

Minnesota State University Moorhead

BIOL 612: Clinical Anatomy

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: 0

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Clinical Anatomy will focus on three modules studying the anatomical differences between females and males in response to sex hormones. These three topics/modules look at the musculoskeletal system; fat deposition; and brain structures. Emphases is on clinical applications that arise due to anatomical differences between the sexes.

B. COURSE EFFECTIVE DATES: 02/02/2019 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Musculoskeletal differences
2. Fat deposition differences
3. Brain recruitment differences

D. LEARNING OUTCOMES (General)

1. Identify basic anatomy relating to the musculoskeletal system, fat deposition, and brain structures.
2. Describe anatomical sex differences in musculoskeletal system, fat deposition, and brain structures in response to sex hormones.
3. Discuss the functional and clinical implications of anatomical differences between females and males in response to sex hormones.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted