

Preliminary teaching programme for academic year 2026-27

Code	Course unit name	Scope (cr)	Period	Languages	Form of teaching / Method of completion	Open university studies	Open to exchange students	Open to other degree programmes
MAST32004	Advanced Bayesian inference	5 cr	4. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST30301	Algebra IIa	5 cr	1. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST30302	Algebra IIb	5 cr	2. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST31402	Bayesian inversion	5 cr	4. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST30156	Bifurcation theory (independent project)	5 cr	entire year	en	exam at a time agreed with teacher	Course unit is only for degree students.	yes	no
MAST30154	Career seminar in insurance mathematics	5 cr	3.-4. period	en - Completely in English (or multilingual)	contact teaching	Course unit is both for degree students and open university studies.	yes	no
MAST30155	Case studies in insurance mathematics	5 cr	entire year	en	exam at a time agreed with teacher	Course unit is only for degree students.	yes	no
MAST30155	Case studies in insurance mathematics	5 cr	1.-2. period	en - Completely in English (or multilingual)	contact teaching	Course unit is both for degree students and open university studies.	yes	no
MAST30157	Case studies in mathematics and statistics	5 cr	1.-2. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST30152	Complex analysis II	5 cr	4. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST30146	Computational methods I	5 cr	3. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST32001	Computational statistics	5 cr	1. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST31807	Financial economics I	5 cr	1. period	en - Completely in English (or multilingual)	contact teaching	Course unit is both for degree students and open university studies.	yes	yes
MAST31808	Financial economics II	5 cr	2. period	en - Completely in English (or multilingual)	contact teaching	Course unit is both for degree students and open university studies.	yes	yes
MAST30213	Finite model theory I	5 cr	1. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST30214	Finite model theory II	5 cr	2. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST30129	Fourier analysis and distributions	5 cr	3. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST30170	Functional analysis I	5 cr	1. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST30171	Functional analysis II	5 cr	2. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST31014	Harmonic analysis I	5 cr	3. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST31901	History of mathematics	5 cr	3.-4. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST32015	History of statistics	5 cr	1.-4. period	en - Completely in English (or multilingual)	online teaching (not time-bound)	Course unit is only for degree students.	yes	yes
MAST30309	Introduction to differential geometry	5 cr	3. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST33023	Introduction to dimension reduction	5 cr	3. period	en - Completely in English (or multilingual)	including both contact and distance teaching (aka. blended teaching)	Course unit is only for degree students.	yes	yes
MAST30174	Introduction to Fourier analysis	5 cr	2. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST30130	Introduction to mathematical physics A	5 cr	3. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST30131	Introduction to mathematical physics B	5 cr	4. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST30310	Introduction to Riemannian geometry	5 cr	4. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST31401	Inverse problems I: convolution and deconvolution	5 cr	1. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST31406	Inverse problems II: tomography and regularization	5 cr	2. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST31405	Inverse problems project work	5 cr	3.-4. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST31911	Life insurance mathematics I	5 cr	3. period	en - Completely in English (or multilingual)	contact teaching	Course unit is both for degree students and open university studies.	yes	yes
MAST31912	Life insurance mathematics II	5 cr	4. period	en - Completely in English (or multilingual)	contact teaching	Course unit is both for degree students and open university studies.	yes	yes
MAST30011	Master's seminar I - period I	2 cr	1. period	en - Completely in English (or multilingual)	contact teaching	Course unit is both for degree students and open university studies.	no	no

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MAST30011	Master's seminar I - period III	2 cr	3. period	en - Completely in English (or multilingual)	contact teaching	Course unit is both for degree students and open university studies.	no	no
MAST30012	Master's seminar II - period II	3 cr	2. period	en - Completely in English (or multilingual)	contact teaching	Course unit is both for degree students and open university studies.	no	no
MAST30012	Master's seminar II - period IV	3 cr	4. period	en - Completely in English (or multilingual)	contact teaching	Course unit is both for degree students and open university studies.	no	no
MAST32018	Mathematical and statistical theory of causality	5 cr	an intensive period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST31801	Mathematical finance I	5 cr	3. period	en - Completely in English (or multilingual)	contact teaching	Course unit is both for degree students and open university studies.	yes	yes
MAST31805	Mathematical finance II	5 cr	4. period	en - Completely in English (or multilingual)	contact teaching	Course unit is both for degree students and open university studies.	yes	yes
MAST30201	Mathematical logic I	5 cr	1. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST30202	Mathematical logic II	5 cr	2. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST30101	Measure and integral	5 cr	1. period	en - Completely in English (or multilingual)	contact teaching	Course unit is both for degree students and open university studies.	yes	yes
MAST31051	Measure, probability, and real analysis	5 cr	2. period	en - Completely in English (or multilingual)	contact teaching	Course unit is both for degree students and open university studies.	yes	yes
MAST30211	Model theory I	5 cr	3. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST30212	Model theory II	5 cr	4. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST33021	Multivariate statistical analysis	5 cr	2. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST32017	Nonparametric inference	5 cr	2. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST30172	Partial differential equations I	5 cr	3. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST30173	Partial differential equations II	5 cr	4. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST31052	Probability theory	5 cr	3. period	en - Completely in English (or multilingual)	contact teaching	Course unit is both for degree students and open university studies.	yes	yes
MAST30149	Real analysis IIA	5 cr	3. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST33004	Robust regression	5 cr	4. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST31016	Sobolev spaces	10 cr	2. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST31513	Spatial models in ecology I: partial differential equations	5 cr	3. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST31514	Spatial models in ecology II: discrete space	5 cr	4. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST30165	Statistical decision theory	5 cr	3. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST31706	Stochastic analysis I	5 cr	1. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST31710	Stochastic analysis II	5 cr	2. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST30166	Stochastic population models I	5 cr	3. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST30167	Stochastic population models II	5 cr	4. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST32020	Stochastic processes	5 cr	1. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST32007	Time series analysis I	5 cr	2. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST32008	Time series analysis II	5 cr	3. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST30303	Topology Ila	5 cr	1. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes
MAST30304	Topology IIb	5 cr	2. period	en - Completely in English (or multilingual)	contact teaching	Course unit is only for degree students.	yes	yes