

1. Students need to complete at least 20 cu of level 3 and above courses in the major.
2. Students are strongly advised to follow the proper progression of course level (e.g. level 1 before level 2, and level 2 before level 3 courses).

COMPULSORY - 80 cu													
Code	Name	Credit Units	Jan 23	Jul 23	Jan 24	Jul 24	Last Presentation	Time Table	Pre-requisite	Excluded Combination	Grouping	Remarks	Lab*
BME102	Essentials of Bioelectronics	5	Y	Y	Y	Y	2026/07	CRN01-WEDNESDAY WEEK 1					LAB
BME107e	Anatomy and Physiology	5	Y	N	Y	N	2027/07	CRN01-TUESDAY WEEK 1			BME108	Recommended to take with BME108 in the same semester	LAB
BME108e	Physiology and Infectious Diseases	5	Y	N	Y	N	2026/07	CRN01-THURSDAY WEEK 2			BME107	Recommended to take with BME107 in the same semester	LAB
BME109e	Introduction to Chemistry and Biochemistry	5	N	Y	N	Y	2026/07	CRN01-TUESDAY WEEK 1		BME103, BME104			LAB
BME201e	Biomedical Ethics	5	N	Y	N	Y	2026/07	CRN01-MONDAY WEEK 1					NON-LAB
BME203	Biomedical Informatics	5	Y	N	Y	N	2026/07	CRN01-WEDNESDAY WEEK 2					NON-LAB
BME205	Fundamentals of Bioengineering	5	N	Y	N	Y	2026/07	CRN01-FRIDAY WEEK 1					LAB

Code	Name	Credit Units	Jan 23	Jul 23	Jan 24	Jul 24	Last Presentation	Time Table	Pre-requisite	Excluded Combination	Grouping	Remarks	Lab*
BME211	Applied Biomechanics	5	Y	N	Y	N	2026/07	CRN01-THURSDAY WEEK 1	BME205				LAB
BME213e	Biomaterials	5	Y	N	Y	N	2026/07	CRN01-MONDAY WEEK 1					LAB
BME311	Biomedical Sensors and Measurements	5	N	Y	N	Y	2026/07	CRN01-MONDAY WEEK 1	BME102			Recommended to take with BME312 in the same semester	LAB
BME312	Biomedical Instrumentation and Systems	5	N	Y	N	Y	2026/07	CRN01-THURSDAY WEEK 2	BME102			Recommended to take with BME311 in the same semester	LAB
BME313	Biomedical Devices	5	Y	N	Y	N	2026/07	CRN01-MONDAY WEEK 2	BME107, BME108			Knowledge of BME213 is assumed. Recommended to take with BME315 in the same semester.	LAB
BME315	Rehabilitative and Assistive Engineering	5	Y	N	Y	N	2027/07	CRN01-FRIDAY WEEK 1	BME107, BME108			Knowledge in BME211 is assumed. Recommended to take with BME313 in the same semester	LAB

Code	Name	Credit Units	Jan 23	Jul 23	Jan 24	Jul 24	Last Presentation	Time Table	Pre-requisite	Excluded Combination	Grouping	Remarks	Lab*
BME499	Capstone Biomedical Engineering Project	10	Y	Y	Y	Y	2025/07	CRN01-SATURDAY WEEK 0	Must complete 105 cu (excluding UCORE)			Compulsory for Hons. Runs over 2 semesters.	LAB
MTH220	Statistical Methods and Inference	5	Y	Y	Y	Y	2028/07	CRN01-THURSDAY WEEK 2 CRN02-THURSDAY WEEK 2					NON-LAB
ELECTIVE - 20 cu													
Students to complete 20 CU of elective													
Code	Name	Credit Units	Jan 23	Jul 23	Jan 24	Jul 24	Last Presentation	Time Table	Pre-requisite	Excluded Combination	Grouping	Remarks	Lab*
BME215e	Clinical Trials	5	N	Y	N	Y	2026/07	CRN01-WEDNESDAY WEEK 2					NON-LAB
BME217e	Healthcare Standards and Regulations	5	N	Y	N	Y	2028/07	CRN01-THURSDAY WEEK 2					NON-LAB
BME219	Healthcare Administration	5	N	Y	N	Y	2026/07	CRN01-THURSDAY WEEK 1					NON-LAB
BME302	Advanced Biomechanics and Modelling	5	Y	N	Y	N	2026/07	CRN01-MONDAY WEEK 2	BME205			Knowledge of BME211 is assumed	LAB
BME304e	Advanced Biomaterials	5	Y	N	Y	N	2026/07	CRN01-THURSDAY WEEK 2	BME205			Knowledge of BME213 is assumed	LAB
BME352e	Cardiovascular Bioengineering	5	Y	N	Y	N	2026/07	CRN01-TUESDAY WEEK 1	BME205 & (BME107,BME108)				LAB

Code	Name	Credit Units	Jan 23	Jul 23	Jan 24	Jul 24	Last Presentation	Time Table	Pre-requisite	Excluded Combination	Grouping	Remarks	Lab*
BME355	Genomic Sequence Analysis	5	N	Y	N	Y	2027/07	CRN01-MONDAY WEEK 1	BME109			Recommended to take with BME356 in the same semester	NON-LAB
BME356e	Functional Genomics	5	N	Y	N	Y	2028/07	CRN01-MONDAY WEEK 2	BME109			Recommended to take with BME355 in the same semester	NON-LAB
BME357	Advanced Biomedical Instrumentation	5	Y	N	Y	N	2026/07	CRN01-TUESDAY WEEK 2	(BME311, BME312)				LAB
BME358	Medical Imaging	5	N	Y	N	Y	2024/07	CRN01-WEDNESDAY WEEK 2	(BME107, BME108)			Recommended to take with BME359 in the same semester	LAB
BME359	Visualization and Image Analysis	5	N	Y	N	Y	2026/07	CRN01-FRIDAY WEEK 1	(BME107, BME108)			Recommended to take with BME358 in the same semester	LAB
BME363e	Applications of Artificial Intelligence in Healthcare	5	N	Y	N	Y	2026/07	CRN01-TUESDAY WEEK 1				Fully online course with 2 hrs virtual office hours weekly	NON-LAB
MTD315	Computer Interactive Graphics	5	Y	N	Y	N		CRN01-MONDAY WEEK 1					NON-LAB

Code	Name	Credit Units	Jan 23	Jul 23	Jan 24	Jul 24	Last Presentation	Time Table	Pre-requisite	Excluded Combination	Grouping	Remarks	Lab*
MTD369	Virtual Reality and Augmented Reality	5	Y	N	Y	N	2027/07	CRN01-MONDAY WEEK 2				MTD369 is a level 3 course with coding, students are highly recommended to have basic programming experience before commencing on this course.	LAB
MTH320	Mathematical Methods II	5	N	N	Y	N	2028/07	CRN01-FRIDAY WEEK 2 CRN02-FRIDAY WEEK 2	MTH215 or MTH319				NON-LAB
FREE ELECTIVE - Min 10 cu, max 40 cu													
Code	Name	Credit Units	Jan 23	Jul 23	Jan 24	Jul 24	Last Presentation	Time Table	Pre-requisite	Excluded Combination	Grouping	Remarks	Lab*
GSP100	General/Free Electives	-	Y	Y	Y	Y	2027/07						LAB

* Students will be required to attend classes on day of presentation as well as on weekends or all classes may be on weekends.

University Core - SUSS Core Table (2023/07 Intakes onwards)

SUSS CORE COMPULSORY - 15 cu

Code	Name	Credit Units	Jan 23	Jul 23	Jan 24	Jul 24	Last Presentation	Time Table	Remarks
NCO101	Living with Community	5	N	Y	Y	Y	2028/07	CRN01-TUESDAY WEEK 1 CRN02-TUESDAY WEEK 1 CRN03-TUESDAY WEEK 1 CRN03-WEDNESDAY WEEK 1 CRN04-TUESDAY WEEK 1 CRN04-WEDNESDAY WEEK 1 CRN05-TUESDAY WEEK 1 CRN05-THURSDAY WEEK 1 CRN06-TUESDAY WEEK 1 CRN06-THURSDAY WEEK 1	
NCO201	Learn to Learn. Learn for Life	5	N	Y	Y	Y	2028/07	CRN01-MONDAY WEEK 1 CRN02-THURSDAY WEEK 1 CRN03-FRIDAY WEEK 1 CRN04-MONDAY WEEK 1 CRN05-THURSDAY WEEK 1 CRN06-FRIDAY WEEK 1	
NIE201	Interdisciplinary Processes for a Better World	5	N	N	Y	Y			Programme(s) to include this course: SUSS Core Compulsory

SUSS CORE ELECTIVES (ENGAGEMENT) - 10 cu

Code	Name	Credit Units	Jan 23	Jul 23	Jan 24	Jul 24	Last Presentation	Time Table	Remarks
NIE351	Interdisciplinary Global Learning	5	N	Y	Y	Y	2028/07		Programme(s) to include this course: SUSS Core Compulsory, SUSS Core Electives and Unrestricted Electives
NIE352	Interdisciplinary Problem-Solving for Impact	5	N	N	N	Y			Programme(s) to include this course: SUSS Core Electives
SST101e	Principles of Project Management	5	Y	Y	Y	Y	2028/07	CRN01-TUESDAY WEEK 1 CRN02-THURSDAY WEEK 1	

SUSS CORE ELECTIVES (PEOPLE) - 5 cu

Code	Name	Credit Units	Jan 23	Jul 23	Jan 24	Jul 24	Last Presentation	Time Table	Remarks
NCO111	Work and Learning in a Changing World	2.5	N	Y	Y	Y	2028/07	CRN01-MONDAY WEEK 1 CRN02-TUESDAY WEEK 1 CRN03-THURSDAY WEEK 1 CRN04-FRIDAY WEEK 1 CRN05-TUESDAY WEEK 7 CRN06-THURSDAY WEEK 7 CRN07-FRIDAY WEEK 7 CRN08-SATURDAY WEEK 7	

Code	Name	Credit Units	Jan 23	Jul 23	Jan 24	Jul 24	Last Presentation	Time Table	Remarks
NCO112	Peak Performance	2.5	N	Y	Y	Y	2028/07	CRN01-MONDAY WEEK 1 CRN02-TUESDAY WEEK 1 CRN03-THURSDAY WEEK 1 CRN04-FRIDAY WEEK 1 CRN05-SATURDAY WEEK 1 CRN06-TUESDAY WEEK 7 CRN07-THURSDAY WEEK 7 CRN08-FRIDAY WEEK 7	
NCO113	Teamwork in the Modern Workplace	2.5	N	Y	Y	Y	2028/07	CRN01-TUESDAY WEEK 1 CRN02-THURSDAY WEEK 1 CRN03-FRIDAY WEEK 1 CRN04-MONDAY WEEK 7 CRN05-TUESDAY WEEK 7 CRN06-THURSDAY WEEK 7 CRN07-FRIDAY WEEK 7 CRN08-SATURDAY WEEK 7	

Code	Name	Credit Units	Jan 23	Jul 23	Jan 24	Jul 24	Last Presentation	Time Table	Remarks
NCO205	User-Centred Design: Human Factors and Design Thinking	5	N	N	Y	Y	2028/07	CRN01-MONDAY WEEK 1 CRN02-TUESDAY WEEK 1 CRN03-THURSDAY WEEK 1 CRN04-FRIDAY WEEK 1 CRN05-SATURDAY WEEK 1	

Retired/Replaced List

Code	Name	Credit Units	Status	Effective From Semester	Remarks
OEL302	Overseas Experiential Learning (Shanghai/Hangzhou)	5	Retired	2023/07	