

# **BIO-OCCUPATIONAL THERAPY** DEPARTMENT OF BIOLOGICAL SCIENCES AT EASTERN ILLINOIS UNIVERSITY

NAME
E NUMBER
CATALOG

## **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		

## 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		
BIO 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		

## **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.

Hours	Grade	Semester
4		
	Hours 4	Hours Grade 4

### **SOCIAL/BEHAVIORAL SCIENCES\*: 9 HRS**

Course	Hours	Grade	Semester
PSY 1879G Intro to Psychology	3		
<sup>1</sup> ANT 2200G Intro to Anthropology <u>OR</u> SOC1838G Intro to Sociology	3		
	3		

### **SENIOR SEMINAR: 3 HRS**



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	of a single f	oreign lang	uage with ave	erage grade of	"C" or better.
â			<b>a</b> <i>i</i>	1	

Course	Hours	Grade	Semester

3

\* One course must meet Cultural Diversity requirement. 1Anthropology or Sociology (required by some schools)

Math Courses	Hours	Grade	Semester
MAT 2110G Brief Calculus	3		
MAT 2250G* Elementary Statistics	4		
Chemistry Courses	Hours	Grade	Semester
CHM 1310G General Chemistry I	3		
CHM 1315G General Chemistry   Lab	1		
CHM 1410* General Chemistry II	3		
CHM 1415* General Chemistry II Lab	1		
CHM 2430/2440 Organic Chemistry	3		
CHM 2435/2445 Organic Chemistry 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.

## **OTHER:**

Course	Hours	Grade	Semester
PSY 3515* Child Psychology	3		
PSY 3525* Psy of Maturity & Old Age	3		
PSY 3780* Abnormal Psychology	3		

## **ADDITIONAL REQUIREMENTS:**

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

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

# **GENERAL REQUIREMENTS:**

	HRS	C	E	G	М	R	Ι
CHEMISTRY							
CHM 1310G General Chemistry I	3			1	*		
CHM 1315G General Chemistry I Lab	1			1	*		
CHM 1410G General Chemistry II	3						
CHM 1415G General Chemistry II Lab	1						
PHYSICS							
PHY 1151G Physics I	3			1	*		
PHY 1152G Physics I Lab	1			1	*		
PHY 1161G Physics II	3						
PHY 1162G Physics II Lab	1						
MATH							
MAT 2110G Brief Calculus	3						
OR MAT 1441G Calculus I	5						
AT 2250G Statistics	4	1	1	1	1	1	1
OR PSY 2610 Statistics	4	1	1	1	1	~	1
BIOLOGY							
BIO 1500 General Biology	4	1	1	1	1	1	1
BIO 2210 Anatomy & Physiology I*	4	1	1	1	1	1	1
BIO 2220 Anatomy & Physiology II	4	1	1	1	1	1	1
BEHAVIORAL/SOCIAL SCIENCES							
PSY 1879G Intro to Psychology	3	1	1	1	1	1	1
ANT 2200G Intro Anthropology	3					a	
SOC 1838G Intro to Psychology	3					b	
PSY 3515** Child Psychology	3	a	а	а	а	?	1
PSY 3521 Psych of Adolescence & Young Adulthood**	3		b	b		?	
PSY 3525 Psych of Maturity and Old Age**	3	b	C	C	b	?	
HSL 1800 Human Development	3		d	d		?	
PSY 3780 Abnormal Psychology	3	1	1	1	1	~	1
ADDITIONAL REQUIREMENTS							
MEDICAL TERMINOLOGY		1		1			*
INTRO TO OT		1		1			
CPR - BLS for Health Care Professional					1		1
FIRST AID					1		
MINIMUM GPA		3.0	3.2	3.0	3.0	3.0	3.0
GRE			1	1		~	1
OBSERVATION HOUR REQUIREMENT (40-50 HRS AT 2 LOCATIONS)		1		1		1	~

a/b/c/d: Choose one option

\* BIO 1500 is prerequisite

\*\* PSY 1879G is prerequisite

\* Recommended

NOTE: Programs may not require BIO 1500 or PSY 1879G but require courses with those as a prerequisite.

REGIONAL PT SCHOOLS:	
<b>C</b> - CHICAGO STATE	M - MIDWESTERN UNIVERSITY
E - ELMHURST	<b>R</b> - RUSH
G - GOVERNOR'S STATE UNIVERSITY	I - UNIVERSITY OF ILLINOIS AT CHICAGO

In its simplest terms, occupational therapists help people of all ages participate in the things they want and need to do through the therapeutic use of everyday activities (occupations). Unlike other professions, occupational therapy helps people function in all of their environments (e.g., home, work, school, community) and addresses the physical, psychological, and cognitive aspects of their well-being through engagement in occupation.

An Occupational Therapist may have a Master's or Doctoral Degree; the entry-level degree requirement for the occupational therapist will move to the doctoral level by July 2027. 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, Biology, Kinesiology, Neuroscience, Sociology, or Public Health, 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.

## **MAJOR ELECTIVES:**

BIO 2210 (4) Anatomy and Physiology I 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 3620 (4) Funct. Comp. Anatomy BIO 3622 (4) Embryology BIO 3624 (3) Histology BIO 3628 (4) Evolutionary Medicine 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 (4) Plant Ecology BIO 4812 (3) Fisheries Ecology & Mgmt

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 Microbiology BIO 4892 (4) Intro. Paleobotany BIO 4914 (3) Plant Anatomy 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

BIO 4814 (3) Conservation Biology

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.

## FOR ADDITIONAL INFORMATION:

American Occupational Therapy Association www.aota.org Governors State University www.govst.edu Midwestern University www.midwestern.edu University of Illinois at Chicago www.ahs.uic.edu/occupational-therapy Rush University www.rushu.rush.edu Chicago State University www.csu.edu Elmhurst College www.elmhurst.edu

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