



Application deadline May 13, 2022

University of Nebraska Medical Center – College of Medicine
2022 Summer Programs Application and Consent Form

Table with 3 columns: Courses Offered, Course Dates, Credit Hours. Row 1: GCBA 516: Human Gross Anatomy (online), 06/06/22 – 07/15/22, 6**

*Offered to students who have previously taken an anatomy course in an MD, DO, PA, PT or Graduate program.

** Students may elect to take any combination of the subsections of the Human Gross Anatomy Course.

Course Tuition & Fees: (based on UNMC Graduate Tuition Rate - \$341.00/credit hour; plus \$154 technology fee)

Table with 3 columns: Course Number, Unit Selection, Tuition. Row 1: GCBA 516: Human Gross Anatomy, Full Course (6 credit hours: Weeks 1 – 6), \$ 2,200.00

A separate \$30 non-refundable registration deposit is required with the submission of this application to reserve a place in the course. Full payment of the course is due by May 27, 2022. Credit Card and check payments accepted.

Please make all checks payable to:
and mail to:

Department of Genetics, Cell Biology and Anatomy
986395 Nebraska Medical Center
Omaha, NE 68198-6395

Section I - Application Form: To be completed by student.

Full Name of Applicant: Phone: ()

Current Address:

Permanent Mailing Address:

Date of Birth: Male or Female:

Email: Soc. Sec. #

University presently enrolled at:

Reason for taking summer course:

Signature: Date: / /

Section II - Consent Form: Application is valid only after being signed by Administrator.

This is to certify that is a student in good standing and has been granted official approval to take GCBA 516: Human Gross Anatomy summer remedial course offered by the Department of Genetics, Cell Biology and Anatomy at the University of Nebraska Medical Center.

It is understood that the above student will be responsible for requesting an official transcript of the grade awarded by accessing the MyRecords portal at the University of Nebraska Medical Center.

Administrator's Name (please print) Administrator's Position

Administrator's Mailing Address

Administrator's Phone Number Administrator's Email Address

Administrator's Signature Date

REGISTRATION

APPLICATION:

The first page of this brochure is the "Application and Consent Form" listing current dates of the course. It also includes a Consent Form (**Section II**) for the home administration, which must be signed by the appropriate administrative representative. The completed and signed Application and Consent form should be emailed to the Registration Coordinators listed below.

A separate \$30 non-refundable registration deposit is required with the submission of this application to reserve a place in the course. Make checks payable to *Department of Genetics, Cell Biology and Anatomy*.

Payment by credit card is also an option (Note: 2.75% surcharge per transaction).

For additional information, please contact:

Faculty:

Kim Latacha, PhD	klatacha@unmc.edu	402.559.8341
Megan Perry, PhD	megan.perry@unmc.edu	402.559.6493
Samantha Simet, PhD	ssimet@unmc.edu	402.559.8296
Matt Vilburn, DC	matt.vilburn@unmc.edu	402.559.6178

Registration Coordinators:

Megan Brown	mebrown@unmc.edu	402.559.8328
Nick McCormick	nimccormick@unmc.edu	402.559.4030

COURSE STRUCTURE:

This course is designed as a remedial course for professional students who have previously taken gross anatomy. Students **are required** to attend all team-based learning (TBL) and virtual laboratory activities. Students will have access to recorded lectures, UNMC created virtual dissection videos, an Interactive Dissecting Guide (IDG) and additional resources designed for an in-depth, comprehensive gross anatomy experience. Students are expected to preview the corresponding lectures, dissection videos, IDG and additional resources prior to TBL and lab sessions.

Team-Based Learning

Students will be given an individual quiz to test their content knowledge. After the completion of the individual quiz, students will be placed in groups and retake the quiz. The students are expected to discuss and share their anatomical knowledge to complete the group quiz. Groups will have three attempts to correctly answer the quiz, with the average score recorded for a grade.

Following the TBL quizzes, faculty will present mini lectures based on the course objectives and quiz questions.

Virtual Laboratory Sessions

Laboratory sessions will be guided by faculty. Students and faculty will review the dissection videos together to discuss anatomical relationships and clinical significance. Students will also participate in small group discussions related to anatomical questions of the day, concepts of the day and identification of structures on clinical images.

GRADING INFORMATION:

These courses are equivalent to those offered to the first-year medical students at the University of Nebraska Medical Center. The credit hours for each course or subunit are listed on the first page. Students are responsible for obtaining, in advance, consent from the administration of their schools to enroll in the course if the course is being taken for credit. Final course scores will be derived from the compilation of individual examination scores, including multiple choice questions and practical examination questions. The Course Directors reserve the right to upgrade a student's scores, if appropriate. Under no circumstances will a student's scores be reduced. Appropriate administrators will be supplied with course grading results so that they can assess student achievement. Students will need to request where they would like to have their official transcripts sent by accessing the [MyRecords portal](#). Grading shall be no stricter than the following scale:

GCBA 516 grading scale:

- A = 90% and above
- B = 80% - 89%
- C = 70% - 79%
- D = 60% - 69%
- F = Less than 60%

No grades will be issued for students auditing the course. Those students, however, will receive formative feedback about exam performance.

ADDITIONAL INFORMATION:

Compliance Training: As an enrolled student at UNMC you will be required to complete all assigned compliance training. You can access these trainings through Canvas <https://www.unmc.edu/canvas.html>

Required Compliance Training:

- BBP
- Cultural Competency
- FERPA
- HIPAA
- Info Security Awareness
- SAFETYASSESS
- STUPAYMENT
- Standards of Alcohol/Drugs
- Statement of Understanding
- Title IX Student Training

IMPORTANT: A hold will be placed on your account if these are not completed. This will also result in a hold on your official transcripts being sent to your home institution.

GCBA 516: HUMAN GROSS ANATOMY (online)

FACULTY:

Kim Latacha, PhD
Megan Perry, PhD
Samantha Simet, PhD
Matt Vilburn, DC

SCHEDULE:

Weeks 1 & 2: Monday – Friday

9:30 - 11:00am TBL sessions and quizzes via Zoom

11:30am – 1:30pm Virtual Laboratory sessions via Zoom

Weeks 3 – 6: Tuesdays, Wednesdays, and Fridays

9:00 - 11:00am TBL sessions and quizzes via Zoom

11:30am – 2:30pm Virtual Laboratory sessions via Zoom

COURSE DESCRIPTION:

The organization of the human body and the way in which anatomical relationships serve as a basis for function are studied in this course. The medical aspects of the structural and functional organization of the human body are also a focus of attention. The course will consist of daily team-based learning exercises and virtual laboratory sessions. Students are expected to do the assigned pre-reading and come to the TBL sessions prepared to discuss clinical cases and take the daily quizzes. The major learning experience occurs in the virtual laboratory sessions where teaching consists of small group discussions related to anatomical questions of the day, concepts of the day, and identification of structures on clinical images

RESOURCES:

Moore K., Dalley A., Agur A., *Clinically Oriented Anatomy 8th Edition* and Netter F., *Atlas of Human Anatomy*.

DISSECTION GUIDE:

A copy of the dissection guide used at the University of Nebraska Medical Center will be furnished to the student via Canvas and includes additional resources created by the Department of Genetics, Cell Biology and Anatomy.

EXAMINATIONS:

Examinations over the learning objectives for this course will be given as multiple-choice questions in the format of the USMLE. The examinations over the practical components of the course consist of identification of structure, radiographic anatomy, osteology, and functional implications of material covered in the virtual laboratory sessions.

Week	Day	Session Topic	Reading Assignment Moore & Dalley, 8th ed.	Dissection Video	Assessment
1	Monday 6/6	Scapular region Back, vertebral column, spinal cord demo*	p. 167-187; 196-197; 72-114; 128-139	Scapular region	Quiz 1
	Tuesday 6/7	Pectoral region	p. 167- 170; 116-127	Pectoral region; Vertebral canal demo	Quiz 2
	Wednesday 6/8	Arm and anterior forearm; Joints of upper limb *	p. 201-214; 215-202; 228-240 p. 263-289	Arm and anterior forearm; upper limb joints	Quiz 3 Quiz 4
	Thursday 6/9	Hand and Posterior forearm	p. 220-227; 241-262	Posterior forearm and hand	Quiz 5
	Friday 6/10	Exam 1: Back and Upper Limb	9 - 10:30am written 11am - 12pm practical		Exam 1
2	Monday 6/13	Anterior and medial thigh	p. 703-721	Anterior and Medial Thigh	Quiz 6
	Tuesday 6/14	Gluteal region	p. 721-742; 785-792	Gluteal region	Quiz 7
	Wednesday 6/15	Leg, knee; lower limb joints	p. 742-768; 793-828	Knee and leg; LL joints	Quiz 8
	Thursday 6/16	Foot	p. 768-785	Foot	Quiz 9
	Friday 6/17	Exam 2: Lower Limb	9 - 10:30am written 11am - 12pm practical		Exam 2
3	Tuesday 6/21	Face and Scalp; Infratemporal fossa	p. 851-872; p.922-936	Face and Scalp; Infratemporal fossa	Quiz 10 & 11
	Wednesday 6/22	Orbit; Cranial Cavity; Ear self-study	p. 897-922; 830-850; p. 974-989	Cranial cavity; Orbit	Quiz 12 & 13
	Friday 6/24	Anterior triangle of neck; Posterior Triangle of Neck	p. 1008-1020; 991- 1008	Anterior and Posterior triangle	Quiz 14 & 15
4	Tuesday 6/28	Nasal cavity, paranasal sinuses, external pharynx	p. 963-973 p. 1041- 1060	Nasal Cavity; External pharynx	Quiz 16
	Wednesday 6/29	Oral cavity, root of neck; pharynx, larynx*	p. 936-958 p. 1027- 1060	Oral cavity; pharynx; larynx	Quiz 17 & 18
	Friday 7/1	Exam 3: Head and Neck	9 - 10:30am written 11am - 12pm practical		Exam 3
5	Tuesday 7/5	Thoracic wall, pleural cavity, and lungs	p. 291-348	Thoracic wall, pleura and lungs	Quiz 19
	Wednesday 7/6	Heart and pericardium; Mediastinum	p. 348-382; 382-403	Heart; Mediastinum	Quiz 20 & 21
	Friday 7/8	Abdominal wall, Peritoneum, and inguinal canal*	p. 409-486	Abdominal wall; Peritoneum; Inguinal canal	Quiz 22 & 23
6	Tuesday 7/12	Abdominal viscera, Blood supply and Posterior abdominal wall	p. 487-514; 515-552	Abdominal viscera, Posterior abdominal wall	Quiz 24 & 25
	Wednesday 7/13	Pelvic Cavity and Perineum demo	p. 553-630; 630-665	Pelvic cavity; Perineum	Quiz 26 & 27
	Friday 7/15	Exam 4: Thorax, Abdomen, Pelvis	9 - 10:30am written 11am - 12pm practical		Exam 4