

PhD in SCHOOL OF STATISTICAL SCIENCES

TIMETABLE 2024/25

Curriculum: Methodological Statistics

2024

Building CU002

November	Course	Instructor	Hours	Room	
5	Advanced inference and asymptotic theory	Pierluigi Conti	10-12	34	20 hours
6	Advanced inference and asymptotic theory	Pierluigi Conti	10-12	34	
7	Advanced inference and asymptotic theory	Pierluigi Conti	10-12	34	
12	Advanced inference and asymptotic theory	Pierluigi Conti	10-12	34	
13	Advanced inference and asymptotic theory	Pierluigi Conti	10-12	34	
14	Advanced inference and asymptotic theory	Pierluigi Conti	10-12	34	
19	Advanced inference and asymptotic theory	Pierluigi Conti	10-12	34	
20	Advanced inference and asymptotic theory	Pierluigi Conti	10-12	34	
26	Advanced inference and asymptotic theory	Pierluigi Conti	10-12	34	
27	Advanced inference and asymptotic theory	Pierluigi Conti	10-12	34	
27	Introduction to graphical models and bayesian networks	P. Vicard - L. Giammei	14-18	24	16 hours
29	Introduction to graphical models and bayesian networks	P. Vicard - L. Giammei	10-12	24	
29	Introduction to graphical models and bayesian networks	P. Vicard - L. Giammei	14-16	24	
December	Course	Instructor	Hours	Room	
4	Introduction to graphical models and bayesian networks	P. Vicard - L. Giammei	10-12	24	12 hours
4	Introduction to graphical models and bayesian networks	P. Vicard - L. Giammei	14-16	24	
6	Introduction to graphical models and bayesian networks	P. Vicard - L. Giammei	10-12	24	
6	Introduction to graphical models and bayesian networks	P. Vicard - L. Giammei	14-16	24	
10	Mathematical Optimization for Statistics	Lavinia Amorosi	10:30-12:30	24	
10	Mathematical Optimization for Statistics	Lavinia Amorosi	14:30-16:30	24	
11	Mathematical Optimization for Statistics	Lavinia Amorosi	10:30-12:30	24	
11	Mathematical Optimization for Statistics	Lavinia Amorosi	14:30-16:30	24	
12	Mathematical Optimization for Statistics	Lavinia Amorosi	10:30-12:30	24	
12	Mathematical Optimization for Statistics	Lavinia Amorosi	14:30-16:30	24	
2025					
January	Course	Instructor	Hours	Room	
20	Tensorial methods	Paolo Giordani	9-12	24	18 hours
20	Tensorial methods	Paolo Giordani	14-17	24	
22	Tensorial methods	Paolo Giordani	9-12	24	
22	Tensorial methods	Paolo Giordani	14-17	24	
24	Tensorial methods	Paolo Giordani	9-12	24	
28	(Fuzzy) clustering of complex data structures	Maria Brigida Ferraro	10-13	34	18 hours
28	(Fuzzy) clustering of complex data structures	Maria Brigida Ferraro	14-17	34	
29	(Fuzzy) clustering of complex data structures	Maria Brigida Ferraro	10-13	34	
29	(Fuzzy) clustering of complex data structures	Maria Brigida Ferraro	14-17	34	
30	(Fuzzy) clustering of complex data structures	Maria Brigida Ferraro	10-13	34	

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30	(Fuzzy) clustering of complex data structures	Maria Brigida Ferraro	14-17	34	
February	Course	Instructor	Hours	Room	
3	Insights into Probability and Stochastic Processes	Costantino Ricciuti	14-17.30	34	18 hours
4	Insights into Probability and Stochastic Processes	Costantino Ricciuti	14-17.30	34	
5	Real Analysis	Ida De Bonis	10-12.30	34	15 hours
7	Tensorial methods	Paolo Giordani	9-12	24	
11	Insights into Probability and Stochastic Processes	Costantino Ricciuti	14-17.30	34	
12	Real Analysis	Ida De Bonis	10-12.30	34	
18	Insights into Probability and Stochastic Processes	Costantino Ricciuti	14-17.30	34	
19	Real Analysis	Ida De Bonis	10-12.30	34	
25	Insights into Probability and Stochastic Processes	Costantino Ricciuti	14-18	34	
26	Real Analysis	Ida De Bonis	10-12.30	34	
March	Course	Instructor	Hours	Room	
3	Finite Mixture Models	Roberto Rocci	10-13	24	18 hours
4	Finite Mixture Models	Roberto Rocci	10-13	24	
5	Real Analysis	Ida De Bonis	10-12.30	34	16 hours
6	Finite Mixture Models	Roberto Rocci	10-13	24	
10	Finite Mixture Models	Roberto Rocci	10-13	24	
11	Finite Mixture Models	Roberto Rocci	10-13	24	
12	Real Analysis	Ida De Bonis	10-12.30	34	
13	Finite Mixture Models	Roberto Rocci	10-13	24	
20	Point Processes	Valentina Cammarota	10-14	34	
21	Point Processes	Valentina Cammarota	10-14	34	
27	Point Processes	Valentina Cammarota	10-14	34	
28	Point Processes	Valentina Cammarota	10-14	34	
April	Course	Instructor	Hours	Room	
3	Probability for Data Science	De Gregorio - Iafrate	9:30-12:30	24	24 hours
4	Probability for Data Science	De Gregorio - Iafrate	9:30-12:30	24	
7	Probability for Data Science	De Gregorio - Iafrate	9:30-12:30	24	
8	Probability for Data Science	De Gregorio - Iafrate	9:30-12:30	24	
10	Probability for Data Science	De Gregorio - Iafrate	9:30-12:30	24	
11	Probability for Data Science	De Gregorio - Iafrate	9:30-12:30	24	
14	Probability for Data Science	De Gregorio - Iafrate	9:30-12:30	24	
16	Probability for Data Science	De Gregorio - Iafrate	9:30-12:30	24	
May	Course	Instructor	Hours	Room	
19	Introduction to functional data analysis	Alessia Caponera - Marco Stefanucci	10 - 13	34	18 hours
20	Introduction to functional data analysis	Alessia Caponera - Marco Stefanucci	10 - 13	34	
21	Introduction to functional data analysis	Alessia Caponera - Marco Stefanucci	10 - 13	34	
22	Introduction to functional data analysis	Alessia Caponera - Marco Stefanucci	10 - 13	34	
23	Introduction to functional data analysis	Alessia Caponera - Marco Stefanucci	10 - 13	34	
26	Introduction to functional data analysis	Alessia Caponera - Marco Stefanucci	10 - 13	34	
June	Course	Instructor	Hours	Room	
30	Compound point processes and their applications in finance and insurance	Enrico Scalas	10-13	34	20 hours
30	Compound point processes and their applications in finance and insurance	Enrico Scalas	15-16	34	

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July	Course	Instructor	Hours	Room
1	Compound point processes and their applications in finance and insurance	Enrico Scalas	10-13	34
1	Compound point processes and their applications in finance and insurance	Enrico Scalas	15-16	34
2	Compound point processes and their applications in finance and insurance	Enrico Scalas	10-13	34
2	Compound point processes and their applications in finance and insurance	Enrico Scalas	15-16	34
3	Compound point processes and their applications in finance and insurance	Enrico Scalas	10-13	34
3	Compound point processes and their applications in finance and insurance	Enrico Scalas	15-16	34
4	Compound point processes and their applications in finance and insurance	Enrico Scalas	10-13	34
4	Compound point processes and their applications in finance and insurance	Enrico Scalas	15-16	34
September	Course	Instructor	Hours	Room
TBD	Advanced Data Analysis	G. Jona Lasinio	9-18	TBD
TBD	Advanced Data Analysis	G. Jona Lasinio	9-18	TBD
TBD	Advanced Data Analysis	G. Jona Lasinio	9-18	TBD

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Second and Third years

2025				
May	Course	Instructor	Hours	Room
19	Introduction to functional data analysis	Alessia Caponera - Marco Stefanucci	10 - 13	34
20	Introduction to functional data analysis	Alessia Caponera - Marco Stefanucci	10 - 13	34
21	Introduction to functional data analysis	Alessia Caponera - Marco Stefanucci	10 - 13	34
22	Introduction to functional data analysis	Alessia Caponera - Marco Stefanucci	10 - 13	34
23	Introduction to functional data analysis	Alessia Caponera - Marco Stefanucci	10 - 13	34
26	Introduction to functional data analysis	Alessia Caponera - Marco Stefanucci	10 - 13	34
September	Course	Instructor	Hours	Room
9	Regression models for categorical and survival data	Marco Alfò	10-13	TBD
10	Regression models for categorical and survival data	Marco Alfò	15-18	TBD
11	Regression models for categorical and survival data	Marco Alfò	10-13	TBD
16	Regression models for categorical and survival data	Marco Alfò	10-13	TBD
17	Regression models for categorical and survival data	Marco Alfò	15-18	TBD
18	Regression models for categorical and survival data	Marco Alfò	10-13	TBD

18 hours

18 hours

The calendar may be subject to additions/changes