Do you want to promote the safer use of medicines in man?

MSc Clinical Pharmacology

www.abdn.ac.uk/msc/clinical-pharmacology
Our MSc in Clinical Pharmacology will develop your research skills, your knowledge of clinical drugs and their use in the real world. You will have access to leading academic and industry experts and be provided with valuable networking opportunities.

The skills and experience that you will gain from the MSc will increase your employability and improve your career prospects. You will benefit from hands-on research taught through practical teaching sessions in laboratories and lecture rooms.

The programme consists of compulsory and optional courses and a research project split over three stages.
Some common themes throughout the MSc programme include molecular pharmacology and toxicology in relation to disease and the drug discovery process.

The MSc Clinical Pharmacology programme aims to provide students with:

- An understanding of the principles of pharmacology and its methods
- An ability to apply knowledge in academic and real world health contexts
- Opportunities to learn from world renowned researchers

The MSc is aimed at individuals with a relevant undergraduate degree, medics and scientists who would like to improve their career prospects, gain specialist knowledge and further their hands-on research experience.
The taught part of our MSc Clinical Pharmacology consists of lectures, practical classes, tutorials and seminars. **At Aberdeen, we use a range of different teaching methods to ensure you achieve the highest grade possible.**

### What will you study?

Some of the courses you will study include:

- Molecular Pharmacology
- Molecular Toxicology
- Therapeutics
- Applied Statistics
- Introduction to Molecular Biology
- Pharmcovigilance
- Drug Development to Evidence Based Medicine
- Pharmacokinetics

- Basic Research Methods
- Basic Lab Skills
- Introduction to Bio-Business
- Research Project

These courses are subject to change and students should check our online prospectus for the most up-to-date information. More information on our MSc course content is available at [www.abdn.ac.uk/msc/clinical-pharmacology](http://www.abdn.ac.uk/msc/clinical-pharmacology)
We have small class sizes and a low tutor to student ratio, meaning you will have the full support of your group tutors.

How will you learn?

The programme makes the most of hands-on learning, ensuring you are exposed to evidence-based practice using real life examples. Some of the teaching methods used throughout the programme include:

- Practical teaching sessions, laboratory and classroom based teaching
- Exposure to leading academic and industry experts
- Learning informed by cutting edge research
- Real life learning in a clinical environment
- Q&A sessions with tutors
- Peer support

Peer support will develop throughout the programme as engagement with students from other countries and disciplines is actively encouraged.
Completing the MSc in Clinical Pharmacology at the University of Aberdeen will equip you with a range of essential research skills that you can apply to workplace environments. **You will understand how to conduct research into new drugs and promote the safer use of medicines.**

**Career opportunities**

The University of Aberdeen places a strong emphasis on collaborative working, meaning our programme will help you build an essential network of contacts that will prove useful in establishing your career in clinical pharmacology.

On graduating from the programme, there are several career options you can choose from, some of which include:

- Further study (PhD)
- Academic jobs in university settings, e.g. lecturer, researcher
- Careers in the pharmaceutical and biotechnology industry in roles such as Clinical Research Associate, Clinical Trials Co-ordinator, Advisor in Regulatory and Safety Pharmacology, Researcher and Drug Developer
- Work for regulatory bodies such as the MHRA
- Careers in the NHS or with other healthcare providers
Aberdeen is a vibrant and ambitious city with a large student population and a cosmopolitan community. It has a thriving economy and a buoyant job market, making the city a popular choice for graduates. The University of Aberdeen has a multicultural student community representing 120 nationalities.

- We have a huge range of online learning materials so you can re-listen to lectures and access revision materials whenever you need to. We aim to make your learning as interactive as possible to improve your understanding of clinical scenarios.
- You will benefit from having access to clinical teachers and researchers who are key opinion leaders in their field. You will be taught by people who have experience of working for regulatory bodies and Government, which will provide you with useful insights into the pharmacology employment market.
- You will learn pharmacology best practices, increasing the relevancy of your degree. There will also be opportunities to build a network of contacts within the clinical pharmacology field.
- We strongly believe in interdisciplinary and multi-disciplinary learning, which is reflected in the collaborations we organise with other universities, research institutions and governments within the UK, Europe, America and more than 12 developing countries.
- You will have access to a hospital and a University – all on one campus.

Why choose Aberdeen?

You will be taught by world-leading researchers and qualified clinicians on-site and you will experience studying within one of the top 10 medical schools in the UK.

The University has been recognised by the British Pharmacological Society as a site of special scientific interest based on its achievements in pharmacology.
At Aberdeen, you will be part of a long-established community that will help improve your knowledge and awareness of the clinical pharmacology field.

Programme details
The taught part of our MSc Clinical Pharmacology programme extends over two terms. It consists of approximately 150 hours of lectures and 10 days of practical classes in addition to tutorials and seminars.

Throughout the last four months of the programme, students will undertake a project involving original research.

Admissions criteria
Applicants are expected to hold the equivalent to a UK second-class honours degree in a Biomedical Science such as Biochemistry, Pharmacology, Pharmacy or a degree in Medicine or at least GPA - 2.4/4 or 3.0/5 overall. International applicants must also meet the English Language Requirements of the University.

Want to know more?
Contact Professor Heather Wallace, Programme Co-ordinator at graduateschool-clsm@abdn.ac.uk who will be delighted to discuss the opportunity with you.

www.abdn.ac.uk/msc/clinical-pharmacology