



PARTNERS ACADEMIC SUMMER SCHOOL 2026

Syllabus for Pharmacy

Subject Area

This syllabus is for PARTNERS applicants seeking to progress to the degrees of:

- B230 MPharm Hons Pharmacy
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Aims

To allow students to demonstrate their potential to succeed in specified degree programmes by showing a grasp of entry-level subject-specific knowledge, understanding, cognitive and subject-specific skills.

Learning Outcomes

A good knowledge and understanding of ...

- To be able to acquire and evaluate Pharmacy knowledge from a variety of sources, e.g. lectures, directed learning work and through independent study.
- To be able to obtain and interpret Pharmacy related information obtained from published information/data.
- To be able to communicate Pharmacy knowledge in written form using the appropriate conventions of scientific writing and online quizzes.

The ability to apply this knowledge and critical understanding to...

- The course will cover some of the underpinning science of pharmacy, including fundamental pharmaceutical chemistry, pharmaceutics, pharmaceutical microbiology addressing how medicines work and how to make to make them. Some clinical skills and the changing role of the pharmacist will be addressed in areas of practice including consideration the structure of the UK healthcare system.

Competence in...

By the end of the Pharmacy Partners Summer School, you should be able to:

- 1. Evaluate Pharmacy literature

- 2. Discuss experimental/clinical procedures.
 - 3. Articulate Pharmacy hypotheses
 - 4. Measure the lung volume under physiological and pathological conditions
 - 5. Interpret findings
 - 6. Write a short reflective report
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Summer School Syllabus

DAY 1 Monday 29th June:

- Session 1 (9.00-11 am) Academic welcome talk and patient case launch
- Session 2 (11-12.00 pm) SimMan patient simulator introduction
- Session 4 (1.00-4.00 pm) Laboratory/clinical skills session
- Session 5 (4.00-5.00 pm) Pharmacy as a career lecture

DAY 2 Tuesday 30th June:

- Session 1 (9.00-12.00 pm) Laboratory/clinical skills session
- Session 2 (1.00-3.00 pm) Computational session
- Session 3 (3.00-4.00 pm) Warp up session

DAY 3 Wednesday 1st July:

- Session 1 (1.00-2.00 pm) Cell Biology (Asynchronous)
- Session 2 (2.00-3.00 pm) Pathogens and the Immune System (Asynchronous)
- Session 3 (4.00-5.00 pm) Academic open office (synchronous)
- Session 4 (3.00-4.00 pm) How Medicines Work (Asynchronous)

DAY 4 Thursday 2nd July:

- Session 1 (9.00-10.00 am) Making a Medicine (Asynchronous)
- Session 2 (10.00-11.00 am) Academic open office (synchronous)
- Session 3 (11.00-12.00 pm) Clinical Skills - Respiratory Diagnosis (Asynchronous)

DAY 5 Friday 3rd July:

- Session 1 (9.00-10.00 am) Clinical skills - choosing the right medicine (Asynchronous)
- Session 2 (10.00-11.00 am) Academic open office (synchronous)
- Session 3 (11.00-12.00 pm) Role of a Pharmacist (Asynchronous)

Activities for Personal Study

See final timetable for further information.

On-Campus Teaching:

Sunday 28th June (PM), Monday 29th & Tuesday 30th June

Online Teaching:

Wednesday 1st, Thursday 2nd & Friday 3rd (AM only) July

Formative Assessment Details

A series of formative quizzes on Canvas and performance in laboratory sessions. More details will be given during the event by your Academic Strand Lead.

Hand-in Method

Digital

Assessment deadline

Friday 10th July