

MANCHESTER  
1824

The University of Manchester

Faculty of Biology  
Medicine and Health

# BIOSCIENCES INTERNATIONAL SUMMER SCHOOL 2024



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# WELCOME

Dear students,

We are thrilled to welcome you to the Bio-Science International Summer School 2024 (Bio-SISS 2024), organized by the Faculty of Biology, Medicine, and Health, at the University of Manchester. This prestigious program offers a unique opportunity for undergraduate students from our partner universities to immerse themselves in the biosciences.

Bio-SISS 2024 is a 3-week summer school running from Monday 22nd July to Friday 9th August 2024. It is designed for self-motivated international students studying biological or biomedical sciences. The program aims to provide first-hand experience in cutting-edge biological and biomedical sciences within a world-class learning environment enriched with British culture.

The University of Manchester has a high international standing, with 25 Nobel Prize winners. We are ranked 6th in the UK, and 32nd (2024) in the world and perform amongst the top 2% of the QS (QS World University Rankings 2024). We are particularly proud of our strengths in the Biological Sciences and Medicine disciplines. Moreover, the University of Manchester retains the number one ranking in the UK, the number one in Europe, and second in the world for social and environmental impact.

During the 3-week summer school, students will attend science-frontiers seminars given by our world-leading experts, and various workshops, and perform experiments in our state-of-the-art teaching laboratories. Moreover, students will have opportunities to improve their English skills by attending lectures, various workshops, and practicing their presentation skills in oral and poster presentations, in an academic setting to their peers and Manchester academics.

In addition to the academic program, there will also be plenty of opportunities for social activities. These will include organised trips to local attractions including the Lake District and Liverpool, concluding with a farewell celebration.

As the University celebrates its 200 years of education and innovation, this year also marks our 6th anniversary of Bio-SISS. Building on the success of previous years, we are confident that the Bio-SISS 2024 program will be a great experience for everyone involved and will have a lasting impact on your future studies and careers.

We look forward to welcoming you to Manchester and to an enriching and memorable summer school experience!

Yours sincerely,



Dr Hui Lu  
Academic Lead of the Bio-SISS





# THE PROGRAMME

Welcome to the University of Manchester! We hope you enjoy your stay with us and get the most out of your summer school. To help you do this, we have prepared a fantastic first day focused on providing you with all the information you may need during your stay. Registration, collection of your swipe card, and welcome speeches. You should feel at home quite easily!

Every week of the summer school, we provide a Research Skill Module (RSM), led by our experienced academic staff, introducing you to important laboratory techniques used in biological and biomedical research. We also have a star lecture (weeks 2 & 3) given by our world-leading experts, and various workshops prepared for you to broaden your academic knowledge and transferable skills. Moreover, there is a group poster competition on the last day, Friday 9th August, and we hope you will have an enjoyable student-led poster group study together. You can find the detailed program for each week below.



# WEEK ONE OVERVIEW

You will be split into Group A, B and C for Research Skill Modules (RSM). When you arrive you will have access to Blackboard where you can check your detailed timetable for specific times and locations. Lunch breaks may vary depending on each day's activities.



Monday 22nd July

09:30 – 13:00 – Arrival, registration, swipe card collection and introduction talk

14:00 – 16:00 – Welcome talks (including Prof Keith Brennan, Campus Security and International Society)

16:00 – 16:30 - Introduction to Bio-SISS program and RSM Class arrangement (Bio-SISS students only)



Tuesday 23rd July

10:00– 17:00 –Research Skill Module (RSM)



Wednesday 24th July

10:00– 13:00 –Research Skill Module (RSM)

14:00-15:30 Workshop (Poster Introduction)

Please note that the poster submission deadline is week 2, Friday 2nd August! Please save your poster (in Portrait) as a PDF file, and email it (one per group) to [siss@manchester.ac.uk](mailto:siss@manchester.ac.uk) before/by the deadline.

15:00 – 17:00 – On campus welcome event



Thursday 25th July

10:00– 17:00 –Research Skill Module (RSM)



Friday 26th July

10:00– 13:00 –Research Skill Module (RSM)

14:00-17:00- Workshop (Science Communication)

# WEEK TWO OVERVIEW

You will be split into Group A, B and C for Research Skill Modules (RSM). When you arrive you will have access to Blackboard where you can check your detailed timetable for specific times and locations. Lunch breaks may vary depending on each day's activities.



Monday 29th July

10:00– 13:00 –Star Lecture & Workshops

14:00-17:00 - Research Skill Module (RSM)



Tuesday 30th July

10:00– 17:00 Research Skill Module (RSM)



Wednesday 31st July

10:00– 13:00 Research Skill Module (RSM)

The afternoon is free and for student-led poster group study. You are expected to arrange some times for your poster group study and finalise your poster this afternoon.

The poster submission deadline is Friday 2nd August! Please save your poster (in Portrait) as a PDF file, and email it to [siss@manchester.ac.uk](mailto:siss@manchester.ac.uk)



Thursday 1st August

10:00– 17:00 Research Skill Module (RSM)



Friday 2nd August

08.30-19.00 Social- The Lake District including Windermere and Keswick  
(Meet at 08.15am on Dover Street)



# WEEK THREE OVERVIEW

You will be split into Group A, B and C for Research Skill Modules (RSM). When you arrive you will have access to Blackboard where you can check your detailed timetable for specific times and locations. Lunch breaks may vary depending on each day's activities.



Monday 5th August

10:00– 13:00 –Star Lecture & Workshops

14:00-17:00 - Research Skill Module (RSM)



Tuesday 6th August

10:00– 17:00 Research Skill Module (RSM)



Wednesday 7th August

10:00– 12:00 Research Skill Module (RSM)

13.00 – 19:00 –Social - Liverpool including The Beatles Museum  
(Meet at 12.45pm on Dover Street)



Thursday 1st August

10:00– 17:00 Research Skill Module (RSM)



Friday 9th August

09:00-09:30 Collect and set up posters (Whitworth Hall)

09.30-12.00 Poster presentations (Whitworth Hall)

12.45-13.30 Closing Ceremony (Simon Theatre B)

13.30-Farewell Lunch (Whitworth Hall)



# EMERGENCY CONTACTS

## HEALTH AND SAFETY

If you require urgent medical assistance, or a crime is currently happening, you must call 999.

If the incident occurs on campus, call the University of Manchester's security team (number on the back of your student card) on 0161 306 9966 as well. The security staff will be quicker to attend to the person in danger, has received first-aid training and will be needed to arrange for the ambulance to get to the right place. Similarly, if the incident occurs in your accommodation, please inform reception so that they can help.

If you have an urgent medical concern, but do not need medical assistance, you must use 111.

If you have been a victim of a non-emergency crime that has already happened, you need to report it by calling 101. Examples of such non-emergency crimes include stolen laptops, smartphones and mobile phones, minor traffic collisions, property damage or drug dealing.

If you are feeling ill and can wait for an appointment with the GP, please do so. This will require for you to have registered with a GP prior to taking the appointment, which is why we recommend you do this as soon as possible.

## SUPPORT STAFF

If you need assistance with an issue concerning the summer school, reach out to our amazing support team by emailing [siss@manchester.ac.uk](mailto:siss@manchester.ac.uk).

This inbox is monitored between 9am-5pm.

## ACCOMMODATION

If you require any assistance regarding the accommodation, please contact:

Unsworth Park  
20 Chancellors Way  
Fallowfield  
Manchester  
M14 6FZ

Tel: +44 (0)161 306 9900

Email: [accommodation@manchester.ac.uk](mailto:accommodation@manchester.ac.uk)





# MANCHESTER CITY MAP

