

Master's Programme in Translational Medicine: Preliminary teaching programme for academic year 2026-2027

Code	Course name	Cr	Teaching period	Type of teaching	Methods of completion	Language of instruction	Open for exchange students	Open University teaching	Open to students of other degree programs
TMED-001	Personal Study Plan	0	Orientation week, 1	Blended teaching	Lectures, group and individual study guidance, completion of PSP	English	No	No	No
TMED-021	Research Proposal Examination	5	Periods 1,2,3,4	Independent project	Written research proposal of own design and presentation	English	No	No	No
TMED-023	Epidemiology - Basic concepts and practical analyses	5	2	Contact teaching	Flipped classroom lectures, assignment, presentation, discussions	English	YES	No	YES
TMED-024	Translational Flow Cytometry	2	4	Contact teaching	Laboratory work, lectures and assignments	English	No	No	No
TMED-031	Traineeship 1	5	Anytime		Traineeship in industry, public sector or in non-academic research, report	English	No	No	No
TMED-032	Traineeship 2	5	Anytime		Traineeship in industry, public sector or in academic research, report	English	No	No	No
TMED-103	Cancer from Biology to Research	5	3	Contact teaching	Lectures, group work, feedback session and exam	English	YES	No	YES
TMED-104	Book Examination (Cancer)	8	Periods 1,2,3,4	Independent studying	Textbook, examinarium exam	English	TRANSMED and MD only	No	No
TMED-105	Pathologic Basis of Disease	5	2	Contact teaching	Lectures, group assignments, case studies, demos and excursion, exam	English	No	No	YES
TMED-106	Novel applications in Precision Medicine	2	2	Contact teaching	Lectures, group work and exam	English	YES	No	YES
TMED-205	Environmental Epigenetics Across Human Life Course	5	4	Contact teaching	Lectures, assignments, presentation and group work	English	YES	No	YES
TMED-303	Metabolic Disorders from Aetiology to Therapy	5	3	Contact teaching	Lectures, interactive seminars and own presentation, learning diary	English	YES	No	YES
TMED-406	Translational Psychiatry	5	4	Contact teaching	Lectures, assignments, group work and exam	English	No	No	MNEURO
TMED-407	Recent Advances in Neuroscience and Psychobiology	2	Periods 1,2,3,4	Independent studying	On-line materials, examinarium exam	English	No	No	No
TMED-503	Infection biology	5	May	Contact teaching	Lectures, seminar and own presentation, exam	English	YES	No	YES
TMED-601	HealthTech Linkage	10	Periods 3 - 4	Contact teaching	Lectures and assignments, project work, excursions, group presentation	English	No	No	YES
TMED-602	BioMed Based Business	3	1, 2 (two implementations)	Distance teaching	On-line course. Lectures, individual and group assignments.	English	No	No	YES
TMED-603	Pre-SPARK Health Concept Discovery Program	5	Periods 1-2	Blended teaching	Lectures	English	No	No	YES
TMED-604	Helsinki Pre-incubator Programmes	5			Completion of Helsinki Pre-Incubator courses	English	No	No	No
TMED-901	Career Development	3	2	Contact teaching	Interactive sessions, assignments, seminar and café	English	No	No	MNEURO and MPHARM
TMED-902	Human Anatomy and Physiology I	5	1	Contact teaching	Team-based learning, exercises, exam	English	No	No	No
TMED-903	Human Anatomy and Physiology II	5	2	Contact teaching	Team-based learning, exercises, exam	English	No	No	No
TMED-904	ABCs of Medical Genetics	3	1	Contact teaching	Lectures, assignments, group work and poster presentation	English	No	No	YES
TMED-907	Laboratory Medicine and Molecular Diagnostics	3	4	Contact teaching	Lectures, TBL with patient cases, practical exercises, demo, exam	English	No	No	YES
TMED-915	Introduction to Bioinformatics	5	3	Contact teaching	Lectures, home assignments, programming sessions, exam	English	YES	No	YES
TMED-919	Internship	5	Anytime		Internship, report	English	No	No	No
TMED-921	Book Exam Alberts, Essential Cell Biology	6	Periods 1,2,3,4	Independent studying	Textbook, examinarium exam	English	No	No	No
TMED-922	Presentation in Scientific Meeting	2			Oral or poster presentation in scientific seminar	English	No	No	No
TMED-927	Genomics and Single-Cell Approaches in Biomedicine	5	4	Contact teaching	Lectures, group work presentation, assignments, exam	English	YES	No	YES
TMED-928	Basic Pharmacology	2	1	Contact teaching	Team-based learning, assignments and exam	English	No	No	No
TMED-933	Advanced Drug Development	2	3	Contact teaching	Lectures, team-based learning, visits, assignments, learning diary	English	YES	No	YES
TMED-992	Advanced Research Methods	10	Anytime		Research group internship and report	English	No	No	No
TMED-993	Clinical Rounds	3	Periods 1,2,3,4	Contact teaching	Clinical shadowing in hospital, learning diary, presentation, exam	English	No	No	No
TMED-993X	Clinical Cases	3	Periods 1,2,3,5	Contact teaching	Assignments, oral presentation, exam	English	No	No	No
TMED-996	Thesis Seminar, Translational Medicine, PART A	2	Periods 1-2	Contact teaching	Assignments, seminars and workshops	English	No	No	No
TMED-996	Thesis Seminar, Translational Medicine, PART B	1	Periods 1,2,3,4	Contact teaching	Presentation seminar attendance and acting as an opponent	English	No	No	No
TMED-996	Thesis Seminar, Translational Medicine, PART C	1	1	Contact teaching	Attendance to Terkko seminars, research plan and supervision agreement	English	No	No	No
TMED-996	Thesis Seminar, Translational Medicine, PART D	1	Periods 1,2,3,4	Contact teaching	Presentations of thesis plan and results	English	No	No	No
MPHARM-004	Research Ethics	1	2,4 (two implementations)		Contact sessions and on-line assignments	English		No	
Courses NOT arranged in 2026-2027									
TMED-916	Imaging in Science and Medicine	5	Period 3, even years	Contact teaching		English	No	No	YES