

Suggested Study Path for MSHSM 2024-2025

(Research Training Stream)

Students can specialize in one of the two streams (Management Training Stream or Research Training Stream) by completing the required courses prescribed by the stream.

Programme Core Courses for All Streams (18 credit units, choose 6 core courses out of the 7 courses)

Course code	Course Title	Credit Units	Offering Semester
BMS5001	Common Diseases and Genomic Medicine	3	B
BMS5002	Infectious Disease Management	3	A
BMS5007	Pharmacology Principles in Drug Discovery and Development	3	A
BMS5008	Fundamental and Advanced Multi-omics Research	3	B
BMS5009	Ageing and the Science of Human Longevity	3	B
BMS5010	Artificial Intelligence in Health Science Research and Management	3	B
BMS5011	Wearable technologies and Health Science Research	3	A

Research Training Stream

A) Major Elective Course – Compulsory (9 credit units)

Course code	Course Title	Credit Units	Offering Semester
BMS5100	Research Project Study in Biomedical Sciences, Life Sciences and Relevant Disciplines	9	A + B or B + Summer

B) Stream Elective Courses (3 credit units, choose from the list of elective courses for Research Training Stream below)

Course code	Course Title	Credit Units	Offering Semester
BIOS5801	Statistical Computing <i>(Maximum: 5 quotas)</i>	3	A
BMS8103	Cell and Molecular Biology Research	3	A
BMS8105	Biotherapy and Nanomedicine	3	A
BMS8106	Stem Cell and Regeneration Medicine	3	A
BMS8107	Cancer Biology and Precision Medicine	3	B
BMS8110	Genomics and Bioinformatics	3	A

	<i>(not open for students who have taken BMS5008 already)</i>		
BMS8111	Immunology and Infectious Diseases <i>(not open for students who have taken BMS5002 already)</i>	3	B