The MSc Sustainable Engineering: Architecture and Ecology aims to provide students with a critical understanding of the relationship between architecture and ecology both from a theoretical perspective through instructional modules, and in the practical demonstration of this relationship through project work at the urban laboratory, Arcosanti, Arizona, USA.

The course will provide a new pathway within the Faculty of Engineering Postgraduate Programme in Sustainable Engineering. Students will be registered within the Department of Architecture. The MSc can be awarded after one year of full-time study (September-September) and the accumulation of 180 credits. This comprises 90 credits of instructional modules, 40 credits for the sustainable engineering group project, and 60 credits for the individual project.

7 of the 8 instructional modules will be delivered during semester one on campus at the University of Strathclyde while the final module will be delivered at the beginning of semester two, by other providers from the Cosanti Foundation at Arcosanti in Arizona, USA. The delivery method for these modules will be a mix of lectures, seminars, online discussion among students and student presentations. The content and curriculum of all 7 of the instructional modules will be delivered from 4 departments (Architecture, Chemical & Process Engineering, Design, Manufacture & Engineering Management, Mechanical & Aerospace Engineering) within the Faculty of Engineering at the University of Strathclyde.

The sustainable engineering group project will be undertaken over three months at Arcosanti, Arizona during semester two (beginning of February – end of April).

The individual project will be undertaken either at Strathclyde or at Arcosanti, depending on the nature of the topic.

Applicants for the MSc course shall possess:

(i) an Honours degree (in Architecture, Engineering or related subject) of a university in the United Kingdom; or
(ii) a qualification equivalent to the above.
(iii) in all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.
(iv) be an experienced professional working in the area of study deemed equivalent to (i).

For more information and enquiries contact:

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