

BA IN HEALTH SCIENCES

The University of Toledo offers a bachelor of arts degree in health sciences. This degree requires 120 credit hours for graduation. Health sciences provides students with an introduction to a variety of health professions and broad prerequisite knowledge. Through its mix of sciences and interdisciplinary core courses, the degree offers students rigorous and diverse content that will prepare them for success in health and healthcare related careers or professional programs upon graduation.

The Pre-Occupational Therapy concentration prepares students for success in graduate occupational therapy programs. The curriculum provides the most commonly required prerequisite courses as well as the contemporary knowledge, experiences, and perspectives that will prepare students to provide high quality care to future patients and communities.

The Social Determinants of Health concentration focuses on the nonmedical factors that impact health and includes a two-semester capstone experience. Students will be prepared for a variety of health-related careers, including community and population health, nonprofit and for-profit health leadership, and research and policy development.

- Health Sciences - Pre-Occupational Therapy Concentration, BA (p. 1)
- Health Sciences - Social Determinants of Health Concentration, BA (p. 1)

Health Sciences - Pre-Occupational Therapy Concentration, BA Requirements

Code	Title	Hours
Skills Area (10 hours)		10
ENGL 1110	College Composition I	
ENGL 1130	College Composition II: Academic Disciplines And Discourse	
MATH 2600	Introduction To Statistics <small>Requires MATH 1200 minimum C- or ACT/SAT or Placement Test</small>	
HHS 1010	Introduction to Health Sciences I with Orientation	
Humanities/Fine Arts (6 hours from UToledo Core Curriculum)		3
COMM 1010	Comm Principles And Practices or COMM 2840 Interpersonal Communication	3
Social Sciences (6 hours) (satisfies social sciences core curriculum requirement)		6
PSY 1010	Principles Of Psychology	
SOC 1010	Introduction To Sociology	
Natural Sciences (7 hours) (satisfies natural sciences core curriculum requirement)		7
BIOL 1120	Survey Of Biology	
EXSC 2560	Anatomy and Physiology I	
EXSC 2460	Human Anatomy And Physiology I Lab	
Core Electives (9 hours) (Math, Humanities, Social Sciences, and/or Natural Sciences from the UToledo Core Curriculum)		9
ART 1040	Foundations of Art Studio Technology <small>Recommended</small>	
COCA 2000	Mindful Creativity <small>Recommended</small>	

PHYS 1300	Physics In Everyday Life <small>Recommended</small>	
Multicultural Studies (6 hours from UToledo core curriculum)		6
DST 2020	Introduction to Disability Studies	
ANTH 2800	Cultural Anthropology	

Code	Title	Hours
Required Major Courses (32 hours)		
HHS 1020	Introduction to Health Sciences II <small>C or better</small>	2
HHS 3100	Introduction to Social Determinants of Health <small>C or better</small>	3
HHS 3600	Foundations of Evidence-Based Practice in Health Science <small>C or better</small>	3
HHS 4800	Health Sciences Capstone I <small>C or better</small>	3
HHS 4810	Health Sciences Capstone II <small>C or better</small>	3
COUN 3000	Cultural Competence in Health and Human Services Professions <small>C or better</small>	3
LGL 4230	Health Care And The Law <small>C or better</small>	3
HEAL 4800	Public Health Research And Statistics <small>C or better</small>	3
HEAL 3600	Prevention And Control Of Disease <small>C or better</small>	3
HIM 2300	Healthcare Resources, Payers <small>C or better</small>	3
HEAL 4960	Political Determinants of Health <small>C or better</small>	3
Total Hours		32

Code	Title	Hours
Pre-Occupational Therapy Concentration Requirements (25 hours)		
HEAL 1800	Medical Terminology	3
EXSC 2570	Human Anatomy and Physiol II	3
EXSC 2470	Human Anatomy And Physiology II Lab	1
OCCT 2550	PURPOSEFUL LIVING ROLE OF OCCUPATIONAL THERAPY	3
PSY 2200	Abnormal Psychology	3
PSY 2510	Lifespan Developmental Psychology	3
HHS 4100	Foundations of Healthcare Delivery	3
SPED 2040	Perspectives In The Field Of Exceptionalities	3
Choose one:		
HEAL 2400	General Safety	3
	or HEAL 2500 Personal Health	
	or HEAL 2600 Mental Health	
General Electives (19 hours)		
Total Hours		25

Health Sciences - Social Determinants of Health Concentration, BA Requirements

Code	Title	Hours
Skills Area (10 hours)		10
ENGL 1110	College Composition I	
ENGL 1130	College Composition II: Academic Disciplines And Discourse	
MATH 2600	Introduction To Statistics <small>Requires MATH 1200 minimum C- or ACT/SAT or Placement Test</small>	
HHS 1010	Introduction to Health Sciences I with Orientation	

Arts/Humanities Core (6 hours from UToledo Core Curriculum)	6
Social Sciences Core (6 hours) (satisfies social sciences core curriculum requirement)	6
PSY 1010 Principles Of Psychology	
SOC 1010 Introduction To Sociology	
Natural Sciences Core (7 hours) (satisfies natural sciences core curriculum requirement)	7
EXSC 1460 Fundamentals of Anatomy and Physiology Lab ^{C or better}	
EXSC 1560 Fundamentals of Anatomy and Physiology ^{C or better}	
Natural Sciences Course	3
Core Electives (9 hours) (Math, Humanities, Social Sciences, and/or Natural Sciences from the UToledo Core Curriculum)	9
Multicultural Studies (6 hours from UToledo core curriculum)	6

Code	Title	Hours
Required Major Courses (32 hours) ^{C or better}		
HHS 1020	Introduction to Health Sciences II ^{C or better}	2
HHS 3100	Introduction to Social Determinants of Health ^{C or better}	3
HHS 3600	Foundations of Evidence-Based Practice in Health Science ^{C or better}	3
HHS 4800	Health Sciences Capstone I ^{C or better}	3
HHS 4810	Health Sciences Capstone II ^{C or better}	3
COUN 3000	Cultural Competence in Health and Human Services Professions ^{C or better}	3
LGL 4230	Health Care And The Law ^{C or better}	3
HEAL 4800	Public Health Research And Statistics ^{C or better}	3
HEAL 3600	Prevention And Control Of Disease ^{C or better}	3
HIM 2300	Healthcare Resources, Payers ^{C or better}	3
HEAL 4960	Political Determinants of Health ^{C or better}	3
Total Hours		32

Code	Title	Hours
Concentration in Social Determinants of Health: Supporting Electives 18 (18 hours) (tailor this to suit area of professional interest)		
ANTH 3330	Food, Health, Society	
ANTH 4760	Medical Anthropology	
COMM 2500	Social Media I: Introduction to Social Media	
COMM 3500	Social Media II: Social Media Communication Strategies	
COMM 2600	Public Presentations	
COMM 2820	Group Communication	
COMM 2830	Organizational Communication	
COMM 3760	Health Communication	
COMM 4260	Communication in Non-Profit Organizations	
COMM 4830	Gender, Culture & Communication	
COUN 3140	Substance Abuse Prevention And Community Programming	
COUN 4080	Essentials Of Helping Relationships	
COUN 4240	Substance Abuse Treatment Techniques	

CRIM 2250	Juvenile Justice
CRIM 3250	Women and Crime
CRIM 3300	Sex Crimes
CRIM 4000	Narcotics Policy and Enforcement
DST 2020	Introduction to Disability Studies
EEES 1050	Geological Hazards And The Environment
EEES 1170	Microbes And Society
EDP 1500	Thinking, Knowing and Learning: From Self Determination to the Collective Good
EDP 4210	Child Behavior And Development
EDP 4220	Adolescent Behavior And Development
EDP 4230	Adult Development
EFSB 4690	Strategic Management of Innovation
EXSC 2580	Human Pathophysiology For Health Care
GEPL 3610	Conservation And Resources
GEPL 4110	Geographic Information Systems
HCAR 4360	Quality Improvement In Health Care
HHS 4100	Foundations of Healthcare Delivery
HEAL 1800	Medical Terminology
HEAL 2000	Foundations Of Health Education
HEAL 2400	General Safety
HEAL 2500	Personal Health
HEAL 2600	Mental Health
HEAL 2100	Living Well
HEAL 2700	Introduction to Public Health
HEAL 2800	Principles Of Nutrition
HEAL 3500	Environmental Health
HHS 2500	Data Science I
HHS 4500	Data Science II
HEAL 4900	Health Education Seminar
HON 3010	Community Engagement
HIM 4500	Health Informatics & Information Management
HURM 4640	Benefits, Health & Wellness
LST 2010	Law And Social Thought
MGMT 3630	Conflict Management: Mediation & Negotiations
MGMT 3700	Best Practices in Diversity Leadership
MGMT 3770	Ethics In Leadership And Management
MGMT 4210	Leading Strategic Improvement Initiatives
MGMT 4330	Leading Organizational Change and Development
MGMT 4780	Leading and Managing People
OCCT 2550	PURPOSEFUL LIVING ROLE OF OCCUPATIONAL THERAPY
PSC 3410	Principles of Public Policy
PSC 3800	Sexual Politics
PSC 4220	Advocacy Groups in US Politics
PJS 1000	Introduction to Peace and Justice Studies
PJS 2000	Nonviolence and Conflict Transformation Theory and Practice
PSY 2200	Abnormal Psychology
PSY 2510	Lifespan Developmental Psychology

PSY 2700	Social Psychology	
PSY 3300	Organizational Development Theory and Principles	
PSY 3310	OD Practices	
PSY 3730	Stereotyping, Prejudice, & Discrimination	
PSY 3740	Health Psychology	
RCRT 3310	Inclusion and Recreational Therapy Services	
RCRT 4720	Introduction To Therapeutic Recreation	
SOC 2150	The Family and Society	
SOC 2500	Women's Roles: A Global Perspective	
SOC 2640	Race, Class, And Gender	
SOC 2900	African American Culture	
SOC 3640	Social Inequality	
SOC 4100	Community Organizing and Development	
SOC 4160	Health And Gender	
SOC 4180	Medical Sociology	
SOC 4190	Social Gerontology	
SOC 4340	Population And Society	
SOCW 3080	Women In Poverty	
SOCW 3520	Human Animal Interaction, Health and Wellness	
TSOC 2000	Diversity In Contemporary Society	
WGST 2880	Contemporary U.S. Queer Cultures	
WGST 3200	Issues In Lesbian, Transgender, Bisexual And Gay Communities	
General Electives (26 hours)		26

- Health Sciences - Pre-Occupational Therapy Concentration, BA (p. 1)
- Health Sciences - Social Determinants of Health Concentration, BA (p. 1) (p.)

Health Sciences - Pre-Occupational Therapy Concentration, BA Plan of Study

First Term	Hours	
ENGL 1110	College Composition I	3
MATH 2600	Introduction To Statistics	3
HEAL 1800	Medical Terminology	3
PSY 1010	Principles Of Psychology	3
HHS 1010	Introduction to Health Sciences I with Orientation	1
Arts/Humanities Core		3
Hours		16
Second Term	Hours	
ENGL 1130	College Composition II: Academic Disciplines And Discourse	3
BIOL 1120	Survey Of Biology	3
SOC 1010	Introduction To Sociology	3
HHS 1020	Introduction to Health Sciences II	2
Elective		3
Hours		14
Third Term	Hours	
EXSC 2560	Anatomy and Physiology I	3

EXSC 2460	Human Anatomy And Physiology I Lab	1
Arts/Humanities Core (ART 1040 recommended)		3
HHS 3100	Introduction to Social Determinants of Health	3
OCCT 2550	PURPOSEFUL LIVING ROLE OF OCCUPATIONAL THERAPY	3
Elective		3
Hours		16

Fourth Term	Hours	
EXSC 2570	Human Anatomy and Physiol II	3
EXSC 2470	Human Anatomy And Physiology II Lab	1
Arts/Humanities Core (COCA 2000 recommended)		3
DST 2020	Introduction to Disability Studies	3
COUN 3000	Cultural Competence in Health and Human Services Professions	3
Select one of the following:		3
HEAL 2400	General Safety	
HEAL 2500	Personal Health	
HEAL 2600	Mental Health	
Hours		16

Fifth Term	Hours	
HHS 3600	Foundations of Evidence-Based Practice in Health Science	3
Natural Science Core (PHYS 1300 recommended)		3
ANTH 2800	Cultural Anthropology	3
HEAL 3600	Prevention And Control Of Disease	3
PSY 2200	Abnormal Psychology	3
Hours		15

Sixth Term	Hours	
HIM 2300	Healthcare Resources, Payers	3
HEAL 4800	Public Health Research And Statistics	3
HHS 4100	Foundations of Healthcare Delivery	3
PSY 2510	Lifespan Developmental Psychology	3
Elective		3
Hours		15

Seventh Term	Hours	
HHS 4800	Health Sciences Capstone I	3
LGL 4230	Health Care And The Law	3
COMM 1010	Comm Principles And Practices or COMM 2840 or Interpersonal Communication	3
SPED 2040	Perspectives In The Field Of Exceptionalities	3
Elective		3
Hours		15

Eighth Term	Hours	
HHS 4810	Health Sciences Capstone II	3
HEAL 4960	Political Determinants of Health	3
Elective		3

Elective	4
Hours	13
Total Hours	120

Health Sciences - Social Determinants of Health Concentration, BA Plan of Study

First Term		Hours
HHS 1010	Introduction to Health Sciences I with Orientation	1
ENGL 1110	College Composition I	3
EXSC 1460	Fundamentals of Anatomy and Physiology Lab	1
EXSC 1560	Fundamentals of Anatomy and Physiology	3
Arts/Humanities Core		3
Diversity of US OR Non-Diversity of US		3
Elective		2
Hours		16

Second Term		Hours
HHS 1020	Introduction to Health Sciences II	2
ENGL 1130	College Composition II: Academic Disciplines And Discourse	3
SOC 1010	Introduction To Sociology	3
Supporting Elective		3
Elective		3
Hours		14

Third Term		Hours
HHS 3100	Introduction to Social Determinants of Health	3
MATH 2600	Introduction To Statistics	3
Natural Sciences Core		3
Elective		3
Elective		3
Hours		15

Fourth Term		Hours
COUN 3000	Cultural Competence in Health and Human Services Professions	3
HIM 2300	Healthcare Resources, Payers	3
Coure Elective		3
Core Elective		3
Arts/Humanities Core		3
Hours		15

Fifth Term		Hours
HEAL 3600	Prevention And Control Of Disease	3
PSY 1010	Principles Of Psychology	3
Diversity of US OR Non-Diversity of US		3
Supportive Elective		3
Elective		3
Hours		15

Sixth Term		Hours
HEAL 4800	Public Health Research And Statistics	3

Core Elective	3
Supporting Elective	3
Elective	3
Elective	3
Hours	15

Seventh Term		Hours
HHS 4800	Health Sciences Capstone I	3
HHS 3600	Foundations of Evidence-Based Practice in Health Science	3
Supporting Elective		3
Supporting Elective		3
Elective		3
Hours		15

Eighth Term		Hours
HHS 4810	Health Sciences Capstone II	3
LGL 4230	Health Care And The Law	3
HEAL 4960	Political Determinants of Health	3
Supporting Elective		3
Elective		3
Hours		15

Total Hours	120
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- Health Sciences - Pre-Occupational Therapy Concentration, BA (p. 1)
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Health Sciences - Pre-Occupational Therapy Concentration, BA Learning Outcomes

- Develop the appropriate written and oral skills necessary for graduate study or a professional career, including the ability to present oneself in a professional manner
- Demonstrate knowledge of human cultures and the physical and natural world as it relates to individual and population health
- Describe the role of cultural humility and cultural responsiveness in health professions
- Demonstrate the ability to work collaboratively with others
- Identify specific behaviors that promote or compromise health
- Explain how to locate, appraise and utilize evidence to positively impact health
- Demonstrate knowledge of research and statistical techniques commonly employed in the health fields
- Describe the influence of socio-identities (e.g., race, ethnicity, religion, gender, socioeconomic status, sexual orientation, ability) on individuals' functioning, concerns, and the helping process in the context of health and human service professions
- Demonstrate knowledge of the social welfare institution, its history, relation to social values, social welfare laws and programs, and the systems characteristic of service delivery
- Identify health care laws and legal issues, including treatment relationships, medical malpractice, the right to die, reproductive rights, bioethics, health care financing, public health, delivery systems and regulations

- Articulate the etiology, pathogenesis, and prevention and control of acute and chronic diseases
- Describe the roles of professionals in meeting standards of regulatory agencies and voluntary organizations in health systems
- Describe multiple aspects of the social environment and identify how social determinants of health contribute to healthcare disparities
- Develop foundational knowledge for health professionals
- Identify careers in occupational therapy, how to pursue them, how to meet regulatory, and demonstrate foundational knowledge for study in pre-occupational therapy concentration.

Health Sciences - Social Determinants of Health Concentration, BA Learning Outcomes

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- Describe the role of cultural humility and cultural responsiveness in health professions
- Demonstrate the ability to work collaboratively with others
- Identify specific behaviors that promote or compromise health
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- Develop foundational knowledge for health professionals