



Technology Innovation and Management for a Circular Economy

MSc/PgDip/PgCert

The transition towards a circular economy has been rapid over the last four years. This course provides industrial professionals who wish to develop knowledge and skills in managing the transition of their organisation towards a circular economy. It also aims to provide industrial professionals with technological knowledge; system-level understanding and personal competency to design evaluate and implement transformational solutions for the future. Our changing economy places ever-greater demands on the skills and expertise of the workforce and up-scaling of new models relies largely on the ability to equip our current and future leaders with the skills to adapt, innovate, and flourish. There will be a need for cross-curricular, multi-disciplinary working, connecting designers with engineers, material scientists, anthropologists, marketers and business students in order to harness sustainability as a transformational force.

Course structure

The course will be delivered through a combination of face-to-face and online teaching. The course will adopt a thematic approach to teaching and learning to enable cross-disciplinary learning to meet course learning objectives.

Individual project

The final individual thesis project takes up the remainder of the course. It allows students to demonstrate their ability to think and work in an original way and overcome genuine problems in design, supported by external organisations.

Group project

Group projects provide teams of students with the opportunity to take responsibility for a consultancy type project, usually with an industrial sponsor.

Future career

This course will equip professionals with the ability to manage the implementation of transformational circular innovation within their own organisation. We have been providing Masters level training for over 20 years. Our strong reputation and links with potential employers provide you with outstanding opportunities to secure interesting jobs and develop successful careers. The increasing interest in the circular economy has also enhanced the career prospects of our graduates. Our careers team support you while you are studying and following graduation with workshops, careers fairs, vacancy information and one-to-one support.

Example modules

The course comprises two assessed modules, a group project and an individual research project.

Compulsory

- Understand and Analyse the Circular Economy,
- Innovate Evaluate and Manage the Circular Economy.

Duration:

MSc: Part-time - up to three years; PgDip: Parttime - two years; PgCert: Part-time - two years.

Start date:

October.

Location:

Cranfield Campus/Online **Entry requirements** A first or second class UK Honours degree (or equivalent) in a related science or engineering discipline. Other recognised professional qualifications or several years relevant industrial experience may be accepted as equivalent; subject to approval by the Course Director.

ATAS Certificate

Students requiring a visa to study in the UK may need to apply for an ATAS certificate to study this course.

Contact details

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For further information please visit

www.cranfield.ac.uk/courses/taught/technology-innovation-and-management-for-a-circular-economy