



## PARTNERS ACADEMIC SUMMER SCHOOL 2025

### Syllabus for Pharmacy

#### Subject Area

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

B230 MPharm Hons Pharmacy

---

#### 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, pharmaceuticals, pharmaceutical microbiology addressing how medicines work and how 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
    6. Interpret findings
    7. Write a short reflective report
- 

## **Summer School Syllabus**

DAY 1 Monday 30th June:

Session 1 (9.00-10.30 am) \_ Academic welcome talk and patient case launch

Session 2 (10.30-12.00 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 1st July:

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 2nd 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 3th 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 4th July:

Session 1 (9.00-10.00 am) \_ Clinical skills - choosing the right medicine (Asynchronous)

---

## **Activities for Personal Study**

All material will be delivered through virtual learning environment Canvas and are available 24 hours a day. All videos, weblinks to other sites and recommended reading materials will be provided through this system for easy access.

---

**On-Campus Teaching:**

Sunday 29th June (PM), Monday 30th June & Tuesday 1st July

**Online Teaching:**

Thursday 3rd & Friday 4th July

---

**Formative Assessment Details**

A series of formative quizzes conducted each day as well as engaging in the formative and verbal feedback in the laboratory sessions.

**Hand-in Method**

Digital

**Assessment deadline**

Friday 11th July