

COLLEGE OF HEALTH AND HUMAN SERVICES

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COLLEGE OF HEALTH AND HUMAN SERVICES

Accreditation

The Commission on Accreditation of Allied Health Education Programs (CAAHEP) accredits the College of Health and Human Services' programs in athletic training, cardiovascular, health information management and respiratory care. Programs with specialized accreditation or approval include counseling – Council for the Accreditation of Counseling and Related Educational Programs; kinesiotherapy – American Kinesiotherapy Association; nursing – Commission on Collegiate Nursing Education; National League for Nursing and Ohio Board of Nursing; paralegal studies – American Bar Association; recreation – National Recreation and Parks Association; social work – Council on Social Work Education; and speech-language pathology – American Speech-Language-Hearing Association.

Degrees Offered

The college offers certificate programs, associate's degrees, bachelor's and post-bachelor's degrees. Minors in military science and criminal justice are also offered.

Admission Policies

Beginning in fall 2005, to be admitted to the College of Health and Human Services at The University of Toledo, direct from high school students need at least a 2.0 cumulative high school grade point average (GPA) and must have taken an entrance examination (ACT/SAT). Students with an ACT of 24 or SAT of 1110 or higher will be admitted to the College of Health and Human Services regardless of high school GPA.

Students not qualifying for admission to the College of Health and Human Services will be admitted to University College as pre-majors. Students wishing to transfer to the College of Health and Human Services from University College will need to earn 12 hours of college level work with a cumulative GPA of at least 2.0 in order to qualify for transfer.

Selective/Limited Admission

The following programs require an additional application for admission:

- Associate's Degree Nursing
- Bachelor's Degree Nursing
- Athletic Training
- Cardiovascular
- Community Health
- Emergency Medical Services
- Physical Therapy
- Recreation and Leisure Studies
- Recreational Therapy
- Respiratory Care
- Social Work

Requirements for Students with an Associate's Degree

Students holding an associate's degree from an accredited college are encouraged to enroll in the College of Health and Human Services, and in many instances, may expect to earn a bachelor's degree upon completion of two additional years of full time 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 2000-4000 level; of these a minimum of 32 hours must be taken at the 3000-4000 level. Coursework from other institutions is accepted at the level at which the course was taught at that institution.

Admission with Transfer Credit from Another Institution

A student with a satisfactory record wishing to transfer into the College of Health and Human Services must meet the minimum entrance requirements of The University of Toledo. The student may be required to take placement tests in English, chemistry and/or mathematics. Transfer courses are eligible for the evaluation process by the college after the student has submitted official transcripts from all colleges/universities attended and has been accepted by the College of Health and Human Services. The evaluation process must be completed before the end of the first term of attendance.

For purposes of determining grade point average (GPA), grades from another institution do not transfer, but will be used to calculate any honors citations. The GPA will be based on the work taken while enrolled in the College of Health and Human Services. For students transferring to the College of Health and Human Services from other colleges within The University of Toledo, all undergraduate hours attempted and earned, as well as the GPA, will transfer.

Change of College

Students in good standing (cumulative GPA equal to or greater than 2.0) 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 college's Student Services Office to discuss their transfer and have their 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 of Health and Human Services.

Readmission of Former Health and Human Services Students

Students who have withdrawn from the College of Health and Human Services and The University of Toledo and have not attended any other institution in the interim may be readmitted provided they were eligible to continue enrollment in the college at the time they discontinued attendance. Students who have been suspended from the College of Health and Human Services must submit a written letter of petition. Students who readmit after more than 12 consecutive months must comply with existing program requirements at the time of readmission.

Honors Program

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

Academic Policies

The 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 unless waived by the college. Students should consult with their program for a complete listing of all policies and procedures specifically related to their program.

Academic Advising

The Office of Student Services in the College of Health and Human Services coordinates academic advising. The office's mission is to provide quality, timely and comprehensive student services that will enhance student success in achieving academic goals. Although the ultimate responsibility for making personal and educational decisions rests with the student, his/her potential for academic success can improve considerably through the building of 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. Degree requirements, career opportunities, and interpretations of college and University policies and procedures are among the essential services provided by advisers.

Student Responsibilities

Students are responsible for the following:

- Advising is required for all first-year students and strongly recommended at least once per year for all College of Health and Human Services students.
- All students must sign and date a program agreement upon declaring a major.
- 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 adviser as needed for assistance.
- Students must contact the Office of Student Services to schedule an advising appointment.

General Degree Requirements

To obtain a degree in an undergraduate associate's degree program, students must complete a minimum of 63 hours of course work. Students in a baccalaureate program must complete a minimum of 124 hours of course work and have the proper number of credit hours as outlined in their program of study. In all baccalaureate programs, a minimum of 64 hours must be taken at the 2000-4000 level; of these, a minimum of 32 hours must be taken at the 3000-4000 level.

GPA Recalculation for Repeated Courses

The College of Health and Human Services permits a maximum of 12 semester hours or the equivalent of 16 quarter hours of course work to be deleted from the GPA calculation. Students who have had their GPAs recomputed under the Academic Forgiveness Policy are not eligible for grade deletions.

Withdrawal Policy (W, IW Grades)

The number of credit hours of W and IW 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 or IW, 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 who receive financial aid risk the loss of financial aid if they accumulate excessive hours of W and IW.

Academic Probation and Suspension

A student whose cumulative GPA is less than 2.0 is automatically placed on probation until a 2.0 cumulative GPA is achieved. While on probation, it is recommended that a student not enroll for more than 12-14 credit hours.

Academic suspension means that 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 that person falls below the minimum GPA listed in the General Section of the catalog or fails to make sufficient progress toward attainment of the degree by accumulating excess W or IW grades. Students may remove Incompletes while under suspension. However, no course work taken at any other educational institution during the student's suspension shall be accepted as transfer credit. See the General Section of this catalog for additional details on University probation and suspension policies.

Academic Grievance

Students have the responsibility and right to call to the attention of a professor any course grade that the student believes 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 issue.
- If meeting with the professor does not resolve the issue, the student must discuss the issue with the department chair of the faculty member who issued the grade. The chair attempts to resolve the issue, but may not unilaterally change the grade.
- If meeting with the chair does not resolve the issue, the student appeal will be forwarded to the appropriate associate dean of the College of Health and Human Services.
- The college's Petition for Academic Grievance should be used for this purpose. The student must state the reasons for the appeal and the desired outcome. The student must meet with the associate dean to review and discuss the issue. The associate dean will attempt to resolve the issue 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 issue 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, a 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.

Residence Requirement

A full-time student transferring to the College of Health and Human Services must complete at least the final semester and 25 percent of their program of study in residence within the college. A part-time student must complete the last 12 credit hours and 25 percent of their program of study within the college.

Programs of Study

Department of Criminal Justice

Eric Lambert, chair

Degree Programs

Criminal Justice

Minors

Criminal Justice

Forensic Science Investigation

As an academic field of study, criminal justice examines crime, deviance, criminal justice agencies and systems, the nature of justice, law and social control.

Bachelor of Science in Criminal Justice

The bachelor of science (B.S.) degree in criminal justice is designed to prepare a student to enter law enforcement, corrections, probation, parole, private security, juvenile justice and related careers. In addition, the B.S. program is good preparation for students who wish to attend graduate school in criminal justice or a related field, or law school. The B.S. curriculum consists of a liberal arts core; criminal justice core and elective classes; general electives; and supporting courses from disciplines that form an understanding of justice, such as political science, public administration, sociology, history, business and social work. Because good communication and computer skills are important, both 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, coursework in ethics is required. Finally, faculty members emphasize the development of critical thinking, analytical and problem solving skills in their instruction.

Requirements for the Bachelor of Science in Criminal Justice

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

Requirement	Hours
University core courses	33
Criminal justice required courses	43
Criminal justice elective courses	12

Computer science/applications courses	6
Supporting course electives	9
General electives	21
Minimum total hours	124
Minimum hours at 2000/4000 level	64
Minimum hours at 3000/4000 level	32
Minimum graduation GPA	2.0

Minor in Criminal Justice

This minor is designed to give the student an overview of the criminal justice discipline and includes an introductory survey course and one foundation course in each of the four areas recommended by the Academy of Criminal Justice Science. The remaining six hours give the student some freedom to explore particular areas of interest in criminal justice.

Required:	22 hours
CRIM 1010 Criminal Justice	4
CRIM 1110 Penology	3
CRIM 1240 Policing	3
CRIM 2230 Constitutional Law	3
CRIM 2250 Juvenile Justice	3
CRIM Electives at the 3000/4000 level	6

Minor in Forensic Science Investigation

The minor in forensic science investigation is designed to provide an overview of the importance of forensic science evidence in the criminal justice system. Students will learn about the rules and procedures of evidence pertaining to the 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 to help students planning to work for law enforcement agencies to better understand the importance and different types of forensic science evidence in criminal investigations. It is not designed for students who plan to work in a crime lab or in jobs requiring in-depth scientific analysis of evidence. Those students will need to obtain a degree (preferably on the graduate level) in the natural sciences.

Required: *	25 hours
BIOL 2020 Mammalian Form and Function	4
BIOL 2170 Fundamentals of Life Science II	4
BIOL 2180 Fundamentals of Life Science II Lab	1
CHEM 1100 Concepts in Chemistry	3
CHEM 1150 Concepts in Chemistry Lab	1
CRIM 2210 Criminal Investigation I	3
CRIM 2220 Laws of Evidence	3
CRIM 3290 Criminal Investigation II	3
CRIM 4940 Criminal Justice Internship	3

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

Prelaw Studies

No particular degree is required for admission to law school, but students interested in studying law should have good communication, logic and analytical skills, and possess a fundamental understanding of government.

Bachelor of Science in Criminal Justice – Degree Program Requirements

Students should follow and complete the degree requirements as displayed.

	Fall Semester	Spring Semester
Freshman Year	CRIM 1010 Criminal Justice 4 CRIM 1040 Human Relations 3 ENGL 1100 or 1110 College Comp. I 3 PSY 1010 Principles of Psychology 3 Computer Science Course 3 Total 16 hours	CRIM 1110 Penology 3 CRIM 1240 Policing 3 PSC 1200 American National Govern. 3 SOC 1010 Intro to Sociology 3 MATH 1180 Math for Liberal Arts (or higher) 3 Total 15 hours
Sophomore Year	CRIM 2010 Court Case Processing 3 CRIM 2200 Criminal Law 3 CRIM 2230 Constitutional Law 3 ENGL Comp II 3 Humanities/Fine Arts Course 3 Total 15 hours	CRIM 2150 Applied Psychology & Criminology in Criminal Justice 3 CRIM 2250 Juvenile Justice 3 Humanities/Fine Arts Course 3 Natural Science 3 Elective 3 Total 15 hours
Junior Year	CRIM Electives 6 Supporting Course 3 Natural Science 3 Multicultural Course 3 Elective 3 Total 18 hours	CRIM 4100 Research Methods in Criminal Justice 3 CRIM Elective 3 Supporting Courses 6 Elective 3 Total 15 hours
Senior Year	CRIM 4200 Ethics in Criminal Justice 3 CRIM 4590 Adm. of Criminal Justice 3 Computer Science Course 3 Elective 6 Total 15 hours	CRIM 4300 Theories of Crim. Justice 3 CRIM Elective 3 Elective 6 Multicultural Course 3 Total 15 hours

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.

Associate of Applied Science in Nursing – Degree Requirements*

Students should follow and complete in **sequence** the degree requirements as displayed.

	Offered Each Semester	Offered Each Semester
Prerequisite sites	<u>Required Prior to Entrance:</u> KINE 2560 Anatomy and Physiology 3 ENGL 1110 English Comp 3 CHEM 1120 Chemistry for Health Sciences 4 MATH 1320 College Algebra 3 Total 13 hours	<u>Required Prior to Entrance:</u> CPR Certification and Health Requirements NET test composite score of 60. (Reading and critical thinking score of at least 50; Math score of at least 60) Computer basics encouraged Cumulative GPA 2.7 or higher
1st and 2nd Semester	KINE 2570 Anatomy & Physiology II 3 HHS 2590 Microbiology & Infect Disease 4 NURA 1160 Found. Comm-Based Nursing 4 NURA 1190 Nursing Systems - Adults I 5 Total 16 hours	KINE 2580 Human Pathophysiology 3 NURA 1290 Nursing Systems - Adults II 6 NURA 2110 Nurs. Sys. for Mental Health 4 PSY 1010 Intro to Psychology 3 Total 16 hours
3rd and 4th Semester	ENGL 1130 or higher College Comp II 3 NURA 2180 Nursing Systems for Maternal Health 4 NURA 2190 Nursing Systems - Adults III 6 Humanities/Fine Arts Elective 3 Total 16 hours	NURA 2280 Nursing Systems for Infants & Children 4 NURA 2290 Nursing Systems - Adults IV 6 NURA 2300 Nursing Systems for Self-Care 2 Total 10 hours

*Pending approval

Associate of Applied Science in Cardiovascular- Peripheral Vascular Concentration – Degree Requirements

Students should follow and complete the degree requirements as displayed.

	Fall Semester	Spring Semester	Summer Semester
Freshman Year	MATH 1320 College Algebra 3 CARD 1180 Cardiac Dysrhythmias 4 CARD 1190 Cardiac Dysrhythmias Lab 1 KINE 2560 Anatomy & Physiology I 3 ENGL 1110 College Composition I 3 HIM 1110 Medical Terminology or HEAL 1800 Medical Terminology 3 Total 17 hours	CARD 1280 12-lead Interpretation 4 CARD 1290 12 lead Interpretation Lab 1 KINE 2570 Anatomy & Physiology II 3 KINE 2580 Human Pathophysiology for Health Care 3 RCBS 3300 ACLS 2 ENGL 1130 or higher College Composition II 3 Total 16 hours	CARD 1390 12-Lead EKG Interpretation Clinical 4 Total 4 hours
Sophomore Year	CARD 2400 Peripheral Vascular- Venous Disorders 4 CARD 2410 Peripheral Vascular – Laboratory/Clinical I 4 CARD 2370 Ultrasound Instrument Mechanics and Wave Physics 1 PSY 1010 Prin. Of Psychology 3 Social Science Core Elective 3 Humanities/Fine Arts Elective 3 Total 18 hours	CARD 2380 Ultrasound Physics and Instrumentation 4 CARD 2420 Peripheral Vascular – Arterial Disorder 2 CARD 2430 Peripheral Vascular Laboratory/Clinical II 4 Humanities/Fine Arts Elective 3 Total 13 hours	CARD 2500 Cardiovascular Clinical 3 Total 3 hours

Associate of Applied Science in Emergency Medical Health Services – Degree Requirements

Students should follow and complete the degree requirements as displayed.

	Fall Semester	Spring Semester	Summer Semester
Freshman Year	HHS 1000 College Orientation 1 KINE 2560 Anatomy & Physiology I 3 ENGL 1110 College Comp. I 3 MATH 1180 Math for Liberal Arts 3 Social Science Core Elective 3 Humanities/Fine Arts Elective 3 Total 16 hours	EMHS 1040 Prehospital Emergency Life Support (EMT-B) 6 KINE 2570 Anatomy & Physiology II 3 ENGL 1130 or higher College Comp II 3 HEAL 1800 Medical Terminology 3 Social Science Core Elective 3 Total 18 hours	
Sophomore Year	EMHS 2030 Paramedic Emergency Med. I 6 EMHS 2040 Adv. Clinical Practicum I 2 EMHS 2050 Paramedic Skills I 3 Humanities/Fine Arts Elective 3 Total 14 hours	EMHS 2160 Paramedic Emergency Med II 6 EMHS 2170 Adv. Clinical Practicum II 2 EMHS 2180 Paramedic Skills II 3 EMHS Technical Elective 3 Total 14 hours	EMHS 2190 Prehospital Externship 3 EMHS 2200 Paramedic Emerg. Med III 2 EMHS 2210 Paramedic Skills III 1 Total 6 hours

*Technical Elective Choices

- EMHS 2060 Disaster Planning and Response
- EMHS 2080 Current Trends & Practices
In Pre Hospital Emergency Medicine

Bachelor of Science in Health Information Management

Students should follow and complete the degree requirements.

	Fall Semester	Spring Semester	Summer Semester
Freshman Year	HHS 1000 HHS/College Orientation 1 HEAL 1800 Medical Terminology 3 BUAD 1020 Microcomputer Applications 3 OR CMPT 1100 Computer Info Systems 3 KINE 2560 Human Anatomy and Physiology I 3 ENGL 1100 Coll. Comp. I with Workshop 3 OR ENGL 1110 College Composition I 5 PHIL 1020 Critical Thinking 3 Total 16-18 hours	KINE 2570 Human Anatomy & Physiology II 3 MATH 1180 Mathematics for Liberal Arts 3 BMGT 1540 Organizational Behavior 3 Social Science Core Elective 3 Natural Science Elective 3 Total 15 hours	
Sophomore Year	ENGL 2950 Science & Technical Report Writing or ENGL 2960 Organizational Report Writing 3 KINE 2580 Hum Pathophysiology for Healthcare 3 ECON 1200 Principles of Micro Economics 3 Humanities/Fine Arts Elective 3 Multicultural Elective 3 Total 15 hours	HIM 2210 Med Linguistics in Ancillary Scvs 3 MATH 2600 Introduction to Statistics 3 BMGT 2020 Human Resource Mgmt 3 ACTG 2310 Cost Accounting in HC 3 Multicultural Elective 3 Total 15 hours	
Junior Year	HIM 3200 HC Res, Payers, & Consum 3 HIM 3210 ICD-9-CM 3 HIM 3230 HC Documentation Req 3 COMM 3810 Group Communication or COMM 3880 Professional Business Comm. 3 BUAD 3030 Managerial & Behavioral Process in Organizations 3 Total 15 hours	HIM 3220 HCPCS/CPT 3 HIM 3240 Health Info Admin Practices 4 BUAD 3050 Inf. Tech Mgmt 3 INFS 3250 Software Appl in Business 3 HCAR 4360 Quality Improvement- Health Care 3 Total 16 hours	HIM 3940 Professional Practice 4 Total 4 hours
Senior Year	HIM 4200 Reimbursement Methodologies 2 HIM 4210 Healthcare Stats, Registr, Resch 3 HIM 4260 Law and Ethics – Health Inform 2 HCAR 4530 Problem Solving in Health Care Environment 4 INFS 3370 Business Data Communications 3 Elective (Foreign Language Recommended) 3 Total 17 hours	HIM 4910 Integrative Capstone Exp 3 HIM 4940 Professional Practice II 4 HCAR 4500 Health Care Informatics Elective (Foreign Language Recommended) 3 Total 14 hours	

Associate of Applied Science in Nursing – Degree Requirements

Students should follow and complete in **sequence** the degree requirements as displayed.

	Offered Each Semester	Offered Each Semester
Prerequi-sites	<u>Required Prior to Entrance:</u> KINE 2560 Anatomy and Physiology 3 ENGL 1110 English Comp 3 CHEM 1120 Chemistry for Health Sciences 4 MATH 1320 College Algebra 3 Total 13 hours	<u>Required Prior to Entrance:</u> CPR Certification and Health Requirements NET test composite score of 60. (Reading and critical thinking score of at least 50; Math score of at least 60) Computer basics encouraged Cumulative GPA 2.7 or higher
1st and 2nd Semester	KINE 2570 Anatomy & Physiology II 3 NURA 1160 Found. Comm-Based Nursing 4 NURA 1190 Nursing Systems - Adults I 5 PSY 1010 Intro to Psychology 3 Total 15 hours	ENGL 1130 or higher College Comp II 3 KINE 2580 Human Pathophysiology 3 NURA 1290 Nursing Systems - Adults II 6 NURA 2110 Nurs. Sys. for Mental Health 4 Total 16 hours
3rd and 4th Semester	HHS 2590 Microbiology & Infect Disease 4 NURA 2180 Nursing Systems for Maternal Health 4 NURA 2190 Nursing Systems - Adults III 6 Humanities/Fine Arts Elective 3 Total 17 hours	NURA 2280 Nursing Systems for Infants & Children 4 NURA 2290 Nursing Systems - Adults IV 6 Humanities/Fine Arts Elective 3 Social Science Core Elective 3 Total 16 hours

Bachelor of Science in Nursing – Degree Requirements

Students should follow and complete the degree requirements as displayed.

	Fall Semester	Spring Semester	Summer Semester
Freshman Year	HHS 1000 College Orientation 1 ENGL 1110 College Composition I 3 HEAL 1800 Medical Terminology 3 PSY 1010 Principles of Psychology 3 MATH 1180 Mathematics for Liberal Arts 3 EEES 2150 Biodiversity 4 Total 17 hours	ENGL 1130 or higher College Comp II 3 CHEM 1120 Chem for Health Sciences 4 CHEM 1260 Chem. For Life Sci. I Lab 1 PSY 2510 Lifespan Develop. Psych 3 HHS 2550 Human Anatomy 3 Elective 2 Total 16 hours	
Sophomore Year	HHS 2570 Human Physiology 3 PHIL 3370 Medical Ethics 3 Statistics 3 Humanities/Fine Arts Core Course 3 Non-Western Diversity 3 Elective 1 Total 16 hours	HEAL 4700 Nutritional Science 3 Computer course 3 HHS 2590 Microbiology 3 Diversity of U.S. Culture 3 Social Science Core Course 3 Elective 1 Total 16 hours	NURS 3010 Nursing Agency I 3 NURS 3110 Nursing Agency II 3 Total 6 hours
Pre-Junior Year	<i>*Apply to MCO*</i>		
Junior Year	NURS 3120 Adult Health Nursing I 7 NURS 3170 Concepts in Pathophysiology 2 NURS 3180 Concepts of Nursing Pharmacology 2 NURS 3210 Nursing Agency III 2 Total 13 hours	NURS 3620 Women's Health Nursing 5 NURS 3640 Parent-Child Nursing 5 NURS 4950 Nursing Research 3 Humanities/Fine Arts Core Course 3 Total 16 hours	
Senior Year	NURS 3130 Gerontology 3 NURS 4010 Community Health Nursing 5 NURS 3630 Mental Health Nursing 5 Total 13 hours	NURS 4020 Ldrshp/Mngmnt in Nursing 3 NURS 4030 Adult Health Nursing II 7 NURS 4250 Nursing Competency Prep 1 Total 11 hours	

Bachelor of Science in Respiratory Care – Degree Requirements

Students should follow and complete the degree requirements as displayed.

	Fall Semester	Spring Semester	Summer Semester
Freshman Year	MATH 1320 College Algebra 3 KINE 2560 Anatomy & Physiology I 3 HEAL 1800 Med. Terminology 3 CHEM 1120 Chemistry for Health Sciences 4 Humanities/Fine Arts Elective 3 Total 16 hours	ENGL 1110 College Composition I 3 CMPT 1100 Computer Info. Applications 3 PHIL 1020 Critical Thinking 3 KINE 2570 Anatomy & Physiology II 3 HEAL Elective 3 Total 15 hours	
Sophomore Year	RCBS 1150 Fund. of Patient Assessment 3 RCPS 1160 Respiratory Physiology 3 ENGL 1130 or higher College Comp II 3 PSY 1010 Introduction to Psychology 3 Social Science Core Elective 3 Total 15 hours	HHS 2590 Microbiology & Inf. Disease 3 RCBS 1050 Physics for Respiratory Care 3 RCBS 1250 Airway Care Maintenance 3 RCBS 1260 Cardiopulmonary Therapeutics 3 Multicultural Elective 3 Total 15 hours	RCBS 1350 Patient Monitoring 3 RCBS 1360 Acid Base Balance 3 Total 6 hours
Junior Year	RCBS 2450 Advanced Therapeutics 4 RCBS 2460 Cardiopulmonary Pathophys 3 RCBS 3100 Clinical Assessment 3 HEAL 3800 Death & Dying 3 PHIL 3370 Medical Ethics 3 Total 16 hours	RCBS 2550 Mechanical Ventilation/Adult 3 RCBS 2560 Cardiopulmonary Diagnostics 3 RCBS 3200 Neonatal/Ped. Resp. Care. 4 RCBS 3300 Adv. Cardiac Life Support 2 HEAL 4800 Pub. Hlth. Resch. & Stats. 3 Total 15 hours	Optional: RCBS 4100 Neonatal/Ped. Clinical 2
Senior Year	RCBS 4100 Neonatal/Ped. Clinical 2 RCBS 4300 Adv. Pulm. Diagnostics 4 RCBS 4600 Adv. Critical Care 3 RCBS 4700 Rsch. Analysis in Resp. Care 3 HEAL 4700 Nutrition Science 3 Total 15 hours	RCBS 3400 Adv. Cardiopul. Therapeutics 3 RCBS 4500 Delivery of Care at Alt. Sites 4 HEAL Elective 3 Multicultural Electives 3 Total 13 hours	

Health Electives (choose 2)

HEAL 2500 Personal Health
HEAL 2700 Community Health
HEAL 3500 Environmental Health
HEAL 4560 Health Problems of Aging

Criminal justice, as well as many other majors, is good preparation for law school. The department of criminal justice has faculty members who are graduates of law schools and who are available for advising. Contact the department office for more information.

Department of Health Professions

Suzanne Wambold, chair

Degree Programs

Cardiovascular
Emergency Medical Health Services
Health Information Management
Nursing
 Associate's Degree
 Bachelor's Degree
Respiratory Care Program
 Bachelor's Degree

Certificate Programs

EKG Technician
Emergency Medical Technician – Paramedic
Medical Coding

Cardiovascular

Suzanne Wambold, director

Mohammad Maaieh, M.D., F.A.C.C., medical director

Mohammad Farooq Afridi, M.D., medical director

Accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), the cardiovascular program is designed to provide its graduates with detailed training in EKG interpretation, ambulatory monitoring and scanning, exercise stress testing, noninvasive cardiology (echocardiography) and noninvasive peripheral vascular exams. Laboratory experience is provided both on and off campus, and clinical experience is provided off campus.

The associate's degree program is designed to offer additional study in cardiovascular health care for those students who have completed the one-year EKG technician certificate program. All courses are transferable to the associate's degree program. Students completing the EKG Technician Certificate perform EKGs, ambulatory monitoring and stress tests. Upon graduation they may take a credentialing exam through Cardiovascular Credentialing International (CCI). Students completing the associate's degree have the option of concentrating in noninvasive cardiology (echocardiography) or noninvasive peripheral vascular courses in their second year of study. Echocardiographers use ultrasound instrumentation to create images of the heart called an echocardiogram. They also assist physicians who perform transesophageal echocardiograms. Peripheral vascular technologists use ultrasound instrumentation to record vascular information on the upper and lower extremities, such as vascular blood flow, blood pressure, limb volume changes and peripheral circulation. Associate's degree recipients qualify to take a National Registry exam, through either the American Registry of Diagnostic Medical Sonographers (ARDMS) or Cardiovascular Credentialing International (CCI).

Selective Admissions Requirements

Although admission to the college is open, acceptance into the cardiovascular program is limited because of the number of students who can be accommodated by the faculty and clinical facilities. Once admitted

to the University, each student must file a separate application for the cardiovascular technology program with the college selective admissions committee. A written statement regarding selective admission criteria is available upon request. The student will be notified in writing of acceptance into the program.

Associate of Applied Science in Cardiovascular Degree Requirements

Students should follow and complete the degree requirements as displayed in the cardiovascular (echocardiography or peripheral vascular) program of study chart.

Emergency Medical Health Services

Judith Ruple, director

Ken Mapes, M.D.

The emergency medical health services program (Ohio Department of Public Safety Accreditation #01-02-004) is designed to provide graduates with advanced training in sophisticated emergency medical treatments, such as recognition of life-threatening cardiac arrhythmias, administration of appropriate drug therapy and performance of advanced emergency care techniques. Students receive specialized instruction in the management of trauma patients and the pediatric patient. In addition, courses are offered that include the management of the multiple casualties incidents and current issues in EMS.

The emergency medical health services associate degree program is designed to offer additional study for those students who have completed an accredited emergency medical technician-paramedic program.

Selective Admissions Requirements

Acceptance into the emergency medical health services program is limited due to the number of students who can be accommodated by the faculty and clinical facilities. Once admitted to the University, each student must file a separate application for the emergency medical health services program with the college selective admissions committee. To be eligible to apply to the program students must have a College or Higher Education GPA of 2.5 or better, have successfully complete with a C or better KINE 2560 Anatomy and Physiology I, HEAL 1800 Medical Terminology and be eligible to take Math 1180.

Associate of Applied Science in Emergency Medical Technology Degree Requirements

Students should follow and complete the degree requirements as displayed in the emergency medical health services program of study chart.

Health Information Management

Marie Janes, director

Bachelor of Science in Health Information Management

The curriculum of the bachelor of science degree in health information management (HIM) encompasses a broad range of disciplines, including medicine, health, business and information management. Graduates serve in a variety of health care management 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 healthcare

settings. Health information administrators 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, research and reimbursement. Health information managers are responsible for planning, engineering, administration, application, and policy administration.

Professional practice experience (PPE) is an integral part of the health information management curriculum where students are placed in facilities to gain first hand experience in the profession. Two PPEs are incorporated into the HIM curriculum; one at the completion of the second year of study, and one at the completion of the fourth year of study. Students gain knowledge of manual and electronic health information management systems, storage and retrieval systems (manual and computerized), compliance, privacy, audits, and department management and supervision.

The program also provides an opportunity for individuals to work toward a baccalaureate in HIM through articulation agreements with partner colleges. Most courses in HIM are provided in the distance learning format.

Note: The Health Information Management program has been approved by the Ohio Board of Regents and has begun the formal accreditation process with the Commission on Accreditation on Allied Health Education Programs (CAAHEP) in conjunction with the American Health Information Management Association's (AHIMA) Council on Accreditation. Upon accreditation, graduates of the HIM program at The University of Toledo will be eligible to sit for the certification examination. The American Health Information Management Association (AHIMA) grants successful examination candidates recognition as Registered Health Information Administrator (RHIA).

Degree Requirements

Students should follow and complete the degree requirements as displayed in the health information management program of study.

Associate of Applied Science in Nursing

Ruth Ankele, interim director

Betty Lemon, assistant director

The associate's degree nursing program centers on the nursing self-care deficit theoretical framework of Dorothea Orem. The nursing program is accredited by the National League for Nursing, is approved by the Ohio Board of Nursing, and holds agency membership in the Council of Associate Degree Programs of the National League for Nursing. Nursing students in the program are exposed to service learning experiences that allow for interactions with diverse clients in multiple settings with an emphasis on therapeutic communication and critical thinking. The curriculum contains courses in nursing, general education, biological, physical and social sciences, and the humanities. The student is expected to attend four to six classes per week and participate in two eight-hour clinicals off-site per week. Depending on the course the clinical off site experience is seven to thirteen weeks. The preceptorship clinical (senior practicum) is during the last nine weeks of the fourth semester. This consists of 105 hours; 88 clinical hours and 17 seminar hours. Due to the scholarly nature of the coursework, students are encouraged to decrease outside work and activities to assure success in this rigorous program.

Selective Admissions Requirements

Once admitted to the University, each student must file a separate application for the nursing program with the college selective admissions committee. A written statement regarding selective admission criteria is available upon request or can be accessed on the nursing program Web page: <http://www.hhs.utoledo.edu/nursing/admissionreq.html>. Each applicant is encouraged to review the information for admission to the program listed on the Web page, as there are multiple health requirements that must be completed to enter clinicals in healthcare centers around the metropolitan Toledo area. Complete information about health requirements can be found in "Associate Degree Nursing Student Program Guide" at http://www.hhs.utoledo.edu/nursing/documents/ad_prog_guide.pdf. The student will be notified in writing of acceptance into the program once all the admission requirements for nursing are completed.

Degree Requirements

Students should follow and complete the degree requirements in sequence as displayed in the A.D. nursing program of study chart.

The student must also successfully complete the prerequisites prior to entering the clinical phase of the program. Any student who has a total of two failures in any prerequisite science and/or math course will not be eligible for admission to the A.D. nursing program. All selective admission applicants must complete all health requirements, provide evidence of CPR certification and pass the Nurse Entrance Exam (NET) with the appropriate cut scores.

Bachelor of Science in Nursing

Jeri Milstead, dean, School of Nursing, Medical College of Ohio

Susan Batten, associate dean of undergraduate nursing program, Medical College of Ohio

Patricia Hoover, coordinator of nursing advisement

Degree Offered

Students completing the program earn a bachelor of science in nursing degree. Classes in the major are taught by Medical College of Ohio School of Nursing faculty. The School of Nursing is accredited by the Commission of Collegiate Nursing Education and has full approval of the Ohio Board of Nursing.

Fees for the nursing program are the same as for all other degree programs. Additional charges, however, are required for uniforms, professional liability insurance; required health tests, immunizations and physical examination; lab fees, class workbooks, senior comprehensive examinations and convocation. Transportation to classes at the Medical College of Ohio and to the clinical placements is the responsibility of the student.

Basic Bachelor of Science in Nursing Program

Students are admitted to the nursing major at the end of the sophomore year; admission is competitive. Applications must be submitted to the nursing adviser by January 1 for the following summer class. Selective admission is dependent upon:

1. A cumulative GPA of 2.5 in all course work.
2. Completion of prerequisite courses with a minimum grade of C in each course.
3. Completion of prerequisite courses by the end of spring semester preceding admission to the major: ; basic biology; MATH 1180,

and 1260 or higher; English Composition I and II; PSY 1010 and 2510; PHIL 3370; HEAL 4700; statistics; a basic computer course; anatomy, physiology, microbiology and chemistry.

4. Demonstrated competence in prenursing subjects prior to entering the major including math, reading comprehension, vocabulary, grammar, chemistry, anatomy and physiology. Testing is administered via computer at the Medical College of Ohio. Mastery of basic mathematics is associated with success in the nursing major and is essential for performing medication calculations in the clinical setting. Each student must achieve 90 percent or higher on the math exam; individuals scoring less than 90 percent will be referred for assistance in math, then retest until the required score is achieved. Cost of retesting is the student's responsibility.

Requirements for the Basic Program

The major in nursing includes the following: NURS 3010, 3110, 3120, 3130, 3170, 3180, 3210, 3620, 3630, 3640, 4010, 4020, 4030, 4250 and 4950. All courses in the major must be taken for a grade. A minimum grade of C is necessary for a student to progress to the next course. A minimum GPA of 2.0 in the nursing major is necessary to remain in the major and for graduation.

Courses specified above constitute an intensive undergraduate program of study in baccalaureate nursing. A minimum of 124 semester hours of credit is required for graduation. In addition, students should take the following courses.

Supporting Courses

These courses must be completed before taking NURS 3010, Nursing Agency I, which is taught summer only.

Prerequisites

HEAL 4700	Principles of Nutrition.....	3
PHIL 3370	Medical Ethics	3
PSY 2510	Lifespan Developmental Psychology	3
Computer Course	(See adviser).....	3
Statistics	(See adviser).....	3

Social Sciences

PSY 1010	Principles of Psychology.....	3
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Natural Sciences

CHEM 1120	Chemistry for the Health Sciences.....	4
	or	
	Equivalent (see adviser)	
Microbiology	See adviser	
BIOL	Basic Biology or higher	3
Anatomy & Physiology	See adviser	

Students should follow and complete the degree requirements as displayed in the B.S.N. - nursing program of study chart.

Honors Program in Nursing

Admission to the departmental Honors Program is based on a minimum of junior standing, overall GPA of 3.5, two letters of recommendation from University faculty members and an interview with the departmental honors adviser. Students seeking honors recognition at graduation must have a minimum GPA of 3.5 overall and in the nursing major, successfully complete two departmental honors recognition courses for a total of six semester hours and do an independent research project culminating in a written thesis and an oral presentation of the results.

Track for Registered Nurses (R.N. to B.S.N.)

The R.N. Track admits Registered Nurse students who are graduates of diploma or associate's degree programs. The R.N. student achieves the same terminal objectives of the nursing program as the basic student. However, in recognition of previous learning experiences and unique characteristics of the adult learner, the department believes that the R.N. may do so in an accelerated and flexible manner. The faculty believes that the adult learner possesses varying degrees of knowledge and sees the faculty role as augmenting the previous knowledge base to facilitate a transition to baccalaureate nursing. The nursing courses and the required supporting University courses provide the opportunity for this transition. The program of study consists of 124 semester hours of credit, which can be earned on a full-time or part-time basis and includes general education courses and professional upper division nursing courses.

Criteria for seeking admission to the R.N Track are:

1. Admission to the University.
2. Completion of prerequisite courses with a minimum grade of C in each course (see number 3 under Basic Program above).
3. A minimum cumulative GPA of 2.5 in all course work.
4. Graduation from an accredited nursing program.
5. Validation of previous nursing knowledge by portfolio for diploma or non-articulation associate program graduates.
6. Current licensure to practice as a Registered Nurse in the State of Ohio.

Requirements for the R.N. Track

Courses in the nursing major are NURS 3140, 3770, 4010, 4120, 4180, 4190 and 4950.

Respiratory Care Program

- Suzanne Spacek, director*
- Michael Troxell, director of clinical education*
- Robert May, M.D., medical director*
- James Tita, D.O., associate medical director*

Degree Offered

Bachelor of Science

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

The respiratory therapist sees a diverse group of patients ranging from the newborn and pediatric patients to adults and the elderly. Disease states or conditions often requiring respiratory care include asthma, emphysema, chronic obstructive lung disease, pneumonia, cystic fibrosis, infant respiratory distress syndrome and conditions brought on by shock, trauma or post-operative surgical complications.

Respiratory therapists are also involved in many specialty areas in the hospital, such as newborn labor and delivery, neonatal and pediatric intensive care units, pulmonary function laboratory, sleep laboratory and adult intensive care units. The respiratory therapist with a baccalaureate is prepared to deliver respiratory care in the hospital, home and alternate care sites.

Bachelor of Science in Respiratory Care – Degree Requirements

Students should follow and complete the degree requirements as displayed.

	Fall Semester	Spring Semester	Summer Semester
Freshman Year	MATH 1320 College Algebra 3 KINE 2560 Anatomy & Physiology I 3 HEAL 1800 Med. Terminology 3 CHEM 1120 Chemistry for Health Sciences 4 Humanities/Fine Arts Elective 3 Total 16 hours	ENGL 1110 College Composition I 3 CMPT 1100 Computer Info. Applications 3 PHIL 1020 Critical Thinking 3 KINE 2570 Anatomy & Physiology II 3 HEAL Elective 3 Total 15 hours	
Sophomore Year	RCBS 1150 Fund. of Patient Assessment 3 RCPS 1160 Respiratory Physiology 3 ENGL 1130 or higher College Comp II 3 PSY 1010 Introduction to Psychology 3 Social Science Core Elective 3 Total 15 hours	HHS 2590 Microbiology & Inf. Disease 3 RCBS 1050 Physics for Respiratory Care 3 RCBS 1250 Airway Care Maintenance 3 RCBS 1260 Cardiopulmonary Therapeutics 3 Multicultural Elective 3 Total 15 hours	RCBS 1350 Patient Monitoring 3 RCBS 1360 Acid Base Balance 3 Total 6 hours
Junior Year	RCBS 2450 Advanced Therapeutics 4 RCBS 2460 Cardiopulmonary Pathophys 3 RCBS 3100 Clinical Assessment 3 HEAL 3800 Death & Dying 3 PHIL 3370 Medical Ethics 3 Total 16 hours	RCBS 2550 Mechanical Ventilation/Adult 3 RCBS 2560 Cardiopulmonary Diagnostics 3 RCBS 3200 Neonatal/Ped. Resp. Care. 4 RCBS 3300 Adv. Cardiac Life Support 2 HEAL 4800 Pub. Hlth. Resch. & Stats. 3 Total 15 hours	Optional: RCBS 4100 Neonatal/Ped. Clinical 2
Senior Year	RCBS 4100 Neonatal/Ped. Clinical 2 RCBS 4300 Adv. Pulm. Diagnostics 4 RCBS 4600 Adv. Critical Care 3 RCBS 4700 Rsch. Analysis in Resp. Care 3 HEAL 4700 Nutrition Science 3 Total 15 hours	RCBS 3400 Adv. Cardiopul. Therapeutics 3 RCBS 4500 Delivery of Care at Alt. Sites 4 HEAL Elective 3 Multicultural Electives 3 Total 13 hours	

Health Electives (choose 2)

HEAL 2500 Personal Health
 HEAL 2700 Community Health
 HEAL 3500 Environmental Health
 HEAL 4560 Health Problems of Aging

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

Selective Admissions Requirements

Although admission to the college is open, acceptance into the respiratory care program is limited due to the number of students who can be accommodated by the faculty and clinical facilities. Once admitted to the University, each student must file a separate application for the respiratory care program with the college selective admissions committee. To be considered for admission into the respiratory care professional course sequence, the student must meet the following minimum criteria:

- Complete the following courses (or their equivalent or higher) with a grade of C or better: HEAL 1800, Medical Terminology; CHEM 1120, Chemistry for Health Sciences; KINE 2560, Anatomy & Physiology I or KINE 2570, Anatomy & Physiology II.
- Minimum cumulative GPA of 2.5 (college or higher education).
- Complete all required developmental courses.
- Satisfy the prerequisites for MATH 1320.

Bachelor of Science in Respiratory Care

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

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 currently contained in the traditional B.S. program, but allows for student selection of an area of specialization for enhanced professional growth. In addition, the professional support courses encompass many issues in health care and health education that are relevant to the practicing professional.

Bachelor of Science Degree Requirements for Completion Track

In order to complete the bachelor of science degree in respiratory care, a student must take 124 semester hours and maintain a UT GPA of at least 2.0. A minimum of 64 hours must be taken at the 2000-4000 level, with a minimum of 32 hours at the 3000-4000 level. Following are the R.R.T. to B.S. degree completion track curriculum requirements.

University Core Curriculum	27-30 hours
Lower Division Professional Courses	30-35
Upper Division Professional Courses	17
Required Professional Courses (11 hours)	
RCBS 3100	Clinical Assessment3
RCBS 3300	Advanced Cardiac Life Support.....2
RCBS 3400	Advanced Cardiopulmonary Therapeutics for the RCP.....3
RCBS 4700	Research Analysis in Respiratory Care.....3
Area of Specialization (Select a minimum of 6 hours)	
RCBS 3200	Neonatal/Pediatric Respiratory Care.....4
RCBS 4100	Neonatal/Pediatric Clinical2
RCBS 4300	Advanced Pulmonary Diagnostics & Procedures.....4

RCBS 4500	Delivery of Care at Alternative Sites4
RCBS 4600	Advanced Critical Care.....3
RCBS 4740	Polysommography I.....3
RCBS 4760	Polysommography II.....3

Professional Support Courses

Required Professional Support Courses (16 hours)

HCAR 4360	Quality Assurance in Health Care.....3
HCAR 4530	Problem Solving in the Health Care Environment.....4
HCAR 4510	Medical and Legal Aspects of Health Care.....3
HCAR 4550	Health Care Finance.....3
PHIL 3370	Medical Ethics3

Professional Support Electives (6 hours)

HEAL 3500	Environmental Health.....3
HEAL 3800	Death and Dying3
HEAL 4560	Health Problems of Aging.....3
HEAL 4700	Nutritional Science.....3
HEAL 4800	Public Health Research and Statistics.....3

General Electives

17-22

Certificate Programs

Cardiovascular Certificate Program

The one-year EKG technician certificate program is designed to provide its graduates with experience to perform electrocardiograms, ambulatory monitoring and exercise stress testing. Graduates of the one-year program qualify to take the National Certified Cardiographic Technician (CCT) Exam offered through Cardiovascular Credentialing International (CCI). Students completing the one-year EKG certificate may apply to complete the associate degree option. All courses are transferable to the associate’s degree program.

Selective Admissions Requirements

Although admission to the college is open, acceptance into the cardiovascular program is limited. Once admitted to the University, each student must file a separate application for the cardiovascular technology program with the college selective admissions committee. A written statement regarding selective admission criteria is available upon request. The student will be notified in writing of acceptance into the program.

EKG Certificate Requirements

Students should follow and complete the degree requirements as displayed in the EKG certificate program of study chart.

Note: Students must have passed high school biology or anatomy and physiology and high school chemistry with a C or better or successfully complete KINE 2560, Anatomy and Physiology I, and CHEM 1090, Elementary Chemistry, with a C or better.

Emergency Medical Health Services Certificate

The emergency medical technician - paramedic certificate offers the qualified student a competency-based 700-hour curriculum in didactic and clinical skills that, upon completion, qualifies the graduate for positions in emergency services, mobile advanced life support units and other appropriate services under physician control. The certificate program follows the National Standard Emergency Medical Technician - Paramedic - United States Department of Transportation curriculum (1998). Upon completion of the program, the student receives a certificate from The University of Toledo and is qualified to apply for certification in the state of Ohio. Graduates must sit for a state-certifying exam. The program is accredited by the Ohio Department of Public Safety, the official accrediting agency as set by Ohio law. The student may register for courses required to apply for certification as an emergency medical technician.

EKG Certificate Degree Requirements

Students should follow and complete the certificate requirements as displayed.

	Fall Semester	Spring Semester	Summer Semester
Year One	CARD 1180 Cardiac Dysrhythmias 4 CARD 1190 Cardiac Dysrhythmias Lab 1 KINE 2560 Anatomy & Physiology I 3 ENGL 1110 College Composition I 3 MATH 1320 College Algebra 3 HEAL 1800 Medical Terminology 3	CARD 1280 12-Lead Interpretation 4 CARD 1290 12-Lead Interpretation Lab 1 RCBS 3300 ACLS 2 ENGL 1130 or higher College Comp. II 3 KINE 2570 Anatomy & Physiology II 3 PSY 1010 Principles of Psychology 3 KINE 2580 Human Physiology for Health Care 3	CARD 1390 12-Lead EKG Interpretation Clinical 4
	Total 17 hours	Total 19 hours	Total 4 hours

Emergency Medical Health Services Certificate – Degree Requirements

Students should follow and complete the degree requirements as displayed.

	Fall Semester	Spring Semester	Summer Semester
Freshman Year	KINE 2560 Anatomy & Physiology I 3 HEAL 1800 Medical Terminology 3 All students must take placement Examinations. Math placement score less than 10 must complete Math 0980 Current CPR Certification/Health Care Provider	EMHS 1040 Prehospital Emergency Life Support (EMT-B) 6	
	Total 6 hours	Total 6 hours	
Sophomore Year	EMHS 2030 Paramedic Emergency Med. I 6 EMHS 2040 Adv. Clinical Practicum I 2 EMHS 2050 Paramedic Skills I 3	EMHS 2160 Paramedic Emergency Med II 6 EMHS 2170 Adv. Clinical Practicum II 2 EMHS 2180 Paramedic Skills II 3	EMHS 2190 Prehospital Externship 3 EMHS 2200 Paramedic Emerg. Med III 2 EMHS 2210 Paramedic Skills III 1
	Total 11 hours	Total 11 hours	Total 6 hours

Medical Coding Certificate Requirements

Students should follow and complete the certificate requirements as displayed.

	Fall Semester	Spring Semester	Summer Semester
Year One	HEAL 1800 Medical Terminology 3 HIM 3210 ICD-9-CM 3 KINE 2560 Anatomy & Physiology I 3 CMPT 1100 Computer Information Appl 3 HIM 1220 Ambulatory Office Practice 3	KINE 2570 Anatomy & Physiology II 3 HIM 2210 Medical Linguistics in Ancil Care 3 HIM 2200 Ambulatory Documentation & Bill 3 HIM 3220 HCPCS/CPT 3 ENGL 1110 College Composition I 3	HIM 2940 Professional Ambulatory Office Practice 3
	Total 15 hours	Total 15 hours	Total 3 hours

Selective Admissions Requirements

Although admission to the college is open, acceptance into the emergency medical health services program is limited. Once admitted to the University, each student must file a separate application for the emergency medical health services program with the college selective admissions committee. Acceptance into the emergency medical health services program is limited due to the number of students who can be accommodated by the faculty and clinical facilities. To be eligible to apply to the program students must have a College or Higher Education GPA of 2.5 or better, have successfully complete with a C or better KINE 2560 Anatomy and Physiology I, HEAL 1800 Medical Terminology and be eligible to take Math 1180, have a current CPR certification at the HCP level and current certification in the state of Ohio as an EMT-B.

Emergency Medical Health Services Certificate Requirements

Students should follow and complete the degree requirements as displayed in the emergency medical health services program of study chart.

Medical Coding Certificate

Students should follow and complete the degree requirements as displayed in the health information management program of study.

Department of Kinesiology

Charles Armstrong, chair

Degree Programs

Bachelor of Science in Exercise Science

- Athletic Training
- Biomechanics
- Clinical Exercise Science
- Exercise Physiology
- Kinesiotherapy
- Pre-physical Therapy

Exercise Science

The bachelor of science degree in exercise science (B.S.E.S.) is designed for those students who wish to study the anatomical, physiological, biomechanical and psychological bases of human physical performance. The curriculum has a strong foundation in the natural sciences, and students have the opportunity to specialize in one of six areas: athletic training, kinesiotherapy, clinical exercise science, exercise physiology, biomechanics and pre-physical therapy. Many students use the degree as a stepping stone to post-graduate education in exercise science, medicine and other allied health fields such as physical therapy and occupational therapy.

Bachelor of Science in Exercise Science Degree Requirements

Students should follow and complete the degree requirements as displayed in the exercise science (athletic training, biomechanics, clinical exercise science, exercise physiology, kinesiology or pre-physical therapy) program of study charts.

Athletic Training

The B.S.E.S. concentration in athletic training prepares students for entry-level positions in college/university, high school, sports medicine clinic, professional and industrial settings. Athletic trainers work under physicians to ensure the health and safety of physically active individuals. Athletic trainers 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 Allied Health Education Programs. In Ohio, athletic training is a licensed profession requiring an additional examination to be licensed. Athletic training is a regulated profession in over 30 states and the UT program meets or exceeds the criteria in virtually all of those states.

Any student may declare an interest in the athletic training education program and begin the preprofessional component of the program. Students are accepted into the professional component, however, on a space-available basis. To do this, at the end of the first year, each student must file an application for acceptance into the professional component of the athletic training education program with the program director. The maximum capacity in the professional component is 36 students and is based on the number of clinical instructors within the athletic department and the number of sports offered by the University. Students starting the athletic training education program after the beginning of their freshman year, whether transferring into the education program from within or outside of the University, begin in the fall semester **only** and are required to take KINE 1110, Introduction to Clinical Athletic Training, at that time. Acceptance into the professional program occurs at the beginning of a student's second year of involvement with the athletic training education program. The National Athletic Trainers Association Board of Certification (NATABOC) requires student athletic trainers to complete their clinical experience over a minimum of two years and a maximum of five years. Thus transfer students may not complete the athletic training education program in less than three years from the date of the first contact with the program.

Further information about the athletic training education program is available at:

http://www.hhs.utoledo.edu/kinesiology/athletic_kins_home.html.

Biomechanics

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

Clinical Exercise Science

Many exercise science students are interested in applying their interest and expertise in human physical performance to the prevention and treatment of disease and disability. The B.S.E.S. concentration in clinical exercise science is designed for these students. In addition to the required exercise science courses, these students take additional coursework that focuses primarily on the use of exercise in the diagnosis and treatment of cardiovascular disease. In addition to an internship and a senior research project, many of these students complete one or more of the certification programs offered by such organizations as the American College of Sports Medicine or the National Strength and Conditioning Association. These certifications, in combination with the student's academic training, provide excellent credentials for employment in wellness programs, cardiovascular rehabilitation and many commercial fitness facilities. A popular option for students interested in this program involves combining an associate's degree program in cardiovascular technology with the B.S.E.S. program in clinical exercise science. Graduates of this 2 + 2 program may find employment in hospital-based cardiology and cardiovascular rehabilitation programs.

Bachelor of Science in Exercise Science - Athletic Training Degree Requirements

Students should follow and complete the degree requirements as displayed.

	Fall Semester	Spring Semester
Freshman Year	ENGL 1110 College Composition I 3 KINE 1110 Intro to Clin Athl. Trng. 2 KINE 1700 Intro to Exercise Science 2 CHEM 1230 General Chemistry I 4 CHEM 1280 General Chemistry I Lab 1 MATH 1340 Algebra & Trig 4 Total 16 hours	KINE 1650 Foundations of Athl Trng 3 HEAL 1500 First Aid 2 HEAL 2500 Personal Health 3 KINE 2510 Human Anatomy 3 KINE 2520 Human Anatomy Lab 1 Multicultural Elective 3 Total 15 hours
Sophomore Year	KINE 2610 Lower Extremity Eval 3 KINE 2710 Clinical Skill Dev. I 2 PSY 1010 Principles of Psychology 3 ENGL 2950 Scientific Tech Rpt. Wrtg. 3 BIOL 2150 Biology 4 BIOL 2160 Biology Lab 1 Total 16 hours	KINE 2530 Human Physiology 3 KINE 2540 Lab 1 KINE 2620 Upper Extremity Eval. 3 KINE 2720 Clinical Skill Dev. II 2 BIOL 2170 Biology II 4 BIOL 2180 Biology II Lab 1 Humanities/Fine Arts Elective 3 Total 17 hours
Junior Year	KINE 2960 Growth, Dev., Mtr. Act 4 KINE 3520 Ex. Physiology 3 KINE 3530 Ex. Phys. Lab 1 KINE 3610 Medical Conditions 2 KINE 3630 Therapeutic Modalities (Int. Lab) 3 KINE 3710 Clinical Skill Dev. III 3 Total 16 hours	KINE 3660 Rehab (Int. Lab) 3 KINE 3720 Clinical Skill Dev. IV 3 MATH 2600 Intro. Stats 3 PHCL 2200 Drugs, Meds. & Soc. 3 COMM 3840 Interpersonal Comm 4 Total 16 hours
Senior Year	KINE 4650 Admin AT Prog. 3 KINE 4710 Clinical Skill Dev. V 3 PHYS 2070 Physics-Mech 5 Multicultural Elective 3 Social Science Core Elective 3 Total 17 hours	KINE 4720 Clinical Skill Dev. VI 4 KINE 4540 Applied Biomechanics 3 KINE 4550 Biomechanics Lab 1 KINE 4910 Senior Research Project 4 HEAL 4700 Nutrition Science 3 Total 15 hours

Bachelor of Science in Exercise Science – Biomechanics Degree Requirements

Students should follow and complete the degree requirements as displayed.

	Fall Semester	Spring Semester
Freshman Year	MATH 1850 Calculus I 4 ENGL 1110 College Composition I 3 KINE 1700 Intro to Exercise Science 2 BIOL 2150 Biology 4 BIOL 2160 Biology I Lab 1 Total 14 hours	MATH 1860 Calculus II 4 HEAL 1500 First Aid 2 BIOL 2170 Biology II 4 BIOL 2180 Biology II Lab 1 EECS 1050 Intro to Comp. In C/C++ 2 HEAL Health Elective 3 Total 16 hours
Sophomore Year	CHEM 1230 General Chemistry I 4 CHEM 1280 General Chemistry I Lab 1 KINE 2510 Human Anatomy 3 KINE 2520 Anatomy Lab 1 PHYS 2140 Physics for Sci. & Engr. II 5 PSY 1010 Principles of Psychology 3 Total 17 hours	PHYS 2130 Physics for Sci. & Eng. I 5 KINE 2530 Human Physiology 3 KINE 2540 Human Physiology Lab 1 ENGL 2950 Scientific Tech. Rpt. Wtr. 3 Humanities/Fine Arts Elective 3 Total 15 hours
Junior Year	CIVE 1150 Engr'g Mechanics: Statics 3 KINE 2960 Growth, Dev., & Motor Act. 4 KINE 4540 Applied Biomechanics 3 KINE 4550 Applied Biomechanics Lab 1 KINE 4990 Independent Study 3 Total 14 hours	MIME 2300 Engr'g Dynamics 3 KINE 3520 Applied Exercise Physiology 3 KINE 3530 Exercise Physiology Lab 1 KINE 3820 Sports Medicine for Coaches 3 KINE 4900 Human Performance Sem 3 COMM 3840 Interpersonal Comm 4 Total 17 hours
Senior Year	KINE 4990 Independent Study 3 RESM 4100 Statistics 3 HEAL 4700 Nutrition Science 3 HEAL Health Elective 3 Multicultural Elective 3 Total 15 hours	KINE 4910 Senior Research Project 4 KINE 4990 Independent Study 3 KINE Kinesiology elective 3 Social Science Core Elective 3 Multicultural Elective 3 Total 13 hours

Bachelor of Science in Exercise Science – Clinical Exercise Specialist Degree Requirements

Students should follow and complete the degree requirements as displayed.

	Fall Semester	Spring Semester
Freshman Year	CHEM 1230 General Chemistry I 4 CHEM 1280 General Chemistry I Lab 1 KINE 1700 Intro to Exercise Science 2 ENGL 1110 College Composition I 3 MATH 1340 Algebra & Trig 4 Total 14 hours	CHEM 1240 General Chemistry II 4 CHEM 1290 General Chemistry II Lab 1 ENGL 2950 Scientific Tech. Rpt. Wrtg. 3 HEAL 1500 First Aid 2 Humanities/Fine Arts Elective 3 Social Science Core Elective 3 Total 16 hours
Sophomore Year	BIOL 2150 Fund. Life Science I 4 BIOL 2160 Fund Life Science I Lab 1 KINE 2510 Human Anatomy 3 KINE 2520 Human Anatomy lab 1 KINE 2960 Growth Devel. & Motor Lrng. 4 Multicultural Non Western Elective 3 Total 16 hours	BIOL 2170 Fund. Life Science II 4 BIOL 2180 Fund. Life Science II Lab 1 KINE 2530 Human Physiology 3 KINE 2540 Human Physiology Lab 1 HEAL Health Elective 3 Social Science Core Elective 3 Total 15 hours
Junior Year	PHYS 2070 Physics I 5 CARD 1180 Cardiac Dysrhythmias 4 CARD 1190 Cardiac Dysrhythmias Lab 1 KINE 3520 Appl'd Exercise Physiology 3 KINE 3530 Appl'd Exercise Phys. Lab 1 KINE 3730 Methods in Fitness Instruct 2 Total 16 hours	PHYS 2080 Physics II 5 CARD 1280 12-Lead Interpretation 4 CARD 1290 12-Lead Interpretation Lab 1 KINE 3820 Sports Medicine for Coaches 3 COMM 3840 Interpersonal Comm. 4 Total 17 hours
Senior Year	KINE 4540 Biomechanics 3 KINE 4550 Biomechanics Lab 1 KINE 4910 Senior Project 4 RESM 4100 Educational Statistics 3 HEAL Health Elective 3 HEAL 4700 Nutrition Science 3 Total 17 hours	KINE 4850 Clinical Exercise Testing 3 KINE 4860 Clinical Exercise Testing Lab 1 KINE 4940 Internship 4 HEAL Health Elective 3 Multicultural Diversity US Culture Elective 3 Total 14 hours

Bachelor of Science in Exercise Science – Exercise Physiology Degree Requirements

Students should follow and complete the degree requirements as displayed.

	Fall Semester	Spring Semester
Freshman Year	ENGL 1110 English Composition I 3 CHEM 1230 General Chemistry I 4 CHEM 1280 General Chemistry Lab 1 KINE 1700 Intro to Exercise Science 2 MATH 1340 Algebra/Trigonometry 4 Total 14 hours	PSY 1010 Principles of Psychology 3 CHEM 1240 General Chemistry II 4 CHEM 1290 General Chemistry II Lab 1 ENGL 2950 Science & Tech. Rpt. Wrtg. 3 HEAL 1500 First Aid 2 Humanities/Fine Arts Elective 3 Total 16 hours
Sophomore Year	KINE 2510 Human Anatomy 3 KINE 2520 Anatomy Lab 1 KINE 2960 Growth, Dev, & Motor Act 4 BIOL 2150 Biology 4 BIOL 2160 Biology Lab 1 Social Science Core Elective 3 Total 16 hours	BIOL 2170 Biology II 4 BIOL 2180 Biology II Lab 1 KINE 2530 Human Physiology 3 KINE 2540 Human Physiology Lab 1 Multicultural Elective 3 General Elective 3 Total 15 hours
Junior Year	KINE 3520 Applied Exercise Physiology 3 KINE 3530 Exercise Physiology Lab 1 PHYS 2070 Physics I 5 Exercise Physiology Elective 6 Total 15 hours	KINE 4540 Applied Biomechanics 3 KINE 4550 Applied Biomechanics Lab 1 KINE 4850 Clin. Exer. Test/Prog. 3 KINE 4860 Clin. Exer. Test/Prog. Lab 1 KINE 4990 Independent Study 2 Exercise Physiology Elective 3 Multicultural Elective 3 Total 16 hours
Senior Year	RESM 4100 Statistics 3 HEAL 4700 Nutrition 3 KINE 4900 Human Performance Seminar 3 KINE 4990 Independent Study 3 Exercise Physiology Elective 3 Total 15 hours	KINE 4910 Senior Research Project 4 KINE 4990 Independent Study 3 COMM 3840 Interpersonal Comm. 4 General Electives 6 Total 17 hours

Exercise Physiology Concentration Electives include: CHEM 2410 Organic Chemistry I, CHEM 2460 Organic Chemistry I Lab, CHEM 2420 Organic Chemistry II, CHEM 2460 Organic Chemistry II Lab, PHCL 2600 Functional Anatomy and Pathophysiology

Bachelor of Science in Exercise Science - Kinesiotherapy Degree Requirements

Students should follow and complete the degree requirements as displayed.

	Fall Semester	Spring Semester	Summer Semester
Freshman Year	ENGL 1110 English Composition I 3 KINE 1700 Intro to Exercise Science 2 CHEM 1230 General Chemistry I 4 CHEM 1280 General Chemistry I Lab 1 MATH 1340 College Algebra/Trig 4 KINE 4940 KT Internship 2 Total 16 hours	HEAL 1500 First Aid 2 CHEM 1240 General Chemistry II 4 CHEM 1290 General Chemistry II Lab 1 ENGL 2950 Tech. Science Report Wrtg. 3 PSY 1010 Principles of Psychology 3 Social Science Elective 3 Total 16 hours	
Sophomore Year	CARD 1180 Cardiac Dysrhythmias 4 CARD 1190 Cardiac Dysrhythmias Lab 1 KINE 2510 Human Anatomy 3 KINE 2520 Anatomy Lab 1 KINE 2960 Growth, Devel, Motor Act 4 KINE 3510 Intro to Kinesiotherapy 3 Total 16 hours	KINE 2530 Human Physiology 3 KINE 2540 Human Physiology Lab 1 KINE 4570 Theory & Prac of Kines 3 KINE 4580 Kinesiotherapy Lab 1 PSY 2200 Abnormal Psychology 3 Multicultural Elective 3 Humanities Elective 3 Total 17 hours	
Junior Year	BIOL 2150 Fund. Life Science I 4 BIOL 2160 Fund. Life Science I Lab 1 KINE 4540 Applied Biomechanics 3 KINE 4550 Applied Biomechanics Lab 1 KINE 4620 Therapeutic Kinesiology 3 KINE 4640 Neuro/Path of Rehab 3 KINE 4940 KT Internship 2 Total 17 hours	BIOL 2170 Fund Life Science II 4 BIOL 2180 Fund Life Science II Lab 1 KINE 3520 Applied Exercise Physiology 3 KINE 3530 Exercise Physiology Lab 1 KINE 4850 Clinical Exercise Program. 3 KINE 4860 Clinical Exercise Prog. Lab 1 KINE 4940 KT Internship 3 Total 16 hours	
Senior Year	PHYS 2070 Physics – Mechanics 5 HEAL 4560 Health Prob. Of Aging 3 COMM 3840 Interpersonal Comm. 4 RESM 4100 Statistics 3 Total 15 hours	KINE 4910 Senior Research Project 4 KINE 4940 Internship 4 HEAL 4700 Nutrition Science 3 HEAL Elective 3 Multicultural Elective 3 Total 17 hours	

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

Students should follow and complete the degree requirements as displayed.

	Fall Semester	Spring Semester
Freshman Year	CHEM 1230 General Chemistry I 4 CHEM 1280 General Chemistry I Lab 1 MATH 1340 College Algebra/Trig. 4 ENGL 1110 Composition I 3 KINE 1700 Intro to Exercise Science 2 Total 14 hours	CHEM 1240 General Chemistry II 4 CHEM 1290 General Chemistry II Lab 1 PSY 1010 Principles of Psychology 3 HEAL 1800 Medical Terminology 3 ENGL 2950 Scientific Tech. Rpt. Wrtg. 3 Multicultural Elective 3 Total 17 hours
Sophomore Year	BIOL 2150 Biology Life Science I 4 BIOL 2160 Biology Life Science I Lab 1 KINE 2510 Human Anatomy 3 KINE 2520 Human Anatomy Lab 1 HEAL 2700 Community Health 3 SOC 1010 Intro to Sociology 3 Humanities Elective 3 Total 18 hours	BIOL 2170 Biology Life Science II 4 BIOL 2180 Biology Life Science II Lab 1 KINE 2530 Human Physiology 3 KINE 2540 Human Physiology Lab 1 SOC 3800 Social Psychology or PSY 2700 Social Psychology 3 Multicultural Elective 3 Total 15 hours
Junior Year*	KINE 2960 Growth Devel. & Motor Lng 4 KINE 3520 Applied Exercise Physiology 3 KINE 3530 Appl. Exercise Physiol. Lab 1 PHYS 2070 Physics I 5 RESM 4100 Educational Statistics I 3 Total 16 hours	KINE 4540 Applied Biomechanics 3 KINE 4550 Applied Biomechanics Lab 1 HEAL 4700 Nutrition Science 3 PHYS 2080 Physics II 5 Communication (select one) 3-4 COMM 3840 Interpersonal Comm. (4) COMM 1010 Comm. Prin. & Practices (3) Total 15 - 16 hours
Senior Year	All course work is taken at MCO Total 15 hours	All course work is taken at MCO Total 15 hours

* Apply to Physical Therapy Program at MCO in fall of third year.

* Note – The above program describes the current curriculum that ultimately leads to the MSBS degree in Physical Therapy from the Medical College of Ohio. It is anticipated that MCO will implement the DPT degree in the near future, in which case the above curriculum will be modified to include a senior year of Pre-Physical Therapy that is completed at the University of Toledo.

Exercise Physiology

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

Kinesiotherapy

Students completing the concentration in kinesiotherapy learn to apply medically prescribed therapeutic exercises to the treatment of patients with both physical and psychological illnesses. Kinesiotherapists use many types of exercises to enhance the strength, flexibility and neuromuscular coordination of the patients they treat. Psychiatric patients are treated by resocialization activities and exercise, which are specifically oriented toward the accomplishment of psychiatric objectives. The department operates its own Kinesiotherapy Center, where students have an opportunity to develop their clinical skills with actual patients, while working under the supervision of registered kinesiotherapists. The program is fully accredited by the Commission on Accreditation of Allied Health Education Programs committee on Accreditation of Kinesiotherapy, and graduates of the program are eligible to sit for the national AKTA registration examination. Recent graduates are employed in public and private hospitals and clinics, rehabilitation centers, VA hospitals, public schools, colleges and private industry.

Pre-Physical Therapy

The pre-physical therapy option provides students with the opportunity to complete the B.S.E.S. degree and at the same time complete the courses necessary for admission into a typical master's or doctoral entry-level physical therapy program. In this unique program, students study exercise science at The University of Toledo for three years. During the third year, they apply to the Medical College of Ohio (MCO) to enter the master's degree program in physical therapy. Those who are admitted to this program spend their senior year at MCO completing the first year of physical therapy training. At the end of their senior year they graduate from The University of Toledo with a B.S.E.S. degree. They then complete an additional two years of physical therapy training at MCO as master's degree students. Upon successful completion of this, they are awarded the M.S.E.S. degree from MCO. Although any student is welcome to complete the first three years of the program, admission to the fourth year of this program is selective and competitive. Completion of the pre-physical therapy option does not guarantee acceptance to the professional curriculum at MCO. * NOTE: Planning is currently underway to convert the MCO program from a master's degree program to a doctorate in physical therapy degree program. When implemented, the pre-physical therapy degree concentration will convert to a four-year program.

Optional (Self-Designed)

Many students are interested in a degree in exercise science but would like to develop a concentration in a unique area. For instance, a student may plan to enter a professional or graduate degree program in an area with specific undergraduate prerequisites that are not included in any of the departmental concentrations. Another example is a student whose personal interests could best be served by a custom-designed concentration. Any

student in the B.S.E.S. program may elect to develop an optional concentration, in lieu of one of the structured concentrations. These optional concentrations are developed around a theme related to exercise science and are designed in collaboration with a departmental faculty adviser. The student must file with the Student Services Office of the College of Health and Human Services an optional program plan of study that has been approved by the student's adviser and the chair of the kinesiology department. Students have used the optional program to prepare for advanced training in fields such as physician assistant, occupational therapy, physical therapy, therapeutic recreation, medicine, medical and health-related sales, public health and many other fields related to health and human physical performance.

Additional information about the bachelor of science in exercise science can be found at the department's Web site: <http://www.hhs.utoledo.edu/kinesiology/undergradprograms.html>.

Department of Military Science

Army ROTC (U.S. Army Reserve Officers' Training Corps Program)

LTC Robert L. Schaefer, chair

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

Army ROTC Basic Course

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

Army ROTC Advanced Course

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

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

Army ROTC Scholarships

The ROTC program offers four-year, three-year and two-year scholarships to qualified students. An Army ROTC scholarship can provide all of the tuition and fees at The University of Toledo. Four-year and three-year advanced designee (A.D.) winners received a free room and board incentive from the University. Three-year A.D. winners also receive free first-year tuition. All scholarship awards include an allowance for textbooks and supplies and a monthly spending allowance for up to 10 months per year during the scholarship period. Additional locally-funded scholarships are available for a limited number of cadets. Students may inquire about Army ROTC scholarships by contacting the department of military science.

General Eligibility Requirements

To enroll in the ROTC program, the student must:

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

Additional requirements exist for advanced course participation. Contact the department of military science for specific information.

Uniforms and Textbooks

Army uniforms, equipment, textbooks and materials necessary for military science courses are loaned to students.

Special Opportunities

Selected students participating in the ROTC program may attend airborne, air assault, mountain warfare or northern warfare training. In addition, selected students are offered the opportunity to participate in cadet troop leadership training and spend three weeks performing the duties of an officer at Army installations. Students in the advanced course may elect to serve as officer trainees in local Army National Guard and Army Reserve units, thereby receiving additional training, experience and financial support while attending college.

Credit for Previous Military Training

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

1. By transfer. Constructive credit will be granted at the time of entrance to The University of Toledo for corresponding military science courses completed satisfactorily in a senior division ROTC unit in another college or university.
2. Other training or service. Constructive credit will be granted at the time the student enters the ROTC program at The University of Toledo. If for any reason the student does not complete the ROTC program that he or she begins, this credit will be withdrawn.
 - a. Service academy education. Students who have satisfactorily completed work at a service academy may receive constructive credit for up to three years of military science. The department will make a credit determination at the time that the student enrolls.

- b. Active service or active duty for training (ADT) in the U.S. Army, U.S. Army Reserve, Army National Guard, Navy, Air Force, Marine Corps or Coast Guard. The professor of military science may grant constructive credit for up to two years of the basic course, dependent upon service duties.
- c. Junior ROTC or military school training. Students who have had Junior ROTC or military school training should contact the professor of military science for credit determinations. Maximum allowable constructive credit will be the two-year basic course.
- d. Successful completion of ROTC Leaders Training Course provides credit for the on-campus Basic Course. Students may qualify for the leaders training course if they have two or more years of study remaining at either the undergraduate or graduate level and if they meet the other eligibility requirements. The Leaders Training Course is conducted at Fort Knox, Kentucky.

Minor in Military Science

A minor in military science complements a variety of University majors through the development and practice of leadership skills and techniques. This minor also prepares future officers of the U.S. Army for a career while they complete the requirements of their major course of study.

Students seeking a minor in military science must successfully complete 25 hours of military science courses, with a minimum GPA of 2.5. Requirements in certain majors and curricula will require ROTC students to take more than the minimum number of hours required for graduation. When finalizing their program, students should consult an academic adviser within the department of their declared major.

Following are the requirements for the minor in military science:

1. Six credit hours at the basic course level
2. 18 credit hours at the advanced course level
3. One credit hour in a military science elective at the 3000 level or higher, and
4. Minimum GPA of 2.5 in military science classes.

Military Science Courses

Hours

Basic Course:

MSL 1010	Foundations of Officership (fall).....	2
MSL 1020	Basic Leadership (spring).....	2
MSL 1030	Introduction to Physical Fitness.....	1
MSL 1040	Physical Fitness.....	1
MSL 2010	Individual Leadership Studies (fall).....	3
MSL 2020	Leadership and Teamwork (spring).....	3
MSL 2030	Physical Training I.....	1
MSL 2040	Physical Training II.....	1
MSL 2200	Leaders Training Course (summer).....	3

Advanced Course:

MSL 3010	Leadership and Problem Solving (fall).....	3
MSL 3020	Leadership and Ethics (spring).....	3
MSL 3030	Physical Fitness Planning I.....	1
MSL 3040	Physical Fitness Planning II.....	1
MSL 3600	Airborne Operations (summer).....	1
MSL 3700	Cadet Troop Leadership Training (summer).....	1
MSL 3800	Air Assault Operations (summer).....	1
MSL 3850	Leaders Development and Assessment Course (summer).....	3
MSL 4010	Leadership and Staff Management (fall).....	3
MSL 4020	Officership (spring).....	3
MSL 4030	Advanced Physical Fitness Planning I.....	1
MSL 4040	Advanced Physical Fitness Planning II.....	1
MSL 4800	Gettysburg: A Military History (fall).....	3

Courses in bold are required in order to receive a commission in the U.S. Army, Army Reserve or Army National Guard.

Air Force ROTC

(OFFERED IN COOPERATION WITH BOWLING GREEN STATE UNIVERSITY DEPARTMENT OF AEROSPACE STUDIES)

Col. William Wessleman, chair

The objective of the Air Force Reserve Officers' Training Corps (AF-ROTC) program is to provide a college-level education and qualify students for commissioning as second lieutenants in the U.S. Air Force.

Admission

Offered in cooperation with Bowling Green State University, the AFROTC program consists of a General Military course offered to freshmen and sophomores and a Professional Officer course offered to selected juniors and seniors. Interested students should contact the department of aerospace studies at 419.372.2176 for specific information on the program, or visit the Web site at <http://www.bgsu.edu/departments/airforce>.

Department of Public Health and Rehabilitative Services

Degree Programs

- Community Health
- Health Care Administration
- Nursing Home Administration
- Recreation & Leisure Studies
- Recreational Therapy
- School Health Education (jointly offered with College of Education)
- Speech-Language Pathology

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

Community Health

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

Bachelor of Science in Community Health Degree Requirements

Students should follow and complete the degree requirements as displayed in the community health program of study chart.

In addition, students should complete the following requirements:

Natural Science Courses (29 hours)		Hours
<i>(Six hours used to satisfy University core)</i>		
BIOL	2150	Fundamentals of Life Sciences I.....4
BIOL	2160	Fundamentals of Life Sciences Lab I.....1
CHEM	1210	Chemistry for Life Sciences.....3
CHEM	1220	Chemistry for Life Sciences II.....3
HHS	2590	Microbiology & Infectious Diseases4
KINE	2510	Human Anatomy3
KINE	2520	Human Anatomy Lab.....1
KINE	2530	Human Physiology.....3
KINE	2540	Human Physiology Lab.....1

KINE	3520	Applied Exercise Physiology.....3
KINE	3530	Applied Exercise Physiology Lab.....1
KINE	3730	Fitness Assessment and Programming.....2

Social Sciences (12 hours) Hours

Choose four courses from the following:

ANTH	4760	Medical Anthropology3
PSC	2300	Principles of State & Local Government.....3
PSC	4350	Health Care Delivery Systems.....3
PSY	2200	Abnormal Psychology.....3
PSY	2700	Social Psychology.....3
SOC	1750	Social Problems (may satisfy core soc. sci.).....3
SOC	4100	Community Organizing & Development.....3
SOC	4160	Health & Gender.....3
SOC	4180	Medical Sociology3
SOC	4660	Racial & Ethnic Minorities3
SOC	4730	Social Psychiatry.....3

Skill for Community Health (9-10 hours) Hours

Choose three courses from the following:

COMM	2000	Mass Communication and Society.....3
COMM	2600	Public Presentations3
COMM	3820	Persuasion Theory.....4
EDP	4330	Behavior Management.....3
HEAL	1800	Medical Terminology3
TSOC	4100	Group Processes in Education3

Health Education Pre K-12

Students who complete the health education major will be eligible for license to teach health education pre K-12. (See the College of Education for B.Ed degree details.)

Health Care Administration

Students who have earned an associate's degree in an allied health field and who have at least one year of work experience in the health care field are eligible to enter the health care administration program. This interdisciplinary program introduces allied health professionals to managerial concepts and related skills. The health care core courses enhance students' knowledge of current health issues, federal and state legislation affecting health care, and management theories and decision making, all of which are important in health care administration.

Bachelor of Science in Health Care Administration Degree Requirements

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

Nursing Home Administration

The nursing home administration program has been approved by the Ohio Board of Examiners of Nursing Home Administrators. Patterned on the guidelines set forth by the Association of University Programs in Health Administration, Office of Long-Term Care, the program encompasses the core curriculum, an overview of nursing home administration and practical experience through a nursing home internship, all of which help to prepare the student for a career in long term care administration.

The student is able to take the licensing examination of the Ohio Board of Examiners of Nursing Home Administrators upon graduation from this program.

Bachelor of Science in Community Health – Degree Requirements

Students should follow and complete the degree requirements as displayed.

	Fall Semester	Spring Semester
Freshman Year	HEAL 2000 Foundations for Health Ed 3 ENGL 1110 College Composition I 3 MATH 1180 Mathematics for Liberal Arts 3 HEAL 1500 First Aid 2 HHS 1000 College Orientation 1 Humanities/Fine Arts Elective 3 Total 15 hours	CHEM 1120 Chemistry for Health Sciences 4 ENGL 1130 or higher College Comp II 3 BIOL 2150 Fund. Of Life Sciences 4 BIOL 2160 Fund. Of Life Sciences Lab 1 SOC 1750 Social Problems 3 Total 15 hours
Sophomore Year	KINE 2510 Human Anatomy 3 KINE 2520 Human Anatomy Lab 1 HEAL Health Elective 3 HEAL 2700 Community Health Skills/Comm Health Elective 3 Humanities/Fine Arts Elective 3 Total 16 hours	KINE 2530 Human Physiology 3 KINE 2540 Human Physiology Lab 1 HEAL 2400 General Safety 3 HEAL 2940 Internship In Comm Hlth 1 Multicultural Elective 3 HHS 2590 Micro and Infectious Diseases 3 Total 14 hours
Junior Year	HEAL 3500 Environmental Health 3 KINE 3520 Appl'd Exercise Physiology 3 KINE 3530 Appl'd Exercise Phys. Lab 1 Social Science Core Elective 3 Skills/Comm Health Elective 4 Elective 3 Total 17 hours	HEAL 3600 Prev/Control of Disease 3 HEAL 4100 Health Behavior 3 HEAL 4800 Public Health Research/Stats 3 KINE 3730 Fitness Assessment/Program 2 Skills/Comm Health Elective 3 Social Science Support Elective 3 Total 17 hours
Senior Year	HEAL 4200 Methods/Materials in C.H. 3 HEAL 4700 Nutrition Science 3 HEAL Health Elective 3 Social Science Support Elective 3 Elective 3 Total 15 hours	HEAL 4940 Senior Field Experience 9 Social Science support Elective 3 Multicultural Elective 3 Total 15 hours

Bachelor of Science in Health Care Administration – Degree Requirements

Students should follow and complete the degree requirements as displayed.

	Fall Semester	Spring Semester
Junior Year	ENGL 2960 Organ. Report Writing 3 ECON 1200 Prin. Of Microeconomics 3 HCAR 4510 Medical/Legal Aspects of Health Care 3 BUAD 2040 Financial Accounting Info. 3 BUAD 3030 Managerial and Behavioral Processes 3 Total 15 hours	ECON 4750 Health Economics 3 HCAR 4500 Health Care Info Systems 4 HEAL 2700 Community Health 3 HURM 3220 Intro to Human Resource Management 3 PHIL 3370 Medical Ethics 3 Total 16 hours
Senior Year	HCAR 4530 Problem Solving In Health Care Environment 4 SOC 4180 Medical Sociology 3 HEAL 2500 Personal Health Program Electives 6 Total 16 hours	HEAL 4800 Public Health Research/Stats 3 HCAR 4540 Internship in Health Mid Mgmt. 3 HCAR 4550 Health Care Finance Program Electives 3 Total 12 hours

Bachelor of Science in Recreation & Leisure Studies – Degree Requirements

Students should follow and complete the degree requirements as displayed.

	Fall Semester	Spring Semester	Summer Semester
Freshman Year	ENGL 1110 College Composition I 3 RCRT 1300 Intro to Rec. Leisure 3 HEAL 1500 First Aid 2 MATH 1180 Mathematics for Liberal Arts 3 RCA 1010, 1020, or 1030 3 Total 14 hours	ENGL 2960 Organizational Report Writing 3 RCRT 1310 Recreation Programming 3 PSY 1010 Principles of Psychology 3 HEAL 2500 Personal Health 3 Humanities Elective 3 Total 15 hours	
Sophomore Year	RCRT 3310 Rec. & Adapt. for Special Pops. 3 Natural Science Elective 3-4 SOC 1750 Social Problems 3 Multicultural Elective 3 COMM 3840 Interpersonal Communication 4 Total 16-17 hours	RCRT 2300 Leadership & Group 3 RCRT 3710 Adventure Prog. in Rec. & RT 3 COMM 2600 Public Presentations 3 Natural Science Elective 3 Total 13 hours	RCRT 3940 Rec. Application Experience 3 Total 3 hours
Junior Year	RCRT 4340 Leisure, Recreation, & Aging 3 RCRT 4430 Interpretive Services 3 PSY 2510 Lifespan Developmental Psyc. 3 Program Elective 3 Total 12 hours	RCRT 4450 Research App. in Rec. & RT 3 Multicultural Elective 3 Program Electives 6 RCRT 4530 Recreation Policy & Leadership 3 NOTE: RCRT 4530 may be taken in spring or Summer Semester based on availability. Total 12-15 hours	
Senior Year	RCRT 4330 Administration in Recreation and Recreational Therapy 3 RCRT 4440 Park/Recreation Planning 3 Program Electives 3 BUAD 3030 Mgr. & Behavioral Processes 3 Total 12 hours	RCRT 4850 Internship Preparation 1 RCRT 4520 Urban Pk. & Open Space Adm. 3 Program Electives 2-3 RCA 1010, 1020, or 1030 3 GEPL 3710 Urban Environments 3 Total 12- 13 hours	CULMINATING EXPERIENCE RCRT4770 Project Design 2 RCRT 4780 Project Evaluation 2 RCRT 4930 Senior Internship 4 RCRT 4930 Senior Internship 4 Total 12 hours

B.S. in Nursing Home Administration Degree Requirements

Students should follow and complete the degree requirements as displayed.

	Fall Semester	Spring Semester	Summer Semester
Freshman Year	ENGL 1110 College Composition I 3 KINE 2560 Anatomy & Physiology I 3 MATH 1180 Mathematics for Liberal Arts 3 PSY 1010 Principles of Psychology 3 ECON 1200 Prin. Of Micro-Economics 3 Total 15 hours	HEAL 1500 First Aid 2 HEAL 1800 Medical Terminology 3 MARS 1010 Marketing Principles 3 CMPT 1100 Computer Info. Appl's 3 SOST 1130 Community Resources 3 Total 14 hours	
Sophomore Year	KINE 2570 Anatomy & Physiology II 3 BUAD 2040 Financial Accounting Info. 3 BMGT 2020 Human Resource Development 3 PSY 2200 Abnormal Psychology 3 HEAL 2800 Principles of Nutrition 3 Total 15 hours	BUAD 2050 Acct'g for Business Decision 3 BMGT 2310 Legal Envrnmnt of Business 3 PHCL 2220 Drugs, Meds, and Society 3 HEAL 2700 Community Health 3 PSY 2500 Developmental Psychology 3 Total 15 hours	
Junior Year	ENGL 2960 Organizational Report Wrtg. 3 BUAD 3030 Managerial/Behavior Proc. 3 PHIL 3370 Medical Ethics 3 HEAL 4560 Health Problems of the Aging 3 Multicultural Elective 3 Total 15 hours	HURM 3220 Human Resource Mgmt 3 COMM 3840 Interpersonal Comm. 4 HEAL 3800 Death & Dying 3 PSY 3010 Culture & Psychology * 3 Multicultural Elective 3 Total 16 hours	HEAL 4940 Internship ** 10 Total 10 hours
Senior Year	PHPR 4400 Human Interaction in Health* 2 HEAL 4800 Public Health Res & Stats 3 TSOC 4100 Group Processes 3 HCAR 4360 Quality Improvement in H.C. 3 ECON 4750 Health Economics 3 Total 14 hours	HCAR 4510 Med./Legal Aspects of H.C. 3 HCAR 4530 Problem Solving in H.C. 3 HCAR 4550 Health Care Finance 3 RCRT 4720 Intro to Therapeutic Rec. 3 SOC 4180 Medical Sociology 3 Total 15 hours	

* Other elective courses may be substituted

** Internship could be completed in either junior or senior year

Bachelor of Science in Nursing Home Administration Degree Requirements

Students should follow and complete the degree requirements as displayed in the nursing home administration program of study chart.

Recreation and Leisure Studies

The recreation and leisure studies program is designed to meet the needs of a rapidly growing leisure-oriented society. There is an increasing demand for direct leadership, supervisory, executive and managerial talent in all areas of recreation management.

Students who earn a bachelor of science in recreation and leisure studies receive a degree accredited by the National Recreation and Park Association/American Association of Leisure and Recreation (NRPA/AALR) and are eligible to apply for the Certified Park and Recreation Professional (CPRP) certification.

Bachelor of Arts in Recreation and Leisure Studies Degree Requirements

Students should follow and complete the degree requirements as displayed in the recreation and leisure studies program of study chart.

Students wishing to major in recreation and leisure studies (RLS) enter under conditional status. The RLS student is able to enroll in University Undergraduate Core curriculum courses, pre-recreation and leisure studies curriculum courses and recreation and leisure studies support curriculum courses while they are in conditional status.

Selective Admission Requirements

After completion of all pre-recreation and leisure studies curriculum courses and the completion of 30 additional credit hours from both the University Undergraduate Core Curriculum and RLS support curriculum courses, a student is eligible to apply for acceptance into the upper division of the RLS major. Minimum requirements for admittance to the upper division of the RLS major include:

1. Completion of 48 credit hours taken from a) the University Core curriculum; b) RLS support curriculum; and c) pre recreation and leisure studies curriculum. Note: 18 of these 48 credit hours must come from the pre-recreation and leisure studies curriculum.
2. Completion of all courses in the pre-recreation and leisure curriculum, with no less than a B- in any course.
3. Completion of the recreation and leisure studies application.

Once students are formally accepted into the upper division of the RLS program, they are permitted to begin taking professional sequence curriculum courses.

Culminating Experience Requirements

After completion of a required RLS course work, students are eligible to apply for the RLS senior internship. The senior internship is the final RLS curriculum requirement and is designed to provide the student with an opportunity to apply educational achievements in a practitioner setting. Minimum requirements for approval to complete the 10-hour culminating experience include:

1. Completion of all RLS RCRT courses with no less than a B- grade in any course;
2. A cumulative GPA of no less than 2.5 for all course work completed; and
3. Approval to complete the senior internship.

Graduation Requirements

To be eligible to graduate with an RLS major, a student must:

1. Complete a minimum of 124 credit hours; and
2. Complete the entire RLS curriculum with no less than a B- grade in any RCRT course.

Recreational Therapy

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). The program is designed to give the student a basic foundation in the three major areas of therapeutic recreation service delivery: treatment, leisure education and special recreation.

Selective Admission Requirements

Following are the requirements for admission to the recreational therapy program:

1. Acceptance into the junior-year recreational therapy courses requires completion of RCRT 1300, 1310, 2300, 3310; PSY 2200, 2510 and HEAL 1800 with a B- or higher in each course; and
2. Acceptance into the senior-year therapy courses requires: (a) completion of RCRT 4720, 4730, 4740, 4750 and 4790 with a B- or higher in each course; (b) 77 semester hours with a GPA of 2.5 or higher; (c) 100 experience hours (50 hours will be completed during pre-professional course work); (d) three letters of recommendation and (e) completion of the recreational therapy professional sequence application.

Graduation Requirements

To be eligible to graduate, recreational therapy students must:

1. Complete the degree requirements as displayed in the recreational therapy program of study chart; and
2. Complete all RCRT courses with a B- or higher in each course.

Bachelor of Science in Recreational Therapy Degree Requirements

Students should follow and complete the degree requirements as displayed in the recreational therapy program of study chart.

Students should choose one of the following tracks: psychology, pediatrics, therapeutic arts, pre-occupational therapy, geriatrics, communication or general.

Psychology Minor (9 hours)

Students must apply to the College of Arts & Sciences for the minor.

Select three courses from the following:

PSY	3200	Personality and Individual Differences.....	3
PSY	3210	Clinical Psychology	3
PSY	3220	Psychopathology of Childhood.....	3
PSY	3500	Adolescence	3
PSY	3510	The Adult Years.....	3
PSY	3700	Small Group Behavior	3

Pediatrics (6 hours)

PSY	3220	Psychopathology of Childhood.....	3
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Select one course from the following:

AED	4140	Art Education for the Special Child.....	3
AED	4240	Adaptive Methods in Therapeutic Art for Children.....	3

Bachelor of Science in Recreational Therapy – Degree Requirements

Students should follow and complete the degree requirements as displayed.

	Fall Semester	Spring Semester	Summer Semester
Freshman Year	RCRT 1300 Intro to Rec/Leisure 3 PSY 1010 Principles of Psychology 3 SOC 1010 Introduction to Sociology 3 ENG 1110 College Comp I 3 MATH 1180 Math for Lib Arts 3 Total 15 hours	RCRT 1310 Rec. Programming 3 PSY 2510 Lifespans Dev. Psy. 3 Natural Science Core Elective 3 ENG 2960 Organizational Report Writing 3 Humanities/Fine Arts Elective 3 Total 15 hours	
Sophomore Year	RCRT 2300 Rec Leadership & Grp Dyn 3 KINE 2560 Anatomy & Physiology I 3 PSY 2200 Abnormal Psychology 3 PSY 2400 Cognitive Psychology 3 Track Course 3 Total 15 hours	RCRT 3310 Rec. & Adapt Spec Pops 3 KINE 2570 Anatomy & Physiology II 3 HEAL 1800 Medical Terminology 3 PSY 2700 Social Psychology Track Course 3 Track Course 3 Total 15 hours	
Junior Year	RCRT 4720 Introduction to TR 3 RCRT 4730 Med/Clinical Aspects TR 3 AED 3300 Crafts in Art 3 Multicultural Elective 3 Select 2 or 3 from RCRT 4600, 4610, 4630, 4660 or 4670 2-3 Total 14-15 hours	RCRT 4740 Assess & Doc in TR 3 RCRT 4750 Group Dynamics in RT 3 RCRT 4790 Med/Clinical Aspects TR II 3 RCRT 4340 Rec/Leisure & Aging 3 Select 2 or 3 from RCRT 4600, 4610, 4630, 4660 or 4670 2-3 Total 14-15 hours	RCRT 4840 RT Clinical: Pediatric 1 Total 1 hour
Senior Year	RCRT 4450 Research App in Rec/RT 3 RCRT 3710 Adventure Prog in Rec/RT 3 RCRT 4800-4830 RT Clinicals 2 RCRT 4850 Internship Prep: RT 1 Track Course 3 Select 2 or 3 from RCRT 4620, 4640, 4650, 4680 or 4690 2-3 Total 14-15 hours	RCRT 4330 Admin in Rec & RT 3 RCRT 4800-4830 RT Clinicals 2 RCRT 4700 Creative Art Therapies 3 Multicultural Elective 3 Select 2 or 3 from RCRT 4620, 4640, 4650, 4680 or 4690 2-3 Total 13-14 hours	Summer 1 RCRT 4940 RT Internship 4 RCRT 4770 RT Project Design 2 Summer 2 RCRT 4940 RT Internship 4 RCRT 4780 RT Project Evaluation 2 Total 12 hours

Junior Interventions: RCRT 4600 Craft Therapy; 4610 Horticulture Therapy; 4630 Play & Humor Therapy; 4660 Fitness & Relaxation Therapy; 4670 Leisure Education
Senior Interventions: RCRT 4620 Pet Assisted Therapy; 4640 Therapeutic Groups; 4650 Therapeutic Riding; 4680 Assistive Technology; 4690 Aquatic Therapy
Senior Clinicals: RCRT 4800 Physical Rehabilitation; 4810 Psychiatric Rehabilitation; 4820 Mental Retardation/Developmental Disability; 4830 Geriatric

Program Total: 127-130

Choose one or more tracks @ 6-9 hours each

Bachelor of Science in Speech-Language Pathology – Degree Requirements

Students should follow and complete the degree requirements as displayed.

	Fall Semester	Spring Semester
Freshman Year	SLP 2400 Intro to Communication Dis 3 KINE 2560 Anatomy & Physiology 3 MATH 1320 College Algebra 3 SOC 1010 Intro to Sociology 3 ENGL 1110 College Composition I 3 Total 15 hours	HEAL 1500 First Aid 2 HEAL 1800 Medical Terminology 3 PSY 1010 Principles of Psychology 3 ENGL 2960 or Composition II 3 Humanities/Fine Arts Elective 3 Natural Science Elective 3 Total 17 hours
Sophomore Year	SLP 3010 Clinical Phonetics 3 SLP 3020 Anat. & Physiology of Speech & Hear 3 SLP 3030 Normal Lang. Acquisition 3 SPED 4620* Diversity Seminar 1 SPED 3670 American Sign Language 3 Multicultural Elective 3 Total 16 hours	SLP 3140 Analyzing Language 3 SLP 3200 Articulation/Phono Disorders 3 SLP 3300 Comm. Disorders: Language 3 MATH 2600 or PSY 2100 Statistics 3 CMHS 3070, 4080, 4090 or SPED 4260 3 Total 15 hours
Junior Year	SLP 3510 Speech Science 3 SLP 3800 Methods of Clinical Interven 3 SPED 4630* Collaboration for the SLP 1 EDP 3280* or other option 3 CMHS 3070, 4080, 4090 or SPED 4260 3 Option 3 Total 16 hours	SLP 4000 Beginning Clinical Practicum 2 SLP 4600 Voice & Fluency Disorders 3 SPED 2040 Perspectives in Special Educ 3 EDP 3290* HEAL 4560 or PSY 2510 3 CIET 2020* Tech & Multimedia in Ed Env 2 Option 3 Total 16 hours
Senior Year	SLP 4500 Org. Disorders-Speech/Lang 3 SLP 4300 Adv. Clinical Prac. I 2 SLP 3400 Audiology 3 SPED 4370* or other option 3 Humanities/Fine Arts Elective 3 Multicultural Elective 3 Total 17 hours	SLP 3500 Aural Rehab & Speech Reading 3 SLP 4700 Diag. Proced. In Comm. Dis. 3 SLP 4800 Adv. Clinical Prac. II 2 SPED 4120* or other option 3 Options or Electives 3-5 Total 14 - 16 hours

* School License Option

SLP	2400	Communication Disorders	3
SLP	3030	Normal Language.....	3

Therapeutic Arts (9 hours)

AED	4300	Media & Methods in Therapeutic Art.....	3
AED	4560	Introduction to Therapeutic Art	3

Select one course from the following:

AED	4140	Art Education for the Special Child.....	3
AED	4240	Adaptive Methods in Therapeutic Art for Children.....	3
AED	4280	Therapeutic Art for Adult Populations.....	3

Geriatric (6 hours)

HEAL	3800	Death & Dying
HEAL	4560	Health Problems of Aging

Communication (6 hours)

Select two courses from: SLP 2400 Communication Disorders; 3010 Clinical Phonetics; 3020 Anatomy & Physiology of Speech and Hearing Mechanism; 3030 Normal Language Acquisition; SPED 3670 American Sign Language I; 3680 American Sign Language II.

General (6 hours)

Select two courses from any track area or other courses approved by advisor.

MCO Pre-Occupational Therapy (6 hours)

AED	4560	Introduction to Therapeutic Art	3
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One course from any other track or an elective approved by adviser.

MCO Occupational Therapy Program Selection Application Criteria

To apply for admission to the MCO Occupational Therapy Program, students must meet these criteria:

1. Completion of PSY 1010 Principles of Psychology, SOC 1010 Introduction of Sociology, PSY 2510 Lifespan Development Psychology, PSY 2200 Abnormal Psychology, KINE 2560 Anatomy & Physiology I, KINE 2570 Anatomy & Physiology II and HEAL 1800 Medical Terminology with a B- or higher in each course.
2. Completion of a bachelor's degree with a 3.0 or higher GPA. 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 3.0 GPA after acceptance.
3. Completion of the GRE with an average of 33 percent across the three areas: verbal, quantitative and writing.

The MCO Occupational Therapy program is selective and completion of the above criteria does not guarantee admission into the program. A student completing the above requirements prior to or during the fall semester of their junior year can apply to the early entrée program. All students not accepted into the early entrée program should apply prior to the start of or during the fall semester of their senior year.

Speech-Language Pathology

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 and selection of medical, multidisciplinary, school, or science-research preparatory options. A master's degree is one of the requirements for licensure and certification as a speech-language pathologist.

Bachelor of Science in Speech-Language Pathology Degree Requirements

Students should follow and complete the degree requirements as displayed in the speech-language pathology program of study chart. Students should also select one of the following options.

Options for Speech-Language Pathology**Medical Option (14 hours)**

HEAL	3600	Prevention & Control of Disease	3
KINE	2530	Human Physiology.....	3
KINE	2540	Human Physiology Lab.....	1
KINE	2560	Human Anatomy & Physiology I (satisfies University natural science core).....	3
PSY	3400	Cognitive Neuropsychology	3

Multidisciplinary Options (18 hours)

Select courses from two or three of the following areas:

Aging

CMHS	4090	Therapeutic Environment for the Aged.....	3
HEAL	4560	Health Problems of Aging.....	3
SOC	4190	Social Gerontology	3

Counseling

CMHS	2220	Family Theories and Cultural Influences	3
CMHS	4080	Essentials of Helping Relationships.....	3
CMHS	4090	Therapeutic Environment for the Aged.....	3

Foreign Language

French, German, Japanese, Latin,			
Spanish or American Sign Language.....			3-14

Health

HEAL	3300	Drug Awareness	3
HEAL	3600	Prevention & Control of Disease	3
HEAL	3800	Death & Dying.....	3
HEAL	4560	Health Problems of the Aging.....	3

Linguistics

LING	3150	Linguistic Principles	3
LING	3190	Sociolinguistics	3
LING	4140	Language in the African American Community	3
LING	4180	The Representation of Language in the Brain.....	3

Math

MATH	3610	Statistical Methods I.....	3
MATH	3620	Statistical Methods II.....	3

Psychology

PSY	3110	Research Methods in Psychology.....	4
PSY	3400	Cognitive Neuropsychology	3
PSY	3410	Psychology of Language.....	3
PSY	3620	Sensory Processes	3

Sociology

SOC	4180	Medical Sociology	3
SOC	4190	Social Gerontology	3
SOCW	3070	Child Welfare I.....	3

**School Speech-Language Pathology Licensing Option
(13 hours)**

(Students should take the Preprofessional Skills Test [PPST] during the freshman year.)

CIET	2020	Technology & Multimedia in Education.....2 (through summer 2005) or
ETPT	2020	Technology & Multimedia in Educ. Env.2 (beginning fall 2005)
EDP	3280	Foundations of Teaching and Learning.....3
SPED	4120	Teaching Students with Intensive Needs3
SPED	4370	Curriculum & Methods for Mild Needs.....3
SPED	4620	Linguistic Diversity Issues.....1
SPED	4630	Collaboration for the Speech-Language Pathologist1

Science/Research Option (14 hours)

PSY	3110	Research Methods in Psychology4
PSY	4200	Research in Clinical Psychology4
HEAL	4800	Public Health Research & Statistics3
SLP	4910	Directed Research in Speech-Language3

Students should follow and complete the degree requirements as displayed in the social work program of study chart.

Department of Social Work

Terry Cluse-Tolar, chair

Martha Delgado, field director

Degree Program

Bachelor of Social Work

The social work program offers a bachelor of social work degree, which is fully accredited by the Council on Social Work Education as required for entry into the beginning level of professional social work practice. The social work program prepares graduates to work as generalist social workers across system sizes and 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 will be categorized as presocial work until they complete the requirements to apply to the program and have been accepted.

Prior to applying to the social work program, the student must have:

- completed 45 semester hours of course work;
- an overall GPA of 2.25 or higher; and
- completed SOCW 1030, 2010 and 2210 with a major GPA of at least a 2.5 and a grade no less than a C in each.

Admission to the social work program is selective, and no student will be permitted to take social work courses at the 3000 level or higher unless they have applied and been admitted to the program. Application procedures are available from the student’s adviser and also in the Social Work Student Handbook available from the program office.

Degree Requirements for the Bachelor of Social Work

Students should follow and complete the degree requirements as displayed in the social work program of study chart.

Social work students must use BIOL 1120 toward meeting the natural science requirements of the College of Health and Human Services. Students may not take P/NC in major courses or related courses, except SOCW 4220.

Note: Entry into SOCW 4120, 4130, 4200, 4210, 4220 and 4230 requires senior standing, an overall GPA of 2.25, a GPA of 2.5 in the major, a grade of C or better in all major courses and permission of the field director.

Honors in Social Work

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

- 3.3 minimum GPA in social work courses;
- 3.0 minimum cumulative GPA;
- 12 hours completed work in social work; and
- Qualification as a social work major

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

Department of Undergraduate Legal Specialties

Kathleen Mercer Reed, chair

Degree Programs

- Associate of Applied Science in Paralegal Studies
- Bachelor of Science in Paralegal Studies
- Post-Baccalaureate Certificate in Paralegal Studies
- Nurse Paralegal Certificate

A dynamic field of study, UT’s paralegal studies program 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 depositions and trials.

All paralegal courses develop critical thinking and communication skills. There are currently four different program options from which to choose: a two-year associate of applied science degree in paralegal studies, a bachelor of science degree in paralegal studies, a post-baccalaureate certificate in paralegal studies and a nurse paralegal certificate.

Legal courses are taught in the state-of-the-art McQuade Courtroom by judges, magistrates and attorneys. An internship provides students with an exceptional hands on experience.

Associate of Applied Science in Paralegal Studies

The two-year associate's degree in paralegal studies prepares students for an exciting career. For those students planning to continue their education, the associate's degree provides for a seamless 2+2 transition into the bachelor's degree in paralegal studies.

Students should complete the degree requirements as displayed in the program of study and follow the suggested schedule.

Bachelor of Science in Paralegal Studies

The bachelor of science in paralegal studies is an excellent prelaw track for those considering law school. Graduates with a bachelor's degree in paralegal studies who meet certain criteria will receive preferential consideration for admission to The University of Toledo College of Law.

Students should complete the degree requirements as displayed in the program of study and follow the suggested schedule.

Post-Baccalaureate Certificate in Paralegal Studies

To be accepted into this program, students must have at least a four-year bachelor's degree.

Students should complete the certificate requirements as displayed in the program of study and follow the suggested schedule.

Nurse Paralegal Certificate

To be accepted into this program, a student must have at least a two-year associate's degree in nursing, hold a current R.N. license and have at least 2,000 hours of nursing experience.

Students should complete the certificate requirements as displayed in the program of study and follow the suggested schedule.

Prelaw Studies

No particular degree is required for admission to law school. It is recommended, however, that students have good communication, logic and analytical skills, and possess a fundamental understanding of the legal system. The paralegal studies program, as well as many other majors, is good preparation for law school. Graduates with a bachelor's degree in paralegal studies who meet certain criteria will receive preferential consideration for admission to The University of Toledo College of Law. All of the faculty of the department of undergraduate legal specialties are licensed attorneys, judges and magistrates and are available for career advising. Contact the department office for more information.

Bachelor of Social Work – Degree Requirements

Students should follow and complete the degree requirements as displayed.

	Fall Semester	Spring Semester
Freshman Year	HHS 1000 College Orientation 1 ENGL 1110 Composition I 3 SOC 1010 Intro to Sociology 3 MATH 1180 Mathematics for Liberal Arts 3 SOCW 1030 Intro to Social Welfare 3 Humanities/Fine Arts Elective 3 Total 16 hours	ENGL 1130 or higher College Comp II 3 BIOL 1120 Survey of Biology 3 PSY 1010 Principles of Psychology 3 CMPT 1100 Comp. Inform. Applications 3 General Elective 4 Total 16 hours
Sophomore Year	PSC 1200 American National Govt. 3 SOCW 2010 Survey of SW Profession 3 Humanities Elective 3 Natural Science Elective 3 General Elective 4 Total 16 hours	ECON 1200 Prin. Of Microeconomics 3 ANTH 2100 Human Society thru Film or ANTH 2800 Cultural Anthropology 3 SOCW 2210 SW Field Experience I 3 Humanities/Fine Arts Elective 3 General Elective 3 Total 15 hours
Junior Year	SOCW 3110 Social Work Practice I 3 SOCW 3210 Human Behav– Soc Envt I 3 SOCW 3300 Social Policy & Legislation 3 HIST 3250 or 3260 or 3310 or 4430 3 SOC 3290 or PSC 3110 or PSY 2100 or RESM 4100 3 Total 15 hours	SOCW 3120 Social Work Interviewing 4 SOCW 3220 Human Behavior–Soc Envt II 3 SOCW 3230 Human Behavior III 3 WGST Elective 3 SOCW Elective 3 Total 16 hours
Senior Year	SOCW 4010 Social Work Research 3 SOCW 4120 SW Practice II 3 SOCW 4200 Field Lab II 1 SOCW 4220 Field II 5 SOC, PSY, WGST, AFST Elective 3 Total 15 hours	SOCW 4130 SW Practice III 3 SOCW 4210 Field Lab III 1 SOCW 4230 Field III 5 SOC 4660 Racial/Ethnic Minorities/US or SOC 4670 African Americans in US 3 General Elective 3 Total 15 hours

Associate of Applied Science in Paralegal Studies – Degree Requirements

(American Bar Association Approved Program)

Students should follow and complete the degree requirements as displayed.

	Fall Semester	Spring Semester
Freshman Year	LGL 1010 Introduction to Law 3 LGL 1720 Law Practice Mgmt 3 LGL 2120 Real Estate 3 ENGL 1110 College Composition I 3 MATH 1180 Math for Liberal Arts or MATH 1320 College Algebra 3 Total 15 hours	LGL 1150 Tort law 3 LGL 1160 Legal Research, Wrtg & Case 3 LGL 2110 Estate & Probate 3 ENGL 1130 or higher College Comp II 3 Social Science Core Elective 3 Total 15 hours
Sophomore Year	LGL 2020 Civil Procedure 3 LGL Law Elective* 3 ACTG 1040 Prin. of Financial Acctg. or BUAD 2040 Financial Acctg. Info. 3 Humanities/Fine Arts Elective 3 Social Science Elective 3 Total 15 hours	LGL 2940 Paralegal Internship 3 LGL Law Elective* 3 Elective 3 CMPT 1100 Computer Info. Applic. or BUAD 1020 Micro. Applic. in Business 3 Humanities/Fine Arts Elective 3 Total 15 hours

*** Law Electives**

LGL 2210 Practice & Procedures in Administrative Law
LGL 2130 Family Law (Prereq: LGL:1010 **and** LGL:1160; **or** Academic Advisor Approval)
LGL 2700 Advocacy: Mock Trial
LGL 3010 Law of Business Associations (Prereq: LGL:1010 **and** LGL:1720)
LGL 3030 Advanced Legal Research and Writing (Prereq: LGL:1010 **and** LGL:1160)
LGL 3050 Bankruptcy Practices & Consumer Applications (Prereq: LGL:1010 **and** LGL:1160)
LGL 3330 Litigation (Prereq: LGL:1010, 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)

Bachelor of Science – Paralegal Program Degree Requirements

(American Bar Association Approved Program)

Students should follow and complete the degree requirements as displayed.

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

Post Baccalaureate Certificate in Legal Assisting Degree Requirements

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

Students should follow and complete the certificate requirements as displayed.

	Fall Semester	Spring Semester
Year One	LGL 1010 Introduction to Law 3 LGL 1720 Law Practice Management 3 LGL 2020 Civil Procedure 3 LGL 2120 Real Estate Transactions 3 LGL xxxx Law Elective * 3 Total 15 hours	LGL 1150 Tort Law 3 LGL 1160 Legal Research, Wrtg & Case 3 LGL 2110 Estate & Probate Admin. 3 LGL 2940 Legal Assisting Internship ** 3 LGL xxxx Law Elective * 3 Total 15 hours

* Law Electives (choose two from list below)

LGL 2210 Practice & Procedures in Administrative Law
LGL 2130 Family Law (Prereq: LGL:1010 and LGL:1160; or Academic Advisor Approval)
LGL 2700 Advocacy: Mock Trial
LGL 3010 Law of Business Associations (Prereq: LGL:1010 and LGL:1720)
LGL 3030 Advanced Legal Research and Writing (Prereq: LGL:1010 and LGL:1160)
LGL 3050 Bankruptcy Practices & Consumer Applications (Prereq: LGL:1010 and LGL:1160)
LGL 3330 Litigation (Prereq: LGL:1010, 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**

(American Bar Association Approved Program. To be accepted into this program, a student must have at least an associate degree in nursing, hold a current R.N. license, and have at least 2,000 hours of nursing experience.)

Students should follow and complete the certificate requirements as displayed.

	Fall Semester	Spring Semester	Summer Semester
Year One	LGL 1010 Introduction to Law 3 LGL 1720 Law Practice Management 3 LGL 2020 Civil Procedure 3 Total 9 hours	LGL 1150 Tort Law 3 LGL 1160 Legal Research, Wrtg. Case 3 LGL 2210 Administrative Law 3 Total 9 hours	LGL 2940 Legal Assisting Internship 3 Total 3 hours

College of Health and Human Services Faculty

Department of Counseling and Mental Health Services

Jane Cox, 2004, associate professor

B.A., Grove City College; M.B.A., The University of Akron; M.Ed, Ph.D., Kent State University

Paula Dupuy, 1989, professor and chair

B.S., Bowling Green State University; M.Ed., Xavier University; Ed.D., University of Cincinnati

Sharla Fasko, 2002, assistant professor

B.M.E., Henderson State University; M.Ed., Southern Arkansas University; Ph.D., University of Cincinnati

John Laux, 2001, assistant professor

B.A., Ambassador University; M.A., West Virginia University; Ph.D., The University of Akron

Wendy Luellen, 2002, assistant professor

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

Nick J. Piazza, 1986, professor

B.A., Quincy College; M.A., Illinois State University; Ph.D., Southern Illinois University - Carbondale

Martin H. Ritchie, 1987, professor

B.A., M.Ed., Ed.D., University of Virginia

Kathleen Salyers, 2001, assistant professor

B.A., Ohio University; M.S.Ed., University of Dayton; Ph.D., Ohio University

EMERITUS AND SUPERANNUATE FACULTY

Richard J. Eastop, 1972, emeritus

B.S., M.Ed., Bowling Green State University

Robert E. Higgins, 1963, professor emeritus

B.S., Glenville State College; M.A., Gregory Peabody College for Teachers; Ed.D., Indiana University

A. Lorean Roberts, 1972, professor emerita

B.S.E., St. Joseph's College; M.S., Ph.D., Purdue University

Dan Seemann, 1962, professor emeritus

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

Molly Treynor, 1965, professor emerita

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

Robert N. Wendt, 1975, professor emeritus

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

H. Eugene Wysong, 1969, professor emeritus

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

Department of Criminal Justice

David Baker, 2000, assistant professor

B.A., York University; M.A., Ph.D., York University

Marion S. Boss, 1985, professor

B.F.A., Texas Christian University; M.F.A., Southern Methodist University; C.E.D., Smith College; Ph.D., University of North Texas

Michael S. Bryant, 2002, assistant professor

B.A., The Ohio State University; M.T.S., J.D., Emory University; Ph.D., The Ohio State University

Shanhe Jiang, 2004, associate professor

B.A., Wuhan University; M.A., Nankai University; Ph.D., State University of New York at Albany

Morris Jenkins, 2001, assistant professor

B.A., Claflin College; J.D., Stetson University; Ph.D., Northeastern University

Eric Lambert, 2003, associate professor and chair

B.A., Saginaw Valley State University; M.A., Ph.D., State University of New York at Albany

Michael T. Stevenson, 1989, assistant professor

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

Kasey Tucker, 2004, assistant professor

B.S., Lake Superior State University, M.S., Ferris State University

Lois Ventura, 2001, assistant professor

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

EMERITUS AND SUPERANNUATE FACULTY

Charles W. Carter, Sr., Ph.D.

Howard A. Nollenberger, Ph.D.

James A. Telb, Ph.D.

Department of Health Professions

Ruth Ankele, 1988, assistant professor

R.N., B.S.N., University of Texas; M.S.N., Medical College of Ohio

Craig Black, 1979, associate professor

Ph.D., Dartmouth College; RRT-NPS

Josephine Hibbeln, 1989, associate professor

R.N., F.N.P.-C., B.S.N., University of Utah; M.S.N., Medical College of Ohio

Betty Lemon, 2000, lecturer

R.N., M.S.N., Medical College of Ohio

Mira Lessick, 2001, associate professor
R.N., Ph.D., University of Texas at Austin

Judith A. Ruple, 1989, professor
R.N., B.Ed., M.Ed., Ph.D., The University of Toledo

Suzanne M. Spacek, 1986, assistant professor
A.S., B.S., M.Ed., The University of Toledo; RRT-NPS, CPFT

Jerome M. Sullivan, 1971, professor and dean
B.S., Ohio University; M.S., The University of Toledo; RRT

Margaret F. Traband, 1975, professor and associate dean for undergraduate education
A.S., Cuyahoga Community College; B.S., M.Ed., The University of Toledo; RRT

Michael Troxell, 2002, director of clinical education
B.S., Bowling Green State University; M.Ed., Ph.D. The University of Toledo

Suzanne Wambold, 1989, associate professor and chair
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