

# Civil Engineering

**Masters students available for placement  
Summer 2021 until Spring 2022  
Is your business interested in a bespoke  
Masters Student Placement?**

Heriot-Watt's School of Energy, Geoscience, Infrastructure and Society (EGIS) has recently launched an innovative two-year MSc programme. The placement element provides an opportunity for businesses of all sizes and sectors to benefit from having one of our students working in their business, across a wide variety of areas, for up to nine months.

**If you would like to benefit from an additional  
staff member then please contact:**

Karen Beattie

Industry Engagement Coordinator

► [K.Beattie@hw.ac.uk](mailto:K.Beattie@hw.ac.uk)



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FUTURE  
MADE

## What our students study:

Students studying our Civil Engineering with Industry Placement programme are equipped with broad skills and knowledge in Civil and Structural Engineering (CSE) and Construction Project Management to meet the current needs of engineering construction, particularly as we emerge and recover from the current global crisis. Courses within our programme were specifically designed to advance knowledge in modern CSE and construction management, providing our students with the key skills and knowledge required to become chartered engineers and construction managers. Students can choose to specialise in one or more main civil engineering disciplines such as structures, geotechnics and water engineering, and areas such as Sustainability for Construction Professionals.

During the placement part of the programme, you will have the opportunity to employ our students to help assist technical needs required to develop innovative designs and drive forward innovations and/or engineering practice in your company.

### Payment

The placements can be offered with or without payment to the student; placements can be paid or unpaid, part-time or full-time, we are flexible! However, we encourage Business Partners to pay our students for the work they will be undertaking, if at all possible.

No fee is payable to the University for arranging the placement, and we will provide support to the employer throughout the placement.

### Timeline

Students are available to start in Summer 2021 and are available until the end of Spring 2022 (when they will then return to full time study at Heriot-Watt University to complete their dissertation project).

### Sustainability for Construction Professionals

Advanced Design of Reinforced Concrete Structures

Environmental Geotechnics

Environmental Hydrology and Water Resources

Structural Dynamics and Earthquake Engineering

Ground Engineering

Stability and Dynamics

Structural Materials

Project Management: Theory and Practice

Value and Risk Management

Plastic Analysis of Structures

Advanced Design of Steel and Steel-Concrete Composite Structures

Foundation Engineering

Marine Wastewater Discharges

Safety, Risk and Reliability

Urban Drainage and Water Supply

Water and Wastewater Treatment

Construction Financial Management

Project Management: Strategic Issues

## For full details, contact

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