

# Addendum to the Programme Specification

## 3781 MEng Acoustical Engineering

This Addendum has been produced to highlight the key changes made to the existing Programme Specification as a result of the University's response to the Covid-19 Pandemic. You should read it in conjunction with the relevant Programme Specification from the year you started your programme.

[Programme Specification for entry in 2020-21](#)

[Programme Specification for entry in 2019-20](#)

[Programme Specification for entry in 2018-19](#)

[Programme Specification for entry in 2017-18](#)

## University level information

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In view of COVID-19, the University has had to make changes to some elements of programme delivery for 2020-21. These changes have included the method of delivery, such as face-to-face and online, and the number of modules available.

The University aims to provide as much of a face-to-face component to your education as prevailing conditions at the time allow, combined with its new blended approach that will develop active independent and group online learning.

As the COVID-19 pandemic develops, the University's response to this and other issues may likewise need to evolve. The University will consult with student representatives as necessary and appropriate and will communicate changes to you as soon as practicable so that you have the information you need to understand how a change may impact you and what steps you need to take next. The University remains committed to supporting you as you learn.

## Programme Information

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In light of Covid-19, there will be a change to how some group work tasks will be organised. Group practical teaching and assessment of practical skills remains a mandatory part of the programme but will be offered in line with current social distancing and local and national guidelines. Where written examinations are unable to take place due to social distancing guidelines, an alternative form of assessment will be offered in 2020-21. There may also be restrictions on visiting lectures and industrial visits.

## Programme Structure

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Where optional modules have been specified, the following is an indicative list of available optional modules, which are subject to change each academic year. Please note that, in some instances, modules have limited spaces available.

<b>Programme:</b>	MEng Acoustical Engineering - 3781
<b>Term:</b>	2020-2021 Academic Session (202021)
<b>Area title:</b>	3781-1 - MEng Acoustical Eng Part 1

Compulsory Modules

You must complete the following modules:

Module	Module Title	Credit	Core?	Semester/Term
<a href="#">FEEG 1001</a>	Design and Computing	30	Yes	Full Academic Year
<a href="#">FEEG 1002</a>	Mech, Structures & Materials	30	Yes	Full Academic Year
<a href="#">FEEG 1003</a>	ThermoFluids	15	Yes	Full Academic Year
<a href="#">FEEG 1004</a>	Elec and Electronic Syst	15	Yes	Full Academic Year
<a href="#">FEEG 1010</a>	Laboratory Report	0	Yes	Full Academic Year
<a href="#">FEEG 1020</a>	Technical Essay	0	Yes	Full Academic Year
<a href="#">FEEG 1030</a>	Assessment in Design	0	Yes	Full Academic Year
<a href="#">FEEG 1040</a>	Multiple Choice Exam Eng Fund	0	Yes	Full Academic Year
<a href="#">FEEG 1050</a>	Long Answer Exam: Eng ProbSolv	0	Yes	Full Academic Year
<a href="#">FEEG 1200</a>	Induction for Engineers	0	No	Semester 1
<a href="#">ISVR 1032</a>	Acoustics 1	15	Yes	Full Academic Year
<a href="#">ISVR 1200</a>	Induction for Acoustical Eng	0	No	Semester 1
<a href="#">MATH 1054</a>	Maths for Eng & Environment	15	Yes	Full Academic Year
<a href="#">MATH 1061</a>	Engineering Maths Workshop	0	No	Full Academic Year

Optional Modules

You must choose from the following modules:

Module	Credit	Semester/Term
No optional modules in this Part		

<b>Programme:</b>	MEng Acoustical Engineering - 3781
<b>Term:</b>	2020-2021 Academic Session (202021)
<b>Area title:</b>	3781-2 - MEng Acoustical Eng Part 2

Compulsory Modules

You must complete the following modules:

Module	Module Title	Credit	Core?	Semester/Term
<a href="#">FEEG 2001</a>	Systems Design and Computing	15	No	Full Academic Year
<a href="#">FEEG 2002</a>	Mechanics Machines & Vibration	15	No	Semester 2
<a href="#">FEEG 2003</a>	Fluid Mechanics	15	No	Semester 2
<a href="#">FEEG 2004</a>	Electronics, Drives & Control	15	No	Semester 1
<a href="#">FEEG 2006</a>	Engineering Management & Law	15	No	Full Academic Year
<a href="#">ISVR 2041</a>	Audio and Signal Processing	15	No	Semester 1
<a href="#">ISVR 2042</a>	Acoustics II	15	No	Semester 2
<a href="#">ISVR 2043</a>	Employability Programme	0	No	Full Academic Year
<a href="#">MATH 2048</a>	Maths for Eng & the Enviro II	15	No	Semester 1

#### Optional Modules

You must choose from the following modules:

Module	Credit	Semester/Term
No optional modules in this Part		

<b>Programme:</b>	MEng Acoustical Engineering - 3781
<b>Term:</b>	2020-2021 Academic Session (202021)
<b>Area title:</b>	3781-3 - MEng Acoustical Eng Part 3

#### Compulsory Modules

You must complete the following modules:

Module	Module Title	Credit	Core?	Semester/Term
<a href="#">FEEG 3003</a>	Individual Project	30	Yes	Full Academic Year
<a href="#">ISVR 3059</a>	Acoustical Engineering Design	15	No	Semester 1
<a href="#">ISVR 3061</a>	Human Response Sound/Vibrat	15	No	Semester 2
<a href="#">ISVR 3064</a>	Noise Control Engineering	15	No	Semester 1

Optional Modules

You must choose from the following modules:

Module		Credit	Semester/Term
Rule OPTIONAL	<p><b>Select 3 Modules</b></p> <p><b>Select 3 modules from the following:</b></p> <p><b>You may select no more than 2 level 7 modules.</b></p>		
Rule 1.1	<p><b>Group 1</b></p> <p><b>Select 1 module from the following:</b></p>		
<a href="#">FEEG 3001</a>	Finite Element Analysis in Solid Mechanics	15	Semester 1
<a href="#">FEEG 3004</a>	Human Factors in Engineering	15	Semester 1
<a href="#">ISVR 3070</a>	Ocean Acoustics & Biomedical Ultrasound	15	Semester 1
<a href="#">ISVR 6130</a>	Signal Processing	15	Semester 1
<a href="#">ISVR 6137</a>	Electroacoustics	15	Semester 1
<a href="#">SESM 3030</a>	Control and Instrumentation	15	Semester 1
<a href="#">SESM 3031</a>	Automobile Systems	15	Semester 1
Rule 1.2	<p><b>Group 2</b></p> <p><b>Select 2 modules from the following:</b></p> <p><b>You may select ISVR3073 or ISVR6148 but not both.</b></p>		
<a href="#">FEEG 3002</a>	Vehicle Powertrain, Noise and Vibration	15	Semester 2
<a href="#">FEEG 6004</a>	Aeroacoustics	15	Semester 2
<a href="#">FEEG 6011</a>	Architectural and Building Acoustics	15	Semester 2

<a href="#">ISVR 3073</a>	Theoretical and Computational Acoustics	15	Semester 2
<a href="#">ISVR 6138</a>	Biomedical Application of Signal and Image Processing	15	Semester 2
<a href="#">ISVR 6139</a>	Active Control of Sound and Vibration	15	Semester 2
<a href="#">ISVR 6148</a>	Theoretical and Computational Acoustics	15	Semester 2

<b>Programme:</b>	MEng Acoustical Engineering - 3781
<b>Term:</b>	2020-2021 Academic Session (202021)
<b>Area title:</b>	3781-4 - MEng Acoustical Eng Part 4

Compulsory Modules

You must complete the following modules:

Module	Module Title	Credit	Core?	Semester/Term
<a href="#">FEEG 6013</a>	Group Design Project	45	Yes	Full Academic Year
<a href="#">ISVR 6147</a>	Prof Aspects of Engineering	15	No	Semester 2

Optional Modules

You must choose from the following modules:

Module		Credit	Semester/Term
Rule OPTIONAL	<p><b>Select 4 modules</b></p> <p><b>You may not select more than 2 level 6 modules</b></p> <p><b>Do not select modules for which you have already obtained credit</b></p>		
Rule 1.1	<p><b>Group 1</b></p> <p><b>Select 1-3 modules from the following:</b></p>		
<a href="#">ISVR 3070</a>	Ocean Acoustics & Biomedical Ultrasound	15	Semester 1

<a href="#">ISVR 6130</a>	Signal Processing	15	Semester 1
<a href="#">ISVR 6137</a>	Electroacoustics	15	Semester 1
Rule 1.2	<p><b>Group 2</b></p> <p><b>Select 1-2 modules from the following:</b></p> <p><b>If you have not taken ISVR3073 or ISVR6148 previously you may select one of these modules but not both.</b></p>		
<a href="#">FEEG 3002</a>	Vehicle Powertrain, Noise and Vibration	15	Semester 2
<a href="#">FEEG 6004</a>	Aeroacoustics	15	Semester 2
<a href="#">FEEG 6011</a>	Architectural and Building Acoustics	15	Semester 2
<a href="#">ISVR 3073</a>	Theoretical and Computational Acoustics	15	Semester 2
<a href="#">ISVR 6138</a>	Biomedical Application of Signal and Image Processing	15	Semester 2
<a href="#">ISVR 6139</a>	Active Control of Sound and Vibration	15	Semester 2
<a href="#">ISVR 6148</a>	Theoretical and Computational Acoustics	15	Semester 2
Rule 1.3	<p><b>Group 3</b></p> <p><b>Select 0-2 modules from the following:</b></p>		
<a href="#">FEEG 3001</a>	Finite Element Analysis in Solid Mechanics	15	Semester 1
<a href="#">FEEG 3004</a>	Human Factors in Engineering	15	Semester 1
<a href="#">SESM 3030</a>	Control and Instrumentation	15	Semester 1
<a href="#">SESM 3031</a>	Automobile Systems	15	Semester 1