Apply today and earn your Master of Science in Biomedical Sciences
ONE YEAR PROGRAM

Human Anatomy Concentration

A concentration in human anatomy prepares students with a rigorous curriculum similar to the first year of medical, dental, and physician assistant schools. Core courses feature extensive laboratory instruction, including hands-on human cadaver dissection, cross-sectional anatomy, and recitations with case-based learning. The dissection experience is unique due to the excellent student-to-cadaver ratio of 4:1. Students have access to an on-campus MCAT prep course and to individualized career and pre-health counseling. The Department of Biomedical Science’s unique partnership with Rocky Vista College of Osteopathic Medicine reserves up to six spots annually for program graduates.

Core Courses
- Managing a Career in Science 1 credit
- Mammalian Physiology I 4 credits
- Mammalian Physiology II 4 credits
- Human Gross Anatomy Dissection and Case-Based Studies 6 credits
- Neuroanatomy 5 credits
- Plus 12 credits of graduate electives

Animal Anatomy Concentration

This intensive program features a curriculum similar to the first year of veterinary school. Faculty in CSU’s renowned D.V.M. Program teach core courses that feature extensive laboratory instruction, including human neuroanatomy and animal cadaver dissection, with an excellent 2:1 student-to-cadaver ratio. Both of these core classes include recitations focused on case-based learning. Students benefit from an on-campus GRE prep course, individualized career and pre-vet advising, and our collaboration with CSU’s Doctor of Veterinary Medicine Program.

Core Courses
- Managing a Career in Science 1 credit
- Mammalian Physiology I 4 credits
- Mammalian Physiology II 4 credits
- Domestic Animal Gross Anatomy Dissection and Case-Based Studies 6 credits
- Neuroanatomy 5 credits
- Plus 13 credits of graduate electives

Apply
- Application deadline April 1 annually
- See website for early decision deadline and options

Contact Us
- The CSU Master of Science in Biomedical Sciences degree program allows you to tailor your curriculum to your professional goals and provides a high return on your investment. Contact us to learn more.

Graduate Coordinator
- Biomedical Sciences
- Colorado State University
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- Fort Collins, CO 80523-1680
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- biomedical-masters.colostate.edu

“[The first year of vet school is] really, really tough. There was a huge advantage for people who had been in the master’s program.”
—Kizzy English, attended veterinary school at Colorado State University

Neurobiology Concentration

Colorado State offers one of the only post-baccalaureate programs in the country featuring a neurobiology concentration. With primary research literature as its foundation, this program challenges students in developmental and circuit-based neurobiology. Access to human specimens enhances students’ understanding of the material, and students complete a neuroanatomy course designed to apply their knowledge in clinically relevant ways. Students benefit from personalized career and pre-health advising, and an on-campus MCAT/GRE prep course. Some graduates enter careers in industry or research, while others enter professional school.

Core Courses
- Managing a Career in Science 1 credit
- Mammalian Physiology I 4 credits
- Neuroanatomy 5 credits
- Developmental Neurobiology 3 credits
- Systems, Circuits & Behavior 3 credits
- Plus 16 credits of graduate electives

Animal Anatomy Concentration

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Core Courses
- Managing a Career in Science 1 credit
- Mammalian Physiology I 4 credits
- Mammalian Physiology II 4 credits
- Domestic Animal Gross Anatomy Dissection and Case-Based Studies 6 credits
- Neuroanatomy 5 credits
- Plus 13 credits of graduate electives

Human Anatomy Concentration

A concentration in human anatomy prepares students with a rigorous curriculum similar to the first year of medical, dental, and physician assistant schools. Core courses feature extensive laboratory instruction, including hands-on human cadaver dissection, cross-sectional anatomy, and recitations with case-based learning. The dissection experience is unique due to the excellent student-to-cadaver ratio of 4:1. Students have access to an on-campus MCAT prep course and to individualized career and pre-health counseling. The Department of Biomedical Science’s unique partnership with Rocky Vista College of Osteopathic Medicine reserves up to six spots annually for program graduates.

Core Courses
- Managing a Career in Science 1 credit
- Mammalian Physiology I 4 credits
- Mammalian Physiology II 4 credits
- Human Gross Anatomy Dissection and Case-Based Studies 6 credits
- Neuroanatomy 5 credits
- Plus 12 credits of graduate electives

Choose from Three Concentrations:
The CSU Advantage
We offer one of the nation’s premier post-baccalaureate programs with specialized animal anatomy and neurobiology concentrations. Our program also ranks among the top anatomy programs in the region. Whether you choose a concentration in human anatomy, animal anatomy, or neurobiology, you’ll enjoy all CSU has to offer.

Collaborative learning community
Award–winning instruction
Self-directed, hands-on learning
Small cohorts within each concentration
State-of-the-art facilities
Challenging curriculum in a supportive environment

Choose From Three Concentrations
Human Anatomy ■ Animal Anatomy ■ Neurobiology

Curriculum Highlights
> Complete your master’s degree with 32 credits in two semesters
> Extensive laboratory instruction
> Cadaver-based human and domestic animal dissection labs
> Case-based learning
> Cross-sectional and virtual anatomy
> Written comprehensive exams

Alumni Career Statistics
2% conduct research
76% attend professional school (medical, dentistry, veterinary, physical therapy, etc.)
6% attend graduate school
2% teach
6% work in industry
8% other

Our Students - By the Numbers
> Enrolled each year: 50-54
> Number of annual applicants: 180-250
> Average GPA: 3.4
> Combined average test scores:
  MCAT 25-27
  GRE 308 (V + Q)
  DAT 18 (AA)

“The courses I took in the master’s program provided me with the self-assurance and scientific background in human anatomy and physiology necessary for success in the biomedical industry.”
—Sarah Quraini, working in regulatory affairs for Regnera

“The master’s program made medical school a much easier transition because I was able to be reviewing more than learning a lot of the necessary background information.”
—Caren Fleischmann Millard, attended medical school at University of Colorado

“The instructors in the program are very involved. I was able to develop relationships with them. I felt like I knew them, they knew me, and this interaction went beyond what I experienced in my undergraduate education.”
—Jeff Green, attended dental school at University of Colorado