

SHEFFIELD HALLAM UNIVERSITY
Summer School

Connected Minds: IoT and Artificial Intelligence for Everyday Life

29 June – 3 July 2026



The Department of Computing at Sheffield Hallam University invites undergraduate students in computing-related subjects to take part in its Summer School, running from 29 June to 3 July 2026.

This program provides a focused and hands-on learning experience in emerging computing technologies, combining essential theoretical concepts with practical application. Students will explore key areas such as the Internet of Things (IoT) and Artificial Intelligence (AI), while developing skills aligned with current industry practices. Upon successful completion, participants will receive 5 ECTS credit and an official certificate recognising their achievement.

Course Title: Connected Minds: IoT and Artificial Intelligence for Everyday Life

Course Details:

In modern society, we are increasingly connected to a wide range of smart devices that extend our capabilities and awareness. These technologies allow us to monitor and interact with our homes, vehicles, and everyday appliances remotely. At the same time, advancements in Artificial Intelligence (AI) are transforming how we engage with these systems, enabling more intelligent, responsive, and autonomous interactions.

This intensive, week-long program introduces students to the core concepts of both IoT and AI. By the end of the program, students will apply their knowledge in practice by working with real-world IoT devices and testing AI models in realistic scenarios.

The course will be delivered through a combination of lectures and interactive workshops from Monday to Friday from about 9:00 to 17:00. Each session is designed to reinforce learning through hands-on activities, giving students practical experience with the technologies and concepts covered.

Students will work in groups of 3 to 5 on a practical project. Each group will select an IoT device from a range of options provided and develop an AI-based solution to address a simulated real-world task.

The program will conclude with a showcase event, where students will present their projects and outcomes on Friday 3rd July.

Participants are expected to have basic computer skills and some prior programming experience, preferably in Python, to fully engage with the course content and practical activities.

Credits: 5 ECTS

Who can apply:

This program is open to all undergraduate students from partner universities.

Application Form:

[Sheffield Hallam University Summer School 2026 - Application Form](#)

Deadline: 10 May 2026

Fees:

Free for students from partner universities.

Travel:

There are numerous airports that international students can fly to: Manchester, East Midlands, Leeds-Bradford, Birmingham, Liverpool are all within 1-1.5 hours train travel. London is 3 hours on train.

When booking travel, ensure that you arrive in Sheffield, latest on **Sunday 28th June**.

Accommodation:

University student accommodations are not available during the international week, but low budget bed and breakfast options are available here:

[Premier Inn - Sheffield City Centre \(St Mary's Gate\) hotel](#)

[Premier Inn - Sheffield City Centre \(Angel Street\) hotel](#)

[ibis Budget Sheffield Centre St Marys Gate](#)

[Ibis Sheffield City](#)

[Travelodge Sheffield Central](#)

You can also find a list of hotels near the city centre [here](#).

Visa and vaccinations:

You must meet the UK visa and vaccinations requirements.

For more information about this event please contact Dr. Maryam Bagheri

Maryam.bagheri@shu.ac.uk