

“Glasgow is the best of both worlds.  
The city offers all the entertainment,  
museums and shopping one could  
need, and it is close enough to the  
Highlands so that you can hike  
every weekend!”

Heidi Holmes Creighton University, Omaha, NE

For more information contact:

Study Abroad Co-ordinator  
International Office  
University of Glasgow  
The Fraser building  
65 Hillhead street  
Glasgow, G12 8QQ

Tel: +44 (0)141 330 6516

Fax: +44 (0)141 330 4045

Email: [abroad@admin.gla.ac.uk](mailto:abroad@admin.gla.ac.uk)

[www.glasgow.ac.uk/international/abroadexchange/studyabroadprogramme/](http://www.glasgow.ac.uk/international/abroadexchange/studyabroadprogramme/)

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University  
of Glasgow

PreMed  
study at the  
University  
of Glasgow

[www.glasgow.ac.uk](http://www.glasgow.ac.uk)



“Brimming with style and culture, Scotland’s biggest city is a revelation”

Time magazine

Founded in 1451, the University of Glasgow is the fourth oldest in the English speaking world. It has an international reputation for research innovation and the University’s commitment to teaching and learning excellence has earned it its place in the top 15 of Universities today.

Experience the City

- Glasgow is Scotland’s largest city, with a population of approximately 600,000
- The city is an official Unesco ‘City of Music’, hosting over 200 concerts in an average week!
- Glasgow is the artistic and cultural hub of Scotland with more theatres than anywhere else in the country and festivals taking place all year round. It is also host city of the 2014 Commonwealth Games and home of Scottish soccer

Our diverse University community is something we are very proud of at Glasgow, providing a rich cultural, social and educational mix which appeals to students and staff from all over the world.

The city of Glasgow has a reputation throughout the world as a friendly and welcoming place with a vibrant cultural life and this is reflected within the University

The University of Glasgow offers a wealth of opportunities to Study Abroad students, such as participating in one of the 150 clubs and societies. or whether it is being at the No 1 place in Scotland for students (International Student Barometer 2010).



Get ahead of your peers with our excellent courses, some of which are specifically designed for students looking to attend a US medical school

Anatomy

The University of Glasgow is pleased to offer this course which is specifically designed to give you a real advantage to your medical studies. Using extensive experience of writing and running anatomy courses at a US accredited medical school, the College have prepared a course that both caters to senior undergraduates intent on medical school and increases their anatomy knowledge to the medical school level and beyond.

Course features:

- 5 block (2 weeks each) dedicated to each region of the body-covering the complete body, using real specimens, historic collection and the latest technology.



- Everything covered will be related to clinical practice and real problems.

- Skills will be developed that are relevant to clinical practice including presentations, reading radiographs, handling instruments and palpating landmarks.

- Opportunity to learn basic medical terminology and core concepts in regional anatomy

- Learn basic radiology and clinical correlations and applications of anatomy
- All examinations will use USMLE-style questions, just like US medical schools

- Great access to vast anatomical resources, including historically famous specimens!

In addition to taking the Anatomy class, you are encouraged to consider taking other science related classes from across the University which will complement and enhance the study of Anatomy.

Suggested classes are:

Biochemistry – Molecules of Life

This course covers the structures and functions of DNA, RNA and proteins, and the relations between these molecules. It also describes how cells can harvest energy from their environment, the major central metabolic pathways and their roles.

The course will prepare you for further studies in the fields of biochemistry, genetics and molecular cell biology and provide practical experience of analysis of enzyme activity and of DNA.

General Physics

General Physics I

This is an introductory physics course with a laboratory component. The syllabus of this course is aligned with the syllabus of the MCAT physics. This course is available in the first semester and is intended as a companion course back in your home institution covering topics in Electromagnetism, Light and Modern Physics.

The topics covered in this course includes Kinematics, Newton's Laws, Work, energy and power, Momentum and impulse, Rotation, Harmonic motion, Elastic properties of solids, Fluid mechanics, Temperature and heat, Thermodynamics, Waves and sound.

Medical Humanities

Medical Humanities is a relatively new but flourishing field of inter-disciplinary study and practice. You will look at specific examples of how engagement with ethics, social history, visual culture, language and literature can inform medical understanding. You will develop knowledge of the ways in which the humanities are relevant to a wider understanding of medical culture and practice. The University of Glasgow is well established in medical humanities research and pulls experts from the areas of history, literature, art history, modern languages, medicine and education, as well as professionals from the National Health Service, to teach this course.

Organic chemistry

This course covers fundamental organic chemistry with emphasis on molecular structure and reaction mechanisms. You will have an average of three 1-hour lectures per week, one 3 hour laboratory per week and one tutorial every two weeks.

Organic chemistry II

Course description: Following on from Organic chemistry I including aromatic chemistry, chemistry of carbonyl-containing compounds and biologically important molecules.

You will have an average of three 1-hour lectures per week, one 3 hour laboratory per week and one tutorial every two weeks.

“The great thing about studying at the University of Scotland is that you really have a lot of time to explore and get to know Scotland. I found the classes straightforward and informative at the same time. The people are friendly and wonderful and the night life is the best in the UK!”

Sam Marvin Boston College, Boston MA

