

# COURSE DETAIL

## DATA PROJECT ENGINEERING H

**Country**

United Kingdom - Scotland

**Host Institution**

University of Glasgow

**Program(s)**

University of Glasgow

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Computer Science

**UCEAP Course Number**

177

**UCEAP Course Suffix****UCEAP Official Title**

DATA PROJECT ENGINEERING H

**UCEAP Transcript Title**

DATA PROJECT ENGR

**UCEAP Quarter Units**

4.00

**UCEAP Semester Units**

2.70

## Course Description

In this course, students learn the process for how to design, build, test, deploy, maintain, and monitor scalable and robust data products using the Data Product Life Cycle (DPLC). Students gain hands-on experience working with datasets and use cases, collaborating in teams, and applying agile methodologies to deliver data products that meet the needs of real world stakeholders. The course covers the entire DPLC process, including experimentation and productization, with a focus on reliability, fault tolerance, scalability, deployment, and meeting regulatory requirements. The course prepares students for careers in data & digital technology, equipping them with the knowledge and skills required to work in cross-functional teams and navigate complex regulatory requirements.

### Language(s) of Instruction

English

### Host Institution Course Number

COMPSCI4107P

### Host Institution Course Title

DATA PROJECT ENGINEERING H

### Host Institution Course Details

<https://www.gla.ac.uk/coursecatalogue/course/?code=COMPSCI4107P>

### Host Institution Campus

### Host Institution Faculty

School of Computing Science

### Host Institution Degree

### Host Institution Department

### Course Last Reviewed

2025-2026

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