

# 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	<b>20 hours</b>
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	<b>16 hours</b>
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	<b>12 hours</b>
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	
<b>2025</b>					
January	Course	Instructor	Hours	Room	
20	Tensorial methods	Paolo Giordani	9-12	24	<b>18 hours</b>
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	<b>18 hours</b>
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	
30	(Fuzzy) clustering of complex data structures	Maria Brigida Ferraro	14-17	34	
February	Course	Instructor	Hours	Room	

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## TIMETABLE 2024/25

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	18 hours	
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		
<b>March</b>	<b>Course</b>	<b>Instructor</b>	<b>Hours</b>	<b>Room</b>		
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		
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	10:00 - 14:00	34	16 hours	
21	Point Processes	Valentina Cammarota	10:00 - 12:00 14:00 - 16:00	24		
27	Point Processes	Valentina Cammarota	10:00 - 14:00	34		
28	Point Processes	Valentina Cammarota	10:00 - 12:00 14:00 - 16:00	24		
<b>April</b>	<b>Course</b>	<b>Instructor</b>	<b>Hours</b>	<b>Room</b>		
3	Probability for Data Science	De Gregorio - Iafrate	9:30-12:30	24	24 hours	
4	Probability for Data Science	De Gregorio - Iafrate	09:00-12:00	24		
7	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 online		
14	Probability for Data Science	De Gregorio - Iafrate	9:30-12:30	24 online		
16	Probability for Data Science	De Gregorio - Iafrate	9:30-12:30 14:30-17:30	24 online		
<b>May</b>	<b>Course</b>	<b>Instructor</b>	<b>Hours</b>	<b>Room</b>		
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	09 - 12	34		
26	Introduction to functional data analysis	Alessia Caponera - Marco Stefanucci	10 - 13	34		
<b>June</b>	<b>Course</b>	<b>Instructor</b>	<b>Hours</b>	<b>Room</b>		
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		
<b>July</b>	<b>Course</b>	<b>Instructor</b>	<b>Hours</b>	<b>Room</b>		
1	Compound point processes and their applications in finance and insurance	Enrico Scalas	10-13	34		

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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
<b>September</b>	<b>Course</b>	<b>Instructor</b>	<b>Hours</b>	<b>Room</b>
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

## PhD in SCHOOL OF STATISTICAL SCIENCES TIMETABLE 2024/25

### Second and Third years

<b>2025</b>				
<b>May</b>	<b>Course</b>	<b>Instructor</b>	<b>Hours</b>	<b>Room</b>
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
<b>September</b>	<b>Course</b>	<b>Instructor</b>	<b>Hours</b>	<b>Room</b>
15	Survival analysis	Marta Fiocco	09.30-12.30 14:00-17:00	Aula VII
16	Survival analysis	Marta Fiocco	09.30-12.30 14:00-17:00	Aula VII
17	Survival analysis	Marta Fiocco	09.30-12.30 14:00-17:00	Aula VII
18	Survival analysis	Marta Fiocco	09.30-12.30 14:00-17:00	Aula VII
19	Survival analysis	Marta Fiocco	09.30-12.30 14:00-17:00	Aula VII

18  
hours

30  
hours

The calendar may be subject to additions/changes