



UNIVERSITÀ DEGLI STUDI DI PALERMO

Characteristics



Educational objectives

Professional opportunities

Final examination features

| Subjects 1 ° year | CFU | Sem. | Val. | Att. | SSD | TAF |
|---|-----------|------|------|------|------------|-----|
| 22216 - BIG DATA - INTEGRATED COURSE | 12 | Ann. | V | | | |
| - BIG DATA TECHNOLOGIES <i>La Cascia(PO)</i> | 6 | 1 | | | ING-INF/05 | C |
| - ANALYSIS FOR BIG DATA <i>Pirrone(PO)</i> | 6 | 2 | | | ING-INF/05 | C |
| 23831 - STATISTICAL MODELS AND DATA MINING - INTEGRATED COURSE | 12 | 1 | V | | | |
| - DATA MINING <i>Plaia(PO)</i> | 6 | 1 | | | SECS-S/01 | B |
| - STATISTICAL MODELS <i>Chiodi(PO)</i> | 6 | 1 | | | SECS-S/01 | B |
| 23832 - STOCHASTIC PROCESSES AND STOCHASTIC NETWORKS - INTEGRATED COURSE | 12 | 1 | V | | | |
| - NETWORKS AND OPTIMISATION <i>Tumminello(PO)</i> | 6 | 1 | | | SECS-S/06 | B |
| - STOCHASTIC PROCESSES <i>Adelfio(PO)</i> | 6 | 1 | | | SECS-S/01 | B |
| 23816 - BAYESIAN STATISTICS AND NON- PARAMETRIC MODELS - INTEGRATED COURSE | 12 | 2 | V | | | |
| - BAYESIAN STATISTICS <i>Abbruzzo(PA)</i> | 6 | 2 | | | SECS-S/01 | B |
| - NON PARAMETRIC MODELS <i>Muggeo(PO)</i> | 6 | 2 | | | SECS-S/01 | B |
| 23829 - PERSONAL DATA PROTECTION <i>Piraino(PO)</i> | 6 | 2 | V | | IUS/01 | C |
| Optional subjects | 6 | | | | | C |
| | 60 | | | | | |

| Subjects 2 ° year | CFU | Sem. | Val. | Att. | SSD | TAF |
|---|-----|------|------|------|------------|-----|
| 01175 - ALGORITHMS AND DATA STRUCTURES <i>Lo Presti(PA)</i> | 9 | 1 | V | | ING-INF/05 | C |
| 23826 - STATISTICAL METHODS FOR ECONOMIC AND SOCIAL ANALYSIS - INTEGRATED COURSE | 12 | 1 | V | | | |
| - STATISTICAL METHODS FOR CONSTRUCTING INDICATORS <i>Giambalvo(PO)</i> | 6 | 1 | | | SECS-S/05 | B |

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| Subjects 2 ° year | CFU | Sem. | Val. | Att. | SSD | TAF |
|---|-----------|------|------|------|-----------|-----|
| - STATISTICS FOR ECONOMIC AND BUSINESS ANALYSIS <i>Cracolici(PO)</i> | 6 | 1 | | | SECS-S/03 | B |
| 05917 - FINAL EXAMINATION | 12 | 2 | G | | | E |
| Optional subjects II | 6 | | | | | C |
| Optional subjects IV | 6 | | | | | C |
| Optional subjects III | 6 | | | | | F |
| Free subjects (suggested) | 9 | | | | | D |
| | 60 | | | | | |

OPTIONAL SUBJECTS

| Optional subjects | CFU | Sem. | Val. | Att. | SSD | TAF |
|---|-----|------|------|------|------------|-----|
| 22375 - GENETIC STATISTICS AND BIOINFORMATIC APPLICATIONS <i>Chiodi(PO)</i> | 6 | 2 | V | | SECS-S/01 | C |
| 23951 - METHODS FOR THE EVALUATION OF SERVICES AND STATISTICAL QUALITY CONTROL <i>Vassallo(PA)</i> | 6 | 2 | V | | SECS-S/03 | C |
| 23820 - RISK ANALYSIS <i>Giansante(RD)</i> | 6 | 2 | V | | SECS-S/06 | C |
| 23946 - SOCIAL SURVEY DESIGN | 6 | 2 | V | | SECS-S/05 | C |
| Optional subjects II | CFU | Sem. | Val. | Att. | SSD | TAF |
| 01664 - BIOSTATISTICS <i>Attanasio(PO)</i> | 6 | 1 | V | | SECS-S/05 | C |
| 15764 - INTERNET <i>De Paola(PA)</i> | 6 | 1 | V | | ING-INF/05 | C |
| 23821 - METHODS AND ANALYSIS FOR TERRITORIAL ECONOMIC DATA <i>Piacentino(PO)</i> | 6 | 1 | V | | SECS-S/03 | C |
| 23819 - MODELS FOR CATGORIAL DATA <i>Sciandra(PA)</i> | 6 | 1 | V | | SECS-S/01 | C |
| 16554 - NATURAL LANGUAGE PROCESSING <i>Pirrone(PO)</i> | 6 | 1 | V | | ING-INF/05 | C |
| Optional subjects III | CFU | Sem. | Val. | Att. | SSD | TAF |
| 06634 - INTERNSHIP | 6 | 2 | G | | | F |
| 11033 - INTERNSHIP 3 CREDITS | 3 | 2 | G | | | F |
| 19839 - STATISTICAL CONSULTING 2 | 3 | 2 | G | | | F |
| 23948 - STATISTICAL CONSULTING 3 | 6 | 2 | G | | | F |
| Optional subjects IV | CFU | Sem. | Val. | Att. | SSD | TAF |
| 17629 - ADVANCED ENGLISH <i>Romeo(PA)</i> | 6 | 1 | V | | L-LIN/12 | C |
| 23161 - ADVANCED SURVIVAL ANALYSIS <i>Attanasio(PO)</i> | 6 | 2 | V | | SECS-S/05 | C |
| 02742 - BUSINESS ECONOMICS AND MANAGEMENT <i>Levanti(PA)</i> | 6 | 1 | V | | SECS-P/08 | C |
| 23815 - CLOUD COMPUTING <i>Gallo(PA)</i> | 6 | 2 | V | | ING-INF/05 | C |
| 15507 - MATHEMATICS FOR ECONOMICS AND FINANCE <i>Consiglio(PO)</i> | 6 | 2 | V | | SECS-S/06 | C |

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OPTIONAL SUBJECTS

| Optional subjects IV | CFU | Sem. | Val. | Att. | SSD | TAF |
|---|-----|------|------|------|------------|-----|
| 23822 - NUMERICAL METHODS FOR THE EVALUATION OF DERIVATIVE SECURITIES <i>Giansante(RD)</i> | 6 | 2 | V | | SECS-S/06 | C |
| 05871 - PROGRAMMING <i>La Cascia(PO)</i> | 6 | 2 | V | | ING-INF/05 | C |
| 06526 - SOCIOLOGY <i>Lo Verde(PO)</i> | 6 | 2 | V | | SPS/07 | C |
| 23939 - STATISTICAL LEARNING FOR HIGH DIMENSIONAL DATA <i>Augugliaro(PO)</i> | 6 | 1 | V | | SECS-S/01 | C |
| 23500 - STATISTICAL MACHINE LEARNING <i>Sottile(RD)</i> | 6 | 1 | V | | SECS-S/01 | C |
| 23841 - STATISTICAL MODELS FOR VOLATILITY IN FINANCE <i>Vassallo(PA)</i> | 6 | 1 | V | | SECS-S/03 | C |
| 23429 - TERRITORIAL AND ENVIRONMENTAL DATA ANALYSIS <i>Lo Cascio(PA)</i> | 6 | 2 | V | | SECS-P/05 | C |
| 21942 - UNCERTAIN REASONING AND PROBABILITY <i>Sanfilippo(PO)</i> | 6 | 1 | V | | MAT/06 | C |
| Free subjects (suggested) | CFU | Sem. | Val. | Att. | SSD | TAF |
| 08627 - INTERNSHIP | 3 | 2 | G | | SECS-S/01 | D |
| 11028 - INTERNSHIP 6 CREDITS | 6 | 2 | G | | SECS-S/01 | D |
| 11029 - INTERNSHIP 9 CREDITS | 9 | 2 | G | | SECS-S/01 | D |
| 19593 - STATISTICAL CONSULTING | 6 | 2 | G | | SECS-S/01 | D |
| 23947 - STATISTICAL CONSULTING 1 | 3 | 2 | G | | SECS-S/01 | D |

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