Developed in close collaboration with the marine accident investigation community, this course offers a unique combination of research based learning and learning from real-world experiences, ensuring that students gain the skills and knowledge from the best of both academia and industry. The course is primarily aimed at those involved, or about to become involved, in marine accident investigation and other safety related industries. The course is suitable for those with a technical or operational background in marine or safety engineering and management, accident investigators, and those employed by national investigation agencies, operator, regulators, and manufacturers. The structure of this course has been developed in close collaboration with the marine accident investigation community and with the endorsement of the Cranfield Safety and Accident Investigation Centre's Industrial Advisory Board. Students can then specialise in particular areas of investigation such as core skills, management, engineering, human factors and specialist techniques through the choice of modules.

Course structure
The full MSc course is completed over three years and consists of compulsory modules, Elective modules and an individual project.

Individual project
During year three, you will undertake a supervised research project on a subject of your choice within the rail accident investigation field. You will be given a briefing and must demonstrate competency in hypothesis formation, literature review, methodology, analysis, conclusion forming and presentation. You will also be asked to give a formal oral presentation on your research findings.

Future career
This course allows students to receive an internationally recognised qualification in the field of marine accident investigation. It is expected that the majority of students will join this course with the intention of receiving a qualification that will allow them to further their career development in accident investigation or other safety related areas of the marine transport industry.

Example modules
Upon completion of the core modules, you can specialise in particular areas of investigation.

Compulsory:
• Fundamentals of Investigation,
• Applied Marine Accident Investigation.

Duration:
PgCert: Part-time - one year.

Start date:
January or May.

Location:
Cranfield Campus.

Entry requirements:
The course is primarily aimed at those involved in marine accident investigation and other safety related industries. Applicants should have a good UK Honours degree (or equivalent) in any discipline, or a recognised lower qualification plus relevant work experience in marine safety related areas.

Applicants who do not fulfil the standard entry requirements can apply for the Pre-master’s in Engineering programme, successful completion of which will qualify them for entry to this course for a second year of study.

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/safety-and-accident-investigation-marine-transport