

# COLLEGE OF HEALTH AND HUMAN SERVICES

## Undergraduate Catalog 2017-2018

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# COLLEGE OF HEALTH AND HUMAN SERVICES

## Degrees/Programs Offered

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

**Criminal Justice** (degree)

**Exercise Science** (degree or minor)

The following concentrations are available:  
Human Performance and Fitness Promotion  
Pre-Medicine  
Pre-Occupational Therapy  
Pre-Physical Therapy  
Pre-Physician Assistant

**Health Care Administration** (degree)

**Health Information Administration** (degree or post baccalaureate certificate)

**Legal Specialties** (degree, associate, post-baccalaureate certificate, nurse paralegal certificate)

**Public Health** (degree or minor)

Pre-Medicine

**Recreational Therapy** (degree)

**Respiratory Care** (degree)

**Social Work** (degree)

**Speech Language Pathology** (degree)

# Admission Policies

## Requirements for Direct-From-High-School Students

**For all programs not listed below:**

- 2.7 GPA or 21 ACT/990 SAT (taken prior to March 2016) or 1070 SAT (taken after March 2016)

**Criminal Justice, Nurse Paralegal Certificate, Paralegal Studies, Social Work, and Undecided**

- 2.5 GPA or 19 ACT/910 SAT (taken prior to March 2016) or 990 SAT (taken after March 2016)

Students not meeting these requirements are admitted to the Department of Exploratory Studies in University College.

## Selective/Limited Admission

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

Public health  
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.
2. 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/Change of College

Students with satisfactory academic records wishing to transfer into the College of Health and Human Services 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.

Students in good standing who wish to change from another college within The University of Toledo to the College of Health and Human Services 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.

Health Science Majors: minimum 12 hours of earned college-level credit and 2.7 cumulative GPA to transfer

Criminal Justice, Paralegal Studies, and Social Work majors: 2.2 cumulative GPA if 12-29 hours of earned college-level credit; 2.4 cumulative GPA if 30-59 hours; and 2.5 cumulative GPA if 60+ hours

## 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.

## Honors Program

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

## Academic Policies

The College of Health and Human Services 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 coordinates academic advising for the College of Health and Human Services. 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 College of Health and Human Services are assigned academic advisers by major. Essential services provided by advisers include degree requirements, selective admissions within the college, and interpretations of college and University policies and procedures. Advisers are located within the Health and Human Services building.

## 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 the UT 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 College of Health and Human Services. 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 academic 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 College of Health and Human Services. A student may be dismissed for:

- Failing to meet the conditions of readmission after suspension from the College of Health and Human Services.
- Demonstrating patterns of behavior that are inappropriate for students preparing for professional 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 decision of the Dean 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 school 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 academic affairs of the College of Health and Human Services.

- The college's Petition for Academic Grievance is 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 College of Health and Human Services 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.

## Degree Requirements

Students in baccalaureate programs must complete a minimum of 120 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.

## College Requirements

The College of Health and Human Services is committed to the health and wellbeing of our students and the public. Consequently, all College of Health and Human Services students majoring in programs that require contact with patients or clients must provide verification of appropriate immunizations and exemplify ethical practice during their academic careers at The University of Toledo. The requirements for each major are specified under the respective programs.

## 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 College of Health and Human Services at The University of Toledo to be eligible for graduation.

Full-time students transferring into Health and Human Services 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

Apply online using the myUT portal. .

## School of Exercise & Rehabilitation Sciences

Exercise Science  
Occupational Therapy  
Physical Therapy  
Recreation Administration  
Recreational Therapy  
Respiratory Care



## Exercise Science

### Degree Programs

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

## Athletic Training

*Transitioning to graduate-level professional program and no longer admitting undergraduates effective fall 2016.*

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 for licensure. Athletic training is a regulated profession in 47 states, and the UT program meets or exceeds the criteria in almost all of those states.

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.

Athletic training students are required to have:

- Immunizations: Hepatitis B, MMR, TDap, Varicella, 2 step PPD as well as an annual intradermal test.
- Criminal background check: May be required by off campus clinical sites, at the student's expense.
- Physical requirements: Ability to assist patients during therapeutic exercise as well as lift/move/load equipment during practice preparation and teardown.
- Transportation: Students are responsible for their own transportation to sites within a 20 mile radius from campus.

For a detailed description of policies and procedures, see the website. <http://www.utoledo.edu/hhs/athletictraining/undergraduate/>

**Note: Students will no longer be accepted into the Bachelor of Science in Athletic Training Degree Program beginning Fall 2016.**

## 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

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

### Spring Semester

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

### Fall Semester

Year 2

KINE 2610 Lower Extremity Evaluation  
KINE 2630 Applied Anat for Athletic Training I  
KINE 2710 Clinical Skill Development I  
ENGL 2950 Scientific Tech Report Writing  
CHEM 1230 General Chemistry I  
CHEM 1280 General Chemistry I Lab

### **Spring Semester**

KINE 2620 Upper Extremity Evaluation  
KINE 2640 Applied Anat for Athletic Training II  
KINE 2720 Clinical Skill Development II  
KINE 2530 Human Physiology  
KINE 2540 Human Physiology Lab  
PSY 1010 Principles of Psychology  
COMM 1010 Communication Principles

### **Fall Semester**

Year 3

KINE 3630 Therapeutic Modalities  
KINE 3710 Clinical Skill Development III  
KINE 3520 Exercise Physiology  
KINE 3530 Exercise Physiology Lab  
KINE 3830 Strength Training  
PHYS 2070 Physics-Mechanical

### **Spring Semester**

KINE 3660 Rehab of Athletic Injuries  
KINE 3610 General Medical Conditions  
KINE 3720 Clinical Skill Development IV  
KINE 3680 Sport and Exercise Pharmacology  
Humanities/Fine Arts Elective  
Multicultural Elective

### **Fall Semester**

Year 4

KINE 4650 Organization and Admin of AT  
KINE 4710 Clinical Skill Development V  
HEAL 2500 Personal Health  
MATH 2600 Intro to Statistics  
KINE 4540 Applied Biomechanics  
KINE 4550 Biomechanics Lab

### **Spring Semester**

KINE 4720 Clinical Skill Development VI  
HEAL 4700 Nutrition Science  
Multicultural Elective  
Social Science Core Elective  
KINE Elective

## **Exercise Science Programs**

The Bachelor of Science degree in exercise science (B.S.E.S.) is 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: human performance and fitness promotion, pre-medicine, pre-occupational therapy, pre-physical therapy, and pre-physician assistant. Many students use the degree as a preparation for 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 is available at the program website:

<http://www.utoledo.edu/hhs/exercise-science/undergradprograms.html>

## **Human Performance and Fitness Promotion**

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 to the enhancement of health and fitness, and to the facilitation of sport performance through training and conditioning. The B.S.E.S. concentration in human performance and fitness promotion is 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 designed to enhance health, general fitness and exercise performance.

In addition to two internships, many 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 or, cardiovascular rehabilitation as well as many commercial fitness facilities.

## Requirements

- Immunizations: Hepatitis B, Rubella, Rubeola, Varicella (Chickenpox), Mumps, Tetanus/Diphtheria or Tetanus, Diphtheria and Acellular Pertussis, Tuberculosis, Flu Vaccination within past 12 months.
- Certification in CPR
- Criminal background check: required
- Physical requirements: must be able to move, lift or carry equipment weighing up to 50 lbs., push equipment up to 600 lbs., and lift/assist clients up to 300 lbs. with assistance. Must have full range of body motion and eye/hand coordination. Required to have corrected vision and hearing to normal range.
- Transportation: Students must provide own transportation to sites up to 100 mile radius

## Technical Skills

- Speech, Vision and Hearing Demands: Be able to interact and communicate effectively
- Physical Demands: Performance of appropriate exercise recommendations involves standing, walking, and moving of heavy exercise equipment.
- Mental Demands: Must possess the emotional health required for full utilization of intellectual abilities (appropriate medical judgment)

## Bachelor of Science in Exercise Science – Human Performance and Fitness Promotion Requirements

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

### Fall Semester

Year 1

BIOL 2170 Fund of Life Sciences I  
BIOL 2180 Fund of Life Sciences I Lab  
ENGL 1110 College Composition I  
HHS 1000 Orientation  
+KINE 1700 Intro to Exercise Science  
MATH 1340 Algebra & Trigonometry

### Spring Semester

+KINE 2510 Human Anatomy  
+KINE 2520 Human Anatomy Lab  
ENGL 2950 Scientific Tech Report Writing  
HEAL 1800 Medical Terminology  
Humanities/Fine Arts Elective  
Social Science Core Elective

### Fall Semester

Year 2

COMM 2840 Interpersonal Communication  
Multicultural Non-Western Elective  
+KINE 2530 Human Physiology  
+KINE 2540 Human Physiology Lab  
PHYS 2070 General Physics I (FL)

### Spring Semester

CHEM 1230 General Chemistry I  
CHEM 1280 General Chemistry I Lab  
+KINE 3520 Applied Exercise Physiology  
+KINE 3530 Exercise Physiology Lab  
KINE 2580 Human Patho for Health Care  
+KINE 3240 Conc of EXSC Fit and Heal Strat (FL)

### Fall Semester

Year 3

+KINE 3850 Cardiac Dysrhythmias Inter (FL)  
+KINE 3860 Cardiac Dysrhythmia Inter Lab (FL)  
+KINE 3830 Prin Stren and Condition (FL)  
+KINE 3620 Prof Respon in Fit Ind (FL)  
+KINE 4830 Prin of Endurance Cond (FL)  
Multicultural US Diversity

### Spring Semester

HEAL 4700 Nutritional Science  
+KINE 4850 Clinical Exercise Testing (SP)  
+KINE 4860 Clinical Exercise Testing Lab (SP)  
+KINE 3680 EXSC & Sport Pharmacology (SP)  
KINE 4540 Applied Biomechanics  
KINE 4550 Applied Biomechanics Lab  
Social Science



### Fall Semester

Year 4

+KINE 4640 Neuro/Patho Foundations  
+KINE 4640 Neuro/Patho Foundations  
+KINE 4140 Fitness Internship I (FL)  
HEAL 4750 Obes and Eat Disorders (FL)  
3000/4000 level elective  
HEAL 4560 Health Problems of Aging

### Spring Semester

+KINE 4840 Fitness Internship II (SP)  
+KINE 3950 Research Design in EXSC (SP)  
KINE 4210 Exsc Fac Management (SP)  
3000/4000 level elective  
Elective

+ Indicates that a "C" or better is required in this course  
Courses noted with FL or SP are only offered in those semesters

## Pre-Medicine

Students planning to enter medical school 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-Medicine Requirements

### Fall Semester

Year 1

BIOL 2170 Fund of Life Science I  
BIOL 2180 Fund of Life Science I Lab  
CHEM 1230 General Chemistry I  
CHEM 1280 General Chemistry I Lab  
MATH 1340 Algebra & Trigonometry  
HHS 1000 Orientation

### Spring Semester

BIOL 2150 Fund of Life Science II  
BIOL 2160 Fund of Life Science II Lab  
CHEM 1240 General Chemistry II  
CHEM 1290 General Chemistry II Lab  
ENGL 1110 College Composition I  
+KINE 1700 Intro to Exercise Science

### Fall Semester

Year 2

CHEM 2410 Organic Chemistry I  
CHEM 2460 Organic Chemistry I Lab  
+KINE 2510 Human Anatomy  
+KINE 2520 Anatomy Lab  
ENGL 2950 Scientific Tech Report Writing  
HEAL 1800 Medical Terminology  
PSY 1010 Principles of Psychology

### Spring Semester

CHEM 2420 Organic Chemistry II  
CHEM 2740 Organic Chemistry II Lab  
+KINE 2530 Human Physiology  
+KINE 2540 Human Physiology Lab  
KINE 2590 Microbiology and Infect Dis.  
PSY 2510 Lifespan Developmental Psychology

### Fall Semester

Year 3

KINE 2580 Human Pathophys for Heal Care  
PHIL 3370 Medical Ethics  
PHYS 2070 General Physics I (FL or SSI)  
CHEM 3510 Biochemistry (FL)  
RESM 4100 Educational Statistics

### Spring Semester

+KINE 3520 Applied Exercise Physiology  
+KINE 3530 Exercise Physiology Lab  
KINE 3950 Research Design in EXSC (SP)  
PHYS 2080 General Physics II (SP or SSII)  
KINE 3200 Advanced Human Anatomy

**Fall Semester**

Year 4

KINE 4540 Applied Biomechanics  
 KINE 4550 Applied Biomechanics Lab  
 +KINE 3850 Cardiac Dysrhythmias Interpret.  
 +KINE 3860 Cardiac Dysrhythmias Interpret. Lab  
 Multicultural Elective  
 Humanities/Fine Arts Elective

**Spring Semester**

HEAL 4700 Nutritional Science  
 KINE 4850 Clinical EXSC Testing  
 KINE 4860 Clinical EXSC Testing Lab  
 Social Science  
 COMM 2840  
 Multicultural Elective

+ Indicates that a "C" or better is required in this course

Courses noted with FL or SP are only offered in those semesters

**Pre-Occupational Therapy****Bachelor of Science in Exercise Science – Pre-Occupational Therapy 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 program for up-to-date information.

**Fall Semester**

Year 1

BIOL 2170 Fund of Life Science I  
 BIOL 2180 Fund of Life Science I Lab  
 MATH 1340 Algebra & Trigonometry  
 +KINE 1700 Intro to Exercise Science  
 HHS 1000 Orientation  
 Humanities/Fine Arts Elective

**Spring Semester**

BIOL 2150 Fund of Life Science II  
 BIOL 2160 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

**Fall Semester**

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

**Spring Semester**

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

**Fall Semester**

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

**Spring Semester**

COMM 2840  
 PSY 2200 Abnormal Psychology  
 Multicultural Elective  
 KINE 3680 Exercise and Sport Pharm  
 HHS 2/4980 PMD Clinical



**Fall Semester**

Year 4

KINE 4540 Applied Biomechanics  
 KINE 4550 Applied Biomechanics Lab  
 KINE 3240 Conc of EXSC Fit and Heal Strat  
 RESM 4100 Educational Statistics  
 PSY 2510 Lifespan Developmental Psychology  
 KINE 3200 Advanced Human Anatomy

**Spring Semester**

HEAL 4700 Nutritional Science  
 HEAL 4560 Health Problems of Aging  
 KINE 3950 Research Design in EXSC  
 Multicultural Elective  
 KINE 4640 Neuro and Patho of Rehab

\*Biology, Chemistry, and Math placement can alter this sequence\*

\*\*Please be aware that requirements for Occupational Therapy graduate programs may vary. It is your responsibility to make sure you have completed all pre-requisites for the graduate programs to which you plan to apply.\*\*

+ Indicates that a "C" or better is required in this course  
 Courses noted with FL or SP are only offered in those semesters

## 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 to provide the ideal preparation for admission into the university's doctoral 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 Doctor in Physical Therapy program, long 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 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 program for up-to-date information.

**Fall Semester**

Year 1

BIOL 2170 Fund of Life Science I  
 BIOL 2180 Fund of Life Science I Lab  
 MATH 1340 Algebra & Trigonometry  
 +KINE 1700 Intro to Exercise Science  
 HHS 1000 Orientation  
 Humanities/Fine Arts Elective

**Spring Semester**

BIOL 2150 Fund of Life Science II  
 BIOL 2160 Fund of Life Science II Lab  
 PSY 1010 Principles of Psychology  
 HHS 2980 PMD Clinical  
 HEAL 1500 First Aid  
 ENGL 1110 College Composition I

**Fall Semester**

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

**Spring Semester**

HEAL 1800 Medical Terminology  
 CHEM 1240 General Chemistry II  
 CHEM 1290 General Chemistry II Lab  
 +KINE 2530 Human Physiology  
 +KINE 2540 Human Physiology Lab  
 Multicultural Elective

**Fall Semester**

Year 3

KINE 2960 Growth, Devel & Motor Lng  
 +KINE 3520 Applied Exercise Physiology  
 +KINE 3530 Exercise Physiology Lab  
 PHYS 2070 General Physics I (**FL or SSI**)  
 PSY 2200, 2510 or 2700

**Spring Semester**

COMM 2840 or 1010  
 PHYS 2080 Physics II (**SP or SSII**)  
 Pre-PT Elective  
 KINE 2580 Pathophysiology

**Fall Semester**

Year 4

KINE 4540 Applied Biomechanics  
 KINE 4550 Applied Biomechanics Lab  
 RESM 4100 Educational Statistics  
 HEAL 4560 Health Problems of Aging  
 KINE 3240 Conc of EXSC Fit and Heal Strat  
 KINE 3200 Advanced Human Anatomy

**Spring Semester**

HEAL 4700 Nutrition Science  
 KINE 4640 Neuro and Patho of Rehab  
 KINE 3950 Research Design in EXSC  
 Multicultural Elective  
 Pre-PT Elective

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.

\*Biology, Chemistry, and Math placement can alter this sequence\*

\*\*Please be aware that requirements for Physical Therapy graduate programs may vary. It is your responsibility to make sure you have completed all pre-requisites for the graduate programs to which you plan to apply.\*\*

+ Indicates that a "C" or better is required in this course  
 Courses noted with FL or SP are only offered in those semesters

**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 Requirements****Fall Semester**

Year 1

+BIOL 2170 Fund of Life Science I  
 +BIOL 2180 Fund of Life Science I Lab  
 MATH 1340 Algebra & Trigonometry  
 +KINE 1700 Intro to Exercise Science  
 HHS 1000 Orientation  
 ENGL 1110 College Composition I

**Spring Semester**

+BIOL 2150 Fund of Life Science II  
 +BIOL 2160 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

### Fall Semester

Year 2

CHEM 1230 General Chemistry I  
CHEM 1280 General Chemistry I Lab  
+KINE 2510 Human Anatomy  
+KINE 2520 Anatomy Lab  
KINE 2960 Growth, Devel & Motor Lng  
Humanities/Fine Arts Elective

### Spring Semester

CHEM 1240 General Chemistry II  
CHEM 1290 General Chemistry II Lab  
+KINE 2530 Human Physiology  
+KINE 2540 Human Physiology Lab  
KINE 3240 Conc of EXSC Fit and Heal Strat  
PSY 2510 Lifespan Developmental Psychology

### Fall Semester

Year 3

CHEM 2410 Organic Chemistry I  
CHEM 2460 Organic Chemistry I Lab  
BIOL 3030 Cell Biology  
Social Science Core Elective  
PHIL 3370 Medical Ethics  
KINE 2590 Microbiology and Infectious Dis

### Spring Semester

COMM 2840 Interpersonal Communication  
BIOL 4030 Microbiology  
BIOL 4040 Microbiology Lab  
Multicultural Elective  
+KINE 3520 Applied Exercise Physiology  
+KINE 3530 Applied Exercise Physiology Lab

### Fall Semester

Year 4

KINE 3850 Cardiac Dysrhythmias Interpret. (FL)  
KINE 3860 Cardiac Dysrhythmias Interpret Lab (FL)  
KINE 3200 Advanced Human Anatomy  
RESM 4100 Educational Statistics  
PHYS 2070 General Physics I (FL or SSI)

### Spring Semester

HEAL 4700 Nutritional Science  
KINE 4540 Applied Biomechanics  
KINE 4550 Applied Biomechanics Lab  
KINE 4850 Clinical EXSC Testing (SP)  
KINE 4860 Clinical EXSC Testing Lab (SP)  
Pre-PA Elective

\*Biology, Chemistry, and Math placement can alter this sequence\*

\*\*Please be aware that requirements for Physician Assistant graduate programs may vary. It is your responsibility to make sure you have completed all pre-requisites for the graduate programs to which you plan to apply.\*\*

+ Indicates that a "C" or better is required in this course  
Courses noted with FL or SP are only offered in those semesters

## Minor in Exercise Science

A minor in exercise science provides 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 program 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 2580 Human Pathophysiology for Health Care	3
KINE 2590 Microbiology and Infectious Diseases	3
KINE 3240 Concepts of Exercise, Fitness & Health	2
KINE 3680 Sport and Exercise Pharmacology	2
+KINE 3850 Cardiac Dysrhythmia Interpretation	3
+KINE 3860 Cardiac Dysrhythmia Interpretation Lab	1
KINE 4850 Clinical Exercise Testing	3
KINE 4860 Clinical Exercise Testing Lab	1
KINE 4900 Independent Study	1-3

\*Courses may be substituted 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.

## Recreational Therapy

The University of Toledo offers a bachelor of science (BS) in recreational therapy (RECT). The baccalaureate RECT program is accredited by the National Recreation and Park Association (NRPA). 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 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.

## Bachelor of Science in Recreation Therapy

Students wishing to major in the recreation therapy program enter as pre-recreational therapy majors. The pre-recreational therapy student enrolls in University undergraduate core curriculum courses, pre-recreational therapy curriculum courses and recreational therapy support curriculum courses.

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.

## Requirements

- Current certification in CPR
- Immunizations: Mantoux, Rubella Titer/ Roseolla (MMR), Hepatitis B required. Additional immunizations may be required by internship agency.
- Background checks: May be required by internship agency
- Physical requirements: "Fit for Duty" test may be required internship agency
- Transportation: Students must provide their own transportation to internship site

## 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 program for up-to-date information.

### Fall Semester

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 Reasoning with Math  
HHS 1000 College Orientation

### Spring Semester

RCRT 1310 Recreation Programming  
PSY 2510 Lifespan Developmental Psychology  
ENGL 2960 Org Report Writing  
Natural Science Elective

**Fall Semester**

Year 2

KINE 1560 Fund of Anatomy & Physiology  
 KINE 1460 Fund of Anatomy & Physiology Lab  
 PSY 2200 Abnormal Psychology  
 Multicultural (Non-US) Elective  
 Humanities Elective

**Spring Semester**

RCRT 3310 Inclusive Recreation  
 RCRT 4720 Intro to Therapeutic Recreation  
 HEAL 2500 Personal Health  
 HEAL 1800 Medical Terminology  
 Humanities Elective

**Fall Semester**

Year 3

RCRT 4730 Med/Clinical Aspects in TR  
 RCRT 4740 Assessment & Doc TR  
 RCRT 4000 Community and Event Planning  
 Select 3 from RCRT 4600, 4610, 4630, 4660, 4670  
 Multicultural (US) Elective

**Spring Semester**

RCRT 4750 Group Dynamics in RT  
 RCRT 4790 Med/Clinical Aspects in TR II  
 RCRT 4340 Leisure Recreation & Aging  
 Select 3 from RCRT 4600, 4610, 4630, 4660, 4670

**Summer Semester**

RCRT 4840 RT Clinical: Pediatric  
 RCRT RT Clinical: Physical Rehab

**Fall Semester**

Year 4

RCRT 4450 Research Applications in Rec & RT  
 RCRT 3710 Leadership & Administration in Outdoor Pursuits  
 RCRT 4850 Internship Prep: RECT  
 Select 2 from RCRT 4810, 4820, 4830  
 Sect 2 from RCRT 4620, 4640, 4680, 4690, 4860  
 Track Elective

**Spring Semester**

RCRT 4330 Administration Rec & RT  
 RCRT 4870 Program Planning RT  
 Select 1 from RCRT 4810, 4820, 4830  
 Select 2 from RCRT 4620, 4640, 4680, 4690, 4860  
 Track Elective

**Summer Semester**

RCRT 4770 Project Design  
 RCRT 4780 Project Evaluation  
 RCRT 4940 Senior Internship  
 RCRT 4940 Senior Internship

**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 Health and Human Service.

UT Pre-Occupational Therapy Requirements – 6 hours

BIOL 1120 Survey of Biology  
 OCCT 2550 Purposeful Living Role of Occupational Therapist

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/hhs/ot/program/admission.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.

## 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 diseases 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 pulmonary disease (COPD), pneumonia, cystic fibrosis, acute and infantile respiratory distress syndrome as well as conditions brought on by shock, trauma or post-operative surgical complications. Respiratory therapists function 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 examination to become a Registered Respiratory Therapist (RRT) as well as take specialty examinations in the areas of Perinatal/pediatrics, Adult Critical Care, Sleep Disorders and and Pulmonary Function Technology.

For additional information please visit the Respiratory Care Website at, <http://www.utoledo.edu/hhs/respiratorycare/>

## Selective Admissions Requirements

Acceptance into the Professional Division of the Respiratory Care Program is limited due to clinical space. Once admitted to the University, students must file a separate application for the respiratory care program with the program selective admissions committee through the Office of Student Services. Generally, this occurs during the second semester of the sophomore year. To be eligible for admission to the Professional Division of the Respiratory Care Program the criteria listed below must be met.

- 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 separately from overall GPA.
- Admission to the Professional Division is based primarily upon the overall GPA and the GPA in math and science prerequisite classes.

## Requirements for Entry into the Respiratory Care Program

The Respiratory Care Program complies with the American with Disabilities Act (ADA). If a prospective student is unable to meet the required "Functional Abilities/Core Performance Standards," the student may consult with Program faculty and with an Accessibility Specialist from The University of Toledo Office of Accessibility to determine, on a case by case basis, if reasonable accommodations can be made that would permit the student to meet these "Functional Abilities/Core Performance Standards" and thus enter into the program. For a list of "Functional Abilities/Core Performance Standards" please refer to the following website: [http://www.utoledo.edu/hhs/respiratorycare/pdfs/RESP\\_Functional\\_Abilities\\_Perf.pdf](http://www.utoledo.edu/hhs/respiratorycare/pdfs/RESP_Functional_Abilities_Perf.pdf)

Other requirements for entry in the Program include completion of the following:

- Physical exam form and Fit for Duty Form
- Positive Hepatitis B antibody titer or evidence of completion of 3-shot Hepatitis B vaccination series
- Positive antibody titers for Rubella, Rubeola, Mumps, and Varicella. If titers are not positive, vaccination must be completed
- Tuberculosis 2-step skin test (yearly). If positive, must have negative chest x-ray
- Evidence of tetanus and diphtheria vaccination within last 10 years
- Annual multivalent flu vaccination

## 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 program for up-to-date information.

### Fall Semester

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

### Spring Semester

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

### Fall Semester

Year 2

KINE 2590 Microbiology & Inf Disease  
HEAL 3800 Death & Dying  
CMPT 1100 MS Office Applications  
Professional Support Elective  
Multicultural Elective

### Spring Semester

HEAL 4700 Nutrition Science  
PHIL 3370 Medical Ethics  
PSY 1010 Intro to Psychology  
Professional Support Elective  
Humanities Elective

### Summer Semester

RCBS 3010 Respiratory Fundamentals  
RCBS 3020 Respiratory Care Practice

### Fall Semester

Year 3

RCBS 3110 Resp Care Therapeutics  
RCBS 3120 Resp Care Practice II  
RCBS 3130 Cardiopulmonary Diagnos

### Spring Semester

RCBS 3210 Resp Care Therapeutics II  
RCBS 3220 Resp Care Practice III  
RCBS 3230 Cardiopulmonary Diagn  
Social Science Elective

### Fall Semester

Year 4

RCBS 4140 Integrated Clinical Prac I  
RCBS 4150 Neonatal/Pediatric Res.  
RCBS 4160 Clinical Assessment  
RCBS 4700 Res Analysis in Res Care  
RCBS 3300 Adv Cardiac Life Support

### Spring Semester

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

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.

It is suggested that individuals interested in pursuing this option meet with the Program Director and an academic advisor in the Office of Student Services prior to applying to have prior coursework evaluated for transfer credit to the University of Toledo.

## 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
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## Occupational Therapy Program

The program in occupational therapy is on the graduate level. Pre-occupational therapy programs are available in the exercise science program and the recreational therapy program. 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

## Physical Therapy Program

The program in physical therapy is on the graduate level. The pre-physical therapy program is available in the exercise science program. Students are encouraged to review the admission requirements of the graduate physical therapy program while preparing as an undergraduate student.



# School of Intervention & Wellness

Counselor Education  
School Psychology  
Speech-Language Pathology

## 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 is 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

CESP Electives – 15 hours (At least 8 hours must be at 3000 or 4000 level)

COUN 1240 Substance Abuse Issues in Mental Health

COUN 2120 Group and Therapeutic Approaches

COUN 2220 Family Theories & Cult Infl in Mental Health

COUN 3110 Case Management in Mental Health

COUN 3140 Substance Abuse Pre & Com Program

COUN 3150 Models of Treatment for Substance Abuse

COUN 3220 Theories in Mental Health

COUN 4080 Essentials of Helping Relationships

COUN 4240 Substance Abuse Treatment Techniques

## Undergraduate Certificate in Chemical Dependency Counseling

This certificate program will help students meet the academic requirements for licensure as a Licensed Chemical Dependency Counselor II or Licensed Chemical Dependency Counselor III. 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 a 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
COUN 2120	Group and Therapeutic Approaches
COUN 2220	Family Theories & Cult Infl in Mental Health
HEAL 3300	Drug Awareness
COUN 3140	Substance Abuse Pre & Com Program
COUN 3150	Models of Treatment for Substance Abuse
COUN 4240	Substance Abuse Treatment Techniques

## 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.

### Requirements

The University of Toledo admits and matriculates qualified speech-language pathology students in accordance with the UT Policy of Nondiscrimination on the Basis of a Disability, The Americans with Disabilities Act, Section 504 of the Rehabilitation Act of 1973, The State of Ohio Revised Code, and other applicable statutes and regulations relating to equality of opportunity.

The Essential Functions provide information to allow a candidate to make an informed decision for application and are a guide to accommodation of students with disabilities. Academic adjustments can be made for disabilities in some instances, but a student must be able to perform the essential functions of a speech language pathologist independently either with or without reasonable accommodation.

Many physical, behavioral and social, and cognitive and intellectual abilities are necessary for satisfactory mastery of the academic and clinical curriculum and professional responsibilities in the field of speech-language pathology. Essential physical abilities include, but are not limited to, the ability to visually monitor patient responses and materials and to make judgments about speech and acoustic signals. Examples of behavioral and social attributes include maintaining emotional and mental health necessary to use one's intellectual abilities, to promptly complete responsibilities, and to develop appropriate relationships with faculty, supervisors, staff, peers, clients, parents or caregivers, and other professionals. Essential cognitive and intellectual abilities include, among others, demonstrating the mental capacity to learn and assimilate professional information, including the ability to comprehend oral and written professional literature and reports; ability to write discipline-specific papers and clinical reports in Standard American English; ability to speak Standard American English intelligibly and to discriminate correct production of and model Standard American English phonemes, vocabulary, grammatical forms, and prosodic patterns. We urge applicants to ask questions about the program's technical standards for clarification and to determine whether they can meet the requirements with or without reasonable accommodations. Such questions may be directed to the Program Director or the Academic Enrichment Center on campus.

Each student, while enrolled in the didactic and clinical portions of the speech-language pathology curriculum, is required to complete various immunizations: Positive MMR titers, Positive Varicella titer, Positive Hep B titer, Hep B Vaccination Series, Current Tdap, 2-step Initial TB test, and 1-step Annual TB test, as specified in the Student Health Form Packet in the Appendix of the Speech-Language Pathology Program Student Handbook.

For detailed information see: <http://www.utoledo.edu/hhs/speech/undergradprogram.html>

**Students are prohibited to engage in laboratory activities or to attend clinical facilities if this information is not on file for the current year.** It should also be noted that some clinical education sites have **additional health requirements** (flu shots, drug screens, etc.). All expenses incurred in obtaining a physical, necessary laboratory tests, immunizations and additional health requirements are the responsibility of the student.

All speech-language pathology students are required to complete both an Ohio BC&I check and an FBI criminal background check prior to participating in any clinical experiences.

## 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 program 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

Year 1

SLP 2400 Intro to Communication Disorders  
HHS 1000 Freshman Orientation  
PSY 1010 Principles of Psychology  
SOC 1010 Intro to Sociology  
ENGL 1110 College Composition I  
Physical Science

### Spring Semester

KINE 2560 Anatomy & Physiology I  
KINE 2460 Anatomy & Physiology I Lab  
ENGL 2960 or Comp II  
Humanities/Fine Arts Elective  
General Elective

### Fall Semester

Year 2

SLP 3020 Anat & Phy of Comm Mechanism  
SLP 3030 Normal Language Acquisition  
Multicultural Elective (1US, 1 Non-US)  
General Electives

### Spring Semester

SLP 3150 Speech Science  
SLP 3010 Phonetics  
SLP 3300 Artic & Phonology  
Humanities/Fine Arts Elective

### Fall Semester

Year 3

SLP 3200 Artic & Phonology  
HEAL 1500 First Aid  
HEAL 1800, 2500, 4560, COUN 2220 or 4080  
SPED 2040 Perspectives  
General Elective

### Spring Semester

\*SLP 3800 Methods for Clinical Intervention (requires  $\geq 3.25$  GPA)  
Multicultural (1 US, 1 non-US)  
MATH 2600 Statistics  
HEAL 1800, 2500, 4560, COUN 2220 or 4080  
SPED 4110 Moderate Needs

### Fall Semester

Year 4  
\*SLP 3800 Methods for Clinical Intervention (requires  $\geq 3.25$  GPA)  
\*\*SLP 4000 Beginning Clinical Practicum  
General Elective

### Spring Semester

\*\*SLP 4000 Beginning Clinical Practicum  
SLP 3400 Audiology  
General Electives

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.

\*Course may be taken either term where indicated.

## School of Population Health

Health Care Administration  
Health Education  
Health Information Administration  
Occupational Health  
Public Health

### Degree Programs

Health Care Administration  
Health Information Administration  
Public Health  
Pre-Medicine

### Health Care Administration Requirements

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.

### Health Care Administration Internship

The healthcare administration internship provides students with an opportunity to apply educational achievements in a health care setting. Students will be exposed to health care administration operations through project-based work. Project opportunities will vary and reflect both the participant's learning goals and the needs of the health care organization.

To be considered for the internship, students need to:

- Have declared Health Care Administration as their major at least one semester before beginning the internship
- Complete at least 12 credit hours in Health Care Administration required courses with a minimum grade of "C" in each course
- Have a current overall grade point average of at least 2.50
- Apply to the Health Care Administration internship prior to their last semester before graduating
- Complete the Health Care Administration application three months prior to the semester starting
- Provide resume to Health Care Administration faculty
- Interview with Health Care Administration faculty and health care organization
- Be able to provide their own transportation to the health care organization
- Attend health care organization's orientation
- Complete required immunizations from the health care organization
- Obtain security badge form health care organization
- Have approval from Health Care Administration faculty to complete internship

## 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.

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

### Fall Semester

Year 1

ENGL 1110 College Composition I  
MATH 1730 Calculus with Business Applications  
BUAD 1020 Micro-Comp. Applications or CMPT 1100 MS Office Applications  
Humanities/Fine Arts Elective  
HHS 1000 Orientation

### Spring Semester

ENGL 2960 Organizational Report Writing  
ECON 1200 Principles of Microeconomics  
HEAL 1800 Medical Terminology  
SOC 1010 Introduction to Sociology  
Multicultural Elective

### Fall Semester

Year 2

BUAD 2040 Fin Accounting Info or ACTG 1040 Principles of Financial Accounting  
ECON 1150 Principles of Macroeconomics  
HEAL 2700 Introduction to Public Health  
Multicultural Elective  
Program Elective

### Spring Semester

BUAD 2050 Acct. for Bus. Decision Making or ACTG 1050 Principles of Management Accounting  
KINE 1560 Fundamentals of Anatomy and Physiology  
KINE 1460 Fundamentals of Anatomy and Physiology Lab  
HCAR 3000 Intro to Health Care Administration  
Program Elective  
General Elective

### Fall Semester

Year 3

BUAD 3030 Mang & Behavioral Process  
BUAD 2060 Data Analysis for Business or MATH 2630 Stats for Bus & Econ or MATH 2600 Statistics  
Natural Science Elective  
HCAR 4560 Services in Healthcare  
Humanities/Fine Arts Elective

### Spring Semester

BUAD 3010 Principles of Marketing  
PHIL 3370 Medical Ethics  
HCAR 4360 Quality Improve in Health Care  
HCAR 4570 Resources in Healthcare  
HEAL 3800 Death and Dying  
General Elective

### Fall Semester

Year 4

HCAR 4530 Problem Solving in Health Care Environment  
HCAR 4550 Health Care Finance  
HEAL 4560 Health Problems of Aging  
HURM 3630 Conflict Res & Negotiations  
General Elective

### Spring Semester

HCAR 4580 Leadership in Healthcare  
HCAR 4540 Internship in Health Management  
General Elective  
Program Elective  
HURM 3220 Human Resource Management

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

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

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 program for up-to-date information.

### Fall Semester

Year 3

ENGL 2960 Organizational Report Writing  
ECON 1200 Principles of Microeconomics  
HCAR 4510 Medical/Legal Aspect of Health Care  
BUAD 2040 Financial Accounting Info  
MATH 1180 or higher

### Spring Semester

HCAR 4500 Health Care Info Systems  
ECON 1150 Principles of Macroeconomics  
HCAR 4360 Quality Improvement in Health Care  
BUAD 3030 Managerial and Behavioral Process  
HCAR 3000 Intro to Health Care Administration

### Fall Semester

Year 4

HCAR 4530 Problem Solving in Health Care  
HURM 3220 Intro to Human Resources Management  
BUAD 3010 Principles of Marketing  
MATH 2600 Statistics, BUAD 2060 Data Analysis for Business or HEAL 4800 Public Health 7 Res Stats  
Program Elective

### Spring Semester

HCAR 4550 Health Care Finance  
HCAR 4540 Internship in Health Management  
PHIL 3370 Medical Ethics  
Program Elective(s)

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

## Bachelor of Science in Health Information Administration

The curriculum of the Bachelor of Science degree in health information administration (HIA) can be completed online. It 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.

The Health Information Administration program is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM) 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).

## Requirements

Professional practice experience (PPE) is an integral part of the health administration curriculum. The PPE is project oriented with students acting as Project Managers, creating a proposal letter and project forms, deliverable(s), presentation, survey and follow up analysis. Sites and projects vary by location. Students are required to meet all site requirements including immunizations and background checks. Students must provide their own transportation to the site.

## Bachelor of Sciences in Health Information 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 program for up-to-date information.



**Fall Semester**

Year 1

ENGL 1110 College Composition I  
BUAD 1020 Microcomputer Applications or CMPT 1100 Computer Info Systems  
KINE 1560 Fundamentals of Anatomy and Physiology I  
KINE 1460 Fundamentals of Anatomy and Physiology Lab  
Multicultural Elective  
HHS 1000 Orientation

**Spring Semester**

MATH 2600 Introduction to Statistics  
CMPT 1420 Data Management Syst. Applications  
BMGT 1540 Organizational Behavior or BUAD 2030 Leadership and Org Sur Skills  
BMGT 2020 Human Resource Development  
Social Science Elective

**Fall Semester**

Year 2

ENGL 2950 Science & Technical Report or ENGL 2960 Organizational Report Writing  
KINE 2580 Human Pathophysiology  
HIM 2230 HC Documentation Requirements  
HIM 2260 Legal Issues in HIM  
HIM 2300 HC Res, Payers & Consumer

**Spring Semester**

HIM 2210 Med Linguistics in Ancillary Services  
ACTG 2310 Cost Accounting in HR  
INF 3250 Software Applications in Business  
COMM 3880 Professional Business Communications  
Social Science Elective

**Fall Semester**

Year 3

HIM 2310 Acute Care Clinical Class Systems  
HIM 2350 Reimbursement Methodologies  
HIM 3940 Healthcare Content and Record  
Multicultural Elective  
Humanities/Fine Arts Elective

**Spring Semester**

HIM 2320 Ambulatory Clinical Classification  
HIM 3240 Health Info Admin Practices  
Upper Division Program Support Course  
Humanities/Fine Arts Elective  
Natural Science Elective

**Fall Semester**

Year 4

HIM 4210 Healthcare Stats, Registry, Resch  
HIM 4230 Compliance & Ethical Issues  
HCAR 4360 Quality Improvement – Health Care  
Upper Division Program Support Course

**Spring Semester**

HIM 4910 Integrative Capstone Experience  
HIM 4940 Professional Practice  
HIM 4500 Health Care Informatics  
Upper Division Program Support Course  
Elective (foreign language recommended)

Graduation requires 120 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 program for support course selection.

## Bachelor of Science in Public Health

The public health program prepares students to work in non-profit health organizations, in local, state and national government health agencies, or in worksite wellness. A public Health major and minor are available. The program mission is to prepare students to use theory-driven approaches to promote health and prevent disease within specific populations. The program is reviewed and fully accredited by the SOPHE/AAHE Baccalaureate Approval Committee (SABPAC).

The public health field is growing increasingly competitive. To enroll in the core requirement courses, including the sophomore level practicum and 400-hour senior internship, a minimum 2.7 GPA is required. Because of the strong engagement with the community, students are held to a high level of professionalism. Students are expected to perform with excellence in the classroom; act with a high level of professionalism in all areas; join and actively participate in our student organization (Eta Sigma Gamma); attend local, state, and/or regional professional conferences; get involved in research with faculty members; and participate in community service.

## Bachelor of Science in Public Health – Degree Requirements

Students should follow and complete the degree requirements as displayed in the public health program of study chart found on the Bachelor of Science in Public Health website.

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

### Fall Semester

Year 1

ENGL 1110 College Composition I  
HEAL 2000 Foundations for Health Ed  
MATH 1180 Reasoning with Math  
Multicultural Elective  
Humanities/Fine Arts Elective  
HHS 1000 Orientation

### Spring Semester

ENGL 2950 Science Technical Report Writing  
HEAL 2700 Public Health  
BIOL 2150 Fundamentals of Life Sciences  
BIOL 2160 Fundamentals of Life Sciences Lab  
SOC 1020 Social Problems Humanities/Fine Arts Elective

### Fall Semester

Year 2

KINE 2510 Human Anatomy  
KINE 2520 Human Anatomy Lab  
HEAL 2750 Intro to Epidemiology  
Skills/Comm Health Elective  
HEAL Health Elective  
Elective

### Spring Semester

KINE 2530 Human Physiology  
KINE 2540 Human Physiology Lab  
HEAL 2400 General Safety  
HEAL 2940 Practicum in Community Health  
Multicultural Elective  
Skills/Community Health Elective

### Fall Semester

Year 3

HEAL 3000 Global Health  
HEAL 3600 Prev/Control of Disease  
HEAL 4700 Nutritional Science  
Social Science Elective  
Elective

### Spring Semester

HEAL 3500 Environmental Health  
HEAL 4800 Public Health Research /Stats  
KINE 3730 Fitness Assessment/Program  
Skills/Comm Health Elective  
Elective

### Fall Semester

Year 4

KINE 3520 Applied Exercise Physiology  
HEAL 4100 Health Behavior  
HEAL 4200 Methods/Materials in Com Health  
HEAL Health Elective  
Social Science Support Elective

### Spring Semester

HEAL 4940 Senior Field Experience  
KINE 2590 Micro and Infectious Disease  
Social Science Support Elective



## Bachelor of Science in Public Health – Pre-Medicine Major

Public Health: Pre-Med is a 124 credit hour track option within the existing Bachelors of Science in Public Health. This track meets all of the accreditation requirements through the core public health courses and includes a variety of other classes to supplement this core. The Pre-Med track is targeted toward those students who are interested in impacting the health and well-being of communities and want to build upon that with a medical degree after the completion of the bachelor's degree. This track provides several options upon completion of the degree: 1) meet all of the requirements for admission into most medical schools and also have additional coursework that will provide a strong foundation for a physician; 2) obtain a career in the field of public health education which the Bureau of Labor Statistics predicts to have a 21% growth by 2022; or 3) seek graduate education in a public health field.

Students should follow and complete the degree requirements as displayed in the program of study for the public health: pre-med track found on the Bachelor of Science in Public Health website.

Below is a sample curriculum for the Bachelor of Science in Public Health: Pre-Med Track. Sample curriculum is subject to change. Please consult the program for up-to-date information.

### Fall Semester

Year 1

Year 1

HHS 1000 Orientation  
BIOL 2150 Fund of Life Science  
BIOL 2160 Fund of Life Science Lab  
CHEM 1230 General Chemistry I  
CHEM 1280 General Chemistry I Lab  
ENGL 1110 Composition I

### Spring Semester

BIOL 2170 Fund of Life Science II  
BIOL 2180 Fund of Life Science II Lab  
CHEM 1240 General Chemistry II  
CHEM 1290 General Chemistry II Lab  
ENGL 2950 Scientific/Tech. Report Writing

### Fall Semester

Year 2

KINE 2510 Human Anatomy  
KINE 2520 Human Anatomy Lab  
HEAL 2600 Mental Health  
MATH 1750 Math for the Life Sciences I  
Core Humanities Elective  
HEAL 2500 Personal Health

### Spring Semester

KINE 2530 Human Physiology  
KINE 2540 Human Physiology Lab  
MATH 1760 Math for the Life Sciences II  
HEAL 2700 Intro to Public Health  
Multicultural Elective

### Fall Semester

Year 3

CHEM 2410 Organic Chemistry I  
CHEM 2460 Organic Chem I Lab  
Core Humanities Elective  
Multicultural Elective  
HEAL 3000 Global Health  
HEAL 2750 Intro to Epidemiology

### Spring Semester

CHEM 2420 Organic Chemistry II  
CHEM 2470 Organic Chemistry II Lab  
Support Elective  
HEAL 4800 Public Health Research and Stats  
HEAL 3600 Prevention and Control of Disease  
HEAL 3500 Environmental Health

### Fall Semester

Year 4

PHYS 2070 General Physics I  
CHEM 3510 Biochemistry I  
HEAL 4100 Health Behavior  
HEAL 4200 Methods/Mat'l in Public Health  
HEAL 4700 Nutritional Science



### Spring Semester

PHYS 2080 General Physics II  
CHEM 3520 Biochemistry II  
HEAL 4940 Senior Field Experience  
HEAL 3800 Death and Dying  
Support Elective

## School of Social Justice

Criminal Justice  
Legal Specialties  
Social Work

### Criminal Justice Programs

The undergraduate programs in criminal justice include a baccalaureate degree in criminal justice as well as minors in criminal justice and in forensic science investigation. The program can be completed as a land-based program; the **entire undergraduate degree in criminal justice can also be completed online.**

### Bachelor of Science in Criminal Justice

The Bachelor of Science (B.S.) degree in criminal justice prepares 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 part 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 and 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 program for up-to-date information.

### Fall Semester

Year 1  
ENGL 1110 College Composition I  
SOC 1010 Intro to Sociology  
CRIM 1010 Criminal Justice  
CRIM 1040 Human Relations  
HHS 1000 Orientation  
Computer Science Course

### Spring Semester

ENGL 1130 College Comp II (or higher)  
CRIM 1110 Penology  
CRIM 1240 Policing  
MATH 1180 Reasoning with Math (or higher)  
Multicultural Course

**Fall Semester**

Year 2

CRIM 2200 Criminal Law

CRIM 2230 Criminal Procedure

Humanities/Fine Arts Course

Natural Science

Elective

**Spring Semester**

CRIM 2250 Juvenile Justice

CRIM 2050 Applied Criminology

PSC 1200 American National Government

Natural Science Course w/Lab

Elective\*

**Fall Semester**

Year 3

PSY 1010 Principles of Psychology

CRIM Elective

Humanities/Fine Arts

Multicultural Elective

Elective

**Spring Semester**

CRIM 4100 Research Methods CJ

CRIM 3210 Applied Psych for CJ Personnel

CRIM Elective

Elective

Elective

**Fall Semester**

Year 4

CRIM 4200 Ethics in Criminal Justice

CRIM 4590 Administration of Criminal Justice

Elective

Elective

Elective

**Spring Semester**

CRIM Elective

CRIM Elective

Elective

Elective

Elective

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.

The Criminal Justice Program offers qualified students the opportunity to attend a Police Academy as a UT student and receive 16 hours of 3000 level academic (elective) credit in criminal justice. Check with the Criminal Justice Program for specific information on opportunities and qualifications to attend a Police Academy as a UT student.

**Minor in Criminal Justice**

The minor in criminal justice gives students an overview of the criminal justice discipline; it includes an introductory course and a foundation 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 Criminal Procedure	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 provides 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 2010 Major Concepts in Biology	3
KINE 1560 Fundamentals of Anatomy & Physiology	3
KINE 1460 Fundamentals of Anatomy & Physiology 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 co-requisites for the required courses in the minor.

## Legal Specialties Programs

Undergraduate programs related to the legal profession are in this School. Programs include academic course work and practical experiences designed to develop the knowledge, critical thinking and communication skills necessary for contributing to the legal profession. All of the program 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. Contact the program office at 419.530.7746 for more information.

## 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.

## Associate of Applied Science- Paralegal Program Degree Requirements

Below is a sample curriculum for associate of applied science in the paralegal program. Sample curriculum is subject to change. Please consult the program for up-to-date information.

### Fall Semester

Year One

LGL 1010 Introduction to Law  
 LGL 1720 Law Practice Management  
 LGL 2120 Real Estate Law  
 ENGL1110 College Composition I  
 MATH 1180 Reasoning with Math or  
 MATH 1320 College Algebra

### Spring Semester

LGL 1150 Tort Law  
 LGL 1160 Legal Research, Wrtg & Case Analysis  
 LGL 2110 Estate & Probate Administration  
 ENGL 1130 College Composition II (or higher)  
 Social Science Elective

### Fall Semester

Year Two

LGL 2020 Civil Procedure  
 LGL Law Elective\*  
 ACTG 1040 Principles of Financial Accounting or  
 BUAD 2040 Financial Acct. Information  
 Humanities Elective  
 Social Science Elective

**Spring Semester**

LGL 2940 Legal Assisting Internship  
 LGL Law Elective\*  
 Elective  
 CMPT 1100 MS Office Applications or  
 BUAD 1020 Microcomputer Applic. in Business  
 Humanities Elective

**Bachelor of Science – Paralegal Program Degree Requirements**

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

**Fall Semester**

Year One  
 ENGL 1110 College Composition I  
 LGL 1010 Introduction to Law  
 LGL1720 Law Practice Management  
 MATH 1180 Reasoning with Math or  
 MATH 1320 College Algebra  
 LGL 2120 Real Estate Law

**Spring Semester**

ENGL 1130 College Composition II  
 LGL 1160 Legal Research, Wrtg & Case Analysis  
 LGL 1150 Tort Law  
 CMPT 1100 MS Office Applications or  
 BUAD 1020 Micro. Applications in Business  
 Social Science Elective

**Fall Semester**

Year Two  
 LGL 2020 Civil Procedure  
 LGL 2130 Family Law  
 LGL 2700 Advocacy: Mock Trial  
 ACTG 1040 Prin. of Financial Acct. or  
 BUAD 2040 Financial Acct. Info.  
 Social Science Elective

**Spring Semester**

LGL 2110 Estate and Probate Administration  
 LGL 2210 Prac. & Prod. in Administrative Law  
 Humanities Elective  
 PHIL 1020 Critical Thinking-  
 Elective

**Fall Semester**

Year Three  
 LGL 3030 Adv. Legal Research &Wrtg.  
 LGL 3050 Bankruptcy Pract & Con Appl  
 PHIL Elective at 3000/4000 level  
 Legal Specialty Option  
 Natural Science Elective  
 Natural Science Elective Lab

**Spring Semester**

LGL 3010 Law of Business Associations  
 LGL 3330 Litigation  
 LGL 4130 Clinic Experience  
 Legal Specialty Option  
 Multi-Cultural/Diversity Elective  
 Natural Science Elective

**Fall Semester**

Year Four  
 LGL 4030 Contract Law  
 LGL 3350 Alternative Dispute Resolution  
 PHIL Elective at 3000/4000 level  
 Legal Specialty Option  
 Elective

**Spring Semester**

LGL 4940 Advanced Paralegal Internship  
Legal Specialty Option  
Multicultural Elective  
Elective  
Elective

## Post Baccalaureate Certificate in Paralegal Studies – Degree Requirements

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 program for up-to-date information.

**Fall Semester**

LGL 1010 Introduction to Law  
LGL 1720 Law Practice Management  
LGL 2020 Civil Procedure  
LGL 2120 Real Estate Law  
LGL Law Elective\*

**Spring Semester**

LGL 1150 Tort Law  
LGL 1160 Legal Research, Wrtg & Case Analysis  
LGL 2110 Estate and Probate Administration  
LGL Law Elective\*  
LGL 2940 Legal Assisting Internship\*\*

**\*Law Electives**

LGL 2210 Practices & Procedures in Admin. Law  
LGL 2130 Family Law (Prereq: LGL 1010 and LGL 1160 or Academic Advisor Approval)  
LGL 2700 Advocacy: Mock Trial  
LGL 3030 Advanced Legal Research and Writing (Prereq: LGL 1010 and LGL 1160)  
LGL 3050 Bankruptcy Practices & Cons. Apps. (Prereq: LGL 1010 and LGL 1160)  
LGL 3010 Law of Business Associations (Prereq: LGL 1010 and LGL 1720)  
LGL 3330 Litigation (Prereq: LGL 1150 and LGL 2020)  
LGL 3350 Alternative Dispute Resolution (Prereq: LGL 1010, LGL 1150 and LGL 2020)  
LGL 4030 Contract Law (Prereq: LGL 1010 and LGL 1160)  
LGL 4130 Clinic Experience (Prereq: LGL 1010, LGL 1160 and Instructor Permission)

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

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 program for up-to-date information.

**Fall Semester**

LGL 1010 Introduction to Law  
LGL 1720 Law Practice Management  
LGL 2020 Civil Procedure

**Spring Semester**

LGL 1150 Tort Law  
LGL 1160 Legal Research, Writing and Case Analysis  
LGL 2210 Practices and Procedures in Administrative Law

**Summer Semester**

LGL 2940 Legal Assisting Internship

## 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 program for up-to-date information.

### Fall Semester

LGL 1010 Introduction to Law  
LGL 2120 Real Estate Law  
LGL Law Elective  
LGL Law Elective

LGL 1150 Tort Law  
LGL Law Elective  
LGL Law Elective

### Law Electives (select 4 courses from the following)

LGL 1160 Legal Research & Writing (3 hrs.) (\*Prereq. LGL:1010)  
LGL 2110 Estate & Probate Administration (3 hrs.)  
LGL 2130 Family Law (3 hrs.) (\*Prereq. LGL:1010 & LGL:1160)  
LGL 2020 Civil Procedure (3 hrs.) (\*Prereq. LGL:1010 & LGL:1150)  
LGL 2700 Advocacy: Mock Trial (3 hrs.)  
LGL 3010 Law of Business Associations (3 hrs.) (\*Prereq. LGL:1010 & LGL:1720)  
LGL 3110 Personal Law (3 hrs.) (\*Prereq. Junior Standing or Instructor Permission)  
LGL 3120 Personal Law II (3 hrs.) (\*Prereq. LGL:3120)  
LGL 3350 Alternative Dispute Resolution (3 hrs.) (\*Prereq. LGL:1010, LGL:1150 & LGL:2020)  
LGL 4030 Contract Law (3 hrs.) (\*Prereq. LGL:1010 & LGL:1160)  
LGL 4230 Health Care & the Law (3 hrs.) (\*Prereq. Junior Standing or Instructor Permission)  
LGL 4330 Mediation; Topics and Techniques (3 hrs.)

## Social Work Program

### 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. The program 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 declare pre-social work as their major until they complete the requirements to apply to the social work program and gain admission 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 and 2010 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 the social work adviser.

#### 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 College of Health 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 program for up-to-date information.

### Fall Semester

Year 1  
ENGL 1110 College Composition I  
SOC 1010 Intro to Sociology  
MATH 1180 Reasoning with Math  
SOCW 1030 Intro to Social Welfare  
Humanities/Fine Arts Elective  
HHS 1000 Orientation

**Spring Semester**

ENGL 1130 or higher College Comp II  
 BIOL 1120 Survey of Biology  
 PSY 1010 Principles of Psychology  
 CMPT 1100 MS Office Applications  
 WGST elective

**Fall Semester**

Year 2  
 PSC 1200 American National Government (grade of C or higher required)  
 SOCW 2010 Survey of SW Profession  
 ECON 1010 or higher ECON  
 Electives

**Spring Semester**

ANTH 2100 Human Society thru Film or  
 ANTH 2800 Cultural Anthropology  
 Natural Science Course with Lab  
 Humanities/Fine Arts Elective  
 Electives

**Fall Semester**

Year 3  
 SOCW 3110 Social Work Practice I  
 SOCW 3210 Human Behavior I  
 SOCW 3300 Social Policy and Legislation  
 SOCW 3410 SW Research Practicum I

Elective (DST, SOC, PSY, WGST or AFST)

**Spring Semester**

SOCW 3120 Social Work Interviewing  
 SOCW 3220 Human Behavior II  
 SOCW 3230 Human Behavior III  
 SOCW 3420 Social Work Research Practicum II  
 SOCW Elective

**Fall Semester**

Year 4  
 SOCW 4120 SW Practice II  
 SOCW 4200 Field Lab II  
 SOCW 4220 Field II  
 U.S. Multicultural History  
 Elective

**Spring Semester**

SOCW 4120 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

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 BSW Field Coordinator.

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 departmental 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.

Upon admission to the departmental 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 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.



## College of Health and Human Services

**Farhang Akbar-Khanzadeh**, 1991, professor

B.S., M.S.P.H., University of Tehran; M.S., Ph.D., University of Newcastle Upon Tyne in England

**April Ames**, 2014, assistant professor

B.S., Ohio University; M.S.O.H., Medical College of Ohio; Ph.D., The University of Toledo

**Amy Allen**, 2003, assistant professor

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

**Jamal Bittar**, 2003, senior lecturer

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

**Debra Boardley**, 1994, professor

B.S., Youngstown State University; M.H.S., Washington University; Ph.D., University of South Carolina

**Amy Both**, 1994, clinical assistant professor

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

**Lucinda Bouillon**, 2014, associate professor

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

**Heath Buckley**, 2009, assistant professor

B.A., Bowling Green State University; M.A., The University of Toledo

**Lynne Chapman**, 1996, clinical assistant professor

B.S., M.S., Eastern Michigan University

**Wendy Cochrane**, 2002, associate professor

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

**Julie Coyle**, 2010, lecturer

M.Ed, The University of Toledo

**Joseph Dake**, 2006, professor and chair

B.A., M.P.H., Ph.D., The University of Toledo

**David Dewey**, 2014, lecturer

B.S., Ohio State University; MBA, The University of Toledo

**Emily Diehm**, 2015, assistant professor

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**Andrew Mick Dier**, 2012, lecturer

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**Michael Dillon**, 2012, lecturer

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**Holly Eichner**, 2014, lecturer

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**Elyce Ervin**, 2003, senior lecturer

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**Brian Fink**, 2006, professor

B.E., The University of Toledo; M.P.H., University of Michigan; Ph.D., University of North Carolina

**Rodney Gabel**, 2011, professor  
B.S., M.S., Bowling Green State University; Ph.D., The Pennsylvania State University

**Louis Guardiola**, 2014, associate lecturer  
B.S.W., The University of Toledo, M.S.W., Cleveland State University

**Jennifer Glassman**, 2007, assistant professor  
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**Tavis Glassman**, 2008, associate professor  
B.Ed., M.S.Ed., The University of Toledo; M.P.H., The Ohio State University; Ph.D., University of Florida

**Neal Glaviano**, 2016, assistant professor  
B.S. University of Connecticut; M.Ed., Ph.D., University of Virginia

**Wendi Goodlin-Fahncke**, 2008, assistant professor  
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**Beth Ann Hatkevich**, 2007, clinical associate professor  
A.A.S., Lourdes College; B.S., The University of Toledo; MOT, Medical College of Ohio; Ph.D., Capella University

**Janet M. Hoy**, 2008, associate professor  
B.S.N., Bowling Green State University; M.S., Ph.D., Case Western Reserve University

**Aileen Hunt**, 2011, lecturer  
B.A., Ashland University; M.A., University of Akron

**Christopher Ingersoll**, 2015, professor and dean  
B.S., Marietta College; M.A., Indiana State University; Ph.D., The University of Toledo

**Marie Janes**, 2002, lecturer  
M.Ed, Bowling Green State University; RHIA

**Mylo Jennings**, 2000, associate professor  
A.A., Blue Mountain Community College; B.S., M.S., Western Oregon State College; M.S.W., Ph.D., The Ohio State University

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

**Sadik Khuder**, 1994, professor  
**B.D.S., University of Baghdad; M.H., Ph.D., University of Alabama – Birmingham**

**Barbara Kopp Miller**, 1991, professor  
B.S., M.A., Ph.D., Bowling Green State University

**Ruthie Kucharewski**, 1998, professor  
B.S., Kent State University; M.Ed., The University of Toledo; Ph.D., Bowling Green State University

**David Kujawa**, 1996, clinical assistant professor, director of clinical affairs  
B.S., Marquette University; M.B.A., The University of Findlay

**John Laux**, 2001, professor and associate dean  
B.A., Ambassador University; M.A., West Virginia University; Ph.D., The University of Akron

**Abraham Lee**, 1999, associate professor  
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

**David Lilley**, 2014, assistant professor  
B.S., Grand Valley State University; M.S., Ph.D., Michigan State University

**Sarah Long**, 2009, lecturer  
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**Eric Longsdorf**, 2001, associate professor  
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**Wendy Maran**, 2010, lecturer  
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**Henry Marshall**, 2000 lecturer  
B.A., The University of Toledo; M.A., Siena Heights University

**Michelle Masterson**, 1998, associate professor and chair  
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**Alice McAfee**, 1986, associate professor  
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**Kimberly McBride**, 2014, assistant professor  
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**Nicole McKenzie**, 2014, assistant professor  
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**Thomas McLoughlin**, 2004, associate professor  
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**Caroline Menezes**, 2008, associate professor  
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**Alexia Metz**, 2007, associate professor  
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**Sheryl Milz**, 2001, associate professor  
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**Mirella Pardee**, 1978, associate professor

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**Christopher Roseman**, 2011, assistant professor and chair

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**Barbara Saltzman**, 2012, assistant professor

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**Barry Scheuermann**, 2003, associate professor and associate dean

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**Tori Smith**, 2007, clinical assistant professor

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**Michael J. Spiros**, 1982, associate professor

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**Michael T. Stevenson**, 1989, assistant professor

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**Megan Stewart**, 2015, assistant professor

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**Victoria Steiner**, 1995, associate professor

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**Nicole Stotz**, 2015, assistant professor

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**Amy Thompson**, 2009, professor

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**Sherry Tripepi**, 2007, associate lecturer

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**Kasey Tucker-Gail**, 2004, associate professor

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**Michael Valigosky**, 1991, assistant professor

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**Lois Ventura**, 2001, associate professor and chair

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**David Weldy**, 2007, assistant professor

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**Celia Williamson**, 2000, professor

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## Emeritus Faculty

**Donna Adler**, 1973, professor emeritus  
**Charles W. Armstrong**, 1977, professor emeritus  
**Alan Ashby**, 1980, professor emeritus  
**Barbaranne J. Benjamin**, 1986, professor emeritus  
**John N. Drowatzky**, 1965, professor emeritus  
**Paula Dupuy**, 1989, professor emerita  
**Richard J. Eastop**, 1972, professor emeritus  
**Lee Ellis**, 1989, professor emeritus  
**Gere B. Fulton**, 1971, professor emeritus  
**George B. Gilmore**, 1966, professor emeritus  
**Leonard Greninger**, 1974, professor emeritus  
**C. Higgins**, professor emeritus  
**P. Brooke Johnson**, 1960, professor emeritus  
**Lionel R. McIlwain**, 1969, professor emeritus  
**Dean F. Miller**, 1970, professor emeritus  
**David L. Nelson**, 2013, professor emeritus  
**James Price**, 1980, professor emeritus  
**Nick Piazza**, 1986, professor emeritus  
**Steven L. Ranck**, 1974, professor emeritus  
**Martin Ritchie**, 1987, professor emeritus  
**Lorean Roberts**, 1972, professor emeritus  
**Dan Seemann**, 1962, professor emeritus  
**Mary Jo Seiber**, 1981, professor emerita  
**Bernard B. Spiegel**, 1984, professor emeritus  
**Donald C. Stolberg**, 1963, professor emeritus  
**Susan K. Telljohann**, 1987, professor emeritus  
**Julie Jepsen Thomas**, 2017, professor emeritus  
**Molly Treynor**, 1965, professor emerita  
**Robert N. Wendt**, 1975, professor emeritus  
**H. Eugene Wysong**, 1969, professor emeritus

