

Preliminary teaching programme for academic year 2026-27

Code	Course unit name	Scope (cr)	Period	Languages	Mode of teaching / Method of completion	Open university studies	Open to exchange students	Open to other degree programmes	Additional information on target groups
LSI30009	Master's thesis seminar in Life Science Informatics	5 cr	1.-2. period	English	contact teaching	Teaching is only for degree students.	yes	yes	Seminar is suitable also for PhD students studying related topics
LSI31007	Algorithms in genome analysis	5 cr	3. period	English	including both contact and distance teaching	Teaching is only for degree students.	yes	yes	-
LSI31008	Elements of bioinformatics	5 cr	1.-2. period	English	including both contact and distance teaching	Teaching is only for degree students.	yes	yes	The course is suitable also to BSc Science, and BSc Computer Science students
LSI33002	Evolution and the theory of games I	5 cr	1. period	English	contact teaching	Teaching is only for degree students.	yes	yes	-
LSI33006	Introduction to mathematical ecology I	5 cr	1. period	English	contact teaching	The teaching is both for degree students and open university studies.	yes	yes	-
LSI33007	Introduction to mathematical ecology II	5 cr	2. period	English	contact teaching	Teaching is only for degree students.	yes	yes	-
LSI33008	Evolution and the theory of games II	5 cr	2. period	English	contact teaching	Teaching is only for degree students.	yes	yes	-
LSI34001	Topics in biostatistics	5 cr	1. period	English	contact teaching	Teaching is only for degree students.	yes	yes	-
LSI34002	Genome-wide association studies	5 cr	4. period	English	contact teaching	Teaching is only for degree students.	yes	yes	-
LSI34005	Statistical epidemiology	5 cr	3. period	English	contact teaching	Teaching is only for degree students.	yes	yes	-
LSI34008	Experimental and monitoring design in ecology	5 cr	3. period	English	contact teaching	Teaching is only for degree students.	yes	yes	-
LSI34010	Introduction to spatial statistics	5 cr	4. period	English	contact teaching	Teaching is only for degree students.	yes	yes	-
LSI35002	Bayesian Data Analysis	5 cr	2. period	English	contact teaching	The teaching is both for degree students and open university studies.	yes	yes	-
LSI36001	Clinical data mining	5 cr	2. period	English	contact teaching	The teaching is both for degree students and open university studies.	yes	yes	-
LSI6003	Introduction to Systems Biology	5 cr	4. period	English	contact teaching	The teaching is both for degree students and open university studies.	yes	yes	Suitable for LSI students who are interested in math modeling in medicine.