

**Mathematical and Scientific Competences**

Module No.	Title of module	CPs	Admission requirements	Max. no. of students	Suitable for	Recommended for the following subjects	How to enrol	Course frequency	Language	Offering Department/Subject
M.Biodiv-NF.415	Evolutionary biology	4	Recommended: a basic understanding of biology	Unlimited	BA, MA, PhD	Forest Sciences, Ecosystem Sciences, Agricultural Sciences, Angewandte Computer Sciences, Applied Data Science	7d/24h-Rule	Each semester	English	Biology
B.Inf.1101	Introduction to Computer Science and Programming	10	None	300	BA, MA	All Subjects	cf. HisInOne EXA	Each semester	English	Computer Science
B.Mat.0732	Practical course in scientific computing: Basics	3	Basic computer skills	Unlimited	BA, MA	All Subjects	Via Stud.IP	Each Summer semester	English	Mathematics
B.Mat.0743	Practical course in stochastics: Introduction	3	Basic computer skills	Unlimited	BA, MA	All Subjects	Via Stud.IP	Each Summer semester	German	Mathematics
B.Mat.0842	Mathematics for information sciences II	9	None	Unlimited	BA, MA	All Subjects	Via Stud.IP	Each Summer semester	German	Mathematics
M.Inf.356-1	Personalized Medicine	3	None; a basic understanding of biology/genomics is recommended	25 total	MA	Medicine, Molecular Medicine, Cardiovascular Science, Biology, Computational Biology, DNB-Biology, Biochemistry, Business Administration, Economics, Social Sciences, Political Sciences	Via Stud.IP	Once a year (Each Summer semester)	English	Medical Computer Science
M.Phy-NF.7601	X-ray Tomography for Students of Medicine, Biologie, Agriculture, Forestry	3	None	8	MA, PhD	Medicine, Biology, Agricultural Sciences, Forest Sciences, Chemistry, Computer Sciences	Via Stud.IP	Each year	English	Physics