

Suggested Study Path for MSHSM 2023-2024 (1 Year Full-time)*

Updated as of
22 November 2023

Study Plan A - for those who would like to take BMS5006 (Research Project Study)

Year	Sem.	Courses				CU's
1	A	BMS8105 Biotherapy and Nanomedicine (3 CUs)	BMS5007 Pharmacology Principles in Drug Discovery and Development (3 CUs)	BMS8102 Frontiers in Biomedical Research (2 CUs)	BMS5006 Research Project Study in Biomedical Sciences and Life Sciences (8 CUs)	16
	B	BMS5001A Common Diseases and Management (2 CUs)	BMS5008 Fundamental and Advanced Multi-omics Research (3 CUs)	MS5411 Healthcare Management (3 CUs)	Elective from BIOS/BMS/MS/SYE Department (6 CUs)	14
Total:						30 CUs

Study Plan B

Year	Sem.	Courses				CU's
1	A	BMS8105 Biotherapy and Nanomedicine (3 CUs)	BMS5007 Pharmacology Principles in Drug Discovery and Development (3 CUs)	BMS8102 Frontiers in Biomedical Research (2 CUs)	Elective from BIOS/BMS/MS/SYE Department (6 CUs)	14
	B	BMS5001A Common Diseases and Management (2 CUs)	BMS5008 Fundamental and Advanced Multi-omics Research (3 CUs)	MS5411 Healthcare Management (3 CUs)	Elective from BIOS/BMS/MS/SYE Department (8 CUs)	16
Total:						30 CUs

Elective courses in Semester A:

- BIOS5800 Probability (3 CUs)
- BIOS5801 Statistical Computing (3 CUs)
- BMS5002 Infectious Disease Management (3 CUs)
- BMS5004 Project Study in Management (5 CUs)
- BMS5006 Research Project Study in Biomedical Sciences and Life (8 CUs)
- BMS8106 Stem Cell and Regeneration Medicine (3 CUs)
- BMS8110 Genomics and Bioinformatics (3 CUs)
- MS5216 Decision Analytics (3 CUs)
- MS5217 Statistical Data Analysis (3 CUs)
- SYE5006 Operations Management (3 CUs)
- SYE5010 Engineering Management Principles and Concepts (3 CUs)

Elective courses in Semester B:

- BIOS6900 Time Series Analysis (3 CUs)
- BMS5004 Project Study in Management (5 CUs)
- BMS5006 Research Project Study in Biomedical Sciences and Life (8 CUs)
- BMS8107 Cancer Biology and Precision Medicine (3 CUs)
- BMS8107A Cancer Biology and Precision Medicine (2 CUs)
- BMS8111 Immunology and Infectious Diseases (3 CUs)
- BMS8111A Immunology and Infectious Diseases (2 CUs)
- SYE 6009 Project Management (3 CUs)
- SYE6012 Technological Innovation and Entrepreneurship (3 CUs)
- SYE6037 Managing Strategic Quality (3 CUs)

Remarks: For Full-time Student only

* BMS5004 Project Study in Management and BMS5006 Research Project Study in Biomedical Sciences and Life will normally last for a maximum of two semesters to complete in Semester A and Semester B OR Semester B and Summer Term.

Notes:

- Elective courses will be offered subject to sufficient enrolment.
- Courses offered by different departments might have timetable conflicts, please plan ahead for the courses to register.