



# BIO-OCCUPATIONAL THERAPY

DEPARTMENT OF BIOLOGICAL SCIENCES  
AT EASTERN ILLINOIS UNIVERSITY

NAME	
E NUMBER	
CATALOG	

F17

## GENERAL EDUCATION: 30-38 HRS

### LANGUAGE: 9 HRS

Course	Hours	Grade	Semester
ENG 1001G Composition & Language	3		
ENG 1002G Composition & Literature	3		
CMN 1310G Intro to Speech	3		

Grade of "C" or better is required

### SCIENCE AWARENESS: 7HRS

Completed in major.

### MATHEMATICS: 3-5 HRS

Completed in major.

### HUMANITIES/FINE ARTS: 9 HRS

Course	Hours	Grade	Semester
Humanities	3		
Fine Arts	3		
Humanities / Fine Arts	3		

## SOCIAL/BEHAVIORAL SCIENCES\*: 9 HRS

Course	Hours	Grade	Semester
PSY 1879G Intro to Psychology	3		
	3		
	3		

\* One course must meet Cultural Diversity requirement.

### SENIOR SEMINAR: 3 HRS

EIU _____	3		
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Seminar topic must be outside the major area. See Undergraduate Catalog for Senior Seminars that exclude Biological Sciences majors.

### FOREIGN LANGUAGE: 0-8 HRS

EXEMPT? ☐ YES ☐ NO

Exempt if 2yrs in high school of a single foreign language with average grade of "C" or better.


## SCIENCE CORE: 51-53 HRS

Biology Courses	Hours	Grade	Semester
BIO 1150 Biology Forum	1		
BIO 1500 General Biology I	4		
BIO 1550G* General Biology II	4		
BIO 3120* Molecular & Cell Biology	4		
BIO 3200* Genetics	4		
2220* Anatomy & Physiology II	4		
BIO 3180* Ecology and Evolution	4		
Physics Courses	Hours	Grade	Semester
PHY 1151G* Principles Physics I	3		
PHY 1152G* Principles Physics I Lab	1		
PHY 1161G* Principles Physics II	3		
PHY 1162G* Principles Physics II Lab	1		

Math Courses	Hours	Grade	Semester
MAT 2110G Brief Calculus	3		
MAT 2250G* Elementary Statistics	3-4		
Chemistry Courses	Hours	Grade	Semester
CHM 1310G General Chemistry I	3		
CHM 1315G General Chemistry I Lab	1		
CHM 1410* General Chemistry II	3		
CHM 1415* General Chemistry II Lab	1		
CHM 2440* Organic Chemistry I	3		
CHM 2445* Organic Chemistry I Lab	1		

\*Additional prerequisite classes may be required. See Undergraduate Catalog

\*BIO 2210 (Anatomy and Physiology I) prerequisite. BIO 2210 counts as BIO elective credit.

## MAJOR ELECTIVES: 21 HRS

21 hours of course work in Biological Sciences (with the exception of BIO 3400, workshops, and courses designed for General Education) or Mathematics or Physical Sciences courses above 2000 (with the exception of general education and CHM 2310). A minimum of 15 hrs must be taken in Biological Sciences.

Course	Hours	Grade	Semester
BIO 2210 Anatomy and Physiology I	4		

A list of electives is on the back of this sheet.

## OTHER:

Course	Hours	Grade	Semester
PSY 3515 Child Psychology	3		
PSY 3525 Psy of Maturity & Old Age	3		
PSY 3780 Abnormal Psychology	3		
FCS 1800 Life Span Human Dev	3		

<sup>1</sup>In some cases FCS 1800 can be replaced by PSY 3515 and PSY 3525

<sup>2</sup>Anthropology or Sociology (required by some schools)

**BE PREPARED: UPDATE THIS FORM BEFORE MEETING WITH YOUR ADVISOR**

## MAJOR ELECTIVES:

BIO 2210 (4) Anatomy and Physiology I  
BIO 2320 (3) Economic Botany  
BIO 3210 (4) Immunology  
BIO 3300 (4) General Microbiology  
BIO 3312 (3) Horticulture  
BIO 3322 (3) Dendrology  
BIO 3450 (1-3) Independent Study  
BIO 3451 (1-3) Undergraduate Research  
BIO 3610 (3) Survey of Algae & Fungi  
BIO 3612 (3) Plant Evolution & Diversity  
BIO 3614 (3) Plant Anatomy  
BIO 3620 (4) Funct. Comp. Anatomy  
BIO 3622 (4) Embryology  
BIO 3624 (3) Histology  
BIO 3690 (4) Clinical Rotation  
BIO 3700 (4) Parasitology  
BIO 3710 (3) Plant-Animal Interactions  
BIO 3720 (4) Entomology  
BIO 3740 (3) Clinical Mycology  
BIO 3810 (3) Freshwater Ecology

BIO 3850 (3) Environmental Biology  
BIO 3888G (3) Tropical/Marine Ecology  
BIO 3950 (3) Vertebrate Natural History  
BIO 3952 (3) Invertebrate Natural History  
BIO 3960 (1-4) Special Topics  
BIO 4400 (1) Teaching in the Lab  
BIO 4751 (3) Adv. Molec. & Cell Biol.  
BIO 4800 (2) Research Techniques  
BIO 4810 (3) Plant Ecology  
BIO 4812 (3) Fisheries Ecology & Mgmt  
BIO 4814 (3) Conservation Biology  
BIO 4816 (3) Biotic Communities  
BIO 4818 (4) Environmental Microbiology  
BIO 4820 (4) Spatial Analysis for Environmental Sciences  
BIO 4830 (3) Comp. Vertebrate Physiology  
BIO 4832 (4) Animal Behavior  
BIO 4833 (4) Neurobiology of Diseases  
BIO 4834 (3) Neurobiology  
BIO 4835 (3) Advanced Neurobiology  
BIO 4836 (4) Pathogenic Neurobiology  
BIO 4892 (4) Intro. Paleobotany

BIO 4920 (3) Medicinal Plants  
BIO 4940 (3) Phycology  
BIO 4942 (3) Mycology  
BIO 4944 (3) Lichens  
BIO 4946 (3) Bryology  
BIO 4948 (3) Plant Taxonomy  
BIO 4950 (3) Ichthyology  
BIO 4952 (3) Herpetology  
BIO 4954 (3) Ornithology  
BIO 4956 (3) Mammalogy  
BIO 4960 (3) Wetland & Aqua. Vasc. Plants  
BIO 4984\* (3) Organic Evolution

Courses numbered 5000-5499 inclusive, may be taken by a senior whose graduation requirements average 2.75 or higher, with the permission of the instructor and the Dean of the Graduate School.

Occupational therapists help people prepare to re-enter the workplace or merely regain control over their lives. They help patients develop behaviors and modify the workplace or living environment to accommodate disabilities and prevent further injury. As such, they are part psychologist, part sociologist, and part allied health specialist.

Occupational Therapy programs are phasing in master's level degrees rather than the traditional baccalaureate degree. Students enrolled at Eastern who decide to pursue a career in Occupational Therapy should complete a baccalaureate degree in an appropriate major, such as Psychology or Biology, and apply to a graduate program. A 3.50 gpa and a solid performance on the Graduate Record Exam (GRE), taken the summer before senior year, are required. Most programs also require 45+ experience hours with a licensed occupational therapist and three letters of recommendation (1 academic, 1 professional, and 1 of your choice).

**Each OT program has different requirements, it is very important to identify which programs you plan to apply and plot out their requirements accordingly.**

## ADDITIONAL REQUIREMENTS:

- CPR
- Departmental Exit Interview (final semester on campus)
- Medical Terminology
- Course work or experience with ceramics, crafts, weaving, woodworking, etc. for fine motor function.

## FOR ADDITIONAL INFORMATION:

American Occupational Therapy Association [www.aota.org](http://www.aota.org)

Governors State University [www.govst.edu](http://www.govst.edu)

Midwestern University [www.vmcas.org](http://www.vmcas.org)

University of Illinois at Chicago [www.ahs.uic.edu/pt/](http://www.ahs.uic.edu/pt/)

Rush University [www.rushu.rush.edu](http://www.rushu.rush.edu)

Chicago State University [www.csu.edu](http://www.csu.edu)