

# Addendum to the Programme Specification

## 3893 MSc Space Systems 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](#)

## 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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We are planning to deliver the Programme content as per the Programme Specification, but please be aware that any laboratory-based work is dependent on individual labs being approved for use following University Risk Assessment procedures. If laboratory exercises are not possible physically, they will be replaced with virtual laboratories to meet the module and programme learning outcomes.

## 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>	MSc Space Systems Engineering - 3893
<b>Term:</b>	2020-2021 Academic Session (202021)
<b>Area title:</b>	3893-1 - MSc Space System Eng Part 1

### Compulsory Modules

You must complete the following modules:

Module	Module Title	Credit	Core?	Semester/Term
<a href="#">FEEG 6012</a>	MSc Research Project	60	Yes	Non-Standard
<a href="#">FEEG 6200</a>	Induction for Engineers	0	No	Semester 1
<a href="#">SESA 3039</a>	Advanced Astronautics	15	No	Semester 1
<a href="#">SESA 6059</a>	Spacecraft Structural Design	15	No	Semester 1
<a href="#">SESA 6071</a>	Spacecraft Propulsion	15	No	Semester 1
<a href="#">SESA 6076</a>	Spacecraft Orbital Mechanics	15	No	Semester 2
<a href="#">SESA 6079</a>	Space Systems Engineering	15	No	Semester 1
<a href="#">SESA 6080</a>	Concurrent Engineering Design	15	No	Semester 2
<a href="#">SESA 6081</a>	Spacecraft Instrumentation	15	No	Semester 2

Optional Modules

You must choose from the following modules:

Module		Credit	Semester/Term
Rule PT1 R1	<b>Select one module</b>		
<a href="#">FEEG 6005</a>	Applications of CFD	15	Semester 1
<a href="#">FEEG 6007</a>	Principles of Photovoltaics, Fuel Cells and Batteries	15	Semester 1
<a href="#">SESA 3038</a>	Space Environment	15	Semester 2
<a href="#">SESA 6061</a>	Turbulence	15	Semester 1
<a href="#">SESA 6074</a>	Hypersonic & High Temperature Gas Dynamics	15	Semester 2

**Programme:** MSc Space Systems Engineering - 3893

**Term:** 2020-2021 Academic Session (202021)

**Area title:** 3893-2 - MSc Space System Eng Part 2

Compulsory Modules

You must complete the following modules:

Module	Module Title	Credit	Core?	Semester/Term
<a href="#">FEEG 6012</a>	MSc Research Project	60	Yes	Non-Standard

Optional Modules

You must choose from the following modules:

Module	Credit	Semester/Term
No optional modules in this Part		