

Preliminary teaching programme in GMB for academic year 2025-2026								
Code	Implementation name, group number, or theme	Scope (cr)	Period	Languages of instruction	Mode of teaching	Quota for open university studies	Open to exchange students	Open to students of other degree programmes
GMB-001	Principles of genetics and molecular biosciences	14 cr	1.	fi, en	contact teaching		no	no
GMB-003A	Internship period 1	5 cr	1.-4.	fi en	Independent Project		yes	no
GMB-003B	Internship period 2	5 cr	1.-4.	fi en	Independent Project		yes	no
GMB-005	Research project	10 cr	1.-4.	fi en	Independent Project		yes	no
GMB-006	Book exam	5 cr	1.-4.	fi sv eng	Exam in Examinarium		yes	yes
GMB-006	Book exam	5-10 cr	1.-4.	Fi en	Exam	20	yes	yes
GMB-007	Elective Book exam	5 cr	1.-4.	fi sve eng	Exam in Examinarium		yes	yes
GMB-008	Research project in biochemistry/structural biology	10 cr	1.-4.	English	contact teaching		yes	yes
GMB-010	Master's Thesis	30 cr	1.-4.	Eng, Fi, Swe	contact teaching		no	no
GMB-013	Teaching practice	1 - 5 cr	1.-4.	fi en	Independent Project		no	no
GMB-014	Project work	5 - 15 cr	1.-4.	fi en	Independent Project		no	no
GMB-016	Participation in scientific meetings and seminars	1 - 3 cr	1.-4.	fi en	Independent Project		yes	no
GMB-019	Master's thesis seminar and Symposium	3 cr	2, 3, 4, May intensive	English	includes both contact and distance teaching (aka. blended teaching)		no	no
GMB-021	Career Planning and Professional Development	5 cr	1.	English	contact teaching		no	no
GMB-101	Enzymes, lectures	3 cr	1.-4.	English	online teaching (not time-bound)		yes	yes
GMB-101	Enzymes, lectures and laboratory work	3 - 5 cr	4.	English	contact teaching (plus prior on-		yes	yes

					line course in Moodle)			
GMB-105	Introduction to structural biology and biophysics	5 cr	2.	English	includes both contact and distance teaching (aka. blended teaching)		yes	yes
GMB-106	Protein Structure, Function and Folding	5 cr	4.	English	contact teaching		yes	yes
GMB-107	Chemical Biology	5 cr	4.	English	contact teaching		yes	yes
GMB-108	Advanced intensive course in Protein Characterization and Crystallization	3 cr	2.	English	contact teaching		yes	yes
GMB-202	Essentials of gene regulation & epigenetics	5 cr	3.	English, Finnish	contact teaching		yes	yes
GMB-203	RNA-seq data analysis	5 cr	4.	English	contact teaching		yes	yes
GMB-204	Population genetics and genomics	5 cr	2.	English	contact teaching		yes	yes
GMB-207	New experimental approaches in genetic and genomics	5 cr	1.	English	contact teaching		yes	yes
GMB-208	Human and cancer genetics	5 cr	3.	fi sv eng	contact teaching		yes	yes
GMB-209	Practical training in human genetics	5 cr	4.	fi sv eng	contact teaching		no	no
GMB-301	Advanced Cell Biology, lectures	3 cr	3.	fi en	contact teaching		yes	yes
GMB-301	Advanced Cell Biology, lectures and journal club	5 cr	3.	fi en	contact teaching		yes	yes
GMB-302	Methods in cell biology	5 cr	2.	English	contact teaching		yes	yes
GMB-304	Methods in functional genetics and development	5 cr	3.	English	contact teaching		yes	yes
GMB-305	Stem cells and organogenesis	5 cr	3.	English	contact teaching		yes	yes
GMB-306	Seminar in cell and developmental biology	5 cr	2.	English	contact teaching		yes	yes
GMB-401A	Integrative Health Biosciences A	10 cr	2.-3.	English	contact teaching		no	no
GMB-401B	Integrative Health Biosciences B	5 cr	2.-3.	English	contact teaching		yes	yes
GMB-901	Introduction to Research Career	2 cr	4.	English	contact teaching		yes	yes
GMB-902	HiLIFE Research Project	13 cr	4.	English	contact teaching		no	no