GRADUATE CERTIFICATE IN CLINICAL ANATOMY

Contact

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Accreditation

UNE is accredited by the New England Commission of Higher Education (NECHE), whose mission is to establish and maintain high standards of education through the doctoral level. Accreditation by NECHE signifies that UNE meets or exceeds those high standards.

Program Description

The Graduate Certificate in Clinical Anatomy program offers post-baccalaureate training in the anatomical sciences, a fundamental cornerstone for understanding health and disease. This program will provide students with an in-depth understanding of human anatomy and medical physiology, and the skills to apply this knowledge to teach or work in medical fields. All students completing the program will be knowledgeable in detailed human anatomy, embryology, histology, clinical imaging, and physiology. Completion of the Graduate Certificate courses will provide students with a strong foundation for medical school.

Transfer Credit

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Transfer credits are rarely awarded to students who transfer from another program.

Advanced Standing

No advanced standing available.

Experiential Learning

No credit will be awarded for experiential learning.

Admissions

See Graduate Admissions (https://catalog.une.edu/graduate/admissions/) for more information.

Financial Information

Tuition and Fees

Tuition and fees for subsequent years may vary. Other expenses include books and housing. Please consult this catalog's Financial Information (https://catalog.une.edu/graduate/financial-information-graduate-programs/) page for specific tuition and fees information.

Continued Enrollment

After two academic years, a student who has completed all coursework except their thesis will be required to pay for a minimum of three thesis credit hours plus mandatory fees each semester to remain in the program.

Other Expenses

Housing is arranged by and financed at the expense of the student. Currently, there is no on-campus housing available for graduate students.

Financial Aid

Detailed information and applications are available on request from the Financial Aid Office. Call (207) 602-2342 or visit the Financial Aid website (https://www.une.edu/sfs/).

Curricular Requirements

Code	Title	Hours
Program Required Courses		
CAN 501	Medical Embryology 1	0.5
CAN 505	Medical Histology 1	1
CAN 510	Medical Imaging 1	1
CAN 515	Medical Gross Anatomy 1	6
CAN 520	Medical Physiology 1	3
CAN 550	Medical Embryology 2	0.5
CAN 555	Medical Histology 2	1
CAN 560	Medical Imaging 2	1
CAN 565	Medical Gross Anatomy 2	6
CAN 570	Medical Physiology 2	3
Total Hours		**23**

[1] The purpose of the catalog is to provide a comprehensive list of required courses. The College of Osteopathic Medicine can provide a degree map listing which courses should be taken in each stage of this timeline.

Academic and Technical Standards

To be eligible for the Graduate Certificate in Clinical Anatomy, students will need a minimum score of 70% at the end of the semester in each of the courses in order to pass that course. If a student fails a course, they may be allowed to remediate the course or need to retake the course. Students would become eligible for a certificate only after remediating or retaking the course and successfully completing the course. Students not satisfying these criteria after the semester will be placed on academic probation.

Learning Outcomes

Upon completion of the program, graduates will be able to:

- Demonstrate an advanced understanding of human anatomy, embryology, histology, and physiology with special emphasis on knowledge relevant to health professionals.
- Describe advanced anatomical knowledge as it relates to clinical imaging studies including fluoroscopy, radiology, CT scans, MRI, venous and arterial studies, cardiac studies, etc.
- Demonstrate interpersonal/interprofessional skills (such as student-staff and peer-peer communication), peer-active teamwork, and collaborative leadership, thereby fostering, identifying, and practicing the professional behavior(s) expected within the healthcare setting.
- Identify relevant landmarks and anatomical structures in the living and cadaveric body.
- Identify selected normal anatomical structures and features on medical images, including X-ray, CT scans, and MRI.

- Define and describe the normal structure and biomechanical function of the musculo-skeletal-fascial system.
- Discuss and integrate a fundamental understanding of structure-function relationships for each area of the body and its relationship to the physical exam.
- Discuss and integrate a fundamental understanding of physiology as it relates to the various organs and structures of the body.