


**Università degli Studi di L'Aquila - Dipartimento di Ingegneria e Scienze dell'Informazione e Matematica**  
**Elenco Corsi Attivi - Area Mathematics and Applications**

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Codice	Nome	Docenti	Lin.	Sem.	Tip.	CFU	SSD	Note
DT0006	A primer in mechanics	Tatone	en	2nd	D	3	ICAR/08	R
DT0113	Advanced Analysis	Lattanzio, Nolasco, Spirito	en	2nd	Varie	Vari	MAT/05	I
DT0246	Advanced Numerical Analysis		en	2nd	B	6	MAT?08	
DT0015	Algebra	Gavioli, Scoppola	it	2nd	A	12	MAT/02	I
DT0121	Algebra Superiore	Gavioli, Guerrieri	en	1st	C+B	12	MAT/02	I
DT0098	An introduction to continuum mechanics	Tatone	en	2nd	B	12	ICAR/08	
DT0014	Analisi Matematica A	Pignotti, Rubino	it	1st	A	12	MAT05	I
DT0020	Analisi Matematica B	Donatelli	it	1st	B	9	Mat/05	
DT0023	Analisi Matematica C	Guarguaglini	it	2nd	B	6	Mat/05	
DT0021	Analisi Numerica	Cimoroni, Guglielmi	it	2nd	B	9	MAT/08	
I0183	Applied partial differential equations	Lattanzio	en	1st	B	6	MAT/05	R
DT0262	Biomathematics	Di Francesco, Pignotti	it	1st			MAT/05	R
DT0022	Calcolo delle probabilità A	Tsagkarogiannis	it	2nd	B	6	MAT/06	
DT0028	Calcolo delle probabilità B	De Masi	it	1st	B	6	MAT/06	
DT0051	Combinatorics and Cryptography	Gavioli	en	2nd	Varie	Vari	MAT/02	
DT0112	Complex analysis	Nolasco	en	2nd	B	6	MAT/05	
I0670	Computer Modelling And Simulations Of Biomolecules	Guidoni	en	1st	D	6	CHIM/07	
DT0422	Comunicazione della conoscenza scientifica	Freguglia, Guerrieri	it		C	6		I
DT0295	Continuum mechanics and thermodynamics	Tatone	en	2nd	B	9	ICAR/08	R
I0062	Control Systems	D'innocenzo	en	1st	B	6	ING-INF/04	
DT0440	Data Analytics and Data Driven Decision	Felici, Rossi	en	2nd	C	6	MAT/09	
DT0279	Data analytics and data mining	Felici, Rossi	en	2nd	B	6	ING-INF/05	R
DT0131	Didattica Della Matematica	Livorni	it	1st	B	12	MAT/04	
I0565	Dispositivi Elettronici	Carelli, Stornelli	en	1st	D	9		
I0459	Dynamical systems and bifurcation theory	Rubino	en	1st	B	6	MAT/05	
I0677	English as a foreign language (level B2)	Paolini	en	1st	F	3	L-LIN/12	R
DT0107	English as a foreign language (level B2)	Paolini	en	1st	F	2	L-LIN/12	
DT0161	Equazioni della fisica matematica	Lattanzio, Serva	en	1st	B+C	9	MAT/05, MAT	I
F0061	Fisica I	Santucci	it	2nd	A	9	FIS/01	
F0501	Fisica II	Carelli	it	1st	C	9	FIS/01	
DT0131	Foundation and Methodology of Mathematics Education	Livorni	it	1st	C	12	MAT/04	
DT0124	Foundation of Mathematics	Freguglia	it	1st	C	6	MAT/04	
I0051	Functional Analysis In Applied Mathematics And Engineering	Fagioli	en	1st	B	9	MAT/05	
DT0018	Geometria A	Fania	it	1st	A	12	MAT/03	
DT0019	Geometria B	Fedeli, Nelli	it	1st	B	12	MAT/03	

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DT0248	Geometria Riemaniana	Nelli, Pipoli	en	2nd	C	6	MAT/03	
DT0117	Geometria Superiore	Bedulli, Biancofiore	en	1st	B	12	MAT/03	I
DT0252	High Performance Computing Laboratory and Applications to differential equations	Guglielmi	en	1st	Varie	Vari	MAT/08	
F0060	Informatica	Nesi	it	1st	A	6	INF/01	R
I0117	Inglese livello B1	Larivera	en	2nd	E	3	L-LIN/12	
DT0077	Intensive Programme	Rubino, Tatone	en	1st	C+B	6	NN	I
DT0148	Introduzione alla Elettrotecnica	Buccella	it	1st	C	6	ING-IND/31	
DT0305	Introduzione alla Geometria Algebrica	Fania	it	1st	C	6	MAT/03	
DT0025	Istituzioni Di Analisi Superiore	Nolasco	it	1st	B	12	MAT/05	I
F1195	Istituzioni Di Geometria Superiore I	Lelli Chiesa	it	2nd	B	9	MAT/03	
DT0254	Kinetic and hydrodynamic models	Colangeli	en	2nd	Varie	Vari	MAT/07	
F0019	Lingua Inglese	Ceccarelli	en	1st	E	3	L-LIN/12	
DT0110	Mathematical Economics and Finance	Giuli	en	1st	Varie	Vari	SECS-S/06	
DT0247	Mathematical fluid dynamics	Donatelli	en	1st	C	6	MAT/05	
DT0247	Mathematical fluid dynamics	Donatelli	en	1st	B	6	ING-IND/06	R
DT0013	Mathematical Models for Collective Behavior	Amadori	it	1st			MAT/05	R
DT0294	Mathematical Models In Life and Social Sciences	Amadori, Di Francesco, Pignotti	en	1st	Varie	Vari	MAT/05	I
DT0126	Mathematical Physics 1	Merola	en	2nd	B	6	MAT/07	
DT0249	Mathematical Physics 2	Colangeli	en	2nd	C	6	MAT/07	R
F0503	Meccanica Razionale	Merola	it	2nd	B	9	MAT/07	
I0052	Mechanics of Solids and Materials	Tatone	en	2nd	D	6	ICAR/08	R
DT0419	Metodi analitici applicati alla geometria	Nelli	it	1st	B	6	MAT/03	
DT0130	Modern Physics	Nardone	it	2nd	C	6	FIS/01	
I0419	Nanophotonics	Palange	it	1st	C	9	FIS/01	R
DT0058	Network Design	Rossi	en	2nd	C	12	MAT/09	I
DT0215	Network optimisation	Rossi	it		B	6	MAT/09	R
DT0307	Numerical Methods For Differential Equations	D'Ambrosio	en	2nd	B	6	MAT/08	
DT0312	Numerical Methods For Linear Algebra And Optimisation	D'Ambrosio	en	2nd	C	6	MAT/08	
DT0220	Optimisation Models and Algorithms	Arbib	it		B	6	MAT/09	
DT0256	Parallel Computing	Festa	en	2nd	C	6	MAT/08	
I0671	Principles Of Structural And Cell Biochemistry	Coccia	en	1st				
DT0127	Probabilità e Processi Stocastici	De Masi, Gabrielli	en	2nd	B	12		I
DH0003	Sistemi Dinamici e Teoria della biforcazione	Rubino	en	1st	C	6	MAT/05	R
DT0133	Stochastic models and applications	Antonelli	en	1st	C	6	MAT/06	
DT0052	Stochastic Processes	Tsagkarogiannis	en	2nd	Varie	Vari	MAT/06	
I0549	Systems biology	Palumbo	en	1st	B	6	ING-INF/04	
I0549	Systems Biology	Palumbo	en	1st	B	6	ING-INF/04	
DT0104	Time Series And Prediction	Triacca	it	1st	Varie	Vari	SECS-P/05	

**NOTE:**

**M** *Il corso è un modulo di un corso integrato*

**I** *Il corso è integrato (composto da diversi moduli)*

**R** *Il corso è mutuato da un altro corso attivo*

**D** *Il corso è disattivato*