

**Master's Programme in Translational Medicine: Preliminary teaching programme for academic year 2024 - 25**

Code and name	ECTS credits	Teaching period	Mode of teaching	Methods of completion	Language of instruction	For exchange students	Open University	Available for non-TRANSMED students
TMED-001 Personal Study Plan	0	Orientation week and 1	Blended	Lectures, study guidance sessions, completion of PSP	English	No	No	No
TMED-021 Research Proposal Examination	5	Individual timing	-	Hypothetical grant application, oral defence	English	No	No	No
TMED-023 Epidemiology - Basic concepts and practical analyses	5	2	Contact	Lectures, assignment, presentation, discussions	English	YES	No	YES
TMED-024 Translational Flow Cytometry	2	4	Contact	Laboratory work, lectures and exam	English	No	No	No
TMED-031 Traineeship 1	5	Individual timing	-	Internship outside UH, plan and report	English	No	No	No
TMED-032 Traineeship 2	5	Individual timing	-	Internship inside or outside UH, plan and report	English	No	No	No
TMED-101 Research Proposal Examination (Cancer)	5	Individual timing	-	Hypothetical grant application, oral defence	English	No	No	No
TMED-103 Cancer from Biology to Research	5	3	Contact	Lectures, group work, feedback session and exam	English	YES	No	YES
TMED-104 Book Examination (Cancer)	8	Individual timing	-	Independent learning, examinarium exam	English	No	No	No
TMED-105A Pathologic Basis of Disease	3	2	Contact	Lectures, seminars, demos and exam	English	No	No	No
TMED-105B Pathologic Basis of Disease	1	2	Contact	Lectures, seminars and learning diary	English	YES	No	YES
TMED-106 Novel applications in Precision Medicine	2	2	Contact	Lectures, group work and exam	English	YES	No	YES
TMED-201 Research Proposal Examination (Regenerative medicine)	5	Individual timing	-	Hypothetical grant application, oral defence	English	No	No	No
TMED-202 Regenerative Medicine from Bench to Bedside	5	4 and May	Blended	Lectures, team-based learning, visits, demos, exam	English	YES	No	YES
TMED-204 Book Examination (Regenerative Medicine)	5-10	Individual timing	-	Independent learning, examinarium exam	English	No	No	No
TMED-301 Research Proposal Examination (Metabolic disorders)	5	Individual timing	-	Hypothetical grant application, oral defence	English	No	No	No
TMED-303 Metabolic Disorders from Aetiology to Therapy	5	3	Contact	Lectures, group work and presentation, learning diary	English	YES	No	YES
TMED-401 Research Proposal Examination (Neuroscience and Psychobiology)	5	Individual timing	-	Hypothetical grant application, oral defence	English	No	No	No
TMED-406 Translational Psychiatry	5	4	Blended	Lectures and interactive sessions, assignments, group work, examinarium exam	English	No	No	MNeuro
TMED-407 Recent Advances in Neuroscience and Psychobiology	2	Individual timing	-	Independent learning, examinarium exam	English	No	No	No
TMED-501 Research Proposal Examination (Cross-disciplinary)	5	Individual timing	-	Hypothetical grant application, oral defence	English	No	No	No
TMED-503 Infection biology	5	May	Contact	Lectures, seminars and presentation, exam	English	YES	No	YES
TMED-601 HealthTech Linkage	10	3 - 4	Contact	Lectures, group work projects, visits, pithcing	English	No	No	YES
TMED-602 BioMed Based Business	3	1	Distance	Lectures, individual and group assignments.	English	No	No	YES
TMED-602 BioMed Based Business	3	2	Distance	Lectures, individual and group assignments.	English	No	No	YES
TMED-901 Career Development	3	1	Contact	Interactive sessions, assignments, seminars	English	No	No	MNeuro, MPharm
TMED-902 Human Anatomy and Physiology I	5	1	Contact	Team-based learning, excercises, exam	English	No	No	No
TMED-903 Human Anatomy and Physiology II	5	2	Contact	Team-based learning, excercises, exam	English	No	No	No
TMED-904 ABCs of Medical Genetics	3	1	Contact	Lectures, assignments, group poster presentation	English	YES	No	YES
TMED-907 Laboratory Medicine and Molecular Diagnostics	3	4	Contact	Lectures, practical excercises, exam	English	YES	No	YES
TMED-915 Introduction to Bioinformatics	5	3	Contact	Lectures, assignments, programming sessions, exam	English	YES	No	YES
TMED-917 Introduction to Systems Biology	5	4	Contact	Lectures, weekly exercises, project work	English	YES	No	YES
TMED-921 Book Exam Alberts, Essential Cell Biology	6	Individual timing	-	Examinarium exam	English	No	No	No
TMED-926 Reading and Popularising Translational Research	2	1 - 2	Contact	Assignments, seminars and collaborative writing	English	No	No	No
TMED-927A NG and single-cell sequencing technologies in biomedicine	5	4	Contact	Lectures, group work, presentation, exam	English	YES	No	YES
TMED-927B NG and single-cell sequencing technologies lab course	1	4	Contact	Hands-on practicals and lectures, learning diary	English	No	No	No
TMED-929A Drug Discovery & Development with a Focus on Personalization and Biologics	2	2	Blended	Lectures, assignments, group work and presentation	English	Yes	No	YES
TMED-929B Drug Discovery & Development with a Focus on Personalization and Biologics	1	2	Blended	Lectures, assignments, group work and presentation	English	YES	No	YES
TMED-932 Basic Pharmacology and Toxicology	3	2	Blended	Seminars, assignments and exam	English	No	No	No
TMED-992 Advanced Research Methods	10	Individual timing	-	Research group internship and report	English	No	No	No
TMED-993 Clinical Rounds	3	1 - 4	Contact	Shadowing in HUS, learning diary, presentation, exam	English	No	No	No
TMED-993X Clinical Cases	3	1 - 4	Contact	Essay, presentation, assingment and exam	English	No	No	No
TMED-994 Translational Medicine Thesis Seminars	2	1 - 4	Contact	Seminars, presentations and being an opponent	English	No	No	No