

Suggested Study Path for MSHSB 2026-2027

(Biomedicine Research Training Stream)

Students can specialize in one of the two streams (Health Sciences Training Stream or Biomedicine 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 8 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	A
BMS5011	Wearable technologies and Digital Medicine	3	A
BMS5012	Nutrition Science and Stress Management	3	B

Biomedicine Research Training Stream

a) 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	One Semester/Term (Semester A/B or Summer Term) or Two Semesters/Term (Semester A & B OR Semester B & Summer Term)

b) Elective Courses (3 credit units), choose from the list of Courses for Biomedicine Research Training Stream in the table below:

Course Code	Course Title	Credit Units	Offering Semester
BIOS5801	Statistical Computing <i>(Maximum: 5 quotas)</i>	3	A
BMS5013	Storytelling of Health Science Data with Analysis and Visualization	3	B
BMS8103	Cell and Molecular Biology Research	3	A
BMS8105	Biotherapy and Nanomedicine	3	A
BMS8106	Stem Cell and Regenerative Medicine	3	A
BMS8107	Cancer Biology and Precision Medicine	3	B
BMS8110	Genomics and Bioinformatics	3	A
BMS8111	Immunology and Infectious Diseases	3	B
BMS8112	Viruses, Immunity and Ageing	3	A
BMS8113	Advanced Biomedical Materials and Devices	3	A