

focus on

2018-19 Academic Year

PRE-OCCUPATIONAL THERAPY
(BIOLOGY) TRACK

Occupational therapists do rehabilitation work to help patients with injuries or disabilities. The OT focuses on improving the patient's ability to do day-to-day activities, often working in a clinical setting but increasingly in a patient's home. Upon completion of a bachelor's degree, you may choose to pursue either a master's or doctoral degree in occupational therapy. Both degrees educate you to be an effective clinician; however, the doctoral degree prepares you to conduct research in occupational therapy, helping patients through discovery of new techniques and treatment. Many students go to either Creighton University or the University of South Dakota, but there are many other schools offering OT programs. Information about the prerequisites for other OT schools can be found at www.aota.org. The demand for occupational therapists is very high and is forecast to grow over the next several decades.

FAST FACTS

Hours:

42-56 hours in the major
30 hours in general education
120 hours are required for graduation from Wayne State College. You may choose to add electives or a minor to help meet these requirements.

Degrees offered: This program is set up so you will receive a B.S. from WSC, then be ready for entrance to an occupational therapy program.

GPA required: 3.0 or better to enter medical school

Department: Life Sciences

School: Natural and Social Sciences

Suggested program of study:
Biology

Popular minors: Chemistry, Spanish, Psychology, Public and Global Health

..... focus on results

Skills Learned

- Human anatomy and physiology
- Evolutionary processes
- Biological systems and structures
- Research, data collection, and analysis
- Modern lab techniques
- Critical thinking
- Observation
- Communication

Possible Careers

- Occupational therapist
- Rehabilitation specialist
- Health services manager
- Sports therapist
- Art therapist
- Rehabilitation therapist

Types of Employers

- Hospitals and medical clinics
- Nursing homes
- Sports teams and clubs
- Assisted living centers
- Home health agencies
- Mental health clinics
- Non-profit organizations
- Rehabilitation centers
- Schools, colleges, and universities

outside the
classroom

Visit www.wsc.edu/clubs to learn more about clubs and organizations on campus.

Activities / Opportunities

- Conduct research projects
- Conferences and presentations
- Peer mentoring and tutoring
- Service-Learning
- Study Abroad

Clubs / Organizations

- Biology Club
- Health Science Club (Lambda Delta Lambda)
- Pre-Physical Therapy / Pre-Occupational Therapy Club

SAMPLE PROGRAM OF STUDY

Every effort is made to ensure this information is current, but please be aware that some content may have changed. There is no substitute for developing a careful course registration plan in consultation with your advisor. For questions about this content, please see your advisor.

*Meets prerequisites for Creighton University Occupational Therapy Doctorate

FRESHMAN - 1st semester

BIO 110 Biology Concepts (General Studies CAT 7).....	4
*ENG 102 Composition Skills (General Studies CAT 1)	3
FCS 207 Nutrition (General Studies CAT 9).....	3
SOC 110 Intro to Anthropology (General Studies CAT 8).....	3
General Studies CAT 4 or elective	4

FRESHMAN - 2nd semester

*PSY 101 General Psychology (General Studies CAT 5).....	3
CHE 106 General Chemistry I.....	4
CNA 100 Principles of Human Communication (General Studies CAT 2)	3
*HIS 120 World History (General Studies CAT 10).....	3
Elective	3

SOPHOMORE - 3rd semester

*BIO 220 Human Anatomy	4
CHE 107 General Chemistry II	4
Electives	6

SOPHOMORE - 4th semester

BIO 108 Biomedical Terminology	1
BIO 200 Zoology	4
CHE 208 Intro to Organic Chemistry	4
Electives	6

JUNIOR - 5th semester

BIO 301 Biology Seminar	1
BIO 320 Molecular Genetics.....	4
*PHI 105 Ethics and Values (General Studies CAT 6)	3
BIO Elective.....	4
Electives	3

JUNIOR - 6th semester

BIO 210 Experimental Plant Science	4
BIO 330 Histology.....	4
BIO 370 Intro to Research.....	2
*MAT 180 Applied Probability and Statistics (General Studies CAT 3)	3
Elective	3

SUMMER

BIO 397 Biology Internship or BIO 465 Continuing Research.....	1
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SENIOR - 7th semester

BIO 434 Advanced Cellular Biology.....	3
BIO 469 Senior Seminar or BIO 470 Research Project.....	1
PHY 201 General Physics I	3
PHY 321 General Physics Lab I	1
Electives	6

SENIOR - 8th semester

BIO 425 Evolution	3
BIO electives	4
Electives	8

Suggested electives:

BIO 340 Human Physiology.....	4
PSY 230 Life Span Development.....	3
PSY 450 Abnormal Psychology.....	3

**pre-occupational
therapy faculty**

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