

# Minnesota State University Moorhead

## BIOL 248: Introduction to Public Health

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: 0

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: Goal 08 - Global Perspective

This course will introduce students to the broad and multidisciplinary field of public health. Students from any major, will be introduced to the current, local and global issues in public health, and will be provided necessary background to understand the importance of scientific evidence and collaborative approach towards addressing these issues. MnTC Goal 8.

**B. COURSE EFFECTIVE DATES:** 02/01/2018 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Introduction to Public Health
2. Analytical Methods of Public Health
3. Biomedical Basis of Public Health
4. Social and Behavioral Factors in Health
5. Environmental Issues in Public Health
6. Future Achievements and Challenges of Public Health

### D. LEARNING OUTCOMES (General)

1. Describe the historical achievements in the field of public health.
2. Explain the philosophy and values of public health.
3. Identify the core functions of public health.
4. Identify the core scientific domains that contribute to the field of public health.
5. List major determinants of health.
6. Understand and articulate the organization and partners of public health system at city, state, national and international level.
7. Describe public health approach for addressing public health relevant issues.
8. Identify controversies associated with public health relevant issues, and the importance of effective advocacy, conflict management, and community and international partnerships in addressing these issues.
9. Explain the importance of evidence in addressing public health relevant issues.
10. Demonstrate competency in analyzing public health relevant data.
11. Explain the effects of environmental, biological, genetic, behavioral, psychological, social, economic and political factors on population health.
12. Explain the effect of globalization on population health.
13. Explain connections among human health, animal health and ecosystems health that contribute to one health.
14. Articulate the challenges and future of public health.

## **E. Minnesota Transfer Curriculum Goal Area(s) and Competencies**

### Goal 08 - Global Perspective

1. Describe and analyze political, economic, and cultural elements which influence relations of states and societies in their historical and contemporary dimensions.
2. Demonstrate knowledge of cultural, social, religious and linguistic differences.
3. Analyze specific international problems, illustrating the cultural, economic, and political differences that affect their solution.
4. Understand the role of a world citizen and the responsibility world citizens share for their common global future.

## **F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

## **G. SPECIAL INFORMATION**

None noted