

TRANSMED CURRICULUM EQUIVALENCE TABLE 2026-2030 vs. 2023-26 vs 2020-23

Code	Curriculum 2026-30	Cr	Code	Curriculum 2023-26	Cr	Code	Curriculum 2020-23	Cr
LSI6003	Introduction to Systems Biology	5	TMED-917	Introduction to Systems Biology	5			
TMED-105	Pathologic Basis of Disease	5	TMED-105A	Pathologic Basis of Disease	3			
TMED-105	Pathologic Basis of Disease	5	TMED-105B	Pathologic Basis of Disease	1			
TMED-927	Genomics and Single-Cell Approaches in Biomedicine	5	TMED-927A	Next-generation Sequencing and Single-cell Technologies in Biomedicine	5			
TMED-919	Internship	5	TMED-924	Internship Abroad	5			
TMED-922	Presentation in Scientific Meeting	2	TMED-922	Participation and Presentation in Scientific Meeting	1-5cr			
TMED-996	Thesis Seminar, Translational Medicine, PART A	2	TMED-926	Reading and Popularising Translational Research	2	TMED-926	Reading and Writing High Impact Translational Medicine	2
TMED-996	Thesis Seminar, Translational Medicine, PART B	1	TMED-994	Translational Medicine Thesis Seminar, attendance	1			
TMED-996	Thesis Seminar, Translational Medicine, PART C	1		No equivalences				
TMED-996	Thesis Seminar, Translational Medicine, PART D	1	TMED-994	Translational Medicine Thesis Seminar, presentations	1			
TMED-928	Basic Pharmacology	2	TMED-932	Basic Pharmacology and Toxicology	3	TMED-928	Basic Pharmacology	2
			TMED-023	Epidemiology - Basic concepts and practical analyses	2-5cr	TMED-906	Epidemiology	2
			TMED-001	Personal Study Plan	0	TMED-1	Personal Study Plan	0
			TMED-929	Drug Discovery & Development with a Focus on Biologics (offered in two implementations of different scope)	2	TMED-929A	Drug Discovery & Development with a Focus on Biologics	2
					1	TMED-929B	Drug Discovery & Development with a Focus on Biologics	1
			TMED-032	Traineeship 2	5	TMED-919	Internship	5
			TMED-031	Traineeship 1	5	TMED-919	Internship; can be used if completed outside university	5
			TMED-032	Traineeship 2	5	TMED-992	Advanced Research Methods if completed outside of university; if done in academia, 5 cr can be used for crediting Traineeship 2 + and 5 credits TMED-919 /TMED-924 Internship in study track Health Industry and Innovations of the 23-26 curriculum	10
			TMED-032	Traineeship 1	5			
			TMED-993	Clinical Rounds	3			
			TMED-993X	Clinical Cases	3			
			MPHARM-004	Research ethics, online course	1	Health-146	Research Ethics for Health Scientists	1
			MPHARM-004	Research ethics, online course	1	PHD-401	Research ethics, online course	1
			TMED-021	Research Proposal Exam	5	TMED-101	Research Proposal Exam (Cancer)	5
			TMED-021	Research Proposal Exam	5	TMED-201	Research Proposal Exam (Regenerative Medicine)	5
			TMED-021	Research Proposal Exam	5	TMED-301	Research Proposal Exam (Metabolic Disorders)	5
			TMED-021	Research Proposal Exam	5	TMED-401	Research Proposal Exam (Neuroscience and Psychobiology)	5
			TMED-021	Research Proposal Exam	5	TMED-501	Research Proposal Exam (Cross-disciplinary Translational Medicine)	5
			TMED-407	Recent advances in neuroscience or psychobiology	2	TMED-402	Neuroscience and Psychobiology Journal Club	2

MODULE 2026-2030

<b>TMED-011 Mechanisms of Human Disease</b>	<b>min. 10</b>
TMED-103 Cancer from Biology to Research	5cr
TMED-105 Pathologic Basis of Disease	5cr
TMED-205 Environmental Epigenetics Across Human Life Course	5cr
TMED-303 Metabolic Disorders from Aetiology to Therapy	5cr
TMED-406 Translational Psychiatry	5cr
TMED-407 Recent advances in Neuroscience and Psychobiology	2cr
TMED-503 Infection Biology	5cr
NEU-521 Basic mechanisms of nervous system diseases	1-5cr

MODULE 2023-2026

<b>TMED-011 Mechanisms of Human Disease</b>	<b>min. 10</b>
TMED-103 Cancer From Biology to Research	5
TMED-105 Pathologic Basis of Disease	1 or 3
TMED-202 Regenerative Medicine: From Bench to Bedside	5
TMED-303 Metabolic Disorders: From Aetiology to Therapy	5
TMED-406 Translational Psychiatry	5
TMED-503 Infection Biology	5
NEU-521 Basic Mechanisms of Nervous System Disorders	1 or 5

MODULE 2020-2023

<b>Mechanisms of Human Disease</b>	
TMED-103 Cancer From Biology to Research	5
TMED-105 Pathologic Basis of Disease	1 or 3
TMED-202 Regenerative Medicine: From Bench to Bedside	5
TMED-303 Metabolic Disorders: From Aetiology to Therapy	5
TMED-406 Translational Psychiatry	5
TMED-503 Infection Biology	5
NEU-521 Basic Mechanisms of Nervous System Disorders	1 or 5
TMED-402 Neuroscience and Psychobiology Journal Club	2
TMED-407 Recent advances in neuroscience or psychobiology	2

**TRANSMED CURRICULUM EQUIVALENCE TABLE 2026-2030 vs. 2023-26, Alternatives and Optionals**

Curriculum 2026-30		Curriculum 2023-26	
<b>Alternative Studies in Translational Research</b>		min. 10 cr	
TMED-021 Research Proposal Examination	5cr	TMED-021 Research Proposal Examination	5cr
TMED-022 Imaging in Science and Medicine	5cr	TMED-022 Imaging in Science and Medicine	5cr
TMED-023 Epidemiology – Basic concepts and practical analyses	5cr	TMED-023 Epidemiology – Basic concepts and practical analyses	5cr
TMED-024 Translational Flow Cytometry	2cr	TMED-024 Translational Flow Cytometry	2cr
TMED-106 Novel applications for precision medicine	2cr	TMED-917 Introduction to Systems Biology	5cr
TMED-927 Genomics and Single-Cell Approaches in Biomedicine	5cr	TMED-927A Next-generation Sequencing and Single-cell Technologies in Biomedicine	5cr
TMED-933 Advanced Drug Development	2cr	TMED-927B Next-generation Sequencing and Single-cell Technologies Lab Course	1cr
NEU-603 Laboratory animal science	1–5cr	NEU-603 Laboratory animal science	1–5cr
NEU-415 Creative scientific thinking	5cr	NEU-416 Creative scientific project	2–5cr
LSI6003 Introduction to Systems Biology	5cr	NEU-415 Creative scientific thinking	5cr
LSI36002 Systems medicine seminar	5cr	LSI36002 Systems medicine seminar	5cr
LSI36001 Clinical data mining	5cr	LSI36001 Clinical data mining	5cr
<b>Recommended Optional Studies in Translational Research</b>			
TMED-602 BioMed Based Business	3cr	TMED-106 Novel applications for precision medicine	2cr
TMED-603 Pre-SPARK Health Concept Discovery Program*	5cr	TMED-204 Book Examination (Regenerative Medicine)	5–10cr
TMED-604 Helsinki Pre-incubator and Terkko Health Hub Programmes	1–5cr	TMED-603 Pre-SPARK Health Concept Discovery Program*	5cr
TMED-919 Internship	5cr	TMED-604 Helsinki Pre-incubator and Terkko Health Hub Programmes	1–5cr
TMED-921 Book Exam: Alberts, Essential Cell Biology	6cr	TMED-921 Book Exam: Alberts, Essential Cell Biology	6cr
TMED-922 Presentation in Scientific Meeting	2cr	TMED-922 Participation and Presentation in Scientific Meeting	1–5cr
TMED-925 Interdisciplinary Project Work	15cr	TMED-925 Interdisciplinary Project Work	1–15cr
PSYM-542 Behavioural genetics	5cr	TMED-929 Drug Discovery & Development with a Focus on Biologics	1–2cr
PSYK-415 Neuroplasticity and learning mechanisms in health and disease	5cr	PSYM-542 Behavioural Genetics	5cr
PROV-503 Selected topics in clinical pharmacology	5cr	PSYK-415 Neuroplasticity and learning mechanisms in health and disease	5cr
NEU-561 Principles of bioscience omics	10 cr	PROV-503 Selected topics in clinical pharmacology	5cr
NEU-531 Developmental neuroscience	5cr	NEU-531 Developmental neuroscience	5cr
NEU-511 Systems and Cognitive Neuroscience	5cr	NEU-511 Systems and Cognitive Neuroscience	5cr
NEU-416 Creative scientific project	2–5cr	MED-MOOC85 Rethinking health	2cr
NEU-251 Molecular Nutrition	5cr	GMB-305 Stem cells and organogenesis	5cr
NEU-207 Regulatory Networks in Metabolism	5		
MED-MOOC85 Rethinking health	2cr		
MED-MOOC75 PlanetaryHealth.now	3cr		
GMB-305 Stem cells and organogenesis	5cr		

**TRANSMED CURRICULUM EQUIVALENCE TABLE 2026-2030 vs. 2023-26, Alternatives and Optionals**

Curriculum 2026-30	
<b>Alternative Studies in Health Industry and Innovations</b>	min 10cr
TMED-106 Novel applications for precision medicine	2cr
TMED-601 HealthTech Linkage	10cr
TMED-602 BioMed Based Business	3cr
TMED-603 Pre-SPARK Health Concept Discovery Program*	5cr
TMED-604 Helsinki Pre-incubator and Terkko Health Hub Programmes	1–5cr
TMED-925 Interdisciplinary Project Work	15cr
TMED-933 Advanced Drug Development	2cr
MPHARM-015 Introduction to pharmacoepidemiology and pharmacovigilance	5cr
MED-MOOC85 Rethinking health	2cr
PROV-214 Clinical trials and clinical pharmacology	5cr
PROV-503 Selected topics in clinical pharmacology	5cr
PROV-910 Marketing authorisation for medicinal product and pharmacovigilance	5cr

Curriculum 2023-26	
<b>Electives in Health Industry and Innovations</b>	min 10cr
TMED-601 HealthTech Linkage	10cr
TMED-106 Novel applications for precision medicine	2cr
TMED-602 BioMed Based Business	3cr
TMED-603 Pre-SPARK Health Concept Discovery Program*	5cr
TMED-604 Helsinki Pre-incubator and Terkko Health Hub Programmes	1–5cr
TMED-925 Interdisciplinary Project Work	1–15cr
TMED-929 Drug Discovery & Development with a Focus on Biologics	1–2cr
PROV-910 Marketing authorisation for medicinal product and pharmacovigilance	5cr
PROV-503 Selected topics in clinical pharmacology	5cr
PROV-214 Basics of Clinical Trial Research	5cr
NEU-415 Creative scientific thinking	5cr
MPHARM-015 Introduction to pharmacoepidemiology and pharmacovigilance	5cr
MED-MOOC85 Rethinking health	2cr

Recommended Optional Studies in Health Industry and Innovations	
TMED-023 Epidemiology – Basic concepts and practical analyses	5cr
TMED-919 Internship	5cr
TMED-921 Book Exam: Alberts, Essential Cell Biology	6cr
TMED-922 Presentation in Scientific Meeting	2cr
TMED-927 Genomics and Single-Cell Approaches in Biomedicine	5cr
PSYM-542 Behavioural genetics	5cr
PSYK-415 Neuroplasticity and learning mechanisms in health and disease	5cr
NEU-603 Laboratory animal science	1–5cr
NEU-531 Developmental neuroscience	5cr
NEU-511 Systems and Cognitive Neuroscience	5cr
NEU-416 Creative scientific project	2–5cr
NEU-415 Creative scientific thinking	5cr
NEU-251 Molecular Nutrition	5cr
NEU-207 Regulatory Networks in Metabolism	5
MED-MOOC75 PlanetaryHealth.now	3cr
LSI6003 Introduction to Systems Biology	5cr
LSI36002 Systems medicine seminar	5cr
LSI36001 Clinical data mining	5cr
GMB-305 Stem cells and organogenesis	5cr

Optional Courses in Health Industry and Innovations	
TMED-023 Epidemiology – Basic concepts and practical analyses	5cr
TMED-204 Book Examination (Regenerative Medicine)	5–10cr
TMED-921 Book Exam: Alberts, Essential Cell Biology	6cr
TMED-922 Participation and Presentation in Scientific Meeting	1–5cr
TMED-927A Next-generation Sequencing and Single-cell Technologies in Biomedicine	5cr
PSYM-542 Behavioural Genetics	5cr
PSYK-415 Neuroplasticity and learning mechanisms in health and disease	5cr
NEU-603 Laboratory animal science	1–5cr
NEU-531 Developmental neuroscience	5cr
NEU-511 Systems and Cognitive Neuroscience	5cr
NEU-416 Creative scientific project	2–5cr
NEU-415 Creative scientific thinking	5cr
LSI36002 Systems medicine seminar	5cr
LSI36001 Clinical data mining	5cr
GMB-305 Stem cells and organogenesis	5cr

\*same as MPHARM-019 Pre-SPARK Health Concept Discovery Program (5 op)

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