

Mayville State University

Anatomy & Physiology I & II

Online Course with Online Lab



When is it offered?

The AP I and AP II courses are offered every semester: fall, spring and summer. The courses fill quickly, so register today!

Summer term dates: May 27 - Aug. 1, 2014
Last day to add: June 1, 2014

Fall term dates: Aug. 26 - Dec. 19, 2014
Last day to add: Sept. 3, 2014

Spring term dates: Jan. 13 - May 15, 2015
Last day to add: Jan. 22, 2015

(Dates subject to change)

Course Materials

Text - Visual Anatomy & Physiology; Martini, Ober, & Nath, 11th Edition, Pearson Publishing

Lab Materials - The lab kit must be ordered from our bookstore online at www.mayvillestatebookstore.com. Lab procedures, which you will download from Moodle, have primarily been written using Microsoft Word. Camera: A digital camera is needed to record lab activities including dissections. Webcam: A webcam is required for exams.

Contact Information

Office of Extended Learning
330 Third Street NE
Mayville, ND 58257
1-800-237-4104, ext. 34667
ExtendedLearning@mayvillestate.edu

Dr. Joseph Mehus
Assistant Professor of Biology
joseph.mehus@mayvillestate.edu
701.788.4802

Mayville State offers anatomy and physiology I & II courses with completely online labs that meet the requirements of many programs in the allied health field. The online lab courses are actual, not virtual, labs.

How Does It Work?

A student who registers for these courses will be provided a Moodle login and password. Moodle is the course management system Mayville State uses. In Moodle, the student will access the course syllabus, course and lab assignments, quizzes, and exam information.

Students will complete assignments and exams which will then be uploaded to the instructor, meaning there is no need for snail mail activity. It is truly all online! Students will also receive their own Mayville State email account providing them with easy access to communicate with their instructors.

Is the Lab Online Too?

Labs are completed in your home with instructions downloaded from our website and the lab kit materials from our bookstore. You will be doing a number of dissections and other "wet" labs, photographing and reporting your results using the online learning management system. A student is required to order the appropriate lab kit for either AP I or AP II through the Mayville State Bookstore. The AP I lab kit may include a male white rat, sheep brain, cow eye, dialysis tubing, and a dissecting kit. The AP II lab kit may contain a sheep heart in pericardium, pig kidney, pregnant white rat, gloves, and if needed, a dissecting kit. The lab assignments will be posted in Moodle making it easy for the student to complete the lab assignment and upload them to the instructor.

Will the Credits Transfer?

The anatomy & physiology courses are highly transferable. Mayville State is accredited by the Higher Learning Commission, formerly known as the North Central Association of Colleges and Schools (NCA), and the National Council for the Accreditation of Teacher Education (NCATE). It is the responsibility of the student to verify transferability with the Institution to which they are applying or that is granting their degree.



1.800.437.4104
www.MayvilleState.edu

Course Description

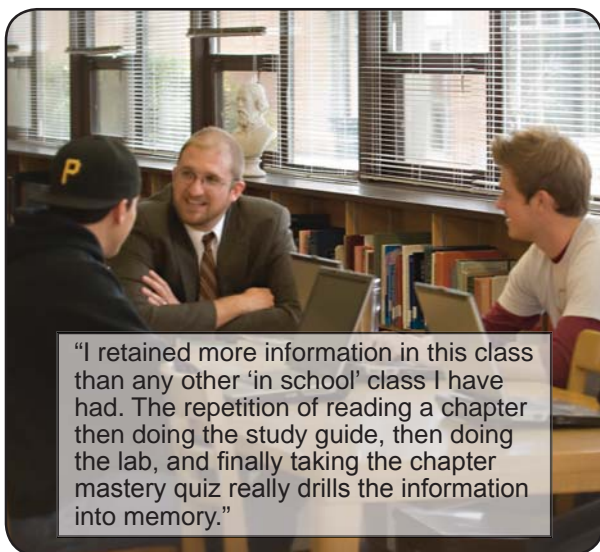
Anatomy and Physiology I (3 semester hours lecture and 1 semester hour lab: BIOL 220 and BIOL 220L) will consider the increasing levels of complexity of the human body, beginning with the basic structure of atoms and progressing to molecules and molecular processes; how the molecules are organized to form cellular organelles, and how the organelles function together to form the smallest living unit, the cell; organization of cells into tissues which combine to form organs. The study of organ systems begins with the integumentary, skeletal, muscular, and nervous systems.

Anatomy and Physiology II (3 semester hours lecture and 1 semester hour lab: BIOL 221 and BIOL 221L) will continue the study of the organs and divisions of the nervous system and the connections to the body and the outside world, the somatic and special senses. Another type of control of the body is provided by the endocrine system. The transport systems and the energy absorption and related systems will also be studied. The course will conclude with an introduction to human reproduction, growth and development and genetics.

Students may enroll in just the lecture or just the lab components of the class. With instructor consent and completion of the Agreement Form, students may enroll in both BIOL 220 and 221 in the same academic term. However, due to the coursework required, students should carefully consider this option.

Proctor Information

Tergrity proctoring will be used for all course exams. Students must have high-speed internet, a home computer, and a webcam.



"I retained more information in this class than any other 'in school' class I have had. The repetition of reading a chapter then doing the study guide, then doing the lab, and finally taking the chapter mastery quiz really drills the information into memory."

Payment Information

Your one-time matriculation fee of \$35.00 must be paid before processing of your application and registration. Tuition and fees for these courses are \$265 per credit* plus a \$15 lab fee.

Textbooks and course materials are available through the MSU Bookstore. The cost of textbooks and lab kit materials is not included in your tuition and fees.

Payment can be made by check, money order, or credit card. Visa, MasterCard, and Discover accepted. Send payments to Business Office, Mayville State University, 330 Third Street NE, Mayville, ND 58257 or call 1-800-437-4104, ext. 34757.

*Subject to change

Register now!

1. Go to www.mayvillestate.edu
2. Under **Prospective Students** click on Academics then click on **Extended Learning (Distance/Online)**
3. Click on **Schedule and Registration Information**
4. You will then click on Pre-register for online Anatomy & Physiology or Microbiology courses.
5. You will then see online courses listed.
6. Choose the appropriate course(s).
7. Once you have all the courses you want, click **Add Courses**.
8. Read the agreement terms and continue through the process.
9. Fill out the personal information and click OK.
10. You will be prompted to fill out a non-degree application; follow the directions.
11. You must pay a **\$35 application fee** before you will be enrolled.
12. Complete Financial Obligation Agreement
13. You will receive an email once you have been enrolled



If you have any questions regarding this program or any other program, give us a call at 800.437.4104, ext. 34842 or go to www.MayvilleState.edu