Pathway to Medicine (January Intake)
Course information 2018-2019

This is the University's own Pathway to Medicine programme which prepares international students for undergraduate study in the UK, and at the University of St Andrews in particular.

The January Pathway to Medicine programme has six compulsory modules.

In Semester 1, all students will study the same three compulsory modules:

- **Exploring Academic Identities**: explores the topics of sustainability and identity. Students will be required to host, organise and participate in a sustainability conference.
- **Researched Writing**: aims to extend vocabulary, learn how to evaluate the reliability of texts and develop your own academic voice.
- **CH1601 Organic and Biological Chemistry 1**: includes lectures on the structure, stereochemistry and nomenclature of simple organic compounds, fundamental organic reaction mechanisms, organic functional groups and their reactions, introductory bioorganic chemistry, and organic spectroscopy. See more details on CH1601 in the course catalogue.

In Semester 2, all students will study the same three compulsory modules:

- **Communicative Literacy**: focuses on the development of a global mindset by exploring your understanding of the world around you, from different perspectives.
- **Reflective Writing**: introduces students to the similarities and differences between reflective writing and other forms of academic writing.
- **Discipline-specific subjects**: students choose discipline-specific subjects such as Physiology or Introduction to Physical and Inorganic Chemistry.
  - **Physiology**: introduces the students to how the human body functions in systems. They look at how these systems are built from the molecular and cellular perspective along with tissues and organs. This allows students to appreciate how the body systems are maintained and controlled in normal and adverse conditions.
  - **Introduction to Physical and Inorganic Chemistry**: students develop their existing knowledge and understanding of patterns in the periodic table, structure and bonding in elements and compounds, reaction kinetics, equilibria and acid base chemistry, redox reactions and electrochemical cells, and chemical calculations using the mole concept.
Teaching format

We teach from Monday to Friday between 9am and 5pm and you will be timetabled for approximately 18-20 hours per week.

You will engage with independent and group study in a supportive framework of teaching and learning where you will encounter a mixture of:

- small group discussions and tutorials
- independent study activities
- project work
- problem-solving workshops
- presentations and seminars
- technology enhanced learning
- practice exercises
- group work
- reflective practice
- guided instruction and coaching
- demonstrations, simulation and role plays
- laboratory-based teaching

Assessment

The programme includes a variety of types of assessment to give you experience of different ways of being examined, such as:

- posters
- podcasts
- videos
- essays
- presentations
- conducting a seminar
- reports and written examinations
Moving onto Phase 2, the **International Foundation Programme for Medicine**.

**Successful completion of Phase 1**

In order to move from Phase 1 to Phase 2 of the Pathway to Medicine programme, students must:

- achieve a GPA of 14 overall with no core element below 11.
  - Core elements are: Chemistry (CH1601), Exploring Academic Identities, S2 Integrated Skills examination, Physiology, Clinical Observation reflective report and the Oral Presentation examination.
- be interviewed successfully by the Director of the International Foundation Programme for Medicine
- take the UKCAT before 15 August 2018 (mitigating circumstances such as illness, bereavement or travel disruption can be accommodated when documented and notified appropriately).
- complete clinical observations in fulfilment of the offsite research project assessed and included in the final grade calculation
- have a strong written reference from the Director of the Pathway to Medicine Programme

Upon successful completion of Phase 1 students also have the option to pursue a degree in the Faculty of Science if a GPA of 14.0 is achieved.

**Moving onto the BSc Medicine**

**Successful completion of Phase 2**

Students are required to meet the following requirements in their assessments in order to successfully complete Phase 2 of the Pathway to Medicine programme:

- An overall grade of 14.0 or above for the International Foundation Programme for Medicine (ET1030)
- A grade of 12.0 or above for each Faculty of Science module (BL1101, CH1401, CH1601, PS1001, PS1002)
- An overall grade of 14.0 or above for Introduction to Medicine (Semester 2)
• An overall grade of 14.0 or above for Academic Communication and Language, A and B.

Students must also meet the following entry requirements of the School of Medicine in order to move on to the BSc (Hons) Medicine at the University of St Andrews:

• a competitive score in the UKCAT
• successful MMIs
• IELTS (Academic) with an overall score of 7.0 and at least 7.0 in each component.

Provided that you meet the above entry requirements for the School of Medicine at the University of St Andrews, you will be given an unconditional offer to enter first year of the BSc Medicine.

Students who do not meet all the requirements to move on to the BSc Medicine but pass the Pathway to Medicine may be able to study a science degree (Biology, Chemistry or Psychology) at St Andrews or secure a place at another institution. We assist with advice and UCAS applications as necessary to work towards the best possible outcome for our students.