

PhD in Statistics – Curriculum Chart

Term 1

Courses	Credits	Code	Prerequisites	Type
Advanced Statistical Inference	3	۲۰۲۰۱۷۹		Required
Probability Theory (2)	3	۲۰۲۰۱۳۶		Required
Total Credits	6			

Term 2

Courses	Credits	Code	Prerequisites	Type
Seminar	1	2020036		Required
<i>One of the Offered Elective Courses</i>	3		<i>depends on the selected course</i>	Elective
Total Credits	4			

Term 3

Courses	Credits	Code	Prerequisites	Type
<i>One of the Offered Elective Courses</i>	3		<i>depends on the selected course</i>	Elective
<i>One of the Offered Elective Courses</i>	3		<i>depends on the selected course</i>	Elective
Total Credits	6			

Term 4

Courses	Credits	Code	Prerequisites	Type
Comprehensive Examination		2024010	All the Required and Elective Courses	
Total Credits				

Terms 5-8

Courses	Credits	Code	Prerequisites	Type
Dissertation	20	2024048	Comprehensive Examination	
Total Credits				

Total Credits of Elective Courses: 9

Total Credits of Required Courses: 7

Total Credits: 16

Elective Courses

Courses	Credits	Code	Courses	Credits	Code
Advanced Survival Analysis	3	۲۰۲۰۱۰۷	Topics in Computational Statistics	3	۲۰۲۰۱۲۲
Non-nested Model Selection Theory	3	۲۰۲۰۱۰۹	Advanced Topics in Statistical Inference	3	۲۰۲۰۱۲۵
Survival Analysis Process Approach	3	۲۰۲۰۱۱۰	Continuous Multivariate Analysis (2)	3	۲۰۲۰۱۳۸
Asymptotic Theory of Statistical Inference	3	۲۰۲۰۱۱۱	Advanced Spatial Statistics	3	۲۰۲۰۱۴۱
Optimal Designs in Discrete Models	3	۲۰۲۰۱۱۴	Advanced Topics in Time Series	3	۲۰۲۰۱۴۲
Nonparametric Bayesian Inference	3	۲۰۲۰۱۱۵	Advanced Topics in Probability Theory	3	۲۰۲۰۱۲۶
Advanced Random Processes (1)	3	۲۰۲۰۱۳۹	Advanced Topics in Random Processes	3	۲۰۲۰۱۲۷
Advanced Topics in Survival Analysis	3	۲۰۲۰۱۳۱	Advanced Topics in Sampling	3	۲۰۲۰۱۲۸
Advanced Reliability	3	۲۰۲۰۱۴۰	Advanced Topics in Reliability	3	۲۰۲۰۱۳۰
Advanced Topics in Limit Theorems	3	۲۰۲۰۱۲۳	Advanced Topics in Records Theory	3	۲۰۲۰۱۳۲
Advanced Topics in Discrete Multivariate Analysis	3	۲۰۲۰۱۲۹	Advanced Topics in Data Mining	3	۲۰۲۰۱۳۳
Advanced Topics in Design and Analysis	3	۲۰۲۰۱۲۴	Advanced Topics in Signal Processing	3	۲۰۲۰۱۳۴
Linear Models (2)	3	۲۰۲۰۱۳۷	Topics in Functional Analysis	3	۲۰۲۰۱۳۵
Advanced Topics in Statistics	3	2020121	Large Sample Theory	3	۲۰۲۰۱۶۹