

**ALLEGATO 2 OFFERTA DIDATTICA PROGRAMMATA CdL in DATA ANALYTICS
a.a. 2024-2025**

Università degli Studi della Campania "Luigi Vanvitelli"
ATTIVITÀ FORMATIVE PER ANNO – coorte 2024-2025
Dipartimento: Dipartimento di Matematica e Fisica (DMF)
Corso di Studio: B34 - DATA ANALYTICS
Ordinamento: B34-19 ANNO: 2024/2025
Regolamento: B34-19-24 ANNO: 2024/2025
CFU Totali: 180

Sector	Courses	Semester	ECTS
ING-INF/05	Fundamentals of programming	1	6
SECS-P/01	Economics	1	6
MAT/03	Linear algebra	1	6
SECS-S/01	Statistics	1	9
ING-INF/05	Fundamentals of computer science	2	6
MAT/05	Analysis	2	9
MAT/07	Probability theory	2	6
SPS/07	Methodology of social research	2	6
	Free	2	6
			60

II Year (60 ETCS)

			Semester	
SECS-S/06	Financial Mathematics	1	6	<i>Optional: Select 1 out of 2</i>
SECS-S/01	Inferential Statistics	1	9	
SECS-S/01 - Statistica	Data visualization and Reporting	1	9	
SECS-S/02	Experimental Research Designs	1	6	
M-PSI/03	Psychometrics	2	6	
L-LIN/12	English for Mathematics, Statistics and Computer Science	2	6	
MAT/08	Numerical methods for data analysis	2	6	
SECS-P/05	Econometrics <i>or</i>	2	6	<i>Optional: Select 1 out of 2</i>
SECS-P/08	Business intelligence	2	6	
SECS-S/01	Statistical Learning	2	6	

III Year (60 ETCS)

Semester

SECS-S/01	Data mining and big data	1, 2	12
ING-INF/05	Computer Systems Modelling and Semantic Web	1	6
L-LIN/04	French	1	6
	Free	1	6
ING-INF/05	Object oriented programming	1	6
ING-INF/05	Databases and Information Systems	2	6
MAT/09	Operational research	2	6
SECS-P/01	Behavioural Economics	2	
	Stage	2	8
	Thesis examination	2	4
			60

*Optional:
Select 1 out of 2*