

PROGRAMS in the DEPARTMENT of OCCUPATIONAL SCIENCE AND OCCUPATIONAL THERAPY

BACHELOR OF SCIENCE in OCCUPATIONAL SCIENCE

Occupational science is the study of human occupation — how we occupy our time through activity, organize ourselves by activity patterns and habits, and create meaning through occupation. Occupation is essential to a healthy and satisfying life. Occupational science is an evolving social science that studies occupation, how and why people engage in occupations, the context in which occupations occur, and the occupational performance that results.

The Occupational Science Program is an undergraduate program. Students who complete the Occupational Science Program may choose to apply to the graduate program in occupational therapy, apply to other graduate programs, or seek employment in non-credentialed health care, education or community positions. **Potential careers with an undergraduate degree in occupational science include:** supported employment specialist, advocate, support coordinator, or residential director for persons with developmental disabilities, mental health associate or program coordinator in day programs or shelters, senior citizen program coordinator, activity director, independent living skills coordinator, or medical sales representative. For information about occupational science, visit the Society for the Study of Occupation at www.sso-usa.org.

Admission and Progression Requirements

All students who are accepted by ECU's Admission office and declare their major as Occupational Science are admitted to the University as pre-Occupational Science majors; however, admission to the University does not guarantee admission to the Occupational Science program. Admission is competitive and based on a review of the applicants' academic history by the Department's Admission, Progression and Retention Committee. Students seeking consideration for admission to the Occupational Science program must meet the following requirements by May in the semester preceding the Fall semester start of the junior year:

1. Completion of 60 hours of coursework, including prerequisite courses
2. Overall GPA of 3.0 or above
3. A minimum of 4 "B"s and 1 "C" in the following prerequisite courses or their equivalents (BIO171, BIO301, STA215 or STA 270, PSY200, HSA 200)
4. No more than 1 repeat per course in the following prerequisites or their equivalents (BIO171, BIO301, STA215 or STA 270, PSY 200, HSA 200)
5. Health Science Reasoning Test (HSRT) will be in effect for the Fall 2018 applicants.

Application to the Occupational Science Program does not guarantee acceptance in to the Occupational Science program. Students seeking admission to the Occupational Science program and progression to the Junior year must follow this process:

1. By March 15th prior to progressing to the Junior year of the Occupational Science program, all students must submit an Application for Admission to the Department Chair.
2. Transfer students must be fully admitted to the University by March 15th to be considered for admission to the Occupational Science Program. Students are responsible for submitting their official transcripts to the Office of the Registrar.
3. Based on a competitive admissions review, students will be informed of admission to the Occupational Science program after Spring semester grades are posted. This is typically around the end of May.
4. **Students admitted to the Occupational Science program will then be allowed to register for the Junior year classes.**

To progress to the Senior year, all Junior academic year required major and support courses must be completed with a grade of "C" or better. To graduate, all Senior academic year required major and support

courses must be completed with a grade of “C” or better as well as completion of general education and university requirements for graduation. If a grade of D or F is received, the student will need to wait until the course is offered again to repeat it. If a C or better is achieved in the repeated course, then the student can continue in the progression of courses. If a C or better is not achieved in the repeated course, then the student will be dismissed from the program. For additional information about the Occupational Science Program and Admissions Criteria please refer to the department website at <http://www.ot.eku.edu>.

Students may choose, but are not required, to pursue a **minor**. There are many minors available including but not limited to Horses, Human and Health, Psychology, Gerontology, Health Care Administration, Physical Education, Child and Family Studies, Environmental Health Science, Dance, Women’s Studies, American Sign Language Studies, and Spanish.

In the senior year students may choose to **apply to the graduate program in Occupational Therapy**. This is a competitive application process, and not all occupational science students will be accepted into the Occupational Therapy program. Enrollment in the Master of Science Program in Occupational Therapy is limited. Completion of the undergraduate program in Occupational Science does not guarantee admission into the graduate program in Occupational Therapy. For admissions requirements for the Graduate School and the MSOT program please refer to the current Graduate Catalog.

**Department of Occupational Science and Occupational Therapy
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please contact Donna.McDaniel2@eku.edu to answer questions.

Amy.Marshall@eku.edu for information about BS in Occupational Science

UNIVERSITY GRADUATION REQUIREMENTS

- General Education 36 hours
- Student Success Seminar (*HSO 100; waived for transfers with 30+ hrs.*)..... 1 hour
- Writing Intensive Course (*Hrs. incorporated into Major/Supporting/Gen Ed/Free Electives category*) Occupational Science majors select the following: OTS 478W or PSY 200W.
- Upper division courses (*42 hrs. distributed throughout Major/Supporting/Gen Ed/Free Electives categories*)
ACCT (*Credit hours may be incorporated into Major or Supporting requirements*) Occupational Science majors select the following: OTS402S

Total Hours University Graduation Requirements37 hours

MAJOR REQUIREMENTS

Core Courses.....45 hours

OTS 301(4), 302, 311, 312, 313, 335, 362, 401, 402S, 421, 422(4), 430, 432(4), 478W.

Supporting Course Requirements..... 18 hours

BIO 171, 301, 271, 371, HSA 200, PSY 200 or PSY 200W (^GElement 5B), PSY 308, STA 215 (^GElement 2)

^G=Course also satisfies a General Education element. Hours are included within the 36 hr. General Education requirement above.

Free Electives..... 21 hour

TOTAL HOURS TO COMPLETE DEGREE121 hours

**SAMPLE CURRICULUM PLAN FOR BACHELOR OF SCIENCE IN
OCCUPATIONAL SCIENCE**

	FALL	HRS	ELEMENT	SPRING	HRS	ELEMENT
YEAR 1	HSO 100	1	Student Success Seminar	ENG 102	3	1B
	ENG 101	3	1A	Mathematics (STA 215/270)	3	2
	Oral Communication	3	1C	Arts and Humanities: (PHI 130)	3	3B
	Natural Sciences 1	3	4	Natural Sciences 2	3	4
	Social and Behavioral Sciences: (PSY 200)	3	5B	Electives (see below)*	3	
	Electives (see below)*	3				
TOTAL		16			15	
YEAR 2	BIO 171	3		BIO 301	3	
	Arts and Humanities	3	3A	HSA 200	3	
	Social and Behavioral Sciences: Historical Perspective	3	5A	Diversity of Perspective and Experiences 2	3	6
	Elective	3	Elective	Elective	3	
	Diversity of Perspective and Experiences 1	3	6	Elective	3	
TOTAL		15			15	

To continue on to Year 3 (Junior year) in the Occupational Science Program, students need to apply for admission to the Occupational Science Program by March 15th.

See <http://www.ot.eku.edu/bs-occupational-science-program-0> for specific admission criteria

YEAR 3	OTS 301	4		OTS 302	3	
	OTS 311	3		OTS 313	3	
	OTS 432	4		OTS 335	3	
	PSY 308	3		OTS 421	3	
				BIO 371	3	
TOTAL		14			15	
YEAR 4	OTS 312	3		OTS 362	3	
	OTS 401	3		OTS 402S	3	ACCT
	OTS 422	4		OTS 430	3	
	BIO 271	3		OTS 478W	3	Writing Intensive
	Electives (see below)*	3		Electives (see below)*	3	
TOTAL		16			15	

*Electives: (for the name and course descriptions, see the next three pages)

OTS 101, OTS 205, OTS 365S, OTS 380, OTS 475, OTS 479S, OTS 515, OTS 520

OTS 101 Occupation Perspectives: Human Services

(3) A. An occupational science perspective of health and human service professions. Through lecture, active learning and community experiences, students will explore themes of occupation, professional identity, reasoning, communication and diversity in professional responsibilities.

OTS 205 Horse and Human Co-Occupation

(3) A. Provides information regarding the equine industry in connection with human health and wellness. Areas of focus include career directions, understanding horse/human co-occupation and equine movement in concert with human interaction.

OTS 301 Practicum I: Concepts

(4) A. **Prerequisites BIO 171 & 301; PSY 200; Co-requisites: OTS 311 & OTS 432.** Concepts of occupational science and occupational therapy. Integrate knowledge of self as creative and active occupational being through reflection and portfolio development.

OTS 302 Practicum II: Life Narratives

(3) A. **Prerequisites: OTS 301, 311 and 432 with a grade of (C) or better. Corequisites: OTS 313, 335 and 421.** Introduction to life narratives as an assessment of occupation. Active learning experiences focusing on occupation across the lifespan including reflection and portfolio development.

OTS 311 Self as Occupational Being

(3) A. **Corequisites: OTS 301 & OTS 432.** Analysis of occupation and occupational patterns of self. Recognize the influence of occupation on the well-being of self through active learning experiences.

OTS 312 Occupation by Design

(3) A. **Corequisites: OTS 401, 422 and BIO 271.** Foundational problem solving, task, and activity analysis concepts related to designing occupations. Students apply strategies to implement a design process.

OTS 313 Occupation in Context

(3) A. **Corequisite OTS 302.** The student will gain an understanding of occupation as influenced by interrelated multiple contexts. Through active learning experiences the student will be able to recognize and apply the constructs of context.

OTS 335 Professional Dynamics

(3) A. **Corequisite: OTS 302.** Analysis and application of communication skills necessary for becoming an effective team member. Emphasis on theories of group dynamics, leadership and professional interaction skills, decision making and conflict resolution through active learning.

OTS 362 Human Motion for Occupation

(3) A. **Prerequisites: BIO 271. Corequisites: OTS 402/402S, 430, and 478/478W.** Application to occupational performance of the physics of movement, biomechanical analysis and motor learning. Includes evaluation procedures for muscle strength and range of motion.

OTS 365S Engagement and Advocacy for Elders

(3) A, I, II. Supervised service learning opportunities to create and implement occupation-based programming at a community-based respite care program and to advocate for elders with Alzheimer's Disease. Credit will not be awarded for both OTS 365S and special topics course OTS: The Place to Be.

OTS 380 Gender and Work in the U.S.

(3) A. Prerequisite: ENG 102 or 105(B) or HON 102. A survey view of occupational science and sociological constructs related to women's work. Includes content on family-work linkages, gendered organizations, and public policies in the workplace. Credit will not be awarded for both OTS 480, WGS 480 and WGS 380

OTS 401 Practicum III: Diversity

(3) A. Pre-requisites: OTS 302 with grade of C or better. Co-requisites: OTS 312, 422 and BIO 271. Introduction to cultural competence and diversity. Enhance understanding of ability and disability concerns in society through interview, reflection and portfolio development.

OTS 402 Practicum IV: Advocacy and Research

(3) A. Pre-requisite: OTS 401. Co-requisites: OTS 362, 430, and 478 or 478W. Participatory experiences in the application of advocacy, ethics, and research to advance health and wellness. Course includes self-reflection and portfolio completion. Credit will not be awarded to students who have credit for both OTS 402 and 402S.

OTS 402S Practicum IV: Advocacy and Research

(3) A. Pre-requisite: OTS 401. Co-requisites: OTS 362, 430, and 478 or 478W. Participatory experiences in the application of advocacy, ethics, and research to advance health and wellness. Course includes self-reflection and portfolio completion. Credit will not be awarded to students who have credit for both OTS 402 and 402S.

OTS 410 Independent Study in Occupational Science

(1-3) A. Student must have the independent study proposal approved by faculty supervisor and department chair prior to enrollment. Directed study on an area of interest in Occupational Science. May be retaken to a maximum of six hours.

OTS 421 Occupation Across the Lifespan

(3) A. Co-requisite: OTS 302. Observation and analysis of participation in occupation across the lifespan. Content explores life-stage characteristics and contextual aspects as articulated in varied models and theories.

OTS 422 Impact of Conditions on Occupation

(4) A. Prerequisite: BIO 371. Corequisites: OTS 312, 401 and BIO 271. Introduction to human occupation in the context of disease and disability. Content includes pathophysiological, behavioral and developmental issues which have an impact on human occupation.

OTS 430 Intervention in Health and Human Services

(3) A. Co-requisites: OTS 362, 402 or 402S, and 478 or 478W. Overview of primary concepts related to occupational assessment, intervention and documentation as a provider in health care systems. Compare intervention procedures in various health and human service delivery models.

OTS 432 Research in Occupation

(4) I, II. Prerequisite: STA 215. Co-requisites OTS 301 & OTS 311. Students will learn to be consumers and participants in qualitative and quantitative research, examine methods of research design, data collection, and prepare a research prospectus related to occupational science. Apply statistical methods to the study of occupation.

OTS 475 Special Topics: _____

(1-3). Prerequisite: Department approval. May be retaken under different subtopics for a total of 6 credits. Advanced study of selected topics in occupational science.

OTS 478 Health Care Delivery System

(3) A. **Corequisites: OTS 362, OTS 402 or 402S, and 430.** An introduction to the history of health care systems, models of health care, and contemporary health policy issues and trends. Includes content on financing health care, health care professional roles and ethics. Credit will not be awarded for both OTS 478 and OTS 478W.

OTS 478W Health Care Delivery System

(3) A. **Corequisites: OTS 362, OTS 402 or 402S, and 430.** An introduction to the history of health care systems, models of health care, and contemporary health policy issues and trends. Includes content on financing health care, health care professional roles and ethics. Credit will not be awarded for both OTS 478 and OTS 478W.

OTS 479S Equine Assisted Activity

(3) A. Explores equine assisted activity, therapeutic horseback riding, equine facilitated mental health, and Hippotherapy. Content includes supervised service learning experiences with individuals of varying ages and conditions in a horse related environment. Credit will not be awarded for both OTS 479 and 479S.

OTS 499 Constructs of Occupation

(6) A. **Prerequisite: undergraduate degree, BIO 171, 301, PSY 200 and STA 215.** Synthesis of occupational constructs as they apply to self and others. Emphasis on occupation across the lifespan, design and analysis. Portfolio development emphasizes occupation theme.

OTS 515 Early Childhood Sensorimotor Development.

(3) A. Provides an overview of typical sensorimotor development in infants and young children. Includes contrasting typical/atypical development and application of appropriate developmental tasks. Small group experiences will provide the student opportunity to discuss and practice concepts presented throughout the semester.

OTS 520 Providing Health Services in Appalachia

(3) A. Cross listed as APP 520. Prerequisite: Departmental approval. An analysis of development and delivery of health care services in Appalachia. Examination of relevant current and historical factors which have an impact on the health of Appalachian people. Credit will not be awarded to students who have credit for APP 520.