

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

Credit hours: 55-57

Students must also take 30 credit hours of General Studies courses. A total of 120 credit hours are needed to graduate from WSC. Additional majors or minors can be added to help meet graduation requirements.

Degree options: B.A. or B.S.

Department: Health, Human Performance, and Sport

School: Science, Health, and Criminal Justice

Popular minors: Chemistry, Computer Science, Earth Science, Emergency Management, Environmental Studies, Exercise Science, Foods and Nutrition, Geography, Geospatial Technology, History, International Studies, Journalism, Mapping, Math, Political Science, Pre-Law, Social Sciences, Sociology, Spanish

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 interdisciplinary 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

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

Types of Employers

- 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
- Government organizations
- Nonprofit organizations

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
- Rural Health Opportunities Program (RHOP)
- Service-Learning

Clubs / Organizations

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



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



The following courses are required for the program of study described on this sheet. Every effort is made to ensure this information is current, but please be aware that some content may have changed. To develop a plan for registering and taking these courses, please consult the current academic catalog and your advisor.

Program courses

For CAT 2, take CNA 100 Principles of Human Communication. For CAT 3, MAT 180 Applied Probability and Statistics is recommended. For CAT 5, take PSY 101 General Psychology. For CAT 7, take BIO 110 Biology Concepts.

One Health Studies Core Courses

BIO 200 Zoology.....	4
BIO 325 Ecology.....	4
CNA 418 Health Communication.....	3
EAS 110 Introduction to Meteorology.....	4
EAS 360 Global Climate Change.....	3
FCS 317 Nutrition Through the Life Cycle.....	3
GEO 300 Human Geography.....	3
PED 204 Anatomy and Physiology I.....	3
PED 205 Anatomy and Physiology II.....	3
PGH 200 Introduction to Personal, Public and Global Health.....	3
PGH 480 One Health Studies Senior Seminar.....	1
PSY 316 Social Psychology.....	3

Choose one of the following concentrations. Students may choose more than one concentration by advisement. Please see current catalog for course requirements.

- **Ecological Health Concentration:** Students selecting this concentration will be prepared for work in a variety of agricultural, environmental, wildlife, conservation, zoo, or domestic animal, and public health professions, as well as graduate programs in environmental, public, and animal health sciences. Courses may include biology, Earth science, geography, and public and global health.
- **Health Analysis Concentration:** Student selecting this concentration will be prepared for work with public health departments, governmental and non-governmental agencies, or pursue graduate studies as epidemiologists, biostatisticians, environmental analysts, and health mapping professionals. Courses may include business, computer information systems, computer science, Earth science, geography, mathematics, public and global health, and social sciences.
- **Health Behavior and Promotion Concentration:** Students selecting this concentration will be prepared to work in public health promotion or health, fitness, and community wellness professions, or pursue graduate degrees in public health, health behavior, or health promotion. Courses may include communication arts, exercise sciences, family and consumer sciences, psychology, public and global health, and sociology.
- **Social Health and Wellbeing Concentration:** Students selecting this concentration will be prepared for work in public health, social services, public policy, law, and governmental and non-governmental agencies. Courses may include English, geography, history, political science, psychology, public and global health, and sociology.

Student learning outcomes

1. Explain the interdisciplinary foundations of the One Health perspective
2. Apply diverse academic perspectives to understand complex health issue
3. Design collaborative interdisciplinary solutions for addressing complex health problems
4. Critique benefits and challenges of interdisciplinary collaborations for human, animal, and environmental health

one health studies faculty

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Visit www.wsc.edu/health-human-performance-sport-department to learn more about the Department of Health, Human Performance, and Sport.

