

Programme Structure and Timetable



The programme is delivered over block taught weeks, meaning you will engage with all of the learning and teaching within one week (typically Monday - Friday 09:00-18:00). You will then have around seven weeks to submit any associated coursework (exams take during the University's main examination periods at the end of each Semester in January and May).

The table to the right lists the modules that comprise the programme. You can use the links in the table for detailed module information.

The Systems Engineering Programme consists of 105 credits of compulsory modules and 75 credits of optional modules over 3 years.

Optional modules must be chosen as follows:

- **15 or 30 Credits from Group A**
- **30 - 60 Credits from Group B**
- **No more than 15 Credits from Group C in place of one module from Group B**

*Students must select at least one module from WSP068/WSP768 or WSP074/WSP774. Students are permitted to register for both modules.

Semester	Week	Start	Finish	Module Code	Module Title	Credits	Module type	Group
1	2	10/10/2022	14/10/2022	WSP762	Applied Systems Thinking	15	Compulsory	-
1	2	10/10/2022	14/10/2022	WSP769	Innovation Entrepreneurship in Engineering	15	Optional	B
1	2	10/10/2022	14/10/2022	WSP006	Digital Signal Processing	15	Optional	C
1	4	24/10/2022	28/10/2022	WSP768	Mechatronic System Design *	15	Optional	A
1	4	24/10/2022	28/10/2022	WSP409	Engineering for Sustainable Development	15	Optional	C
1	4	24/10/2022	28/10/2022	WSP009	Communication Networks	15	Optional	C
1	6	07/11/2022	11/11/2022	WSP772	Systems Architecture	15	Compulsory	-
1	6	07/11/2022	11/11/2022	WSP637	Additive Manufacturing	15	Optional	C
1	6	07/11/2022	11/11/2022	WSP331	Computer Aided Engineering	15	Optional	C
1	8	21/11/2022	19/11/2022	WSP600	Manufacturing Processes and Automation	15	Optional	A
1	10	06/12/2022	10/12/2022	WSP415	Engineering Design Methods	15	Optional	C
1	10	06/12/2022	10/12/2022	WSP066	Systems Design	15	Optional	B
2	1	06/02/2023	10/02/2023	WSP762	Applied Systems Thinking - February Cohort	15	Compulsory	-
2	1	06/02/2023	10/02/2023	WSP771	Holistic Engineering	15	Optional	B
2	3	20/02/2023	24/02/2023	WSP776	Modelling Simulation and Visualization	15	Optional	B
2	5	06/03/2023	10/03/2023	WSP767	Validation and Verification	15	Optional	B
2	5	06/03/2023	10/03/2023	WSP016	Telecommunications Network Security	15	Optional	C
2	7	20/03/2023	24/03/2023	WSP774	Machine Learning - Principles and Applications for Engineers*	15	Optional	A
2	8	24/04/2023	28/05/2023	WSP760	Engineering and Management and Capability	15	Optional	B
2	8	24/04/2023	28/05/2023	WSP233	Lean and Agile Manufacture	15	Optional	C
2	10	08/05/2023	12/05/2023	WSP785	Group Systems Project (Year 2)	15	Compulsory	-
Year 3 - Semester 1-3				WSP765	Individual Project	60	Compulsory	-