

ONE HEALTH STUDIES

Do you care about health, have broad academic interests, and a passion for learning? Do you like thinking outside the box to solve complex problems, value respectful collaboration with diverse societal sectors, and hope to make a difference for a healthier world? One Health Studies is a rigorous major combining an intentionally interdisciplinary core of diverse health, environmental, and social science foundations. A choice of four concentrations prepares students for a variety of professions or post-graduate/professional studies, while gaining a holistic understanding of the synergistic components determining health, skills for fostering health and well-being, and the ability to work collaboratively while addressing complex threats to health, ecosystems, and sustainable development locally and globally. Visit www.onehealthcommission.org to learn more about the field of One Health.

fast facts

Hours:

55-57 hours for major
30 hours in general education

At least 120 hours are required for graduation from Wayne State College. You may add a second major, minor, or electives to help meet these requirements.

Degrees offered: B.A. or B.S.

Department: Health, Human Performance, and Sport

School: Science, Health, and Criminal Justice

Internship: Not required but encouraged

Popular minors: Chemistry, Emergency Management, Environmental Studies, Exercise Science, Foods and Nutrition, Geospatial Technology, Journalism, Political Science, Sociology

focus on results

Skills Learned

- Basic, applied, and social sciences, communication, critical thinking and analytical skills
- Ability to engage diverse academic disciplines and stakeholder perspectives to build capacity for health
- Development of historical, social, and cultural perspectives and respect
- Comprehension of local and global contexts and interactions of health determinants and health equity
- Development of plans addressing complex health challenges

Possible Careers

- Epidemiologist
- Biostatistician
- Health promoter/advocate
- Health security officer
- Emergency preparedness officer
- Medical, allied, and veterinary health science professions, including doctors, assistants, and researchers
- Zookeeper

Types of Employers

- Government organizations
- Nonprofit organizations
- State and local health departments
- Game and parks organizations
- Environmental and agricultural consulting firms and advocacy organizations
- Hospitals and healthcare organizations
- Veterinary hospitals/clinics
- Wildlife management agencies
- Zoos

outside the classroom

Activities / Opportunities

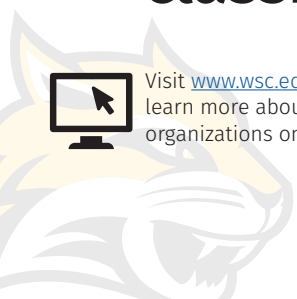
- Campus and community health activities
- Attending and presenting at conferences and symposia, such as the Global Health Conference-Midwest at Creighton University
- Regional and global practicum and research opportunities
- Service-Learning

Clubs / Organizations

- Exercise is Medicine on Campus (EIM-OC) Club
- Rotaract
- Wildlife Society
- WSC Green Team
- Health Science Club



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



Sample program of study

2024-25 Academic Year

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. The class sequence listed is suggested only. The final decision rests with the student and academic advisor.

This is an example for completing the General Studies and One Health Studies major requirements in eight semesters. Students will choose one of four concentrations working with their advisor on electives and possible minors or second majors depending on their postgraduate interests.

Freshman - 1st semester

BIO 110 Biology Concepts (CAT 7).....	4
CNA 100 Principles of Human Communication (CAT 2).....	3
ENG 102 English Composition (CAT 1).....	3
General Studies CAT 4, CAT 6, CAT 8, or CAT 10	6

Freshman - 2nd semester

MAT 180 Probability and Statistics (CAT 3).....	3
PED 105 Anatomy and Physiology I.....	3
PGH 200 Introduction Personal, Public, and Global Health (CAT 9).....	3
PSY 101 General Psychology (CAT 5).....	3
General Studies CAT 4, CAT 6, CAT 8, or CAT 10	3

Sophomore - 1st semester

BIO 325 Ecology.....	4
EAS 110 Intro to Meteorology.....	4
PED 205 Anatomy and Physiology II.....	3
General Studies CAT 4, CAT 6, CAT 8, or CAT 10	3

Sophomore - 2nd semester

BIO 200 Zoology.....	4
PSY 316 Social Psychology.....	3
Concentration courses	6
Electives/minor by advisement.....	3

Junior - 1st semester

EAS 360 Global Climate Change.....	3
FCS 317 Nutrition Through the Lifespan.....	3
Concentration courses	3-5
Electives/minor by advisement.....	6

Junior - 2nd semester

CNA 418 Health Communication.....	3
Concentration courses	3-5
Electives/minor by advisement.....	6-9

Senior - 1st semester

GEO 300 Human Geography.....	3
Concentration courses	3-5
Electives/minor/practicum by advisement	3-9

Senior - 2nd semester

PGH 480 One Health Senior Seminar.....	1
Concentration/minor courses by advisement.....	12

Concentration options (18-20 hours)

Health Behavior and Promotion:

CNA 374 Public Relations.....	3
PED 305 Exercise Physiology.....	3
PSY 345 Health Psychology.....	3
Electives.....	9-11

Health Analysts:

CSC 365 Scripting Languages (Python).....	3
GEO 430 Geographic Information Systems.....	3
GEO 435 Computer Mapping.....	3
Electives.....	9-11

Ecological Health:

BIO 345 Conservation Biology.....	3
BIO 451 Advanced Ecology.....	3
GEO 410 Hazards and Disasters.....	3
Electives.....	9-11

Social Health and Wellbeing:

POS 430 Public Policy.....	3
SOC 355 Health and Populations.....	3
SOC 460 Social Inequalities.....	3
Electives.....	9-11

one health studies faculty

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Visit www.wsc.edu/hhps to learn more about the Department of Health, Human Performance, and Sport.



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