

Dottorato di Fluidodinamica ambientale (resp. prof. Armenio)

I corsi saranno tenuti in Inglese e sono strutturati come nel sistema USA, con homeworks, mid-term e final exam:

Fluid Mechanics I	(V. Armenio)	30 hours
Numerical Methods	(A. Bellen)	30 hours
Advanced mathematical Methods	(P. Omari)	30 hours
Elements of Statistics	(J. Niemela)	15 hours
Fluid Mechanics II	(M. Piller- Niemela)	30 hours
Computational Fluid dynamics	(G.Pedrizzetti-L.Zovatto)	30 hours
Instability and Turbulence	(K.R. Sreenivasan)	30 hours
Geophysical Fluid Mechanics	(F. Crisciani-R. Mosetti)	30 hours
Physics of Ocean	(P. Poulain- M. Gacic)	30 hours
Physics of Atmosphere	(F. Stel- D. Giaiotti)	30 hours

Each course will be run in 10 weeks (3 hours per week), apart Element of statistics which will be run in 5 weeks

Fluid Mechanics I,
Numerical Methods
Advanced Mathematical methods
Elements of Statistics

will be given in the period **Jan. 7 Mar. 31** of the first year, with final exams expected around April. 15.

Fluid Mechanics II
Computational Fluid Mechanics
Instability and turbulence

will be given in the period **April 15 Jul. 15** of the first year with final exams expected by Jul. 31.

Geophysical Fluid Dynamics
Physics of Ocean
Physics of Atmosphere

will be given in the period **Sept. 15 to Dec. 5** of the first year, with final exams expected around Dec. 15.

Informazioni presto disponibili sul sito

http://www.dmi.units.it/borse-dottorati/fluid_mech.htm