

# Mayville State University

## Anatomy & Physiology I & II

Online Course with Online Lab

### When is it offered?

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

**Non-degree seeking students must be enrolled one week prior to class start date.**

Fall term dates: Aug. 24 - Dec. 18, 2020  
Non-degree students last day to add: 9/2/20  
Collaborative & other students last day to add: 9/2/20

Spring term dates: Jan. 11 - May 14, 2021  
Non-degree students last day to add: 1/4/21  
Collaborative & other students last day to add: 1/21/21

Summer term dates: May 24 – July 18, 2021  
Non-degree students last day to add: 5/17/21  
Collaborative & other students last day to add: 5/28/21

(Dates subject to change)

### Course Materials

Text - Visual Anatomy & Physiology; Martini, Ober, Nath, Bartholomew, & Petti, 3rd Edition, Pearson Publishing

Lab Materials - The lab kit must be ordered from our bookstore online at [www.mayvillestatebookstore.com](http://www.mayvillestatebookstore.com). Lab procedures, which you will download from Blackboard, 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. Printer: Access to a printer is required to print materials.

### Contact Information

Office of Extended Learning  
330 Third Street NE  
Mayville, ND 58257  
1.800.437.4104, ext. 34667 or 701.788.4667  
[ExtendedLearning@mayvillestate.edu](mailto:ExtendedLearning@mayvillestate.edu)  
701.788.4656 (fax)

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 Blackboard login and password. Blackboard is the course management system Mayville State uses. In Blackboard, the student will access the course syllabus, course and lab assignments, quizzes, lectures and videos, 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. All work is online, and students are not required to come to the Mayville State campus.

### 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 A&P I or A&P II through the Mayville State Bookstore. The A&P I lab kit may include a male or female rat, a pig heart, potassium permanganate, dialysis tubing, gloves, a petri dish, and a dissecting kit. The A&P II lab kit may contain a sheep brain, a fetal pig, a pig kidney, a cow eye, a tuning fork, gloves, and if needed, a dissecting kit. The lab assignments will be posted in Blackboard 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), Council for the Accreditation of Educator Preparation (CAEP), and the Commission on Collegiate Nursing Education (CCNE). It is the responsibility of the student to verify transferability with the Institution to which they are applying or that is granting their degree.

## Course Description

**Anatomy and Physiology I** (3 semester hours lecture and 1 semester hour lab: BIOL 220 and BIOL 220L)

The study of anatomy and physiology of the human body will be studied as an integrated topic. This is the first course of a two course sequence. Topics covered in this course will include organization from atomic structure to organ level structure, the integumentary system, skeletal, muscular, respiratory and cardiac systems. BIOL 111 or BIOL 150 or equivalent and CHEM 121 are highly recommended. Corequisite: BIOL 220L. Fall, Spring, Summer.

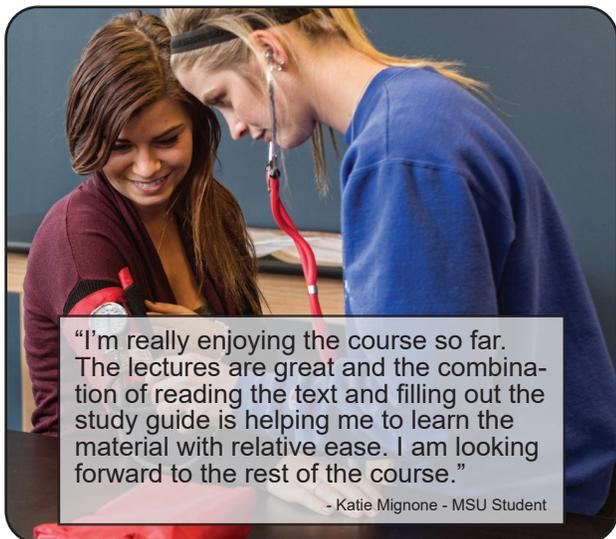
**Anatomy and Physiology II** (3 semester hours lecture and 1 semester hour lab: BIOL 221 and BIOL 221L)

The study of anatomy and physiology of the human body will be studied as an integrated topic. This is the second course of a two course sequence. Topics which will be covered include the nervous, endocrine, digestive/metabolism, urinary, and reproductive systems. Elements of development and growth, and of human genetics will also be considered. BIOL 111 or BIOL 150 or equivalent, BIOL 220, BIOL 220L, and CHEM 121 are highly recommended. Fall, Spring, Summer.

Students may enroll in just the lecture or just the lab components of the class. Students may apply for consent to enroll in both BIOL 220 and 221 courses in the same term with submission of the Agreement Form for Anatomy and Physiology Students. However, due to the coursework required, students should carefully consider this option.

## Proctor Information

YuJa Proctoring will be used for all course exams. Students must have high-speed Internet, a home computer, and a webcam.



"I'm really enjoying the course so far. The lectures are great and the combination of reading the text and filling out the study guide is helping me to learn the material with relative ease. I am looking forward to the rest of the course."

- Katie Mignone - MSU Student

## 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 \$314.65 per credit.\*

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 800.437.4104, ext. 34757.

\*Subject to change.

## Apply Today!

1. To review upcoming BIOL 220 and BIOL 221 courses, go to <https://mayvillestate.edu/msu-online/online-course-schedule/>.
  2. For a step-by-step application tutorial, contact the Office of Extended Learning at 701.788.4667.
  3. To apply, go to [www.mayvillestate.edu/admissions/apply-now/](http://www.mayvillestate.edu/admissions/apply-now/) to apply. Once admitted, you will receive an acceptance email.
  4. Claim your NDUS account following the instructions in your acceptance email.
  5. Sign the Financial Obligation Agreement.
  6. If you are enrolling in A&P I lecture and lab (BIOL 220/220L) or you are a returning student who has previously completed A&P I lecture and lab from Mayville State University and are interested in A&P II (BIOL 221/L), you can self-register.
  7. You should not self-register in courses if:
    - you are only taking a lecture (no lab) or only taking a lab (no lecture)
    - you are taking BIOL 221/L as your first course/s at Mayville State University
    - you seek to enroll in both BIOL 220 and 221 courses in the same term
- Please email [ExtendedLearning@mayvillestate.edu](mailto:ExtendedLearning@mayvillestate.edu) for assistance with these enrollment options.
8. For enrollment in A&P I and II courses during the same term, you must receive consent. Please apply for consent by submitting the Agreement for Anatomy and Physiology Students available from the Office of Extended Learning or online at <https://mayvillestate.edu/msu-online/ap-registration/>.