

## Advanced Mechanical Engineering

University of Aberdeen

### Venues

Old Aberdeen Campus

### Content

MSc Advance Mechanical Engineering is the latest addition to the university's world-class suite of engineering programmes; opening up a broader range of career opportunities in many areas of Mechanical Engineering.

The programme will provide graduate engineers with an in-depth technical understanding of advanced mechanical topics, particularly in the area of computational mechanics, mechanical response of engineering materials and reliability engineering.

It will enhance the skills of experienced engineers who have been already working in industry and equip graduates with transferable skills required for demanding employment.

The programme emphasises the application of computational techniques and packages to solve complex engineering problems. This will be accomplished by core courses. Since the new MSc programme involves a broad range of applications in Mechanical Engineering, students tailor the programme to their future goals and preferences through their individual project and by choosing two of five optional courses.

### Start Date

September, January

### Qualification

Postgraduate Master's

### Study Method

Full time

### Award Title

MSc

### Course Length

12 months

### Faculty

Physical Science

## Department

Engineering

## Entry Requirements

A 2:1 (upper second class) UK Honours degree in Mechanical/Civil/Materials/Chemical/Aerospace Engineering. Those with a 2:2 Honours degree in Mechanical/Civil/Materials/Chemical/Aerospace Engineering may also be considered if they can demonstrate 2+ years of relevant experience.

Key subjects you must have covered: Mathematics and mechanical subjects.

## SCQF Level

11

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

King's College  
Aberdeen  
Aberdeen City  
AB24 3FX

## Website

[www.abdn.ac.uk](http://www.abdn.ac.uk)