, Health Science and Human Service at The University of Toledo, direct-from-high-school students need a minimum cumulative high school grade point average (GPA) of the following:

Education majors:	GPA – 2.7 or ACT – 21
Health Science majors:	GPA – 2.50 or ACT – 20
Human Service majors:	GPA – 2.50 or ACT – 20

Students not qualifying for admission to the Judith Herb College of Education, Health Science and Human Service will be admitted to The University of Toledo's Transition Program which is part of the Gateway Programs. Students who want to transfer from any Gateway Program must earn 12 hours of college-level work with a minimum cumulative GPA of 2.3 for Education majors and 2.2 for Health Science and Human Service majors.

Selective/Limited Admission

The following programs require an additional application for admission to their professional programs:

- All Teacher licensure programs
- Athletic training
- Public health
- Recreation and leisure studies
- Recreational therapy
- Respiratory care
- Social work

Requirements for Students with an Associate's Degree

Students holding associate's degrees from accredited colleges are encouraged to enroll in the College. Students may earn a bachelor's degree upon completion of two or more additional years of full-time study; see the adviser in the major to determine a plan of study. The following regulations apply:

1. Students must complete the equivalent of the specified University core.

- In all baccalaureate programs, a minimum of 64 hours must be taken at the 2000 to 4000 levels; of these a minimum of 32 hours must be taken at the 3000 and 4000 levels. Coursework from other institutions is accepted at the level at which the course was taught at that institution.

Admission with Transfer Credit from Another Institution

Students with satisfactory academic records wishing to transfer into the Judith Herb College of Education, Health Science and Human Service must meet the minimum entrance requirements of The University of Toledo. After submission of official transcripts from all colleges/universities attended and acceptance by the College, transfer courses are evaluated. The evaluation process must be completed before the end of the first term of attendance.

Number of credit hours and minimum required GPA for transfer students:

	Number of credit hours transferred	Minimum required GPA
Education Students	Less than 30	2.3 overall
	30-59	2.5 overall
	60 or more	2.7 overall and 2.7 in student's major
Health Science Students	Less than 30	2.2 overall
	30-59	2.4 overall
	60 or more	2.5 overall
Human Service Students	Less than 30	2.2 overall
	30-59	2.4 overall
	60 or more	2.5 overall

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.

Change of College

Students in good standing (minimum cumulative GPA of 2.0) who wish to change from another college within The University of Toledo to the Judith Herb College of Education, Health Science and Human Service should make an appointment with a college adviser in the Office of Student Services to discuss the transfer and have academic records reviewed. All program requirements, including University core, must be fulfilled as specified in the catalog for the year in which the student enters the College. All undergraduate hours attempted and earned at the University of Toledo, as well as the GPA, will transfer.

Honors Program

The Honors Program in the Judith Herb College of Education, Health Science and Human Service provides opportunities for challenging and individualized study for undergraduate students of unusually high ability, motivation and initiative. For admission requirements, see Admission to the University Honors Program in the General Section of this catalog.

Academic Policies

The Judith Herb College of Education, Health Science and Human Service adheres to all of The University of Toledo policies and procedures. Please refer to the General Section of this catalog for academic policies governing all students enrolled at the University. In any case where University, college, departmental and/or program policies conflict, the most stringent policy applies. Students should consult with their program for a complete list of all policies and procedures specifically related to their program.

Academic Advising

The Office of Student Services in the Judith Herb College of Education, Health Science and Human Service coordinates academic advising. The office's mission is to provide quality, timely and comprehensive student services that will enhance student success in achieving academic goals. Although the ultimate responsibility for making personal and educational decisions rests with the student, his/her potential for academic success can improve considerably through relationships with the college's advisers, who can provide assistance in identifying educational options and enhancing student potential.

Students in the Judith Herb College of Education, Health Science and Human Service are assigned academic advisers. Essential services provided by advisers include degree requirements, career opportunities, and interpretations of college and University policies and procedures.

GPA Recalculation for Repeated Courses

Students who have retaken a course and earned a higher grade may petition to have the first grade excluded from grade point average. Credit will only be awarded once for repeated courses. If a grade has been deleted that grade will not be used in determining the UT grade point average. However, all grades, including those for repeated courses, will be included in the determination of eligibility for graduation honors, fellowships, or other distinctions awarded on the basis of GPA. No more than a total of 12 semester hours of course work will be deleted. Students who have had their GPAs recomputed under the Academic Forgiveness Policy are not eligible for grade deletions. Specific programs within the college may have more rigorous requirements for grade deletions of major or related courses.

Withdrawal Policy (W Grades)

The number of credit hours of W is limited to 22 hours for all undergraduate students in degree programs in the Judith Herb College of Education, Health Science and Human Service. Once a student has accumulated 22 hours of W, further withdrawals will be counted as F's in computation of the student's GPA for the purposes of probation or suspension. In addition, students risk the loss of financial aid if they accumulate excessive hours of W.

Academic Probation and Suspension

Students with a cumulative GPA of less than 2.0 are automatically placed on probation until a cumulative GPA of 2.0 is achieved. While on probation, it is recommended students enroll for 12 or fewer credit hours. Students on probation must see an adviser.

Academic suspension means the student is prohibited from registering at The University of Toledo for a period of at least one semester. A student is subject to academic suspension if his or her GPA continues to fall below the minimum of 2.0 or if he or she fails to make sufficient progress toward attainment of the degree by accumulating excess W grades. Students may remove Incompletes while under suspension. Refer to the [UT Policy web](#) site for additional information on academic suspension.

Dismissal

Dismissed students are not eligible for readmission to the Judith Herb College of Education, Health Science and Human Service. A student may be dismissed for:

- Failing to meet the conditions of readmission after suspension from the Judith Herb College of Education, Health Science and Human Service.
- 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

Refer to the [UT Policy web](#) site for further information on Academic Honesty.

Academic Grievance

Students have the responsibility and right to call to the attention of a professor any course grade believed to be in error. The college grievance procedure must be initiated within 60 days of the posting of the final grade. Academic grievances must follow the procedure described below:

- The student meets with the professor to attempt to resolve the problem.
- If meeting with the professor does not resolve the problem, the student must discuss the problem with the department chair of the faculty member who issued the grade. The chair attempts to resolve the problem, but may not unilaterally change the grade.
- If meeting with the chair does not resolve the issue, the student will forward the appeal to the associate dean for undergraduate education of the Judith Herb College of Education, Health Science and Human Service.
- The college's Petition for Academic Grievance should be used for this purpose. The student must state the reasons for the

appeal and the desired outcome. The student must meet with the associate dean to review and discuss the problem. The associate dean will attempt to resolve the problem by meeting with the appropriate faculty member, but may not unilaterally change the grade.

- If the student wishes to continue the appeal, he/she must forward the appropriate information relative to the problem to the Student Grievance Council. Information on this process may be found in The University of Toledo Student Handbook. Note: If the grievance occurs during the fall or summer semester, a grievance petition must be filed with the chair of the Student Grievance Council no later than the last day of classes in the next semester. If the grievance occurs during the spring semester, the grievance petition must be filed with the chair of the Student Grievance Council no later than the last day of classes in the final summer session.

Student Responsibilities

Students are responsible to complete the following:

- All first-year students must see an adviser each semester; all Judith Herb College of Education, Health Science and Human Service students are strongly encouraged to see a faculty or academic adviser at least once a year.
- Readmit students are responsible for degree requirements in effect at the time of readmission.
- Students are responsible for fulfilling all degree requirements.
- Students are encouraged to meet with their academic advisers as needed for assistance.
- Students must contact the Office of Student Services to schedule an advising appointment.

Degree Requirements

Education

Students for degrees in Education from the Judith Herb College of Education, Health Science and Human Service 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 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.

Health Science and Human Service

Students in baccalaureate programs in Health Science and Human Service must complete a minimum of 124 hours of course work and have the proper number of credit hours as outlined in their program of study. In all baccalaureate programs, a minimum of 64 hours must be taken at the 2000 levels or above; of these, a minimum of 32 hours must be taken at the 3000 and 4000 levels.

University Core Curriculum

Students earning bachelor's or associate's degrees in all University colleges and programs are required to complete 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 Judith Herb College of Education, Health Science and Human Service at The University of Toledo to be eligible for graduation and/or teacher licensure.

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

Full-time students transferring into Health Science and Human Service programs must complete at least the final semester and 25 percent of their program of study in residence within the college. Part-time students must complete the last 12 credit hours and 25 percent of the program of study within the college.

Application for Graduation

See the UT Policy web site for additional information.

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 Judith Herb College of Education, Health Science and Human Service meet all University of Toledo requirements for the bachelor'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 depending on licensure area.

Students who successfully complete all college degree requirements, student teaching/internship and licensure exams will be recommended for a teaching license in Ohio. For additional information on licensure requirements, students should inquire in the Office of Student Services. 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 of 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 Judith Herb College of Education, Health Science and Human Service. Students should apply for admission to professional education no later than the fifth semester of full-time enrollment.
2. Completion of a minimum of 48 credit hours of approved course work, including pre-professional education courses 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:

Mathematics	172
Reading	172
Writing	172

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 a criminal offense listed in R.C. 3319.31 or R.C. 3319.39. Students should refer to a list of the rules and statutes in the Ohio Revised Code and the Ohio Administrative Code that are applied by the Office of Professional Conduct at the Ohio Department of Education. All rules and statutes listed will result in removal from all teacher education programs.
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 has established a set of guidelines and procedures that students seeking admission to professional education will follow. Students should contact their adviser or department chair 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 pre-teacher education program may include field experiences. Students will be required to assemble portfolio evidence of experience as they progress through their programs. Students must submit to background checks and fingerprinting. Transportation is the responsibility of the student.

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.

Student Teaching/Internship Assignment

The staff of the Field Experiences Office makes all field placements 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 at The University of Toledo are required to complete a series of licensure tests. These tests have been approved by the Ohio Department of Education and NCATE. The required tests are listed below.

1. **Pre-professional 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 Office of Student Services.
3. **Other** – Performance assessments will be used throughout the program to evaluate students' performance 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 Judith Herb College of Education, Health Science and Human Service. The associate 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 in Education

The following program descriptions provide a general outline of each teacher education program. Program degree audits are available online and provide specific individual course requirements and options for each major. Students should use the audit to keep a record of completion of the respective 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).

Required Course Work:

University Core and General Education – 36 hours minimum

Pre-professional Education – 27 hours (Must be completed prior to making application for professional standing. See adviser for sequencing.)

- EDU 1700
- EDP 3200
- ETPT 2020
- CIEC 3200
- CIEC 4340
- EDP 3210
- SPED 2040
- TSOC 2000
- CI 4980 (Foundations of Literacy)

Cognate Courses – 9 hours (Must be completed before the final three semesters of the program. Professional standing is not required.)

- MED 3030 (Has a prerequisite of MUS 2200 or comparable experience.)
- AED 3100
- PED 2450
- HEAL 3100

Area of Concentration (Students must select one of the areas of concentration identified below.)

Mathematics (choose four classes from the following)

- MATH 1830, 1840, 2600 and 2620
- CI 4550

Science (choose four classes from the following)

- Life Science (BIOL 1120, EEES 2150 and 2160)
- Chemistry/Physics (CHEM 1120, NASC 1100 and 1110)
- Earth/Space Science (EEES 1010 and 1020, ASTR 1010 and 2050)

Social Studies (choose 12 hours)

- HIST 2010 and 2020
- Select two courses from the following
- CI 4710
- PSC 1200
- GEPL 4040
- ECON 1010
- ANTH 2800
- PSY 3010

Language Arts (choose 12 hours)

- ENGL 2760, 3150, 3790
- ENGL 2720 or 2730 or 4090

Cohort Semester – 60 hours (final four semesters in the program)

Professional standing required – students must register for all courses listed under each cohort semester. See adviser for sequencing of courses.

- CIEC 3350, 3380, 4480, 4070, 4550, 4460, 4750, 4770, 4930 and 4900
- CI 3430, 3460, 4980 and 4510
- GIFT 4100
- SPED 4080

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 you 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 must be successfully completed to be recommended for licensure.**

Below is a sample curriculum for the Early Childhood Education program. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester		Summer Sem

Year 1	EDU 1000 Orientation to Ed ENGL 1110 College Comp I Math 1210 Math Ed 1 TSOC 2000 ETPT 2020 Multimedia in Ed. Social Science Core	1 3 3 3 3	EDU 1700 Introduction to Ed ENGL 1130,1140,1150, 2950, 2960 College Comp II Math 1220 Math Ed 2 Non-Western (DD) MUS 2200 Music Theory	3 3 3 3 3	See adviser about double dipping a class in two areas.
	Total Hours	16	Total Hours	15	
Year 2	Core Requirement CIEC 3200 Phil & Prac EDP 3210 EC Develop (24 hr. field included) Natural Science Concentration	3 3 3 3 3	CIEC 4340 Infant Toddler (24 hr. field included) SPED 2040 Perspectives Concentration Natural Science HEAL 3100 Health EC MED 3030 Music EC	3 3 3 2 2	Concentration AED 3100 PED 2450 (Total Hours 8) Ready to Enter Prof. Education
	Total Hours	15	Total Hours	16	
Year 3	Cohort 1 CIEC 4070 Effec Teaching CIEC 4480 120 hr. field GIFT 4100 Gifted/Talented SPED 4080 Curr Adapt EDP 3200 Applied Psych	3 3 3 3 3	Cohort 2 CIEC 4460 Science Methods CIEC 3350 Public Policy CIEC 3380 120 hr. field CI 3430 Phonics CI 3460 Lit & ECE	3 3 3 3 3	CI 4890 Found. Concentration (Total Hours 6)
	Total Hours	15	Total Hours	15	
Year 4	Cohort 3 CIEC 4770 120 hr. practicum CIEC 4550 Social Studies CIEC 4750 Develop Assess CI 4980 Lit Assess CI 4510 Math for Young	3 3 3 3 3	Cohort 4 CIEC 4930 Student Teaching CIEC 4900 Student Teaching Seminar	12 3	Can take classes for 4 th /5 th endorsement
	Total Hours	15	Total Hours	15	

Special Education (Intervention Specialist)

Programs in special education prepare pre-service 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. Preparation for early intervention special education and adult services occurs 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.

Student must complete the Praxis I exam and receive the minimum score of 172 in each area, as required by the Judith Herb College of Education, Health Science and Human Service, and complete 48 hours with a 2.7 GPA or higher.

Below is a sample curriculum for the Intervention Specialist Education program. Sample curriculum is subject to change. Please consult the department for up-to-date information.

Mild-Moderate Intervention Specialist

	Fall Semester		Spring Semester	
Year 1	EDU 1000 Orientation ENGL 1110 Comp 1 MATH 1210 Math Edu 1 Social Studies Cognate Social Studies Cognate Natural Science cognate	1 3 3 3 3 3	EDU 1700 Intro Ed ENGL 1130,1140,1150, 2950, 2960 Comp II MATH 1220 Math Ed 2 ETPT 2020 Multimedia in Ed. Environments SPED 2040 Perspectives-Field of Exceptionalities Social Studies Cognate	3 3 3 3 3 3
	Total Hours	16	Total Hours	18
Year 2	Foreign Language Language Arts Cognate Language Arts Cognate Natural Science Cognate Social Science Cognate	3-4 3 3 3 3	CI 4980 Foundations Foreign Language Language Arts Cognate EDP 3200 Applied Psych HEAL 4400 Health Problems	3 3-4 3 3 3

	SPED 3130 Linguistic Analysis	3	TSOC 3000 Schooling	3
	Total Hours	18/ 19	Total Hours	18/ 19
Year 3	EDP 3290 Lifespan SPED 4100 Field SPED 4110 Methods Mod SPED 4240 Teach Phonics, Reading, Writing SPED 4260 Family/Prof Relations	3 3 3 3 3	AED 4140 Art Spec SPED 4100 Field SPED 4340 Effective Mgmt SPED 4370 Methods Mild CI 4400 Read Middle	3 3 3 3 3
	Total Hours	15	Total Hours	15
Year 4	CI 4000 Curr Int CI 4010 Middle Field SPED 4060 Spec Int EC SPED 4250 Career Voc SPED 4450 Methods ED CI 4980 Lit Assess	3 1 3 3 3 3	SPED 4600 Seminar in Sp Ed SPED 4930 Student Teaching	3 12
	Total Hours	16	Total Hours	15

Moderate-Intensive Intervention Specialist

	Fall Semester		Spring Semester		Summer Sem
Year 1	EDU 1000 Orientation ENGL 1110 Comp 1 MATH 1210 Math Edu 1 Social Studies Cognate Social Studies Cognate Natural Science cognate	1 3 3 3 3 3	EDU 1700 Intro Ed ENGL 1130,1140,1150, 2950, 2960 Comp II MATH 1220 Math Ed 2 ETPT 2020 Multimedia in Ed. Environ SPED 2040 Perspectives-Field of Exceptionalities Social Studies Cognate	3 3 3 3 3 3 3	
	Total Hours	16	Total Hours	18	
Year 2	Foreign Language Language Arts Cognate Language Arts Cognate Natural Science Cognate Social Science Cognate SPED 3130 Linguistic Analysis	3-4 3 3 3 3 3	CI 4980 Foundations Foreign Language Language Arts Cognate EDP 3200 Applied Psych HEAL 4400 Health Problems TSOC 3000 Schooling	3 3-4 3 3 3 3	
	Total Hours	18/ 19	Total Hours	18- 19	
Year 3	EDP 3290 Lifespan SPED 4100 Field SPED 4110 Methods Mod SPED 4240 Teach Phonics, Reading, Writing SPED 4260 Family/Prof Relations	3 3 3 3 3	AED 4140 Art Spec SPED 4100 Field SPED 4340 Eff Mgmt SPED 4120 Methods Int CI 4400 Read Middle	3 3 3 3 3	SLP 4440 Augm Comm Systems (Total Hours 3)
	Total Hours	15	Total Hours	15	
Year 4	CI 4000 Curr Int CI 4010 Middle Field SPED 4060 Spec Int EC SPED 4250 Career Voc SPED 4450 Methods ED CI 4980 Lit Assess	3 1 3 3 3 3	SPED 4600 Seminar in Sp Ed SPED 4930 Student Teaching	3 12	
	Total Hours	16	Total Hours	15	

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).

University Core and General Education – 27 hours minimum

Pre-professional Education – 21 hours

EDU 1700
ETPT 2020
SPED 2040
CI 4980
HEAL 4400
CI 3240
CI 3440

Professional Education – 45 hours

Select the two methods courses that correspond to your licensure areas from the list below:

CI 4250, 4260, 4270 and 4280
CI 4290
CI 4000
CI 4010
CI 4400
CI 4930
CI 4990
AED/MED 4230
EDP 3200
TSOC 3000
CI 4980

Licensure Areas – Select two. Students will concentrate in two licensure areas and will complete course work in each area

Mathematics – 26 hours

MATH 1830, 1840, 2600, 2620, 3440, 3510 and 1890
CI 4550

Reading and Language Arts – 24 hours

ENGL 3150, 2730, 2720, 3600, 3790 and 4090
CI 4320 and 4360

Science – 29 hours

Life Science

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 4540

Social Studies – 33 hours

Related content area

ECON 1010
PSC 1200
PSC 1710
GEPL 3050

Economics (select one of the following)

ECON 1150 or 1200

Behavioral Sciences (select one course from each of the following disciplines)

ANTH 1020 or 2800
SOC 1010, 1750, 2100 or 2640
PSY 1010, 2500 or 3200

U.S. History (select two from the following)

HIST 2010, 2020, 2340, 3310, 4430 and 3600

European History (select one of the following)

HIST 1010, 1020 or 4100

Below is a sample curriculum for the Middle Childhood Education program. Sample curriculum is subject to change. Please consult

the department for up-to-date information.

Middle Childhood Education Social Studies/Science

	Fall Semester		Spring Semester		Summer Sem
Year 1	EDU1000 ENGL 1110 MATH 1210 Core Course Content A Content B	1 3 3 3 3 3	ETPT 2020 ENGL 1130 SPED 2040 Content A Content B	3 3 3 3 3	Content A Content B (Total Hours 6)
	Total Hours	16	Total Hours	15	
Year 2	EDU1700 Content A Content A Content B Content B	3 3 3 3 3	CI 4980 Content A Content A Content B Content B	3 3 3 3 4	HEAL 4400 Content A (Total Hours 6)
	Total Hours	16	Total Hours	16	
Year 3	CI 3240 CI 3440 Content A Content A Content B	3 3 3 3 4	CI 4260 CI 4270 CI 4290 CI 4400 EDP 3200	4 4 2 3 3	
	Total Hours	16	Total Hours	16	
Year 4	CI 4980 CI 4000 CI 4010 AED/MED 4230 TSOC 3000 Content A	3 3 1 1 3 3	CI 4930 CI 4990	12 1	
	Total Hours	16	Total Hours	13	

Middle Childhood Education Mathematics/Social Studies

	Fall Semester		Spring Semester		Summer Sem
Year 1	EDU 1000 ENGL 1110 Content A Content B Content B	1 3 4 3 3	ETPT 2020 Core Course ENGL 1130 Content A Content B	3 3 3 4 3	SPED 2040 Content A Content B (Total Hours 9)
	Total Hours	14	Total Hours	16	
Year 2	EDU 1700 Core Course Content A Content B Content B	3 3 3 3 3	CI 4980 Content A Content A Content B Content B	3 3 3 3 3	HEAL 4400 TSOC 3000 Content B (Total Hours 9)
	Total Hours	15	Total Hours	15	
Year 3	CI 3240 CI 3440 Content A Content A Content B	3 3 3 3 3	CI 4250 CI 4270 CI 4290 CI 4400 EDP 3200	4 4 2 3 3	
	Total Hours	15	Total Hours	16	
Year 4	CI 4980 CI 4000 CI 4010	3 3 1	CI 4930 CI 4990	12 1	

	AED/MED 4230 Content B Core Course	3 3 3			
	Total Hours	16		Total Hours	13

Middle Childhood Education Mathematics/Science

	Fall Semester		Spring Semester		Summer Sem
Year 1	EDU 1000 ENGL 1110 Core Course Content A Content B	1 3 3 4 4	ETPT 2020 Core Course Content A Content B Content B	3 3 4 3 1	SPED 2040 ENGL 1150 Content A (Total Hours 9)
	Total Hours	15	Total Hours	14	
Year 2	EDU 1700 Core Course Content A Content B Content B Content B	3 3 3 3 3 1	CI 4980 Content A Content A Content B Content B Content B	3 3 3 3 4 1	HEAL 4400 Core Course Content B (Total Hours 9)
	Total Hours	16	Total Hours	17	
Year 3	CI 3240 CI 3440 Content A Content A Content B	3 3 3 3 3	CI 4250 CI 4260 CI 4290 CI 4400 EDP 3200	4 4 2 3 3	
	Total Hours	15	Total Hours	16	
Year 4	CI 4980 CI 4000 CI 4010 AED/MED 4230 TSOC 3000 Core Course	3 3 1 3 3 3	CI 4930 CI 4990	12 1	
	Total Hours	16	Total Hours	13	

Middle Childhood Education Mathematics/Reading and Language Arts

	Fall Semester		Spring Semester		Summer Sem
Year 1	EDU 1000 ENGL 1110 Core Course Core Course Content B	1 3 3 3 4	ETPT 2020 ENGL 1150 SPED 2040 Core Course Content B	3 3 3 3 4	Core Content A Content B (Total Hours 9)
	Total Hours	14	Total Hours	16	
Year 2	EDU 1700 Core Course Content A Content A Content B	3 3 3 3 3	CI 4980 Content A Content A Content B Content B	3 3 3 3 3	HEAL 4400 Content A (Total Hours 6)
	Total Hours	15	Total Hours	15	
Year 3	CI 3240 CI 3440 Content A Content A Content B	3 3 3 3 3	CI 4280 CI 4290 CI 4400 EDP 3200 CI 4250	4 2 3 3 4	
	Total Hours	15	Total Hours	16	

Year 4	CI 4980 CI 4000 CI 4010 TSOC 3000 AED/MED 4230 Content B	3 3 1 3 3 3	CI 4990 CI 4930	1 12	
	Total Hours	16	Total Hours	13	

Middle Childhood Education Reading and Language Arts/Science

	Fall Semester		Spring Semester		Summer Sem
Year 1	EDU 1000 ENGL 1110 MATH 1320 Core Course Core Course Content B	1 3 3 3 3 4	ETPT 2020 ENGL 1150 SPED 2040 Core Course Content B Content B	3 3 3 3 3 1	Content A Content B (Total Hours 6)
	Total Hours	17	Total Hours	16	
Year 2	EDU 1700 Content A Content A Content B Content B Content B	3 3 3 3 3 1	CI 4980 Content B Content B Content B Content A Content A	3 3 4 1 3 3	HEAL 4400 (Total Hours 3)
	Total Hours	16	Total Hours	17	
Year 3	CI 3240 CI 3440 Content A Content A Content B	3 3 3 3 3	CI 4260 CI 4280 CI 4290 CI 4400 EDP 3200	4 4 2 3 3	
	Total Hours	15	Total Hours	16	
Year 4	CI 4980 CI 4000 CI 4010 AED/MED 4230 TSOC 3000 Content A	3 3 1 3 3 3	CI 4930 CI 4990	12 1	
	Total Hours	16	Total Hours	13	

Middle Childhood Education Reading and Language Arts/Social Studies

	Fall Semester		Spring Semester		Summer Sem
Year 1	EDU 1000 ENGL 1110 MATH 1320 Core Course Core Course Content B	1 3 3 3 3 3	ETPT 2020 ENGL 1150 SPED 2040 Content B Content B	3 3 3 3 3	Content A Content B (Total Hours 6)
	Total Hours	16	Total Hours	15	
Year 2	EDU 1700 Content A Content A Content B Content B Content B	3 3 3 3 3 3	CI 4980 Content B Content B Content B Content A Content A	3 3 3 3 3 3	HEAL 4400 (Total Hours 3)
	Total Hours	18	Total Hours	18	

Year 3	CI 3240 CI 3440 Content A Content A Content B	3 3 3 3 3	CI 4270 CI 4280 CI 4290 CI 4400 EDP 3200	4 4 2 3 3	
	Total Hours	15	Total Hours	16	
Year 4	CI 4980 CI 4000 CI 4010 AED/MED 4230 TSOC 3000 Content A	3 3 1 3 3 3	CI 4930 CI 4990	12 1	
	Total Hours	16	Total Hours	13	

Adolescence to 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 the science options.

Integrated Mathematics – B.Ed.

University Core and General Education – 27 hours

Pre-professional Education – 12 hours

EDU 1700
ETPT 2020
SPED 2040
TSOC 3000

Professional Education – 41 hours

CI 3240, 3110, 4130, 4160, 4190, 4490, 4570, 4910, 4930, 3/4000 elective
EDP 3200

Mathematics Content – 48 hours

MATH 1830, 1840, 1890, 2190, 2850, 3320, 3440, 3450, 3510, 3610, 4380, 4680, 3/4000 elective, 4000 elective
CI 4550

Below is a sample curriculum for the Integrated Mathematics Education program. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	EDU 1000 ENGL 1110 MATH 1830 UT Core UT Core UT Core	1 3 4 3 3 3	ENGL 1130 EDU 1700 ETPT 2020 MATH 1840 UT Core	3 3 3 4 3
	Total Hours	17	Total Hours	16
Year 2	MATH 2850 MATH 2190 SPED 2040 TSOC 3000 UT Core	4 3 3 3 3	MATH 3440 MATH 3510 MATH 3610 MATH elective UT Core	3 3 3 3 3
	Total Hours	16	Total Hours	15
Year 3	MATH 1890 MATH 3450 MATH 3320 MATH elective UT Core	3 3 3 3 3	MATH 4380 CI 4550 CI 3110 CI 3240 CI 4570	3 3 2 3 3

		3 3	CI 3/4000 elective	3
	Total Hours	18	Total Hours	17
Year 4	CI 4130 CI 4160 CI 4190 EDP 3200 CI 4490	3 3 3 3 3	CI 4910 CI 4930	3 12
	Total Hours	15	Total Hours	15

Single Degree Programs (B.Ed.)

Science

Students should choose one from the five listed.

Pre-professional Education – 12 hours

EDU 1700
ETPT 2020
SPED 2040
TSOC 3000

Professional Education – 38 hours

CI 3240 and CI 3110
CI 4490
CI 4130, 4170 and 4190
CI 4680
CI 4910 and 4930
EDP 3200

Integrated Science Option

Core Science – Complete all six areas

Life Science Core – 13 hours

EEES 2150, 2160, 3050
BIOL 2170 and 2180

Chemistry Core – 13 hours

CHEM 1230, 1240, 1280, 1290, 2410

Physics Core – 15 hours

PHYS 1910, 2070, 2080, 2100

Earth and Space Science Core – 11 hours

ASTR 2010
EEES 2100 and 1020
GEPL 4540

Science and Mathematics Core – 17 hours

PHYS/BIOL 1340
EEES 2010
MATH 1830, 1840, 2600

Advanced Science – Select one area of four

Advanced Life Science – 12 hours

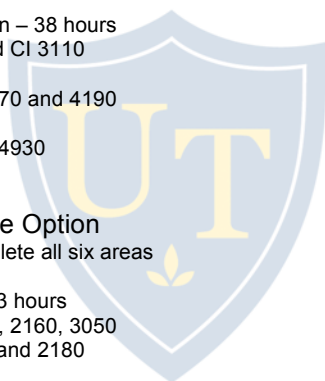
BIOL 3010, 3030 and 3040 or 3020
EEES 3060, 4150

Advanced Chemistry – 13 hours

CHEM 2420, 2460, 2470, 3710, 3860
EEES 4220

Advanced Physics – 11 hours

PHYS 3180, 3310, 3320 and 3610



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Advanced Earth and Space Science – 16 hours
 ASTR 2020, 2050 and 2340
 EEES 2400, 3100 and 2230

Below is a sample curriculum for the Integrated Science Education program. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	BIOL 2150 BIOL 2160 MATH 1830 PHYS 1910 EDU 1700 Total Hours	4 1 4 3 3 15	BIOL 2170 BIOL 2180 MATH 1840 PHYS/BIOL 1340 EEES 1020 Total Hours	4 1 4 3 1 13
Year 2	CHEM 1230 CHEM 1280 PHYS 2070 ETPT 2020 University Core Total Hours	4 1 5 3 3 16	CHEM 1240 CHEM 1290 PHYS 2080 SPED 2040 University Core Total Hours	4 1 5 3 3 16
Year 3	EEES 3050 EEES 3060 BIOL 3010 CHEM 2410 TSOC 3000 Total Hours	3 1 3 3 3 13	BIOL 3030 BIOL 3040 EEES 2100 CI 3240 CI 3110 Total Hours	3 2 4 3 2 14
Year 4	EEES 2010 CI 4130 CI 4170 CI 4190 University Core Total Hours	3 3 3 3 3(2) 15	EEES 4150 ASTR 2010 CI 4680 CI 4490 University Core Total Hours	3 3 3 3 3(2) 15
Year 5	GEPL 4540 MATH 2600 EDP 3200 University Core University Core University Core Total Hours	3 3 3 3 3 3 15	CI 4910 CI 4930 Total Hours	3 12 15

Life Science Option

Core and Advanced Life Science – 25 hours
 BIOL/EEES 2150 and 2160
 BIOL 2170 and 2180
 BIOL 3010, 3030 and 3040 or 3020
 EEES 3050 and 3060
 EEES 4150

Science and Mathematics Core – 16 hours
 PHYS/BIOL 1340
 EEES 2010
 MATH 1750, 1760 and 2600

Supporting Life Science – 19 hours
 CHEM 1230, 1240 and 1280
 EEES 2100
 GEPL 4540

PHYS 1320

Second Core Areas – Select one area of three

Chemistry (recommended) – 4 hours
CHEM 1230, 1240, 1280, 1290 and 2410

Physics – 13 hours (MATH 1830/1840)
PHYS 1910, 2070 and 2080

Earth and Space Science – 4 hours
ASTR 2010
EEES 2100 and 1020
GEPL 4540

Below is a sample curriculum for the Life Science Education program. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	BIOL 2150 BIOL 2160 MATH 1750 EDU 1700 University Core University Core Total Hours	4 1 4 3 3 3	BIOL 2170 BIOL 2180 EEES 1020 MATH 1760 PHYS 1320 PHYS/BIOL 1340 ETPT 2020 Total Hours	4 1 1 3 3 3 3
Year 2	BIOL 3010 CHEM 1230 CHEM 1280 EEES 3050 EEES 3060 SPED 2040 TSOC 3000 Total Hours	3 4 1 3 1 3 3	BIOL 3030 BIOL 3040 CHEM 1240 EEES 2100 CI 3240 CI 3110 Total Hours	3 2 4 4 3 2
Year 3	EEES 2010 CI 4130 CI 4170 CI 4190 University Core University Core Total Hours	3 3 3 3 3 3	EEES 4150 ASTR 2010 CI 4680 CI 4490 University Core Total Hours	3 3 3 3 3
Year 4	GEPL 4540 MATH 2600 EDP 3200 University Core University Core University Core Total Hours	3 3 3 3 3 3	CI 4910 CI 4930 Total Hours	3 12

Earth and Space Science Option

Core and Advanced Earth Space Science – 30 hours
ASTR 2010
EEES 2100 and 1020
GEPL 4540
ASTR 2020, 2050 and 2340
EEES 2400, 3100 and 2230

Science and Mathematics Core – 17 hours
PHYS/BIOL 1340

EEES 2010
MATH 1750, 1760 and 2600

Supporting Earth and Space Science – 12 hours

EEES 2150
CHEM 1230 and 1280
PHYS 1320

Second Core Area – Select one area of three

Chemistry (recommended) – 8 hours

CHEM 1240, 1290 and 2410

Physics – 13 hours (MATH 1830/1840)

PHYS 1910, 2070 and 2080

Life Science – 9 hours

EEES 2160 and 3050
BIOL 2170 and 2180

Below is a sample curriculum for the Earth and Space Science Education program. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	EEES 1020 EEES 2100 MATH 1750 EDU 1700 University Core	1 4 4 3 3	ASTR 2020 ASTR 2050 PHYS 1320 PHYS/BIOL 1340 MATH 1760 ETPT 2020	3 1 3 3 3 3
	Total Hours	15	Total Hours	16
Year 2	EEES 2010 EEES 2150 ASTR 2010 CHEM 1230 CHEM 1280 TSOC 3000	3 4 3 4 1 3	EEES 2400 ASTR 2340 CHEM 1240 CHEM 1290 CI 3240 CI 3110	3 3 4 1 3 2
	Total Hours	18	Total Hours	16
Year 3	EEES 3100 CHEM 2410 CI 4130 CI 4170 CI 4190 SPED 2040	3 3 3 3 3 3	EEES 2230 CI 4490 CI 4680 EDP 3200 University Core University Core	3 3 3 3 3 3
	Total Hours	18	Total Hours	18
Year 4	GEPL 4540 MATH 2600 University Core University Core University Core	3 3 3 3 3 3	CI 4910 CI 4930	3 12
	Total Hours	15	Total Hours	15

Chemistry Option

Core and Advanced Chemistry – 33 hours

CHEM 1230, 1240, 1280, 1290, 2140 and 2460
CHEM 2420, 2470, 3710 and 3860
EEES 4220

Science and Mathematics Core – 17 hours

PHYS/BIO 1340
 EEES 2010
 MATH 1830, 1840 and 2600

Supporting Chemistry – 18 hours
 BIOL 2170
 EEES 2100
 PHYS 2070 and 2080

Second Core Area – Select one area of three

Physics – 3 hours (MATH 1830/1840 required)
 Recommended
 PHYS 1910, 2070 and 2080

Earth and Space Science – 7 hours
 EEES 1020
 ASTR 2010
 GEPL 4540

Life Science – 9 hours
 EEES 3050
 BIOL 2180
 BIOL/EEES 2150, 2160

Below is a sample curriculum for the Chemistry Education program. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	CHEM 1230 CHEM 1280 PHYS 1910 MATH 1830 EDU 1700 University Core	4 1 3 4 3 3	CHEM 1240 CHEM 1290 PHYS/BIO 1340 MATH 1840 ETPT 2020 University Core	4 1 3 4 3 3
	Total Hours	18	Total Hours	18
Year 2	CHEM 2410 CHEM 2460 PHYS 2070 EEES 2010 TSOC 3000 SPED 2040	3 1 5 3 3 3	CHEM 2420 CHEM 2470 PHYS 2080 CI 3110 CI 3240 CI 4490	3 1 5 2 3 3
	Total Hours	18	Total Hours	17
Year 3	CHEM 3710 CHEM 3860 CI 4130 CI 4170 CI 4190 University Core	3 2 3 3 3 3	BIOL 2170 CI 4680 EDP 3200 University Core University Core	4 3 3 3 3
	Total Hours	17	Total Hours	16
Year 4	EEES 2100 EEES 4220 MATH 2600 University Core University Core	4 3 3 3 3	CI 4910 CI 4930	3 12
	Total Hours	16	Total Hours	15

Physics Option

Core and Advanced Physics – 24-26 hours

PHYS 1910, 2070, 2080 and 2100
 PHYS 3180, 3310, 3320 and 3610

Science and Mathematics Core – 17 hours
 PHYS/BIOL 1340
 EEES 2010
 MATH 1830, 1840 and 2600

Supporting Physics – 14 hours
 ASTR 2010
 BIOL 2170
 CHEM 1230
 GEPL 4540

Second Core Area – Select one of three

Earth and Space Science – 5 hours
 EEES 2100 and 1020

Chemistry – 9 hours
 CHEM 1240, 1280, 1290 and 2410

Life Science – 9 hours
 BIOL/EEES 2150, 2160
 BIOL 2180
 EEES 3050

Below is a sample curriculum for the Physics Education program. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	PHYS 1910 PHYS 2130 CHEM 1230 MATH 1830	3 5 4 4	PHYS/BIOL 1340 PHYS 2140 MATH 1840 EDU 1700	3 5 4 3
	Total Hours	16	Total Hours	15
Year 2	PHYS 3310 EEES 2010 BIOL 2170 ETPT 2020 University Core	3 3 4 3 3	PHYS 3180 PHYS 3320 CI 3240 CI 3110 SPED 2040 University Core	2 3 3 2 3 3
	Total Hours	16	Total Hours	16
Year 3	PHYS 3610 CI 4130 CI 4170 CI 4190 TSOC 3000 University Core	3 3 3 3 3 3(2)	MATH 2600 CI 4680 CI 4490 EDP 3200 University Core University Core	3 3 3 3 3 3
	Total Hours	18	Total Hours	18
Year 4	ASTR 2010 EEES 2100 EEES 1020 GEPL 4540 University Core University Core	3 4 1 3 3 3	CI 4910 CI 4930	3 12
	Total Hours	17	Total Hours	15

Integrated Language Arts

Pre-professional Education – 12 hours
 EDU 1700

ETPT 2020
 SPED 2040
 TSOC 3000

Professional Education – 44 hours

CI 3240 and CI 3110
 CI 4130
 CI 4150 and 4190
 CI 4320
 CI 4440
 CI 4490
 EDP 3200
 CI 4910 and 4930
 3000-4000 Education elective

Language Arts Content 40-44 hours

ENGL 2010, 3600, 3610, 3150, 3770, 3790, 3810 and 4090
 Choose one of the following – ENGL 3010, 3050, 3800, 4030, 4070 or 4080
 Choose one of the following – COMM 2100, 2150, 2600 or 3610
 COMM 3830 and 4110
 ENGL elective(s) at 4000 level

Below is a sample curriculum for the Integrated Language Arts Education program. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	ENGL 1110 College Composition I MATH 1180 Math for the Liberal Arts EDU 1000 Orientation to Education UT Core UT Core UT Core	3 3 1 3 3 3	ENGL 1130 College Composition II EDU 1700 Introduction to Education ETPT 2020 Multi-Media – Ed Environment UT Core UT Core	3 3 3 3 3
	Total Hours	16	Total Hours	15
Year 2	ENGL 3790 Critical Approaches to Lit ENGL 2010 Advanced Composition SPED 2040 Persp. in Field Exceptionalities UT Core COMM 2100 News Writing	3 3 3 3 3	ENGL 3810 Shakespeare I ENGL 4090 Current Writing Theory TSOC 3000 Schooling & Democratic Society ENGL 3150 Linguistic Principles COMM 3830 Debate and Forensics	3 3 3 3 4
	Total Hours	15	Total Hours	16
Year 3	ENGL 3600 American Literary Masterpieces ENGL 3010 Creative Writing ENGL 4000 level English Elective UT Core 3000-4000 level Edu. Elective CI 4490 Reading in Content Area	3 3 3 3 3 3	ENGL 3610 ENGL 3770 World Literature and Cultures CI 4440 Issues in Ling, Writing and Grammar EDP 3200 Applied Psych CI 3240 Best Practices in Middle Level Teaching CI 3110 Secondary Field Experience I	3 3 3 3 3 2
	Total Hours	18	Total Hours	17
Year 4	CI 4150 Teaching Methods for Sec English CI 4190 Secondary Field Experience II CI 4130 Teaching in Urban Communities COMM 4110 HS Publications CI 4320 Literature for Young Adults	3 3 3 3 3	CI 4910 Internship Seminar CI 4930 Internship/Student Teaching	3 12
	Total Hours	15	Total Hours	15

Integrated Social Studies

Pre-professional Education – 12 hours

EDU 1700
 ETPT 2020
 SPED 2040
 TSOC 3000

Professional Education – 38 hours

- CI 3420 and CI 3110
- CI 4130
- CI 4180 and 4190
- CI 4490
- CI 4720
- EDP 3200
- CI 4910 and 4930

Social Studies Content – 61 hours

- U.S. History
- HIST 2000, 2010, 2020, 1050, 1060

Select two:

- HIST 3310, 3250, 3260, 3290, 3330, 3480, 3600

Non U.S. History – Select two:

- HIST 1070, 2040, 3210, 3540, 3550, 3630, 3640, 4010, 4020, 4470, 4720, 4740, ARTH 3250, 3300

Related Social Studies Content

- ANTH 2800
- ECON 1150
- ECON 1010
- GEPL 2010 and 4040
- PSC 1200
- PSC 2300 and 2700
- PSY 1010
- SOC 4580
- SOC 4800

Below is a sample curriculum for the Integrated Social Studies Education program. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	EDU 1000 Orientation to Ed ENGL 1110 College Comp I Math 1180 Math for Liberal ETPT 2020 Multimedia in Ed. UT Core	1 3 3 3 6	EDU 1700 Introduction to Ed ENGL 1130 College Comp II HIST Content Courses UT Core	3 3 9 3
	Total Hours	16	Total Hours	18
Year 2	SPED 2040 Ed Stu with Disabilities HIST Content Courses UT Core	3 12 3	EDP 3200 Applied Psych HIST Content Courses	3 12
	Total Hours	18	Total Hours	15
Year 3	TSOC 3000 Schooling and Democratic Society HIST related Content Courses CI 4490	3 12 3	CI 3240 Best Practices CI 3110 Secondary Field Exp I CI 4720 Issues in Social Studies HIST related Content Courses	3 2 3 9
	Total Hours	15	Total Hours	17
Year 4	CI 4130 Teaching in Urban Commun CI 4180 Teaching Methods in Social CI 4190 Secondary Field Exp II HIST Content Courses	3 3 3 6	CIEC 4930 Student Teaching CIEC 4900 Student Teaching Seminar	12 3
	Total Hours	15	Total Hours	15

Multiage Education
Multiage Visual Arts Education

Programs in art education and music education are housed in other College of Visual and Performing Arts. 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

Pre-Professional Education – 18 hours

- EDU 1700
- SPED 2040
- AED 3100 or 4150
- ETPT 2020
- EDP 3200
- EDP 3230

Professional Education – 32 hours

- AED 3500 and 4450
- AED 4200 or 4950
- AED 4900 and 4930
- CI 4490
- TSOC 3000
- AED 4140

Art Foundations Core – 13 hours

- ARS 1000
- ART 1080, 1090, 1050, 1060

Studio Art Core – 18 hours

- ART 2010, 2110
- ART 2300, 2210
- ART 2200, 2030

Art History Core – 12 hours

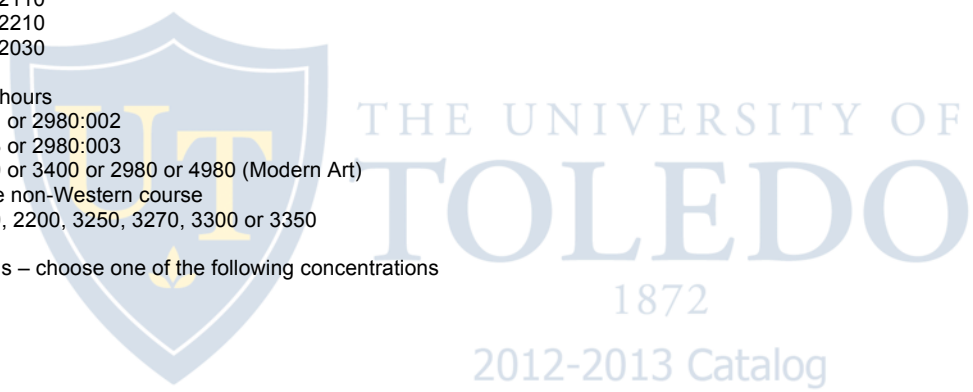
- ARTH 2001 or 2980:002
- ARTH 2003 or 2980:003
- ARTH 2080 or 3400 or 2980 or 4980 (Modern Art)
- Choose one non-Western course
- ARTH 2100, 2200, 3250, 3270, 3300 or 3350

Area of Concentrations – choose one of the following concentrations

- Art History
- Arts
- Studio
- New Media

New Media Concentration – 12 hours

- ART 2020, 3000
- Choose two electives
- ART 3000, 3010, 4010, 4020



Below is a sample curriculum for the Visual Art Education program. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	ARS 1000 ART 1080 Math 1180 Math for Liberal ENGL 1110 ART 1050 UT Core	1 3 3 3 3 3	ART 1090 ART 1060 ARTH 2050 ETPT 2020 ENGL 1150	3 3 3 3 3
	Total Hours	16	Total Hours	15
Year 2	ART 2210 ART 2300 ART 2010 ARTH 2003 ARTH 2080 EDU 1700	3 3 3 3 3 3	ART 2200 ART 2110 ART 2030 SPED 2040 Art Concentration Elective UT Core	3 3 3 3 3 3
	Total Hours	18	Total Hours	18

Year 3	AED 4450	3	AED 3500	3
	AED 3100	3	AED 4200	3
	EDP 3200	3	EDP 3230	3
	ARTH Nonwestern Course	3	TOSC 3000	3
	ART Concentration Elective	3	CI 4490	3
	UT Core	3	UT Core	3
	Total Hours	18	Total Hours	18
Year 4	AED 4140	3	CIEC 4930:001 Student Teaching	6
	ART Concentration Elective	3	CIEC 4930:002 Student Teaching	6
	ART Concentration Elective	3	CIEC 4900 Student Teaching Seminar	2
	UT Core	3		
	UT Core	3		
	Total Hours	15	Total Hours	14

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>

University Core and General Education – 30 hours minimum (including MUS 2220 or 2250)

Pre-professional Education – 12 hours

ARS 1000:009

EDP 3200

MED 3000

SPED 2040

TSOC 3000

Professional Education – 28 hours

CI 4490

EDP 3230

MED 3300, 3310 and 3320

MED 4900 and MED 4930

Content Area – 47 hours

MUS 1000, 1010, 1100, 1100, 1570, 1580, 1610, 1620, 1800, 2410, 2610, 2620, 2800, 3410, 3420, 3500, 3800, 3810

All Majors must:

1. Perform a senior recital (MUS 3810) prior to student teaching
2. Attend 16 non-departmental concerts/recitals and 64 departmental concerts/recitals and complete one credit of registration in a chamber ensemble MUS 3050
3. 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 – 26 hours

MUS 1500, 1510, 1530, 1550, 2570, 3050, 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 1-111/1v.

Choral/General Elective Cluster – 22 hours

MUS 1530, 2530, 2540, 2570, 2580, 3050, 3510 and 3550

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

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 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 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.

Below is a sample curriculum for the Music Education program. Sample curriculum is subject to change. Please consult the department for up-to-date information.

Choral/General Elective Cluster

	Fall Semester		Spring Semester	
Year 1	MUS 1000 MUS 1010 MUS 1570 MUS 1610 MUS 1800 MUS 2530 MUS (see list) ARS 1000 Core Curriculum Class Math 1180 or higher Core Curriculum Class (MUS 2220 or 2250) Core Curriculum Class	0 0 1 4 2 1 1 1 3 3 3	MUS 1000 MUS 1010 MUS 1580 MUS 1620 MUS 1800 MUS 2540 MUS 1100 MUS (see list) Core Curriculum Class Core Curriculum Class Core Curriculum Class	0 0 1 4 2 1 1 1 3 3 3
	Total Hours	18/19	Total Hours	18
Year 2	MED 1010 MED 3000 MUS 1000 MUS 1010 MUS 1560 MUS 2570 MUS 2610 MUS 2800 MUS (see list) Core Curriculum Class If not taken freshman year: MUS 2530 MUS 1100	0 2 0 0 3 1 4 2 1 3 1 1	EDP 3200 MED 1010 MUS 1000 MUS 1010 MUS 2410 MUS 2580 MUS 2620 MUS 2800 MUS (see list) Core Curriculum Class MUS 2540	3 0 0 0 3 1 4 2 1 3 1 1
	Total Hours	17/18	Total Hours	17/18
Year 3	CI 4980 *EDP 3230 MED 1010 MUS 1000 MUS 1010 MUS 3410 MUS 3500 MUS 3800 MUS (see list) Core Curriculum Class	3 3 0 0 0 3 2 2 1 3	MED 1010 *MED 3300 *MED 3310 MUS 1000 MUS 1010 MUS 3420 MUS 3510 MUS 3550 MUS 3800 MUS (see list)	0 3 3 0 0 3 2 3 2 1
	Total Hours	17	Total Hours	17
Year 4	MED 1010 *MED 3320 MUS 1000 MUS 1010 MUS 3810 MUS 4800 MUS (see list) *TSOC 3000 *SPED 4020 Core Curriculum Class	0 3 0 0 1 2 1 3 2 3	*MED 4930 *MED 4930 *MED 4900	6 6 1
	Total Hours	15	Total Hours	13

Instrumental General Elective Cluster

	Fall Semester		Spring Semester	

Year 1	MUS 1000 MUS 1010 MUS 1570 MUS 1610 MUS 1800 MUS (see list) ARS 1000 Core Curriculum Class Math 1180 or higher Core Curr Class (MUS 2220 or MUS 2250) Core Curriculum Class	0 0 1 4 2 1 1 3 3 3	MUS 1000 MUS 1010 MUS 1580 MUS 1620 MUS 1800 MUS (see list) MUS 2410 MUS 1100 Core Curriculum Class Core Curriculum Class	0 0 1 4 2 1 3 1 3 3
	Total Hours	18	Total Hours	18
Year 2	MED 1010 MED 3000 MUS 1000 MUS 1010 MUS 1500/1530/1550/2500 (select one) MUS 2570 MUS 2610 MUS 2800 MUS (see list) MUS 3410 Core Curriculum Class	0 2 0 0 2 1 4 2 1 3 3	EDP 3200 MED 1010 MUS 1000 MUS 1010 MUS 1500/1530/1550/2500 (select one) MUS 2620 MUS 2800 MUS (see list) MUS 3420 Core Curriculum Class	3 0 0 0 2 4 2 1 3 3
	Total Hours	18	Total Hours	18
Year 3	MED 1010 MUS 1000 MUS 1010 MUS 1500/1530/1550/2500 (select one) MUS 3500 MUS 3800 MUS (see list) SPED 4020 Core Curriculum Class Core Curriculum Class Core Curriculum Class	0 0 0 2 2 1 1 2 3 3 3	MED 1010 *MED 3300 *MED 3310 MUS 1000 MUS 1010 MUS 1500/1530/1550/2500 (select one) MUS 3510 MUS 3630 MUS 3800 MUS (see list)	0 3 3 0 0 2 2 3 2 1
	Total Hours	18	Total Hours	16
Year 4	*CI 4980 *EDP 3230 MED 1010 *MED 3320 MUS 1000 MUS 1010 MUS 3580 MUS 3810 MUS 4800 MUS (see list) *TSOC 3000	3 3 0 3 0 0 2 1 2 1 3	*MED 4930 *MED 4930 *MED 4900	6 6 1
	Total Hours	17	Total Hours	13

Multiage Health Education

Students who complete the health education major are licensed to teach health education PreK-12. Student may complete a second degree (e.g., B.Ed. in community health) or a second track (e.g., athletic training) 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.

Single degree – B.Ed.

Students interested in combinations with other majors or a dual degree option should see the chair of the department of health professions.

University Core and General Education – 33 hours

Pre-professional Education – 23 hours

EDU 1700
 ETPT 2020
 EDP 3200 and 3230
 HEAL 2000 and 2900
 TSOC 3000
 SPED 2040
 Professional Education – 15 hours
 CI 4490
 HEAL 4300, 4350, 4600 and 4100

Student Teaching – 14 hours
 HEAL 4920 and 4930

School Health Content – 34 hours
 HEAL 1500, 2500, 2600, 2700, 3300, 3600, 3700, 4400 and 4700
 KINE 2560/2460 and 2570/2470

Electives – 13-19 hours

Below is a sample curriculum for the Health Education program. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	EDU 1000 ENGL 1110 MATH 1180 HEAL 2500 University Core Curriculum	1 3 3 3 6	EDU 1700 ENGL 1130, 1140, 1150, 2950, 2960 ETPT 2020 University Core	3 3 3 6
	Total Hours	16	Total Hours	15
Year 2	HEAL 2000 HEAL 2900 KINE 2460 KINE 2570 HEAL 2600 Elective	3 2 1 3 3 3	HEAL 1500 HEAL 3300 KINE 2470 KINE 2570 University Core	2 3 1 3 6
	Total Hours	15	Total Hours	15
Year 3	HEAL 3600 HEAL 3700 EDP 3200 Elective Hours	3 3 3 6	EDP 3230 TSOC 3000 University Core Curriculum HEAL 2700 Electives	3 3 3 3 3
	Total Hours	15	Total Hours	15
Year 4	HEAL 4100 HEAL 4400 HEAL 4700 SPED 2040 Elective	3 3 3 3 3	HEAL 4300 HEAL 4350 HEAL 4600 CI 4490 Elective	4 2 3 3 3
	Total Hours	15	Total Hours	15
Year 5	HEAL 4920 HEAL 4930	2 12		
	Total Hours	14		

Multiage Foreign Languages Education

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

University Core and General Education – 33 hours

French Education

Pre-professional Education – 18 hours

EDU 1700
 ETPT 2020
 EDP 3200 and 3230
 SPED 2040
 TSOC 3000

Professional Education – 33 hours

CI 4130
 CI 4140 and 4190 (courses are taken concurrently)
 FREN 4160
 CI 4490
 CI 4430, 4910 and 4930 (courses are taken concurrently)

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, 4410, 4510, 4610, 4710, 4720, 4810, 4820, 4850
 FREN 4860 4910, 4950, 4980 (Others at discretion of the French faculty of the department of foreign languages.)

Additional Electives – 10-12 hours

Elective hours to meet 128-hour graduation requirement

Additional Requirements for Dual Degree Option – B.A. in French – 20 hours

Natural science course(s)
 Social science course(s)
 Language and literature electives

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

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 language and literature adviser. Two courses must be from your content area.

Below is a sample curriculum for the French Education program. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	EDU 1000 ENGL 1110 MATH 1180 FREN 2140 University Core University Core	1 3 3 3 3 3	ENGL 1130 FREN 2150 ETPT 2020 University Core University Core	3 3 3 3 3
	Total Hours	16	Total Hours	15
Year 2	FREN 3010 FREN 3210 EDU 1700 EDP 3200 TSOC 3000 GERM elective	3 3 3 3 3 3	FREN 3020 FREN3220 EDP 3230 University Core FREN elective	3 3 3 3 3
	Total Hours	18	Total Hours	15
Year 3	FREN3410 FREN 4010 SPED 2140 FREN 4160 General elective	3 3 3 3 3	FREN 3420 FREN 4020 University Core University Core FREN elective	4 3 3 3 3
	Total Hours	15	Total Hours	16
Year 4	CI 4140 CI 4190	3 3	CI 4430 CI 4910	3 3

	CI 4130 CI 4490 FREN elective	3 3 3	CI 4930	12
		Total Hours 15		Total Hours 18

German Education

Pre-professional Education – 18 hours

EDU 1700
ETPT 2020
EDP 3200 and 3230
SPED 2040
TSOC 3000

Professional Education – 33 hours

CI 4130
CI 4140 and 4190 (courses are taken concurrently)
GERM 4160
CI 4490
CI 4430, 4910 and 4930 (courses are taken concurrently)

Professional Education – 33 hours

CI 4130
CI 4140 and 4190 (courses are taken concurrently)
GERM 4160
CI 4490
CI 4430, 4910 and 4930 (courses are taken concurrently)

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
GERM 4870, 4900, 4910, 4980, or 4990
Others at the discretion of the German faculty of the department of foreign languages.

Additional Electives – 10-12 hours

Elective hours to meet 128-hour graduation requirement

Additional Requirements for Dual Degree Option – B.A. in German – 20 hours

Natural science course(s)
Social science course(s)
Language and literature electives

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

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 language and literature adviser. Two courses must be from your content area.

Below is a sample curriculum for the German Education program. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	EDU 1000 ENGL 1110 MATH 1180 GERM 2140 University Core University Core	1 3 3 3 3 3	ENGL 1130 GERM 2150 ETPT 2020 University Core University Core	3 3 3 3 3
	Total Hours	16	Total Hours	15
Year 2	GERM 3010 GERM 3410 EDU 1700	3 3 3	GERM 3020 GERM 3420 EDP 3230	3 3 3

	EDP 3200 TSOC 3000 GERM elective	3 3 3	University Core GERM elective	3 3
	Total Hours	18	Total Hours	15
Year 3	GERM 4010 GERM 4160 SPED 2140 GERM elective General elective	3 3 3 3 3	GERM 4020 GERM 3200 University Core University Core GERM elective	4 3 3 3 3
	Total Hours	15	Total Hours	16
Year 4	CI 4140 CI 4190 CI 4130 CI 4490 GERM elective	3 3 3 3 3	CI 4430 CI 4910 CI 4930	3 3 12
	Total Hours	15	Total Hours	18

Spanish Education

Pre-professional Education – 18 hours

EDU 1700
ETPT 2020
EDP 3200 and 3230
SPED 2040
TSOC 3000

Professional Education – 33 hours

CI 4130
CI 4140 and 4190 (courses are taken concurrently)
GERM 4160
CI 4490
CI 4430, 4910 and 4930 (courses are taken concurrently)

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
SPAN 3210 or 3270
Literature II – choose one from group
SPAN 3220 or 3280
Civilization – choose one from group
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
SPAN 4410, 4430, 4710, 4720, 4810, 4820, 4830, 4980 or 4910

Additional Electives

Elective hours to meet 128-hour graduation requirement

Additional Requirements for Dual Degree Option – B.A. in Spanish – 20 hours

Natural science course(s)
Social science course(s)
Language and literature electives

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

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 language and literature adviser. Two courses must be from your content area.

Below is a sample curriculum for the Spanish Education program. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	EDU 1000 ENGL 1110 MATH 1180 SPAN 2140 University Core University Core	1 3 3 3 3 3	ENGL 1130 SPAN 2150 ETPT 2020 University Core University Core	3 3 3 3 3
	Total Hours	16	Total Hours	15
Year 2	SPAN 3000 EDU 1700 EDP 3200 TSOC 3000 SPAN elective	3 3 3 3 3	SPAN 3210 SPAN 3010 EDP 3230 University Core SPAN elective	3 3 3 3 3
	Total Hours	15	Total Hours	15
Year 3	SPAN 3320 SPAN 3020 SPAN 4120 SPED 2140 SPAN elective General elective	3 3 3 3 3 3	SPAN 4010 SPAN 3410 University Core University Core SPAN elective	4 3 3 3 3
	Total Hours	18	Total Hours	16
Year 4	CI 4140 CI 4190 CI 4130 CI 4490 SPAN elective	3 3 3 3 3	CI 4430 CI 4910 CI 4930	3 3 12
	Total Hours	15	Total Hours	18

Career and Technical Education Non-Degree (Licensure Only)

Courses in career and technical education 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.

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 Judith Herb 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 License after having completed the following requirements.

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

Department of Criminal Justice and Social Work

Degree Programs

Bachelor of Science in Criminal Justice
 Minor in Criminal Justice
 Minor in Forensic Science Investigation
 Bachelor of Social Work

Bachelor of Science in Criminal Justice

The Bachelor of Science (B.S.) degree in criminal justice is designed to prepare students to enter law enforcement, corrections, probation, parole, private security, juvenile justice and related careers. In addition, the B.S. program provides preparation for students who wish to attend graduate school in criminal justice, a related field, or law school.

The undergraduate curriculum consists of a liberal arts core, criminal justice core and electives, general electives and supporting courses from related disciplines to form an understanding of justice (e.g., political science, public administration, sociology, history, business and social work). Because good communication and computer skills are important to the criminal justice professional and to students planning to attend graduate or law school, courses in writing, speaking and computer use are parts of the curriculum. The faculty is committed not only to teaching about criminal justice systems, but also to challenging students to explore the concept of justice and to develop their own ethical paradigms. Accordingly, course work in ethics is required. Faculty members also emphasize the development of critical thinking, analytical and problem-solving skills in their instruction.

Requirements for the Bachelor of Science in Criminal Justice

Student should follow and complete the degree requirements as displayed in the criminal justice program of study chart.

Requirement	Hours
University core courses	34
Criminal justice required courses	39
Criminal justice elective courses	12
Computer science/applications courses	3
General electives	36
Minimum total hours	124
Minimum hours at 2000/4000 level	64
Minimum hours at 3000/4000 level	32
Minimum GPA	2.0

Below is a sample curriculum for the Bachelor of Science in Criminal Justice. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	ENGL 1110 or 1110 College Composition I PSY 1010 Principals of Psychology CRIM 1010 Criminal Justice CRIM 1040 Human Relations HHS 1000 Freshman Orientation Computer Science Course Total Hours	3 3 3 3 1 3 16	CRIM 1110 Penology CRIM 1240 Policing PSC American National Government SOC 1010 Intro to Sociology MATH 1180 Math for Liberal Arts (or higher) Total Hours	3 3 3 3 3 15
Year 2	CRIM 2200 Criminal Law CRIM 2230 Constitutional Law ENGL 1130 or College Comp II (or higher) Humanities/Fine Arts Course Elective Total Hours	3 3 3 3 3 15	CRIM 2150 Applied Psy and Crim CRIM 2250 Juvenile Justice Humanities/Fine Arts Course Natural Science Course Elective Total Hours	3 3 3 3 3 15
Year 3	CRIM Electives Natural Science Course Multicultural Course Electives Total Hours	6 3 3 6 18	CRIM 4100 Research Methods in Crim Justice CRIM Elective Electives Total Hours	3 3 9 15
Year 4	CRIM 4200 Ethics in Criminal Justice CRIM 4590 Adm of Criminal Justice Electives Total Hours	3 3 9 15	CRIM 4300 Theories of Criminal Justice CRIM Elective Electives Multicultural Course Total Hours	3 3 6 3 15

Courses are available in the summer. Students should consult an academic adviser or the summer course schedule to develop a program of study that includes summer courses. Please note that CRIM 4590 is a capstone class required to be taken at The University of Toledo.

Minor in Criminal Justice

The minor in criminal justice designed to give the student an overview of the criminal justice discipline; it includes an introductory course and a foundational course in each of the four areas recommended by the Academy of Criminal Justice Sciences (i.e., penology, policing, constitutional law and juvenile justice). The remaining six hours give the student freedom to explore areas of interest in criminal justice.

Required	Hours
CRIM 1010 Criminal Justice	3
CRIM 1110 Penology	3
CRIM 1240 Policing	3
CRIM 2230 Constitutional Law	3
CRIM 2250 Juvenile Justice	3
CRIM Electives at the 3000/4000 level	6

Minor in Forensic Science Investigation

The minor in forensic science investigation is designed to provide an overview of the importance of forensic science evidence in the criminal justice system. Students learn about the rules and procedures of evidence pertaining to admissibility of scientific and physical material; the basic methods of collection, preservation and analysis of evidence; and the methods of presentation of evidence in court.

This minor is designed for students planning to work for law enforcement agencies to better understand the importance and types of forensic science evidence in criminal investigations. It is not designed for students who plan to work in a crime laboratory or in jobs requiring in-depth scientific analysis of evidence. Those students interested in forensic science will need to obtain a degree (preferably at the graduate level) in the natural sciences.

Required*	Hours
BIOL 2020 Mammalian Form and Function	4
BIOL 2170 Fundamentals of Life Science II	4
BIOL 2180 Fundamentals of Life Science II Lab	1
CHEM 1100 Concepts in Chemistry	3
CHEM 1150 Concepts in Chemistry Lab	1
CRIM 2210 Criminal Investigation I	3
CRIM 2220 Laws of Evidence	3
CRIM 3290 Criminal Investigation II	3
CRIM 4940 Criminal Justice Internship	3

*Students will be responsible for meeting all of the prerequisites and corequisites for the required courses in the minor.

Prelaw Studies

No particular degree is required for admission to law school, but students interested in studying law should have good communication, logic and analytical skills and possess a fundamental understanding of government. The criminal justice discipline, as well as other majors, provides good preparation for law school. Several faculty members in the department are graduates of law schools and are available for advising. Contact the department office for information.

Bachelor of Social Work

The social work program offers a bachelor of social work degree. The undergraduate social work program is fully accredited by the Council on Social Work Education and prepares students for entry into the beginning level of professional social work practice as generalist social workers who work in a variety of system sizes with various population groups. Graduates of the program meet the educational requirements for licensing at the Licensed Social Worker (LSW) level in the state of Ohio.

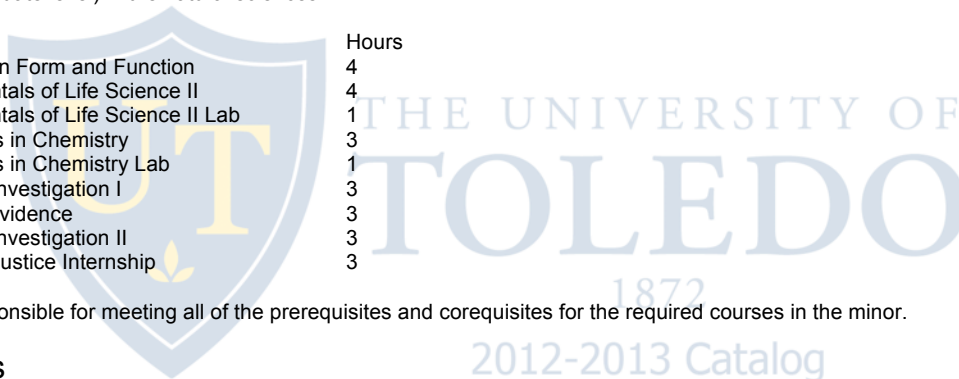
Admission Requirements

Freshmen entering The University of Toledo with the intent of majoring in social work should declare presocial work as their major until they complete the requirements to apply to the social work program and have been accepted to the social work program. Prior to applying to the social work program, the student must have:

- Completed 30 semester hours of course work;
- Minimum UT GPA of 2.25; and
- Completed SOCW 1030, 2010 and 2210 with a minimum major GPA of 2.5 and a grade no less than C in each of these social work courses.

Admission to the social work program is selective. Students will not be permitted to enroll in social work courses at the 3000 level or higher unless they have been admitted to the social work program. Applications are available from advisers.

Degree Requirements



Students should follow and complete the degree requirements as displayed in the social work program degree chart. Social work students enroll in BIOL 1120 as part of the natural science requirements of the Judith Herb College of Education, Health Science and Human Service. Students may not take P/NC in major courses or related courses, except SOCW 4220.

Below is a sample curriculum for the Bachelor of Social Work. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	ENGL 1110 or 1110 College Composition I SOC 1010 Intro to Sociology MATH 1180 Mathematics for Liberal Arts SOCW 1030 Intro to Social Welfare Humanities/Fine Arts Elective HHS 1000 Freshman Orientation	3 3 3 3 1 1	ENGL 1130 or higher College Comp II BIOL 1120 Survey of Biology PSY 1010 Principles of Psychology CMPT 1100 Comp Inform Applications General Elective	3 3 3 3 4
	Total Hours	16	Total Hours	16
Year 2	PSC 1200 American National Government SOCW 2010 Survey of SW Profession PSY 2510 Lifespan Dev Psychology Natural Science Course Elective	3 3 3 3 4	ECON 1010 Intro to Economic Issues ANTH 2100 Human Society thru Film or ANTH 2800 Cultural Anthropology SOCW 2210 SW Field Experience I Humanities/Fine Arts Elective Electives	3 3 3 3 3 3
	Total Hours	16	Total Hours	15
Year 3	SOCW 3110 Social Work Practice I SOCW 3240 Human Behav – SocEnvnt I SOCW 3300 Social Policy and Legislation HIST 3250 or 3260 or 3310 or 4430 SOC 3290 or PSC 3110 or PSY 2100 or RESM 4100	3 3 3 3 3	SOCW 3120 Social Work Interviewing SOCW 3250 Human Behavior – Socenvnt II Humanities Elective WGST Elective SOCW Elective	4 3 3 3 3
	Total Hours	15	Total Hours	16
Year 4	SOCW 4010 Social Work Research SOCW 4120 SW Practice II SOCW 4200 Field Lab II SOCW 4220 Field II SOC, PSY, WGST, AFST, DST Elective	3 3 1 5 3	SOCW 4130 SW Practice III SOCW 4210 Field Lab III SOCW 4230 Field III SOC 4660 Racial/Ethnic Minorities/US or SOC 4670 African Americans in US Elective	3 1 5 3 3
	Total Hours	15	Total Hours	15

Entry to SOCW 4120, 4130, 4200, 4210, 4220 and 4230 require senior standing, a minimum overall GPA of 2.25, a minimum major GPA 2.5, a grade of C or better in all major courses and permission of the field director.

Departmental Honors in Social Work

Qualified juniors and seniors may apply to work for honors in social work. The following are requirements for admission to the honors program in social work:

- Minimum GPA of 3.3 in social work courses
- Minimum cumulative GPA of 3.0
- 12 hours completed work in social work, and
- Qualification as a social work major.

After being admitted to the Honors Program in social work, the student must complete nine hours of independent work in social work. During the final semester before graduation, the student must pass a comprehensive examination or complete a research project. The honors topic and research project are to be developed in close conjunction with a faculty adviser. Students should discuss their special interests with faculty members or with an adviser who will help identify an appropriate faculty member to guide the honors work.

Department of Health and Recreation Professions

Degree Programs

- Bachelor of Science in Public Health
- Bachelor of Education in School Health Education

Bachelor of Science Health Care Administration
 Bachelor of Science Health Information Administration
 Bachelor of Science Recreation & Leisure Studies
 Bachelor of Science Recreational Therapy

Undergraduate programs related to health and recreation professions are found in this department. Programs include academic course work and practical experiences designed to develop the knowledge and skills necessary for entry into professional careers.

Health Professions Programs Public Health

The community health program is designed to prepare students to work in non-profit health organizations, in local, state and national government health agencies, or in worksite wellness.

Bachelor of Science in Public Health Degree Requirements

Students should follow and complete the degree requirements as displayed in the community health program of study chart. In addition, students should complete the following requirements.

Natural Science Courses – 26 hours	Hours
Seven hours used to satisfy University core	
BIOL 2150 Fundamentals of Life Sciences I	4
BIOL 2160 Fundamentals of Life Sciences Lab I	1
CHEM 1120 Chemistry for Health Sciences	4
KINE 2590 Microbiology & Infections Diseases	3
KINE 2510 Human Anatomy	3
KINE 2520 Human Anatomy Lab	1
KINE 2530 Human Physiology	3
KINE 2540 Human Physiology Lab	1
KINE 3520 Applied Exercise Physiology	3
KINE 3530 Applied Exercise Physiology Lab	1
KINE 3730 Fitness Assessment and Programming	2

Social Sciences – 6 hours	Hours
Choose two courses from the following:	
ANTH 4760 Medical Anthropology	3
PSC 2300 Principles of State & Local Government	3
PSC 4350 Health Care Delivery Systems	3
PSY 2200 Abnormal Psychology	3
PSY 2700 Social Psychology	3
SOC 1750 Social Problems (may satisfy core soc. sci.)	3
SOC 4100 Community Organizing & Development	3
SOC 4160 Health & Gender	3
SOC 4660 Medical Sociology	3
SOC 4660 Racial & Ethnic Minorities	3
SOC 4730 Social Psychiatry	3

Skill for Community Health – 9-10 hours	Hours
Choose three courses from the following:	
CMPT 1400 Dreamweaver Web Page Development	2
CMPT 1410 Microsoft Excel Spreadsheet Application	2
CMPT 1420 Microsoft Access Database Applications	2
CMPT 1440 Microsoft PowerPoint Presentation	2
CMPT 1600 Internet Design & Publishing	3
COMM 2000 Mass Communication and Society	3
COMM 2600 Public Presentations	3
EDP 4330 Behavior Management	3
TSOC 4100 Group Processes in Education	3

Below is a sample curriculum for the Bachelor of Science in Public Health. Sample curriculum is subject to change. Please consult the department for up-to-date information. At least 124 semester hours are required for graduation.

	Fall Semester		Spring Semester	
Year 1	ENGL 1110 or 1110 College Composition I	3	ENGL 2950 Science Technical Report Writing	3
	HEAL 2000 Foundations for Health Ed	3	CHEM 1120 Chemistry for Health Sciences	4
	MATH 1180 Mathematics for Liberal Arts	3	BIOL 2150 Fundamentals of Life Sciences	4
	Multicultural Elective	3	BIOL 2160 Fundamentals of Life Sciences Lab	1

	Humanities/Fine Arts Elective HHS 1000 Freshman Orientation	3 1	SOC 1750 Social Problems	3
	Total Hours	16	Total Hours	15
Year 2	KINE 2510 Human Anatomy KINE 2520 Human Anatomy Lab HEAL 2750 Intro to Epidemiology HEAL 2700 Public Health Skills/Comm Health Elective Humanities/Fine Arts Elective	3 1 3 3 3 3	KINE 2530 Human Physiology KINE 2540 Human Physiology Lab HEAL 2400 General Safety HEAL 2940 Practicum in Community Health Multicultural Elective Skills/Comm Health Elective	3 1 3 1 3 4
	Total Hours	16	Total Hours	15
Year 3	HEAL 3000 Global Health HEAL 3500 Environmental Health KINE 3520 Applied Exercise Physiology KINE 3530 Applied Exercise Physiology Lab Social Science Core Elective Elective	3 3 3 1 3 3	HEAL 3600 Prev/Control of Disease HEAL 4100 Health Behavior HEAL 4800 Public Health Research /Stats KINE 3730 Fitness Assessment/Program Skills/Comm Health Elective Health Elective	3 3 3 2 3 3
	Total Hours	16	Total Hours	17
Year 4	HEAL 4200 Methods/Materials in Com Health HEAL 4700 Nutritional Science HEAL Health Elective Social Science Support Elective Elective	3 3 3 3 3	HEAL 4940 Senior Field Experience KINE 2590 Micro and Infectious Disease Social Science Support Elective	9 3 3
	Total Hours	15	Total Hours	15

Health Education Pre-K-12

Students who complete the health education major will be eligible for license to teach health education preK-12. See Multiage Education Programs.

Health Care Administration

The health care administration program provides students with knowledge and skills to act as health-care administrators in a variety of settings, such as hospitals, long-term care and outpatient facilities, physician offices, and public health agencies. This interdisciplinary program introduces students to managerial concepts and related skills. The health-care core courses enhance students' knowledge in a variety of related subjects, including current health issues, legislation affecting health care, and management theories and decision making, all of which are important in health care administration.

Students interested in health-care administration have several options to consider, depending on their interests. Students completing the four-year program in health care administration concurrently receive a minor in business. In addition, a concentration in long-term care administration is also available. A 2 + 2 year program is offered to individuals who hold at least an associate's degree in a health related field. These students most often have direct health-care work experience, such as nurses and respiratory therapists, who want to further their education and management expertise. Students enrolling in the 2+2 program have two options, namely, either (1) the hybrid program (combination classroom and online course) or (2) the totally online program.

Bachelor of Science in Health Care Administration Degree Requirements

Below is a sample curriculum for the Bachelor of Science in Health Care Administration. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	ENGL 1110 or 1110 College Composition I ECON 1200 Principles of Microeconomics MATH 1260 Mod. Bus. Mathematics I BUAD 1020 Micro-Comp. Applications Humanities/Fine Arts Elective HHS 1000 Freshman Orientation	3 3 3 3 3 1	ENGL 2960 Organizational Report Writing ECON 1150 Principles of Macroeconomics HEAL 1800 Medical Terminology PSY 1010 Principles of Psychology Multicultural Elective	3 3 3 3 3
	Total Hours	16	Total Hours	15
Year 2	BUAD 2040 Fin Accounting Info	3	BUAD 2050 Acct. for Bus. Decision Making	3

	KINE 2560 Anatomy & Physiology I HEAL 2800 Principles of Nutrition Multicultural Elective Program Elective	3 3 3 3	KINE 2570 Anatomy & Physiology II HCAR 3000 Intro to Health Care Administration PSY 2200 Abnormal Psychology General Elective	3 3 3 4
	Total Hours	15	Total Hours	16
Year 3	BUAD 3030 Mang & Behavioral Process BUAD 2060 Data Analysis for Business or MATH 2630 Stats for Bus & Econ Natural Science Elective HCAR 4500 Health Care Informatics Humanities/Fine Arts Elective	3 3 3 4 3	BUAD 3010 Principles of Marketing PHIL 3370 Medical Ethics HCAR 4360 Quality Improve in Health Care HURM 3220 Human Resource Mgmt Program Elective	3 3 3 3 3
	Total Hours	16	Total Hours	15
Year 4	HCAR 4510 Medical & Legal Aspects of HC HCAR 4550 Health Care Finance HIM 3200 Health Care Resources, Payers HURM 3630 Conflict Res & Negotiations General Elective	3 3 3 3 3	HCAR 4530 Problem Solving in HC Environment HCAR 4540 Internship in Health Management General Elective Program Elective	4 3 3 6
	Total Hours	15	Total Hours	16

Long Term Care Concentration is available. See adviser for proper program elective selection.

Bachelor of Science in Health Care Administration 2+2 Degree Requirements

Applied Health Care Concentration (2+2-year program)

Below is a sample curriculum for the Bachelor of Science in Health Care Administration (2+2 program). Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 3	ENGL 2960 Organizational Report Writing ECON 1200 Principles of Microeconomics HCAR 4510 Medical/Legal Aspect of Heal Care BUAD 2040 Financial Accounting Info MATH 1260 or MATH 1180	3 3 3 3 3	HCAR 4500 Health Care Info Systems ECON 1150 Principles of Macroeconomics HCAR 4360 Quality Improve in Health Care BUAD 3030 Managerial and Behavioral Process HCAR 3000 Intro to Health Care Administration	4 3 3 3 3
	Total Hours	15	Total Hours	16
Year 4	HCAR 4530 Problem Solving in Health Care HURM 3220 Intro to Human Res Management BUAD 3010 Principles of Marketing MATH 2600 Statistics, BUAD 2060 Data Analysis for Bus or HEAL 4800 Public Health 7 Res Stats Program Elective	4 3 3 3 3	HCAR 4550 Health Care Finance HCAR 4540 Internship in Health Management PHIL 3370 Medical Ethics Program Elective(s)	3 3 3 3-6
	Total Hours	16	Total Hours	12-15

University Core Curriculum requirements must be met. Electives available include HIM 3200 Healthcare Resources, Payers and Consumers – 3 hours.

Health Care Administration

Bachelor of Science in Health Information Administration

The curriculum of the Bachelor of Science degree in health information administration (HIA) encompasses a broad range of disciplines, including medicine, health, business, informatics and information management. Graduates serve in a variety of health-care managerial and administrative roles, including planning, organizing, controlling and evaluating health information systems; applying legal principles, policies, regulations and standards and analyzing their impact on risk management; and supervising personnel in various health-care settings. Health information managers are responsible for health records and must assure adequate documentation for accurate classifying and indexing of diagnoses, treatments and procedures for the purpose of planning, and reimbursement. Health information administrators are responsible for planning, engineering, workflow applications, research, reporting and policy administration.

Professional practice experience (PPE) is an integral part of the health administration curriculum. The PPE is project oriented. Students act as Project Managers, creating a proposal letter and project forms, deliverable(s), presentation, survey and follow up analysis. Sites and projects vary by location. The program accepts transfer credit that equates to UT courses from most accredited colleges and universities. Courses in HIA are online. Venture Learning provides assistance to students in the HIA program

The Health Information Administration program has been accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIM) with the Commission on Accreditation. Graduates of the HIA program at The University of Toledo are eligible to sit for the certification examination. The American Health Information Management Association (AHIMA) grants successful examination candidates recognition as Registered Health Information Administrators (RHIA).

Degree Requirements

Students should follow and complete the degree requirements. Below is a sample curriculum for the Bachelor of Science in Health Information Administration. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	ENGL 1110 or 1110 College Composition I HEAL 1800 Medical Terminology BUAD 1020 Microcomputer Applications or CMPT 1100 Computer Info Systems KINE 2560 Anatomy and Physiology I HHS 1000 Freshman Orientation	3 3 3 3 1	KINE 2570 Human Anatomy & Physiology II MATH 1180 Mathematics for Liberal Arts BMGT 1540 Organizational Behavior or BUAD 2030 Leadership and Org Sur Skills Social Science Elective Natural Science Elective	3 3 3 3 3
	Total Hours	13	Total Hours	15
Year 2	ENGL 2950 Science & Technical Report or ENGL 2960 Organizational Report Writing KINE 2580 Human Pathophysiology Social Science Elective Humanities/Fine Arts Elective Multicultural Elective	3 3 3 3 3 3	HIM 2210 Med Linguistics in Ancillary Services MATH 2600 Intro to Statistics BMGT 2020 Human Resource Mgmt. ACTG 2310 Cost Accounting in HR Multicultural Elective	3 3 3 3 3
	Total Hours	15	Total Hours	15
Year 3	HIM 3200 HC Res, Payers & Consumer HIM 3210 Acute Care Clinical Class Systems HIM 3230 HC Documentation Req Upper Division Program Support Course Humanities/Fine Arts Elective	3 3 3 3 3	HIM 3220 Ambulatory Clinical Classification HIM 3240 Health Info Admin Practices HIM 3940 Healthcare Content and Record Elective HCAR 4360 Quality Improvement – Health Care	3 4 4 3 3
	Total Hours	15	Total Hours	17
Year 4	HIM 4200 Reimbursement Methodologies HIM 4210 Healthcare Stats, Registr, Resch HIM 4260 Legal & Ethical Issues in HC HIM 4220 Project Management in HC Upper Division Program Support Course Elective (foreign language recommended)	2 3 3 3 3 3	HIM 4910 Integrative Capstone Experience HIM 4940 Professional Practice HCAR 4500 Health Care Informatics Upper Division Program Support Course Elective (foreign language recommended)	3 4 4 3 3
	Total Hours	17	Total Hours	17

Graduation requires 123-125 semester hours. Students must complete at least 64 hours at the 2000 course level or above. Students must complete at least 32 hours at the 3000-4000 course level. See department for program support course selection.

Post Baccalaureate Certificate in Health Information Administration

Degree Requirements

The post-baccalaureate certification in health information administration program requires a total of 32 credits as listed on the CHIA program of study. Prerequisites are required for two of the HIM courses. HIM 2210 Medical Linguistics requires a prerequisite of a medical terminology course; HIM 4210 Statistics, Registries and Research requires a statistical math course. Students may choose to take these prerequisites at UT or transfer equitable course credit from another accredited college/university. Students must complete 25% of the program hours and the last 12 hours at UT.

Students should follow and complete the post baccalaureate certificate requirements. Below is a sample curriculum. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester		Summer Sem
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Year 1	HIM 2210 Medical Ling in Ancillary Ser	3	HIM 3220 Ambulatory Care Clinical	3	HIM 4940 Professional Prac Exp II (Total Hours 4)
	HIM 3210 Acute Care Clinical Classif	3	HIM 3240 Health Information Admin	4	
	HIM 3230 Health care Documentation	3	HIM 4200 Reimbursement Methodol	2	
	HIM 4260 Legal and Ethical Iss in HC	3	HIM 4210 Healthcare Statistics, Regis	3	
	HCAR 4500 Health Care Informatics	4			
	Total Hours	16	Total Hours	12	

Students without a strong history in health care should consider taking HIM 3200-995 Healthcare Resources, Payers and Consumers as an elective and introductory course into the field. Additionally, anatomy and physiology and pathophysiology are beneficial to those without a strong science background.

Students lacking business or computer information management courses in their backgrounds should consider taking any of the following electives to improve your business and IT management knowledge level.

- ACTG 2310-995 Financial Management in Healthcare
- CNET 2150-995 Hardware Architecture and Management
- CMPT 1420-995 Database Management Systems Applications
- CMPT 1410-995 Electronic Spreadsheet Applications
- CMPT 2460-995 Advanced Electronic Spreadsheet Applications (CMPT 1410 prerequisite)
- BUAD 3030-995 Managerial and Behavior Processes in Organizations
- HCAR 4360-995 Quality Improvement in Healthcare

Recreation and Leisure Studies Programs

Recreation and leisure studies offer a bachelor's of science (BS) in both recreation and leisure studies (RLS) and recreational therapy (RECT). The baccalaureate RLS and baccalaureate RECT programs are accredited by the National Recreation and Park Association (NRPA).

The RLS program includes preparation as recreation and park professionals and specialization in tourism and event planning. Students graduating from the RLS program have met the educational and degree requirements to take the examination for Certified Park and Recreation Professional (CPRP) by the National Recreation & Park Association.

Students completing the RECT program may enroll in the pre-occupational therapy track. Students graduating from the RECT program have met the educational and clinical requirements to take the examination for Certified Therapeutic Recreation Specialist (CTRS) by the National Council for Therapeutic Recreation Certification.

Baccalaureate candidates in RLS may also elect to take an optional support core option for students needing specialized course work for graduate study or employment qualifications.

Bachelor of Science in Recreation and Leisure Studies

Requirements

Students enrolling in the RLS program receive an education designed to prepare them for employment in the areas of community recreation, recreation resource management, and travel, tourism and event planning.

The tourism/event planning specialization prepares students for managerial positions in industry settings such as resorts, convention centers, sport and other community events, festivals, cruise lines, theme parks, museums, multinational hotels and tour companies. The curriculum combines both theory and practice in the multidisciplinary study of tourism. Technical training is taught in workshop form to prepare interested students wishing to do wedding planning and mega sport event coordination.

Students who want to major in the RLS program enter under conditional status. The RLS student is able to enroll in University undergraduate core curriculum courses, pre-recreation and leisure studies curriculum courses, and recreation and leisure studies support curriculum courses while under conditional status.

Selective Admission Requirements

After completion of all pre-recreation and leisure studies (PRLS) curriculum courses, 33 additional credit hours from the University undergraduate core curriculum, and RLS support curriculum courses, a student is eligible to apply for acceptance into the upper division of the RLS major. Minimum requirements for admittance into the upper division of the RLS major include:

1. Student transcript
2. Completion of 48 credit hours taken from a) the University core curriculum, b) RLS support curriculum, and c) pre-recreation and leisure studies curriculum. Note: 15 of these 48 credit hours must come from the pre-recreation and leisure studies curriculum
3. Completion of all courses in the pre-recreation and leisure studies curriculum, with a no less than a "C" grade in any course
4. Completion of the recreation and leisure studies professional sequence application

Once a student is formally accepted into the upper division of the RLS program, he or she is permitted to enroll in the professional sequence curriculum courses.

Culminating Experience Requirements

After completion of all required RLS course work students are eligible to apply for the RLS senior internship. The senior internship is the final RLS curriculum requirement and is designed to provide the student with an opportunity to apply educational achievements in a practitioner setting. Minimum requirements for approval to complete the 12-hour culminating experience include:

1. Completion of all RCRT courses with no less than a "C" grade in any course
2. An accumulative GPA of no less than 2.7 for all course work completed
3. Approval to complete the senior internship

Graduation Requirements

To graduate with a degree in Recreation and Leisure Studies, a student must:

1. Complete a minimum of 124 credit hours, and
2. Complete entire RLS curriculum with no less than a "C" grade in any RCRT course.

Bachelor of Science in Recreation & Leisure Studies – Degree Requirements

Below is a sample curriculum for the Bachelor of Science in Recreation & Leisure Studies. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester		Summer Sem
Year 1	RCRT 1300 Intro to Rec & Leisure RCA 1010, 1020, 1030 Elective PSY 1010 Principles of Psychology SOC 1750 Social Problems ENGL 1110 College Comp I HHS 1000 College Orientation Total Hours	3 1 3 3 3 1	RCRT 1310 Recreation Programming Natural Science Elective MATH 1180-2600 Elective ENGL 2960 Org Report Writing Multicultural (Non US) Elective Total Hours	3 3 3 3 3	
Year 2	RCRT 2300 Rec Leadership & Gr Dyn RLS Support Electives RCA 1010, 1020, 1030 Elective HEAL 1500 First Aid Natural Science Elective Natural Science Lab Total Hours	3 3 1 2 3 1	RCRT 3310 Rec & Adapt for Spec Pro RCA 1010, 1020, 1030 Elective PSY 2510 Lifespan Developmental Psy HEAL 2500 Personal Health Humanities Elective Total Hours	3 1 3 3 3	RCRT 3940 Rec Applic Exp (Total Hours 3)
Year 3	RCRT 4330 Administration Rec & RT RCA 1010, 1020, 1030 Elective COMM 2600 Public Presentations Multicultural (US) Elective RLS Support Elective Total Hours	3 1 3 3 3	RCRT 4340 Leisure Rec & Aging BUAD 3030 Mngt & Beh Proc in Org COMM 3840 Interpersonal Commun RLS Support Elective Total Hours	3 3 4 3	RCRT 4530 Rec Policy & Leadership (Total Hours 3)
Year 4	RCRT 4430 Interpretive Services RCRT 4450 Res Appl Rec & RT GEPL Urban Environments RCA 1010, 1020, 1030 Elective RLS Support Elective Total Hours	3 3 3 1 3	RCRT 4440 Park & Rec Planning RCRT 4520 Urb Park & Open Sp Adm RCRT 4850 Internship Prep RLS RCRT 3710 Adv Prog in Rec & RT RLS Support Electives Total Hours	3 3 1 3 3	RCRT 4770 Proj Design RCRT 4930 Sr Internship RCRT 4930 Sr Internship RCRT 4780 Proj Eval RLS (Total Hours 12)

Community Recreation & Park Services (74 Hours)		Tourism & Event Planning (74 Hours)	
PSY 1010 Principles of Psychology	3	PSY 1010 Principles of Psychology	3
PSY 2510 Lifespan Developmental Psychology	3	PSY 2510 Lifespan Developmental Psychology	3
ECON 1150 Principles of Macro Economics	3	ECON 1150 Principles of Macro Economics	3
ECON 1200 Principles of Micro Economics	3	ECON 1200 Principles of Micro Economics	3
BMGT 2700 Managing Diversity in the Workplace	3	ECON 4550 Economic Development	3

BUAD 2040 Financial Accounting Information	3	BUAD 2040 Financial Accounting Information	3
BUAD 3010 Principles of Marketing	3	BMGT 2700 Managing Diversity in the Workplace	3
BUAD 3030 Mgt. & Behavioral Processes in Org.	3	BUAD 3010 Principles of Marketing	3
COMM 3840 Interpersonal Communication	4	BUAD 3030 Mgt. & Behavioral Processes in Org.	3
HEAL 1500 First-Aid	2	COMM 3840 Interpersonal Communication	4
HEAL 2500 Personal Health	3	RCRT 2200 Introduction to Travel & Tourism	3
RCA 1020 Beginning Swimming	2	RCRT 2310 Volunteerism	1
RCRT 1400 Camping & Outdoor Recreation	3	RCRT 4000 Community Event Planning	3
RCRT 2310 Volunteerism	1	RCRT 4010 Planning & promotion of Sport	3
RCRT 4000 Community Event Planning	3	RCRT 4020 Policy & Development Tourism Course	3
RCRT 4010 Planning & promotion of Sport	3	RCRT 4530 Recreation Policy & Leadership	3
RCRT 4430 Interpretive Services	3	Humanities Elective	3
RCRT 4440 Park & Recreation Planning	3	Natural Science Elective	3
RCRT 4520 Urban Park & Open Space Admin	3	Natural Science Elective	3
RCRT 4530 Recreation Policy & Leadership	3	Natural Science Lab	1
Humanities Elective	3	Select 2	
Natural Science Elective	3	GEPL 3030 Geography of Europe	3
Natural Science Elective	3	GEPL 3050 Geography of U.S. and Canada	3
Natural Science Lab	1	GEPL 3120 Geography of Asia	3
Non-US Multicultural Elective	3	GEPL 3220 Geography of Africa	3
General electives to obtain 124 credit hour minimum		GEPL 3300 Geography of Latin America	3
		General electives to obtain 124 credit hour minimum	

Recreation & Leisure Studies Minor Degree Requirements

Students seeking a minor in recreation and leisure studies must have a current GPA of 2.0 for acceptance into the minor and achieve a composite GPA of 2.0 for all RCRT course work completed, with no less than a C grade in any RCRT course. Students completing the minor in recreation and leisure studies must complete 12 credit hours of required core course work and 9 credit hours of RCRT elective course work, totaling 21 credit hours.

Core Requirements – 12 hours

- RCRT 1300 Introduction to Recreation & Leisure
- RCRT 1310 Recreation Programming
- RCRT 2300 Recreation Leadership & Group Dynamics
- RCRT 3310 Recreation & Adaptation for Special Populations

Elective Requirements – 9 hours

Students may meet the elective requirements of the minor in Recreation and Leisure Studies by completing three courses from the following:

RCRT 3940	Recreation Application Experience	Summer Semester Only
RCRT 3710	Adventure Programming in Recreation & Recreational Therapy	
RCRT 4330	Administration in Recreation & Recreation Therapy	
RCRT 4340	Leisure Recreation & Aging	
RCRT 4430	Interpretive Services	Fall Semester Only
RCRT 4440	Park & Recreation Planning	Spring Semester Only
RCRT 4450	Research Application in recreation & Recreation Therapy	Fall Semester Only
RCRT 4520	Urban Park & Open Space Administration	Spring Semester Only
RCRT 4530	Recreation Policy & Leadership	Summer Semester Only

University of Toledo/Bowling Green State University Collaborative Opportunities

Students enrolled in recreation and leisure studies at Bowling Green State University have the option of completing coursework in recreational therapy through the University of Toledo's recreation and leisure studies program. Completion of recreational therapy coursework provided at the University of Toledo qualifies students to sit for the Certified Therapeutic Recreation Specialist (CTRS) examination.

Students enrolled in recreation and leisure studies at the University of Toledo interested in tourism have the option to design an individualized support curriculum for completing course work in tourism through Bowling Green State University's Division of Sport Management, Recreation and Tourism.

Individualized Degree Option

Students may elect to develop an individualized support curriculum designed to provide an opportunity to take specific course work in pursuit of specialized areas of employment in recreation or recreation-related field or to meet specific prerequisite requirements for graduate study.

The individualized degree option requires 23 credit hours of program electives. Course selections must be approved by a student's faculty adviser and the department chairperson. The individualized degree option is designed by both the student and his/her faculty adviser and is taken in place of RLS support curriculum courses.

Bachelor of Science in Recreation Therapy

Requirements

This program meets professional standards set by the National Council for Therapeutic Recreation Certification (NCTRC), National Therapeutic Recreation Society (NTRS), and the American Therapeutic Recreation Association (ATRA).

Students enrolling in the recreational therapy program receive an education designed to prepare them for employment in the areas of physical rehabilitation, psychiatric rehabilitation, geriatric services, pediatric services, camps for individuals with disabilities, community recreation for individuals with disabilities and centers for mental retardation/developmental disabilities. Students will complete one or more of the following 6-15 credit hour tracks as part of their recreational therapy program of study:

Psychology (minor in Psychology available)

Pediatric

Therapeutic Arts

Geriatric

Communication

General

Pre-Occupational Therapy

Students wishing to major in the recreation therapy program enter under conditional status as a pre-recreational therapy major. The pre-recreational therapy student is able to enroll in University undergraduate core curriculum courses, pre-recreational therapy curriculum courses and recreational therapy support curriculum courses.

Selective Admission Requirements

After completion of all pre-recreational therapy curriculum courses and the completion of 27 additional credit hours from the University undergraduate core curriculum and recreational therapy support curriculum courses, a student is eligible to apply for acceptance into the upper division of the recreational therapy major. Minimum requirements for admittance into the upper division of the recreational therapy major include:

Junior Year

1. Copy of student transcript
2. Completion of 48 credit hours taken from a) the University core curriculum, b) recreational therapy support curriculum, and c) pre-recreational therapy curriculum. Note: 21 of these 48 credit hours must include the following: RCRT 1300, RCRT 1310, RCRT 2300, RCRT 3310, PSY 2200, PSY 2510, and HEAL 1500 with no less than a "C" grade in any course, and
3. Completion of the recreational therapy professional sequence application.

Senior Year

1. Completion of 77 credit hours including the following courses – RCRT 4720, RCRT 4730, RCRT 4740, RCRT 4750 and RCRT 4790 with no less than a "C" grade in any course,
2. Minimum 2.8 GPA
3. Minimum of 100 experience hours (50 hours will be completed during pre-professional coursework), and if necessary
4. Three letters of recommendation.

Culminating Experience Requirements

After completion of all required recreational therapy course work, students are eligible to apply for the senior internship. The senior internship is the final curriculum requirement and is designed to provide the student with an opportunity to apply educational achievements in a practitioner setting. Minimum requirements for approval to complete the 12-hour culminating experience include:

1. Completion of all recreational therapy RCRT courses with no less than a "C" grade in any course,
2. An accumulative GPA of no less than 2.7 for all course work completed,
3. Approval to complete the senior internship.

Graduation Requirements

To graduate with a degree in recreational therapy, a student must:

1. Complete a minimum of 127 hours, and
2. Complete the entire recreational therapy curriculum with no less than a "C" grade in PSY 2200, PSY 2510, HEAL 1500 and any RCRT course.

Bachelor of Science in Recreational Therapy – Degree Requirements

Below is a sample curriculum for the Bachelor of Science in Recreational Therapy. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester		Summer Sem
Year 1	RCRT 1300 Intro to Rec & Leisure PSY 1010 Principles of Psychology SOC 1010 Intro to Sociology ENGL 1110 College Comp I MATH 1180 Math for Liberal Arts HHS 1000 College Orientation Total Hours	3 3 3 3 3 1 16	RCRT 1310 Recreation Programming PSY 2510 Lifespan Developmental Psy Natural Science Elective ENGL 2960 Org Report Writing Humanities Elective Total Hours	3 3 3 3 3 15	
Year 2	RCRT 2300 Rec Leadership & Gr Dyn KINE 2560 Anatomy & Physiology I KINE 2460 Anatomy & Physiology I Lab PSY 2200 Abnormal Psychology Multicultural (Non-US) Elective Total Hours	3 3 1 3 3 13	RCRT 3310 Rec & Adapt for Spec Pro KINE 2570 Anatomy & Physiology II KINE 2570 Anatomy & Physio II Lab HEAL 1800 Medical Terminology RCRT 4720 Introduction to TR Total Hours	3 3 1 3 3 13	
Year 3	RCRT 4730 Med/Clinical Aspects in TR Humanities Elective Track Elective Select 3 from RCRT 4600, 4610, 4630, 4660, 4670 Total Hours	3 3 3 3 15	RCRT 4740 Assessment & Doc TR RCRT 4750 Group Dynamics in RT RCRT 4790 Med/Clinical Aspects in TR II RCRT 4340 Leisure Recreation & Aging Select 2 from RCRT 4600, 4610, 4630, 4660, 4670 Total Hours	3 3 3 3 2 14	RCRT 4840 RT Clinical: Pediatric RCRT RT Clinical: Physical Rehab (Total Hours 2)
Year 4	RCRT 4450 Research Appl Rec & RT RCRT 3710 Adv Prog in Rec & RT Track Elective RCRT 4850 Internship Prep: RECT Select 2 from RCRT 4810, 4820, 4830 Sect 2 from RCRT 4620, 4640, 4680, 4690, 4860 Total Hours	3 3 3 1 2 2 14	RCRT 4330 Administration Rec & RT RCRT 4870 Program Planning RT Select 1 from RCRT 4810, 4820, 4830 Select 3 from RCRT 4620, 4640, 4680, 4690, 4860 Multicultural (US) Elective Total Hours	3 3 1 3 3 13	RCRT 4770 Proj Design RCRT 4930 Sr Internship RCRT 4930 Sr Internship RCRT 4780 Proj Eval RLS (Total Hours 12)

UT Pre-Occupational Therapy

The pre-occupational therapy track within the recreational therapy degree can provide the student with the background needed for application to the graduate degree in the occupational therapy. The occupational therapy doctorate is offered at The University of Toledo in the College of Education, Health Science and Human Service.

UT Pre-Occupational Therapy Requirements – 6 hours

- OCCT 2550 Purposeful Living Role of Occupational Therapist
- One course from any other track or an elective approved by faculty adviser

UT Occupational Therapy Program Selection Application Criteria

To apply for admission to the graduate occupational therapy program at The University of Toledo, students must meet these criteria:

1. Completion of PSY 1010 Principles of Psychology, SOC 1010 Introduction of Sociology, PSY 2510 Lifespan Development Psychology, PSY Abnormal Psychology, KINE 2560 Anatomy & Physiology I, KINE 2570 Anatomy & Physiology II, Biology and HEAL 1800 Medical Terminology with a B- or higher in each course.
2. Completion of a bachelor's degree with a minimum GPA of 3.0 GPA. If GPA is 3.5 or greater, the GRE is not required. Students can be selected prior to completion of their bachelor's degree. Students must have a minimum GPA of 3.0 at the time of application and must maintain a minimum GPA of 3.0 after acceptance.
3. Completion of the GRE with an average of 33% across the three areas – verbal, quantitative and writing.
4. Prerequisites: must have achieved a B- or better in all prerequisites. Consult the following website for more specific information <http://www.utoledo.edu/hshs/ot/index.html>

Applications are available in mid-July; applications may be submitted any time after September 1st for admission the following academic year. Applications are processed and students are accepted as applications are received (rolling admission) until the class is filled. Applicants are encouraged to apply for early admission. The occupational therapy program is selective and completion of the above criteria does not guarantee admission into the program. US News and World Report rates the University of Toledo's occupational therapy graduate program in the top 25% of graduate level occupational therapy programs in the country.

Department of Kinesiology

Degree Programs

- Bachelor of Science in Athletic Training
- Bachelor of Science in Exercise Science
 - Concentrations:
 - Biomechanics
 - Exercise Physiology
 - Health Promotion and Human Performance
 - Pre-Occupational Therapy
 - Pre-Physical Therapy
 - Pre-Physician Assistant
- Bachelor of Science in Respiratory Care

Athletic Training

The Bachelor of Science in athletic training prepares students for entry-level positions in college/university, high school, sports medicine clinic, professional sports, performing arts, military and industrial settings. Athletic trainers work under physicians to ensure the health and safety of physically active individuals. They work cooperatively with other allied health personnel and coaches to accomplish this goal. The athletic training education program is accredited by the Commission on Accreditation of Athletic Training Education. In Ohio, athletic training is a licensed profession requiring an additional examination to be licensed. Athletic training is a regulated profession in 47 states, and the UT program meets or exceeds the criteria in almost all of those states.

Any student may declare an interest in the athletic training education program and begin the pre-professional component of the program. Students are accepted into the professional component on a space-available basis. At the end of the first year, students must file an application for acceptance into the professional component of the athletic training education program with the program coordinator. The maximum capacity of the entering the second year class is based on instructional capacity, the number of off-campus clinical sites, and the number of clinical opportunities in intercollegiate athletics at UT. Students usually begin in the fall semester and are required to take KINE 1110 Introduction to Athletic Training at that time. Students who begin in the Spring semester must take KINE 1110, Introduction to Athletic Training, along with KINE 1650, KINE 1660, KINE 2510, KINE 2520 and HEAL 1500. Acceptance into the professional program occurs at the beginning of a student's second year of involvement with the athletic training education program. The Board of Certification (BOC) requires athletic training students to complete their clinical experience during a minimum of two years and a maximum of five years. Consequently, transfer students may not complete the athletic training education program in fewer than four years from the date of the first enrollment in the program.

Bachelor of Science in Athletic Training Degree Requirements

Below is a sample curriculum for the Bachelor of Science in Athletic Training. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	ENGL 1110 College Composition I HHS 1000 Freshman Orientation KINE 1110 Intro to Athletic Training MATH 1340 Algebra & Trigonometry BIOL 2150 Fund of Life Science I BIOL 2160 Fund of Life Science I Lab	1 3 2 4 4 1	KINE 1650 Care and Prevention of Injuries KINE 1660 AT Taping Lab KINE 1700 Intro to Exercise Science HEAL 1500 First Aid KINE 2510 Human Anatomy KINE 2520 Human Anatomy Lab BIOL 2170 Fund of Life Science II BIOL 2180 Fund of Life Science II Lab	3 1 2 2 3 1 4 1
	Total Hours	15	Total Hours	17
Year 2	KINE 2610 Lower Extremity Evaluation KINE 2710 Clinical Skill Development I ENGL 2950 Scientific Tech Report Writing CHEM 1230 General Chemistry I CHEM 1280 General Chemistry I Lab Multicultural Elective	3 2 3 4 1 3	KINE 2530 Human Physiology KINE 2540 Human Physiology Lab KINE 2620 Upper Extremity Evaluation KINE 2720 Clinical Skill Development II PSY 1010 Principles of Psychology COMM 1010 Communication Principles	3 1 3 2 3 3
	Total Hours	17	Total Hours	15
Year 3	KINE 3520 Exercise Physiology KINE 3530 Exercise Physiology Lab KINE 3610 General Medical Conditions KINE 3630 Therapeutic Modalities KINE 3710 Clinical Skill Development III PHYS 2070 Physics-Mechanical	3 1 2 3 3 5	KINE 960 Growth, Dev and Motor Act KINE 3660 Rehab of Athletic Injuries KINE 3720 Clinical Skill Development IV PHCL 2200 Drugs, Meds & Society Humanities/Fine Arts Elective	4 3 3 3 3

		Total Hours	15		Total Hours	16
Year 4	HEAL 2500 Personal Health		3	KINE 4720 Clinical Skill Development VI		4
	MATH 2600 Intro Statistics		3	KINE 4910 Senior Research Project		4
	KINE 4540 Applied Biomechanics		3	HEAL 4700 Nutrition Science		3
	KINE 4550 Biomechanics Lab		1	Multicultural Elective		3
	KINE 4650 Admin AT		3	Social Science Core Elective		3
	KINE 4710 Clinical Skill Development V		3			
		Total Hours	16		Total Hours	17

Exercise Science Programs

The Bachelor of Science degree in exercise science (B.S.E.S.) is designed for students who want to study the anatomical, physiological, biomechanical and psychological bases of human physical performance. The curriculum has a strong foundation in the natural sciences; students have the opportunity to specialize in one of the following areas: biomechanics, exercise physiology, health promotion and human performance, pre-occupational therapy, pre-physical therapy, and pre-physician assistant. Many students use the degree as a steppingstone to graduate education in exercise science, medicine and other allied health fields such as physical therapy and occupational therapy.

Additional information about the Bachelor of Science in exercise science degree can be found at the department's web site at www.utoledo.edu/hshs/kinesiology/undergradprograms.html

Bachelor of Science in Exercise Science Degree Requirements

Students should follow and complete the degree requirements as displayed in the exercise science (biomechanics, exercise physiology, health promotion and human performance or pre-physical therapy) program of study charts.

Biomechanics

The B.S.E.S. concentration in biomechanics combines course work, research and clinical experience in the application of principles of physics, engineering and computer science to the study of human physical performance. Students in this concentration use tools such as high-speed video and electromyography to study such topics as the basis of sport injury, the effects of disease on human motion, and techniques for facilitating sport performance. Those who choose this option generally intend to prepare for graduate study in biomechanics or other areas such as podiatry, prosthetics, physical or occupational therapy or medicine.

Bachelor of Science in Exercise Science – Biomechanics Degree Requirements

Below is a sample curriculum for the Bachelor of Science in Exercise Science. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester		
Year 1	ENGL 1110 College Composition I	3	MATH 1860 Calculus II	4	
	HHS 1000 Freshman Orientation	1	HEAL 1500 First Aid	2	
	KINE 1700 Intro to Exercise Science	2	BIOL 2170 Fund of Life Science II	4	
	MATH 1850 Calculus I	4	BIOL 2180 Fund of Life Science II Lab	1	
	BIOL 2150 Fund of Life Science I	4	EECS 1050 Intro to Comp in C/C++	2	
	BIOL 2160 Fund of Life Science I Lab	1	HEAL Elective	3	
		Total Hours	15	Total Hours	16
Year 2	CHEM 1230 General Chemistry I	4	PHYS 2130 Physics for Sci & Engr I	5	
	CHEM 1280 General Chemistry I Lab	1	KINE 2530 Human Physiology	3	
	KINE 2510 Human Anatomy	3	KINE 2540 Human Physiology Lab	1	
	KINE 2520 Anatomy Lab	1	ENGL 2950 Scientific Tech Report Writing	3	
	PHYS 2140 Physics for Sci & Engr II	5	Humanities/Fine Arts Elective	3	
	PSY 1010 Principles of Psychology	3			
		Total Hours	17	Total Hours	15
Year 3	CIVE 1150 Engineering Mechanics Statics	3	MIME 2300 Engineering Dynamics	3	
	KINE 2960 Growth, Dev & Motor Activity	4	KINE 3520 Applied Exercise Physiology	3	
	KINE 4540 Applied Biomechanics	3	KINE 3530 Exercise Physiology Lab	1	
	KINE 4550 Applied Biomechanics Lab	1	KINE 3820 Sports Medicine for Coaches	3	
	KINE 4990 Independent Study	3	KINE 4900 Human Performance Seminar	3	
			COMM 3840 Interpersonal Communication	4	

		Total Hours	14		Total Hours	16
Year 4	KINE 4990 Independent Study		3	KINE 4910 Senior Research Project		4
	RESM 4100 Statistics		3	KINE 4990 Independent Study		3
	HEAL 4700 Nutrition Science		3	KINE Kinesiology Elective		3
	HEAL Health Elective		3	Multicultural Elective		3
	Multicultural Elective		3	Social Science Core Elective		3
		Total Hours	15		Total Hours	16

Health Promotion and Human Performance

Many exercise science students are interested in applying their interest and expertise in human physical performance to the prevention and treatment of disease and disability, the enhancement of health and fitness, and to facilitating sport performance through training and conditioning. The B.S.E.S. concentration in health promotion and human performance is designed for these students. Beyond the required exercise science courses, these students take additional course work that focuses on the use of exercise and exercise testing in the diagnosis and treatment of cardiovascular and metabolic diseases, reduced muscle strength and endurance tolerance. Students in this concentration will focus on the development of exercise programs that are designed to enhance health, general fitness and exercise performance. In addition to a practicum and two internships, many of these students complete one or more of the certification programs offered by organizations such as the American College of Sports Medicine and the National Strength and Conditioning Association. These certifications, in combination with the student's academic training, provide excellent credentials for employment in fitness/wellness programs, cardiovascular rehabilitation, as well as many commercial fitness facilities.

Bachelor of Science in Exercise Science – Health Promotion and Human Performance Degree Requirements

Below is a sample curriculum for the Bachelor of Science in Exercise Science. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester		
Year 1	ENGL 1110 College Composition I	3	CHEM 1230 General Chemistry I	4	
	HHS 1000 Freshman Orientation	1	CHEM 1280 General Chemistry I Lab	1	
	KINE 1700 Intro to Exercise Science	2	ENGL 2950 Scientific Tech Report Writing	3	
	MATH 1340 Algebra & Trigonometry	4	HEAL 1800 Medical Terminology	3	
	BIOL 2150 Fund of Life Science I	4	Humanities/Fine Arts Elective	3	
	BIOL 2160 Fund of Life Science I Lab	1	Social Science Core Elective	3	
		Total Hours	15	Total Hours	17
Year 2	Multicultural U.S. Elective	3	COMM 3840 Interpersonal Communication	4	
	KINE 2510 Human Anatomy	3	KINE 3620 Exercise & Sport Pharmacology	2	
	KINE 2520 Anatomy Lab	1	KINE 2530 Human Physiology	3	
	Multicultural Non Western Elective	3	KINE 2540 Human Physiology Lab	1	
	PHYS 2070 General Physics I	5	KINE 4540 Biomechanics	3	
			KINE 4550 Biomechanics Lab	1	
		Total Hours	15	Total Hours	14
Year 3	KINE 3850 Cardiac Dysrhythmias Inter	3	HEAL 4700 Nutrition Science	3	
	KINE 3520 Applied Exercise Physiology	3	KINE 4850 Clinical Exercise Testing	3	
	KINE 3530 Exercise Physiology Lab	1	KINE 4860 Clinical Exercise Testing Lab	1	
	KINE 3830 Prin Stren and Condition	3	KINE 3940 Fitness Practicum	3	
	KINE 3650 Prof Respon in Fit Ind	3	RCBS 3300 Adv Clin Life Supp	1	
	KINE 4830 Prin of Endurance Conditioning	3	KINE 3920 Cardiopulmonary Pathophysiology	3	
			KINE 3940 Fitness Practicum (8 hrs/wk)	3	
		Total Hours	16	Total Hours	17
Year 4	KINE 3240 Exer Fitness & Health Strategies	3	KINE 4210 Exer Fac Management	3	
	KINE 4620 Prin Therap Exercise	3	KINE 4840 Fitness Internship (16 hrs/wk)	4	
	HEAL 4750 Obes and Eat Disorders	4	HEAL 4560 Health Problems of Aging	3	
	KINE 4140 Fitness Internship I (16 hrs/wk)	3	HEAL Elective	3	
	Social Science Elective	3	General Elective	3	
		Total Hours	16	Total Hours	16

Exercise Physiology

The B.S.E.S. specialization in exercise physiology is intended to provide students with in-depth study of the physiological bases of human physical performance. In addition to seminars, laboratory research and advanced courses in exercise physiology, students who complete this specialization take additional courses in biology and chemistry. Students taking this concentration work closely with a faculty mentor to design and complete an independent research project of their choosing during their senior year. Upon graduation, those who have chosen this concentration often pursue graduate training in exercise physiology, physical therapy, another allied health field, or medical school. Others wishing to begin a career immediately upon graduation may be employed in fitness and wellness centers or corporate fitness, or they may work as personal trainers.

Bachelor of Science in Exercise Science – Exercise Physiology Degree Requirements

Below is a sample curriculum for the Bachelor of Science in Exercise Science. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	ENGL 1110 College Composition I HHS 1000 Freshman Orientation CHEM 1230 General Chemistry I CHEM 1280 General Chemistry I Lab KINE 1700 Intro to Exercise Science MATH 1340 Algebra & Trigonometry	3 1 4 1 2 4	PSY 1010 Principles of Psychology CHEM 1240 General Chemistry II CHEM 1290 General Chemistry II Lab ENGL 2950 Scientific Tech Report Writing HEAL 1500 First Aid Humanities/Fine Arts Elective	3 4 1 3 2 3
	Total Hours	15	Total Hours	17
Year 2	KINE 2510 Human Anatomy KINE 2520 Anatomy Lab BIOL 2150 Fund of Life Science I BIOL 2160 Fund of Life Science I Lab Social Science Core Elective General Elective	3 1 4 1 3 3	BIOL 2170 Fund of Life Science II BIOL 2180 Fund of Life Science II Lab KINE 2530 Human Physiology KINE 2540 Human Physiology Lab Multicultural Elective General Elective	4 1 3 1 3 3
	Total Hours	15	Total Hours	15
Year 3	KINE 3520 Applied Exercise Physiology KINE 3530 Exercise Physiology Lab PHYS 2070 General Physics I Exercise Physiology Elective General Elective	3 1 5 3 3	KINE 4540 Biomechanics KINE 4550 Biomechanics Lab KINE 4850 Clinical Exercise Testing KINE 4860 Clinical Exercise Testing Lab PHYS 2080 Physics II Multicultural Elective	3 1 3 1 5 3
	Total Hours	15	Total Hours	16
Year 4	RESM 4100 Statistics HEAL 4700 Nutrition KINE 4560 Lab Tech in Ex Phys KINE 4870 Exercise Biology KINE 4990 Independent Study Exercise Physiology Elective	3 3 3 3 3 3	KINE 4910 Senior Research Project COMM 3840 Interpersonal Communication Exercise Physiology Electives General Electives	4 4 6 3
	Total Hours	18	Total Hours	17

Exercise Physiology Concentration Electives include: CHEM 2410 Organic Chemistry I, CHEM 2460 Organic Chemistry I Lab, CHEM 2420 Organic Chemistry II, CHEM 2470 Organic Chemistry II Lab, KINE 4250 Readings in Exercise Biology, CHEM 3510 Biochemistry I, CHEM 3520 Biochemistry II, BIOL 3010 Molecular Genetics, BIOL 3030 Cell Biology, BIOL 3090 Developmental Biology, BIOL 4010 Molecular Biology, BIOL 4050 Immunology, BIOL 4060 Immunology Lab

Pre-Occupational Therapy

Bachelor of Science in Exercise Science – Pre-Occupational Therapy Degree Requirements

Below is a sample curriculum for the Bachelor of Science in Exercise Science (Pre-Occupational Therapy). Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	BIOL 2150 Fund of Life Science I BIOL 2160 Fund of Life Science I Lab MATH 1340 Algebra & Trigonometry KINE 1700 Intro to Exercise Science HHS 1000 Freshman Orientation Humanities/Fine Arts Elective Total Hours	4 1 4 2 1 3	BIOL 2170 Fund of Life Science II BIOL 2180 Fund of Life Science II Lab PSY 1010 Principles of Psychology OCCT 2550 Purposeful Living Role OT HEAL 1500 First Aid ENGL 1110 College Composition I Total Hours	4 1 3 3 2 3
Year 2	CHEM 1230 General Chemistry I CHEM 1280 General Chemistry I Lab KINE 2510 Human Anatomy KINE 2520 Anatomy Lab ENGL 2950 Scientific Tech Report Writing Social Science Core Elective Total Hours	4 1 3 1 3 3	HEAL 1800 Medical Terminology CHEM 1240 General Chemistry II CHEM 1290 General Chemistry II Lab KINE 2530 Human Physiology KINE 2540 Human Physiology Lab SOC 1010 Intro to Sociology Total Hours	3 4 1 3 1 3
Year 3	KINE 2960 Growth, Devel & Motor Lng KINE 3520 Applied Exercise Physiology KINE 3530 Exercise Physiology Lab PHYS 2070 General Physics I KINE 2580 Pathophysiology Total Hours	4 3 1 5 3	COMM 3840 PSY 2200 Abnormal Psychology Multicultural Elective KINE 4640 Neuro and Patho of Rehab HHS 2/4980 PMD Clinical Total Hours	4 3 3 3 3
Year 4	KINE 4540 Applied Biomechanics KINE 4550 Applied Biomechanics Lab RESM 4100 Educational Statistics PSY 2510 Lifespan Developmental Psychology Pre-OT Elective Pre-OT Elective Total Hours	3 1 3 3 3 3 16	HEAL 4700 Nutritional Science KINE 4910 Senior Project Multicultural Elective Pre-OT Elective General Elective Total Hours	3 4 3 3 2-4 15-17

Pre-Physical Therapy

The pre-physical therapy concentration provides students with the opportunity to complete the B.S.E.S. degree and prepare for admission into a graduate entry-level physical therapy program. The curriculum provides a mix of science and health related courses and clinical experiences that are intended to provide the ideal preparation for admission into the university's doctorate in physical therapy program, as well as meet the admission requirements for similar programs across the country. Many students who complete the program will apply for admission to The University of Toledo's Doctorate in Physical Therapy program, which has long been affiliated with this program. All physical therapy programs involve a competitive admission process. Thus, completion of the pre-physical therapy option at UT does not guarantee acceptance to a physical therapy program.

Bachelor of Science in Exercise Science – Pre-Physical Therapy Degree Requirements

Below is a sample curriculum for the Bachelor of Science in Exercise Science (Pre-Physical Therapy). Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	BIOL 2150 Fund of Life Science I BIOL 2160 Fund of Life Science I Lab MATH 1340 Algebra & Trigonometry KINE 1700 Intro to Exercise Science HHS 1000 Freshman Orientation Humanities/Fine Arts Elective Total Hours	4 1 4 2 1 3	BIOL 2170 Fund of Life Science II BIOL 2180 Fund of Life Science II Lab PSY 1010 Principles of Psychology HHS 2980 PMD Clinical HEAL 1500 First Aid ENGL 1110 College Composition I Total Hours	4 1 3 3 2 3
Year 2	CHEM 1230 General Chemistry I CHEM 1280 General Chemistry I Lab KINE 2510 Human Anatomy KINE 2520 Anatomy Lab Total Hours	4 1 3 1 3	HEAL 1800 Medical Terminology CHEM 1240 General Chemistry II CHEM 1290 General Chemistry II Lab KINE 2530 Human Physiology Total Hours	3 4 1 3

	ENGL 2950 Scientific Tech Report Writing Social Science Core Elective	3	KINE 2540 Human Physiology Lab Multicultural U.S. Elective	1 3
	Total Hours	15	Total Hours	15
Year 3	KINE 2960 Growth, Devel & Motor Lng KINE 3520 Applied Exercise Physiology KINE 3530 Exercise Physiology Lab PHYS 2070 General Physics I PSY 2200, 2510 or 2700	4 3 1 5 3	COMM 3840 or 1010 PHYS 2080 Physics II KINE 4620 Therapeutic Kinesiology KINE 2580 Pathophysiology	3-4 5 3 3
	Total Hours	16	Total Hours	14-15
Year 4	KINE 4540 Applied Biomechanics KINE 4550 Applied Biomechanics Lab RESM 4100 Educational Statistics HEAL 4560 Health Problems of Aging Pre-PT Elective General Elective	3 1 3 3 3 3	HEAL 4700 Nutrition Science KINE 4640 Neuro and Patho of Rehab KINE 4910 Senior Research Project Multicultural Elective Pre-PT Elective	3 3 4 3 3
	Total Hours	16	Total Hours	15-17

Pre-PT Electives include: KINE 3730 Fitness Asses & Programming, KINE 4850 Clinical Exercise Test and Prog, KINE 4860 Clin Ex Test and Prog Lab, KINE 4940 Pre-PT Internship, KINE 4990 Independent Study in Exer Sci, or other by approval of an adviser. General Electives as needed to meet the 124 credit hour graduation requirement.

Pre-Physician Assistant

Students planning to enter a physician assistant program after graduation should identify the programs to which they may apply. The specific admission requirements for those programs should be determined. If the requirements are not already among the required courses, they should be included among the supporting electives.

Bachelor of Science in Exercise Science – Pre-Physician Assistant Degree Requirements

	Fall Semester		Spring Semester	
Year 1	BIOL 2150 Fund of Life Science I BIOL 2160 Fund of Life Science I Lab MATH 1340 Algebra & Trigonometry KINE 1700 Intro to Exercise Science HHS 1000 Freshman Orientation ENGL 1110 College Composition I	4 1 4 2 1 3	BIOL 2170 Fund of Life Science II BIOL 2180 Fund of Life Science II Lab PSY 1010 Principles of Psychology HEAL 1800 Medical Terminology HEAL 1500 First Aid ENGL 2950 Scientific Tech Report Writing	4 1 3 3 2 3
	Total Hours	15	Total Hours	16
Year 2	CHEM 1230 General Chemistry I CHEM 1280 General Chemistry I Lab KINE 2510 Human Anatomy KINE 2520 Anatomy Lab Humanities/Fine Arts Elective Social Science Core Elective	4 1 3 1 3 3	CHEM 1240 General Chemistry II CHEM 1290 General Chemistry II Lab KINE 2530 Human Physiology KINE 2540 Human Physiology Lab Multicultural Elective PSY 2510 Lifespan Developmental Psychology	4 1 3 1 3 3
	Total Hours	15	Total Hours	15
Year 3	CHEM 2410 Organic Chemistry I CHEM 2460 Organic Chemistry I Lab BIOL 3030 Cell Biology (rec.) KINE 2960 Growth, Devel & Motor Lng KINE 3520 Applied Exercise Physiology KINE 3530 Exercise Physiology Lab	3 1 3 4 3 1	CHEM 2420 Organic Chemistry II (rec.) COMM 3840 BIOL 4030 Microbiology BIOL 4040 Microbiology Lab PHIL 3370 Medical Ethics Pre-PA Elective	3 4 3 1 3 3
	Total Hours	15	Total Hours	17
Year 4	KINE 4540 Applied Biomechanics KINE 4550 Applied Biomechanics Lab	3 1	HEAL 4700 Nutritional Science KINE 4910 Senior Project	3 4

	RESM 4100 Educational Statistics	3	Multicultural Elective	3
	PHYS 2070 General Physics I	5	Pre-PA Elective	3
	Pre-PA Elective	3	Pre-PA Elective	3
	Total Hours	15	Total Hours	16

Minor in Exercise Science

A minor in exercise science is offered by the department of kinesiology to provide students from other departments across the University with the opportunity to gain experience in this area. The minor requires 22 credits of course work, including required lecture and lab courses in human anatomy, physiology, exercise physiology, and biomechanics, as well as elective courses taken from a variety of areas within exercise science. Students interested in completing the minor in exercise science should contact the department's academic adviser for additional information.

Required – 18 hours

Required Course	Hours
KINE 1700 Introduction to Exercise Science	2
KINE 2510 Human Anatomy*	3
KINE 2520 Human Anatomy Lab*	1
KINE 2530 Human Physiology*	3
KINE 2540 Human Physiology Lab*	1
KINE 3520 Applied Exercise Physiology	3
KINE 3530 Applied Exercise Physiology Lab	1
KINE 4540 Applied Biomechanics	3
KINE 4550 Applied Biomechanics Lab	1

Electives – 6 hours

KINE 1110 Introduction to Athletic Training	2
KINE 2580 Human Pathophysiology for Health Care	3
KINE 2590 Microbiology and Infectious Diseases	3
KINE 2960 Growth, Development & Motor Learning	4
KINE 3240 Concepts of Exercise, Fitness & Health	2
KINE 3680 Sport and Exercise Pharmacology	2
KINE 3850 Cardiac Dysrhythmia Interpretation	3
KINE 4850 Clinical Exercise Testing	3
KINE 4860 Clinical Exercise Testing Lab	1
KINE 4900 Independent Study	1-3

*Courses can be waived if the student has successfully completed comparable anatomy and physiology course work in another department within or outside The University of Toledo.

Students will be required to meet all of the prerequisites and co-requisites for the elective courses in the minor.

Respiratory Care Program

Respiratory care is an allied health specialty. Respiratory care practitioners work with physicians in the treatment, management, control, diagnostic evaluation and care of patients with deficiencies and abnormalities associated with the cardiopulmonary system.

Respiratory therapists treat a diverse group of patients ranging from newborn and pediatric patients to adults and the elderly. Disease states or conditions often requiring care include asthma, emphysema, chronic obstructive lung disease, pneumonia, cystic fibrosis, infant respiratory distress syndrome and conditions brought on by shock, trauma or post-operative surgical complications. Respiratory therapists also are involved in many specialty areas in the hospital, such as newborn labor and delivery, neonatal and pediatric intensive care units, pulmonary function laboratory, sleep laboratory and adult intensive care units. The baccalaureate degree prepares respiratory therapists to deliver respiratory care in the hospital, home and alternative care sites.

The respiratory therapist with an earned baccalaureate is an advanced-level practitioner who is eligible to sit for the national board exam for entry-level certification, to become registered as an advanced practitioner, and to take specialty examinations in perinatal/pediatrics and pulmonary function technology.

Selective Admissions Requirements

Acceptance into the respiratory care program is limited due to the number of students who can be accommodated by the faculty and clinical facilities. Once admitted to the University, students must file a separate application for the respiratory care program with the program selective admissions committee. Selective admission criteria are listed below.

- Complete the following courses (or their equivalent or higher) with a grade of C or better: ENGL 1110 College Composition I; ENGL 1130 College Composition II; HEAL 1800 Medical Terminology; CHEM 1120 Chemistry for Health Sciences; and KINE 2560 Anatomy & Physiology I, and KINE 2460 Anatomy & Physiology I Lab; and KINE 2570 Anatomy & Physiology II, and KINE 2470 Anatomy & Physiology II Lab, Math 1320 (College Algebra), and KINE 2590 (Microbiology and Infectious Diseases).
- Minimum cumulative GPA of 2.5
- In addition to cumulative GPA, the student's GPA in the courses fulfilling the math and science prerequisite course requirements (MATH 1320, CHEM 1120, KINE 2460, 2470, 2560, 2570, and 2590) will be evaluated.

Bachelor of Science in Respiratory Care

Students should follow and complete the degree requirements as displayed in the baccalaureate respiratory care program of study chart.

Bachelor of Science in Respiratory Care – Degree Requirements

Below is a sample curriculum for the Bachelor of Science in Respiratory Care. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester		Summer Sem
Year 1	HHS 1000 College Orientation KINE 2560 Anatomy & Physiology I KINE 2460 Anatomy & Physiology I Lab MATH 1320 College Algebra HEAL 1800 Medical Terminology ENGL 1110 College Comp I	1 3 1 3 3 3	ENGL 1130 or higher College Comp II PHIL 1020 Critical Thinking KINE 2570 Anatomy & Physiology II KINE 2570 Anatomy & Physio II Lab CHEM 1120 Chemistry for Health Sci	3 3 3 1 4	
	Total Hours	14	Total Hours	14	
Year 2	KINE 2590 Microbiology & Inf Disease HEAL 3800 Death & Dying CMPT 1100 Computer Info Applications Professional Support Elective Multicultural Elective	3 3 3 3 3	HEAL 4700 Nutrition Science PHIL 3370 Medical Ethics PSY 1010 Intro to Psychology Professional Support Elective Humanities Elective	3 3 3 3 3	RCBS 3010Respiratory Fundamentals RCBS 3020 Respiratory Care Practice (Total Hours 8)
	Total Hours	15	Total Hours	15	
Year 3	RCBS 3110 Resp Care Therapeutics RCBS 3120 Resp Care Practice II RCBS 3130 Cardiopulmonary Diagnos	4 7 4	RCBS 3210 Resp Care Therapeutics II RCBS 3220 Respira Care Practice III RCBS 3230 Cardiopulmonary Diagn Social Science Elective	4 7 3 3	
	Total Hours	15	Total Hours	17	
Year 4	RCBS 4140 Integrated Clinical Prac I RCBS 4150 Neonatal/Pediatric Res. RCBS 4160 Clinical Assessment RCBS 4700 Res Analysis in Res Care	4 4 3 3	RCBS 3300 Adv Cardiac Life Support RCBS 4240 Integrated Clinical Prac II RCBS 4510 Resp Care in Alt. Sites RCBS 4800 Issues in Prof Practice RCBS 4810 Prep for Prof Practice Multicultural Elective	1 3 3 3 1 3	
	Total Hours	14	Total Hours	14	

Professional Support Electives – choose 2

HEAL 2500 Personal Health
HEAL 2700 Community Health
HEAL 3500 Environmental Health
HEAL 4560 Health Problems of Aging
HEAL 4800 Public Health Research & Statistics
HIM 3200 Health Care Resources, Payers & Consumers

HCAR 4360 Quality Assurance in Health Care
HCAR 4510 Medical and Legal Aspects of Health Care
HCAR 4530 Problem Solving in the Health Care Environment
HCAR 4550 Health Care Finance
RCBS 4740 Polysomnography I
RCBS 4760 Polysomnography II

Respiratory Care Degree Completion Track (R.R.T. to B.S. R.T.)

The program is designed as a nontraditional track for individuals who have completed an associate's degree in respiratory care and have already earned the Registered Respiratory Therapist (RRT) credential granted by the National Board for Respiratory Care. The program includes upper division professional courses, which are contained in the traditional bachelor's program, but allows for

student selection of an area of specialization to enhance professional growth. In addition, the professional support courses encompass many issues in health care and health education that are relevant to the practicing professional.

Bachelor of Science Degree Requirements for Completion Track

To complete the Bachelor of Science degree in respiratory care, a student must take 124 semester hours and maintain a minimum GPA of 2.0 at the University of Toledo. A minimum of 64 hours must be taken at the 2000 to 4000 levels, with a minimum of 32 hours at the 3000 and 4000 levels.

Requirement	Hours
University Core Curriculum	27-30
Lower Division Professional Courses	30-35
Upper Division Professional Courses	13
• Required Professional Courses – 7	
• Area of Specialization – 6	
Professional Support Courses	22
General Electives	21-26
Minimum total hours	124
Required Courses – 7 hours	
RCBS 4160 Clinical Assessment	3
RCBS 3300 Advanced Cardiac Life Support	1
RCBS 4700 Research Analysis in Respiratory Care	3
Area of Specialization – Select a minimum of 6 hours	
RCBS 4150 Neonatal/Pediatric Respiratory Care	4
RCBS 3230 Cardiopulmonary Diagnostics II	3
RCBS 4510 Respiratory Care in Alternate Sites	3
RCBS 4800 Issues in Professional Practice	3
RCBS 4740 Polysommography I	3
RCBS 4760 Polysommography I	3
Professional Support Courses – 16 hours	
HCAR 4360 Quality Assurance in Health Care	3
HCAR 4530 Problem Solving in the Health Care Environ	4
HCAR 4510 Medical and Legal Aspects of Health Care	3
HCAR 4550 Health Care Finance	3
PHIL 3370 Medical Ethics	3
Professional Support Electives – 6 hours	
HEAL 3500 Environmental Health	3
HEAL 3800 Death and Dying	3
HEAL 4560 Health Problems of Aging	3
HEAL 4700 Nutritional Science	3
HEAL 4800 Public Health Research and Statistics	3
HIM 3200 Healthcare Resources, Payers & Consumers	3
General Electives	21-26

Department of Military Science and Leadership

Army ROTC – U.S. Army Reserve Officers' Training Corps

The University of Toledo offers undergraduate and graduate students an opportunity to qualify as commissioned officers in the United States Army, Army Reserves or Army National Guard. As a college elective, the Army Reserve Officers' Training Corps (ROTC) program provides preparation for leadership in any profession – military or civilian.

Army ROTC Basic Course

No military obligation is incurred for non-scholarship students participating in or completing the basic course. The Basic Course is normally completed during the freshman and sophomore years and provides the student with a general knowledge of the military's role in society and the missions of the Army. Subjects include leadership, land navigation, marksmanship, first aid and other basic military skills. Students enroll in one Military Science and Leadership (MSL) course each semester. It is possible for a sophomore to complete the basic course in one year through prior arrangement with the department. Successful completion of the basic course is a prerequisite for enrollment in the Army ROTC Advanced Course. Selected sophomores and juniors also can qualify for the Advanced Course by completing ROTC Leader's Training Course in the summer, or through prior military service, either Active, Reserve or National Guard.

Army ROTC Advanced Course

The Advanced Course is the professional phase of the Army ROTC program. The Advanced Course includes subjects in leadership, training, land navigation, management, ethics, military justice and military tactics. During the two years of the Advanced Course, students enroll in one MSL course per semester. They also must complete one course from an academic department other than MSL in each of the following areas: written communication skills, military history and computer literacy. A list of approved courses is available from the Department of Military Science and Leadership. Two scheduled weekend field training exercises are required each year, and all students must meet Army physical fitness standards. All Advanced Course students must attend the five-week Leader Development and Assessment Course (LDAC) at Fort Lewis, Wa. Students normally attend LDAC during the summer between their junior and senior years.

Upon satisfactory completion of the Advanced Course requirements and the awarding of the bachelor's or graduate degree, the student is eligible for a commission as a Second Lieutenant in the United States Army, Army Reserve or Arm National Guard.

ARMY ROTC Scholarships

The ROTC program offers four-year, three-year and two-year scholarships to qualified students. An Army ROTC scholarship normally covers all required academic fees and charges at The University of Toledo. Four-year and three-year advanced designee (A.D.) winners also receive a room and board incentive from the University. All scholarship awards include an allowance for textbooks and supplies and a monthly spending allowance for up to 10 months per year during the scholarship period. Additional locally funded scholarships are available for a limited number of Cadets. Students may inquire about Army ROTC scholarships by contacting the Department of Military Science and Leadership.

General Eligibility Requirements

To enroll in the Army ROTC program, the student must:

1. Be of good moral character.
2. Be a citizen of the United States. Non-citizens may enroll by special request at the Basic Course level.
3. Be enrolled as a full-time student at The University of Toledo or at a participating partnership university.
4. Execute an oath of loyalty to the United States.
5. Not be a conscientious objector.

Additional requirements exist for Advanced Course participation. Contact the Department of Military Science and Leadership for specific information.

Uniforms and Textbooks

Army uniforms, equipment, textbooks and materials necessary for MSL courses are loaned to students or provided at minimal cost.

Special Opportunities

Selected students participating in the Army ROTC program may attend airborne, air assault, mountain warfare, northern warfare, sapper or scuba training. Selected students can compete for Cultural, Medical and Engineering internships over the summer months. In addition, selected students are offered the opportunity to participate in Cadet Troop Leadership Training and spend three weeks performing the duties of an Officer at an Army installation. Students in the Advanced Course may elect to serve as officer trainees in local Army National Guard and Army Reserve units, thereby receiving additional training, experience and financial support while attending college.

Credit for Previous Military Training

Students with previous military training may be granted constructive credit as follows:

1. By transfer. Constructive credit will be granted at the time of entrance to The University of Toledo for corresponding military science courses completed satisfactorily in a senior division ROTC unit in another college or university.
2. Other training or service. Constructive credit will be granted at the time the student enters the Army ROTC program at The University of Toledo. If for any reason the student does not complete the ROTC program, this credit will be withdrawn.
 - a. Service academy education. Students who have satisfactorily completed work at a service academy may receive constructive credit for up to three years of military science. The department will make a credit determination at the time that the student enrolls.
 - b. Active service or active duty for training (ADT) in the U.S. Army, U.S. Army Reserve, Army National Guard, Navy, Air Force, Marine Corps or Coast Guard. The Professor of Military Science may grant constructive credit for up to two years of the Basic Course.
 - c. Junior ROTC or military school training. Students who have had Junior ROTC or military school training should contact the professor of military science for credit determinations. Maximum allowable constructive credit will be the two-year basic course.

- d. Successful completion of ROTC Leaders Training Course provides credit for the on-campus Basic Course. Students may qualify for the leaders training course if they have two or more years of study remaining at either the undergraduate or graduate level and if they meet the other eligibility requirements. The Leader's Training Course is conducted at Fort Knox, Kentucky.

Minor in Military Science

Students seeking a minor in military science must successfully complete 25 hours of military science courses, with a minimum GPA of 2.0. Requirements in certain majors and curricula will require ROTC students to take more than the minimum number of hours required for graduation. When finalizing their program, students should consult an academic adviser within the department of their declared major.

Following are the requirements for the minor in military science:

1. Six credit hours at the Basic Course level;
2. 18 credit hours at the Advanced Course level;
3. One credit hour in a MSL elective at the 3000 level or higher, and
4. Minimum GPA of 2.0 in MSL classes.

Military Science Courses	Hours
Basic Course	
MSL 1010 Leadership and Personal Development (fall)	2
MSL 1020 Introduction to Tactical Leadership (spring)	2
MSL 1030 Introduction to Physical Fitness	1
MSL 1040 Physical Fitness	1
MSL 2010 Innovative Team Leadership (fall)	3
MSL 2020 Foundations of Tactical Leadership (spring)	3
MSL 2030 Physical Training I	1
MSL 2040 Physical Training II	1
MSL 2200 Leader's Training Course (summer)	3
Advanced Course	
MSL 3010 Adaptive Tactical Leadership (fall)	3
MSL 3020 Leadership in Changing Environments (spring)	3
MSL 3030 Physical Fitness Planning I	1
MSL 3040 Physical Fitness Planning II	1
MSL 3600 Airborne Operations (summer)	1
MSL 3700 Cadet Troop Leadership Training (summer)	1
MSL 3800 Air Assault Operations (summer)	1
MSL 3850 Leadership Dev and Assess Course (summer)	3
MSL 4010 Developing Adaptive Leaders (fall)	3
MSL 4020 Leadership in a Complex World (spring)	3
MSL 4030 Advanced Physical Fitness Planning I	1
MSL 4040 Advanced Physical Fitness Planning II	1
MSL 4800 Gettysburg: A Military History (fall – or approved alternative)	3

Specific courses are required in order to receive a commission in the U.S. Army, Army Reserve or Army National Guard. Interested students should contact the Department of Military Science and Leadership at 419.530.2681 or visit the Web site at <http://hhs.utoledo.edu/armyrotc/>

Department of Rehabilitation Sciences

Occupational Therapy Program

The program in occupational therapy is primarily on the graduate level. Pre-occupational therapy programs are provided in the department of kinesiology and the department of health and recreation professions. In addition, students wishing to explore occupational therapy as a career option should enroll in

OCCT 2550 Purposeful Living: The Role of Occupational Therapy – 3 hours

Speech-Language Pathology Program

The program provides course work in communication disorders which prepares the student for graduate work in speech-language pathology. The strengths of the program include supervised clinical experiences on the undergraduate level, undergraduate foundations in normal speech processes and language development and introductory courses in communication disorders. A master's degree is one of the requirements for licensure and certification as a speech-language pathologist.

Bachelor of Science in Speech-Language Pathology Degree Requirements

Below is a sample curriculum for the Bachelor of Science in the speech-language pathology program. Sample curriculum is subject to change. Please consult the department for up-to-date information. All course pre-requisites must be met. Other than KINE 2460 and 2560, non-SLP courses may be taken in a different order than shown.

	Fall Semester		Spring Semester	
Year 1	MATH 1320 College Algebra or MATH 2600 PSY 1010 Principles of Psychology SOC 1010 Intro to Sociology ENGL 1110 College Composition I HHS 1000 Freshman Orientation Humanities/Fine Arts Elective	3 3 3 3 1 3	SLP 2400 Intro to Communication Disorders KINE 2560 Anatomy & Physiology I KINE Anatomy & Physiology I Lab ENGL 2960 or Comp II HEAL 1800, 2500, 4560, COUN 2220, or 4080 General Elective	3 3 1 3 3 3
	Total Hours	16	Total Hours	16
Year 2	SLP 3020 Anat & Phy of Comm Mechanism SLP 3030 Normal Language Acquisition HEAL 1500 First Aid General Electives Natural Science Elective	4 3 3 3 3	SLP 3140 Analyzing Language SLP 3150 Speech Science Humanities/Fine Arts Elective General Elective	4 3 3 6
	Total Hours	15	Total Hours	16
Year 3	SLP 3010 Clinical Phonetics SLP 3300 Language Disorders SLP 3170 Hearing Science Multicultural Elective General Elective	4 4 2 3 3	SPL 3200 Articulation & Phonology SLP 3800 Methods for Clinical Intervention (requires ≥ 3.25 GPA) HEAL 1800, 2500, 4560, COUN 2220 or 4080 Multicultural Elective General Elective	4 3 3 3 3
	Total Hours	15	Total Hours	16
Year 4	SLP 3400 Audiology SLP 4000 Beginning Clinical Practicum SPED 2040 Perspectives General Elective	3 2 3 7	SLP 4350 Concomitant Disorders SPED 4110 or 4120 Mod/Intensive General Electives	3 3 9
	Total Hours	15	Total Hours	15
Total credits must equal or exceed				124

NOTE: Students must earn a "C" or higher grade in all major courses as well as those courses that meet ASHA and Ohio Department of Education requirements. See program check sheet provided by the advisor for additional information. Graduate program requirements may be higher.

Transfer Students in Speech-Language Pathology

Below is a sample curriculum for the Bachelor of Science in the speech-language pathology program for transfer students. Sample curriculum is subject to change. Please consult the department for up-to-date information. All course pre-requisites must be met.

	Fall Semester		Spring Semester	
Year 1	SLP 2400 Intro to Communication Disorders SLP 3020 Anat & Phy of Comm Mechanism SLP 3030 Normal Language Acquisition	3 4 3	SLP 3140 Analyzing Language SLP 3150 Speech Science	4 3
Year 2	SLP 3010 Clinical Phonetics SLP 3300 Language Disorders SLP 3170 Hearing Science	4 2 4	SPL 3200 Articulation & Phonology SLP 3800 Methods for Clinical Intervention (requires ≥ 3.25 GPA)	4 3
Year 3	SLP 3400 Audiology SLP 4000 Beginning Clinical Practicum SPED 2040 Perspectives	3 2 3	SLP 4350 Concomitant Disorders SPED 4110 or 4120 Mod/Intensive	3 3
Total credits must equal or exceed				124

NOTE: Students must earn a "C" or higher grade in all major courses as well as those courses that meet ASHA and Ohio Department of Education requirements. To get into the clinical sequence of courses and graduate school require a higher GPA (SLP 3800 \geq 3.25 GPA).

Department of School Psychology, Legal Specialties and Counselor Education

Degree Programs

Minor in Counseling
 Undergraduate Certificate in Chemical Dependency Counseling
 Bachelor of Science in Paralegal Studies
 Post-Baccalaureate Certificate in Paralegal Studies
 Nurse Paralegal Certificate
 Minor in Legal Specialties

Honors in Legal Specialties

Counselor Education Program

Minor in Counseling

The Counseling Minor allows undergraduates to learn basic concepts and skills used in the counseling profession including counseling theories and skills, substance abuse treatment and prevention and case management. The minor will not lead to licensure or certification but will be a sound foundation for students wishing to pursue a master's degree in counseling or other helping professions.

The counseling Minor requires a minimum of 19 semester hours as follows:

CESP Required Core Course – 4 hours		
COUN 1110 Fundamentals of Human Mental Health		4
CESP Electives – 15 hours (At least 8 hours must be at 3000 or 4000 level)		
COUN 1240 Substance Abuse Issues in Mental Health		3
COUN 2120 Group and Therapeutic Approaches		4
COUN 2220 Family Theories & Cult Infl in Mental Health		3
COUN3110 Case Management in Mental Health		3
COUN 3140 Substance Abuse Pre & Com Program		3
COUN 3150 Models of Treatment for Substance Abuse		3
COUN 3220 Theories in Mental Health		3
COUN 4080 Essentials of Helping Relationships		3
COUN 4240 Substance Abuse Treatment Techniques		3

Undergraduate Certificate in Chemical Dependency Counseling

This certificate program is designed to help students meet the academic requirements for licensure as a Licensed Chemical Dependency Counselor II or Licensed Chemical Dependency Counselor III. Students must either have a degree or be working toward completion of a degree. To qualify for licensure as a LCDC II, students must have an associate's degree in a behavioral science (e.g., psychology, social work, etc.) or a bachelor's degree in any subject. To qualify for licensure as an LCDC III, students must have a bachelor's degree in a behavioral science. Students seeking a LCDC II license will need to document completion of 6,000 hours of chemical dependency counseling related work experience of which a minimum of twenty percent must be in chemical dependency counseling. This work can include paid and volunteer hours. An associate's degree in a behavioral science (e.g., psychology, social work) may substitute for one thousand hours of work experience. Students seeking a LCDC III license will need to document completion of 4,000 hours of chemical dependency counseling related work experience of which a minimum of twenty percent must be in chemical dependency counseling.

The undergraduate Certificate in Chemical Dependency Counseling requires a minimum of 22 credit hours as follows:

COUN 1240	Substance Abuse Issues in Mental Health	3
COUN 2120	Group and Therapeutic Approaches	4
COUN 2220	Family Theories & Cult Infl in Mental Health	3
HEAL 3300	Drug Awareness	3
COUN 3140	Substance Abuse Pre& Com Program	3
COUN 3150	Models of Treatment for Substance Abuse	3
COUN 4240	Substance Abuse Treatment Techniques	3

Legal Specialties Programs

Undergraduate programs related to the legal profession are found in this department. Programs include academic course work and practical experiences designed to develop the knowledge and critical thinking and communication skills necessary for contribution to the legal profession. All of the department faculty are licensed attorneys, judges and magistrates and are available for career advising.

Paralegal Studies Programs

A dynamic field of study, the legal specialties program in paralegal studies prepares students to be an integral part of the legal team, working under the supervision and direction of attorneys. Paralegals assist attorneys by conducting interviews and investigations, researching cases, drafting legal documents, and assisting at real estate closings, depositions and trials. All degree and certificate programs hold prestigious American Bar Association approval.

The U.S. Department of Labor projects the paralegal profession will be one of the ten fastest growing professions through the year 2014. CNNMoney.com lists "paralegal" as one of its top 50 jobs. Career sources conclude that there will be an 85% increase in paralegal employment over the next eight years. Graduates find rewarding career opportunities in a variety of settings, including large and small law firms, corporate legal departments, banks, court systems and government offices.

Prelaw Studies

No particular degree is required for admission to law school. Successful law students must possess good communication, logic and analytical skills, and have a fundamental understanding of the legal system. The paralegal studies program provides students with an excellent "pre-law" program by teaching those important skills. Graduates with a bachelor degree in paralegal studies who meet certain criteria will receive guaranteed admission to The University of Toledo College of Law. All of the faculty in the paralegal studies program are licensed attorneys, judges and magistrates and are available for career advising. Contact the department office at 419.530.7746 for more information.

Bachelor of Science – Paralegal Program Degree Requirements

American Bar Association Approved Program

The Bachelor of Science degree prepares students for an exciting career in the law at a higher level of responsibility. In addition, the bachelor degree in paralegal studies is an excellent "pre-law" track for those considering law school. Graduates with a bachelor degree in paralegal studies who meet certain criteria will receive guaranteed admission to UT's College of Law.

Below is a sample curriculum for the Bachelor of Science in the paralegal program. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	ENGL 1110 College Composition I LGL 1010 Introduction to Law LGL 1720 Law Practice Management MATH 1320 College Algebra LGL 2120 Real Estate Transactions HHS 1000 Freshman Orientation	3 3 3 3 3 1	ENGL 1130 or higher Comp II LGL 1160 Legal Research LGL 1150 Tort Law CMPT 1100 or BUAD 1020 Social Science Elective	3 3 3 3 3
	Total Hours	16	Total Hours	15
Year 2	LGL 2020 Civil Procedure LGL 2130 Family Law LGL 2700 Advocacy: Mock Trial BUAD 2040 Financial Acct. Information Social Science Elective	3 3 3 3 3	LGL 2110 Estate & Probate Administration LGL 2210 Prac & Prod of Admin Law PHIL 1020 Critical Thinking Humanities Elective Elective	3 3 3 3 3
	Total Hours	15	Total Hours	15
Year 3	LGL 3030 Adv Legal Research/Writing LGL 3050 Bankruptcy Pract & Cons Appl PHIL Elective at 3000/4000 level Legal Specialty Option Natural Science Elective	3 3 3 3 3	LGL 3010 Law of Business Associations LGL 3330 Litigation LGL 4130 Clinical Experience Legal Specialty Option Multicultural Elective Natural Science Elective	3 3 3 3 3 3
	Total Hours	15	Total Hours	18
Year 4	LGL 4030 Contract Law LGL 3350 Alternative Dispute Resolution	3 3	LGL 4940 Advanced Paralegal Internship Legal Specialty Option	3 3

	PHIL Elective at 3000/4000 level	3	Multicultural Elective	3
	Legal Specialty Option	3	General Elective	3
	General Elective	3	General Elective	3
	Total Hours	15	Total Hours	15

Post Baccalaureate Certificate in Paralegal Studies – Degree Requirements

American Bar Association Approved Program. To be accepted into this program, students must have at least a four-year bachelor degree.

Below is a sample curriculum for the certificate program. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	LGL 1010 Introduction to Law	3	LGL 1150 Tort Law	3
	LGL 1720 Law Practice Management	3	LGL 1160 Legal Research	3
	LGL 2020 Civil Procedure	3	LGL 2110 Estate & Probate Administration	3
	LGL 2120 Real Estate Transactions	3	LGL 2940 Paralegal Internship	3
	Law Elective	3	Law Elective	3
	Total Hours	15	Total Hours	15

Law Electives – choose two from the list below

LGL 2210 Practice & Procedures in Administrative Law	3
LGL 2130 Family Law (Prereq: LGL 1010 & LGL 1160)	3
LGL 2700 Advocacy: Mock Trial	3
LGL 3010 Law of Bus Assoc (Prereq: LGL 1010 & LGL1720)	3
LGL 3030 Adv Leg Res (Prereq: LGL 1010 & LGL1160)	3
LGL 3050 Bankr Prac (Prereq: LGL 1010 & LGL1160)	3
LGL 3330 Litigation (Prereq: LGL 1150 & LGL2020)	3
LGL 3350 Alt Dispute Res (Prereq: LGL 1010, 1150 & 2020)	3
LGL 4030 Contract Law (Prereq: LGL 1010 & LGL1160)	3
LGL 1130 Clinical Exp (Prereq: LGL 1010 & LGL1160)	3

Although the Paralegal Internship may be taken by post-baccalaureate certificate students during their second semester, it is strongly suggested that it be taken alone in the student's third semester.

Nurse Paralegal Certificate – Degree Requirements

American Bar Association Approved Program

The nurse paralegal certificate program prepares practicing nurses for careers in law where medical education and experience are needed. Examples of these areas of the law are medical malpractice, personal injury, workers compensation, wrongful death and social security.

Below is a sample curriculum for the certificate program. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester		Summer Sem
Year 1	LGL 1010 Introduction to Law	3	LGL 1150 Tort Law	3	LGL 2940
	LGL 1720 Law Practice Management	3	LGL 1160 Legal Research	3	Paralegal
	LGL 2020 Civil Procedure	3	LGL 2210 Administrative Law	3	Internship
	Total Hours	9	Total Hours	9	(3 Total Hours)

Minor in Legal Specialties Requirements

Below is a sample curriculum for the minor in legal specialties. Sample curriculum is subject to change. Please consult the department for up-to-date information.

	Fall Semester		Spring Semester	
Year 1	LGL 1010 Introduction to Law	3	LGL 1150 Tort Law	3
	LGL 2120 Real Estate Law	3	Law Elective	3
	Law Elective	3	Law Elective	3

	Law Elective	3		
		Total Hours	12	Total Hours
				9

Law Electives – choose four from the following

LGL 1160 Legal Research (Prereq: LGL 1010)	3
LGL 2110 Estate & Probate Administration	3
LGL 2130 Family Law (Prereq: LGL 1010 & LGL 1160)	3
LGL 2700 Advocacy: Mock Trial	3
LGL 3010 Law of Bus Assoc (Prereq: LGL 1010 & LGL1720)	3
LGL 3110 Personal Law (Prereq: Jr Standing or Instructor Permission)	3
LGL 3120 Personal Law II (Prereq: LGL 3120)	3
LGL 3350 Alt Dispute Res (Prereq: LGL 1010, 1150 & 2020)	3
LGL 4030 Contract Law (Prereq: LGL 1010 & LGL1160)	3
LGL 4230 Health Care & the Law (Prereq: Jr Standing or Instructor Permission)	3

Students will be responsible for meeting all of the prerequisites for the required courses in the minor.

Honors in Legal Specialties

To be awarded, upon graduation, the citation "Honors in Legal Specialties" an admitted student must:

1. Successfully complete 9 hours of LGL honors courses, and
2. Maintain at least a cumulative GPA of 3.5 in the student's entire paralegal studies program of study, and
3. Submit, before applying for graduation, to the program director a portfolio of the student's honor's work for verification.

Students should register for the honors section of 3 courses from the following list, and consult with the paralegal studies instructors regarding the honors requirements in those courses.

LGL 3010 Law of Bus Assoc (Prereq: LGL 1010 & LGL1720)	3
LGL 3030 Adv Leg Res (Prereq: LGL 1010 & LGL1160)	3
LGL 3050 Bankr Prac (Prereq: LGL 1010 & LGL1160)	3
LGL 3110 Personal Law (Prereq: Jr Standing or Instructor Permission)	3
LGL 3120 Personal Law II (Prereq: LGL 3120)	3
LGL 3330 Litigation (Prereq: LGL 1150 & LGL2020)	3
LGL 4030 Contract Law (Prereq: LGL 1010 & LGL1160)	3
LGL 4230 Health Care & the Law (Prereq: Jr Standing or Instructor Permission)	3

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

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Charles W. Armstrong, 1977, professor

B.S., Slippery Rock State College; M.Ed., Ph.D., University of Pittsburgh

Max Baumgartner, 2007, clinical assistant professor

B.A., B.S., The University of Toledo; M.S. The University of St. Augustine; Ph.D., Nova Southeastern University

Jonathan Beasley, MAJ, 2009, professor and chair

B.S., The University of Toledo; M.A., Louisiana State University and A & M College

Svetlana Beltyukova, 2005, associate professor

Ph.D. Kiev Linguistic University; M.E., Ph.D., The University of Toledo

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B.A., Mansfield State College; M.S., M.A., Ph.D., The Pennsylvania State University

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Ph.D., Dartmouth College; RRT-NPS

Debra J. Boardley, 1994, professor
B.S., Youngstown State University; M.H.S., Washington University; Ph.D., University of South Carolina

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B.S., The Ohio State University; M.H.S., University of Indianapolis

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B.S., M.S.E., University of Wisconsin, Ph.D. Utah State University

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B.S., Miami University; M.A., The Ohio State University; Ed.S., Ph.D., University of South Florida

Betty Coleman, 2007, lecturer (retired)
B.A., Montclair State College; M.A., Hunter College

Julie Coyle, 2010, lecturer
M.Ed., The University of Toledo

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B.O.B.A., Campbell University; M.O.T., Medical College of Ohio; O.T.D., Chatham University

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

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B.A., University of Ashland, M.A., University of Akron

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B.A., Mary Manse College; M.S.W., University of Michigan

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BIS, Lourdes College; M.A., Ph.D., The University of Toledo

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B.S.Ed., California State University; M.A., Ed.D., Eastern Michigan University

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

Jim Dyko, 2005, lecturer
B.A., M.Ed., The University of Toledo

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

Lee Ellis, 1989, professor
B.A., University of Maine - Portland; M.A., University of Maine - Orono; Ph.D., Ohio University

Elyce Ervin, 2003, associate lecturer
B.S., M.S., Youngstown State University

Florian Feucht, 2008, assistant professor
Diplom, Ph.D., Carl von Ossietzky University; Ph.D. University of Nevada, Las Vegas

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

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

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B.S., B.A., M.S., Ph.D., Indiana University

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Tavis Glassman, 2008, assistant professor
B.Ed., M.S.Ed., The University of Toledo; M.P.H., The Ohio State University; Ph.D., University of Florida

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

William M. Gray, 1975, professor and interim chair
B.A., M.A., Ed.D., State University of New York - Albany

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B.A., M.A., University of North Carolina; Ph.D., The Pennsylvania State University

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B.A., Hamline University; M.A., Ph.D., Indiana University

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A.A.S., Lourdes College; B.S., The University of Toledo; MOT, Medical College of Ohio; Ph.D., Capella University

Noela Haughton, 2007, assistant professor
B.S., The University of the West Indies; M.S., Ph.D., The Pennsylvania State University

Patricia Holloper, 2010, lecturer
B.A., Ohio Northern; M.Ed., EdS, University of Toledo

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Aileen Hunt, 2011, lecturer
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Morris Jenkins, 2001, associate professor and chair
B.A., Claflin College; J.D., Stetson University; Ph.D., Northeastern University

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A.A., Blue Mountain Community College; B.S., M.S., Western Oregon State College; M.S.W., Ph.D., The Ohio State University

Shanhe Jiang, 2007, associate professor
B.A., Wuhan University; M.A., Nankai University; Ph.D., State University of New York at Albany

Debra Johanning, assistant professor

A.S., Kishwaukee Community College; B.S., M.S., Northern Illinois University; Ph.D., Michigan State University

Richard R. Johnson, 2008, assistant professor
A.S., B.S., M.S., Indiana University, South Bend; Ph.D., University of Cincinnati

Timothy R. Jordan, 2001, professor
B.S.E., Bowling Green State University; M.Ed., Ph.D., The University of Toledo

Joan Kaderavek, 2009 Distinguished University Professor
B.A., Miami University; M.A., The Ohio State University; Ph.D., Bowling Green State University

Marcella Kehus, 2005 assistant professor
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B.S., Kyungpook National University; M.S., Yonsei University; M.S., Northeastern Illinois University; Ph.D., Arizona State University; M.S., Texas Woman's University

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B.S., M.A., New York University; Ph.D., Union Institute and University

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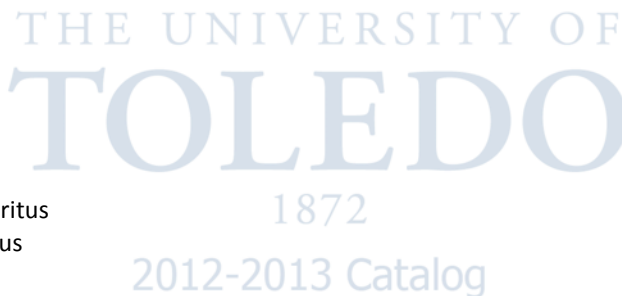
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John F. Ahern, 1969, professor emeritus
Alan Ashby, 1980, professor emeritus
Langston C. Bannister, 1971, professor emeritus
Reemt R. Baumann, 1966, professor emeritus
Martha E. Carroll, 1974, professor emerita
Gary E. Cooke, 1971, professor emeritus
John R. Cryan, 1978, professor emeritus
Dewitt C. Davison, 1967, professor emeritus
Jerome E. DeBruin, 1972, professor emeritus
Kenneth C. DeGood, 1958, professor emeritus
Dwayne L. DeMedio, 1975, professor emeritus
John N. Drowatzky, 1965, professor emeritus
Thomas G. Dunn, 1971, professor emeritus
Paula Dupuy, 1989, professor emerita
Richard J. Eastop, 1972, professor emeritus
Lester J. Elsie, 1971, professor emeritus
Gere B. Fulton, 1971, professor emeritus
Thomas C. Gibney, 1964, professor emeritus
George B. Gilmore, 1966, professor emeritus
Leonard Greninger, 1974, professor emeritus
Lynne M. Hudson, 1976, professor emerita
Joseph B. Hurst, 1972, professor emeritus
P. Brooke Johnson, 1960, professor emeritus
Stephen G. Jurs, 1970, professor emeritus
Mark B. Kinney, 1976, professor emeritus
Thomas R. Lopez, Jr., 1970, professor emeritus
Suzanne L. McFarland, 1976, professor emerita



Lionel R. McIlwain, 1969, professor emeritus
Dean L. Meinke, 1968, professor emeritus
Daniel L. Merritt, 1972, professor emeritus
Dean F Miller, 1970, professor emeritus
Roy A. Miller, 1969, professor emeritus
Hughes Moir, 1969, professor emeritus
Linda Murphy, 1973, professor emerita
Earl Murry, 1987, professor emeritus
Anthula Natsoulas, 1983, professor emerita
Edward J. Nussel, 1964, professor emeritus
Merritt H. Obreiter, 1978, professor emeritus
Richard R. Perry, 1949, professor emeritus
James W. Piper, 1977, professor emeritus
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James Price, 1980, professor emeritus
Steven L. Ranck, 1974, professor emeritus
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Philip J. Rusche, 1983, professor emeritus
Richard W. Saxe, 1966, Distinguished University Professor Emeritus
Dan Seemann, 1962, professor emeritus
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George B. Shirk, 1972, professor emeritus
Sam R. Snyder, 1969, professor emeritus
Joseph C. Sommerville, 1970, professor emeritus
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Donald C. Stolberg, 1963, professor emeritus
Robert F. Sullivan, 1983, professor emeritus
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Molly Treynor, 1965, professor emerita
Robert T. Utz, 1968, professor emeritus
Robert N. Wendt, 1975, professor emeritus
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