

Biological Oriented Bachelor

1st year / 1st period

Fundamental Courses

	CFU - SSD	Prof.
Biophysics I	5 - FIS/07	Casadio
Databases and Information Systems	3 - INF/01	Montesi
General Informatics	4 - INF/01	Fariselli
Molecular Anthropology	3 - BIO/08	Luiselli
Numerical Calculus	3 - MAT/08	Piccolomini
Probability and Statistics	3 - MAT/06	Campanino

1st year / 2nd period

Fundamental Courses

	CFU - SSD	Prof.
Algorithms and Data Structures	5 - INF/01	D'Angelo
Biomedical Databases	3 - BIO/11	Tasco
Genetic analysis of human diseases	3 - BIO/18	Maestrini
Laboratory of Bioinformatics I	3 - BIO/10	Fariselli
Molecular Recognition	3 - CHIM/03	Credi
Soft Computing	6 - INF/01	Margara

Free choice courses	6 CFU
Optional Courses	14 CFU

2nd year

Fundamental Courses

	CFU - SSD	Prof.
Computational Biology	3 - BIO/10	Martelli
Models of Biological Systems I	4 - FIS/07	Fariselli
Free choice seminar	3	
Stage	12	
Final Examination	34	

Proposed Free choice courses

Winter School 11-17 febbraio 2008

CFU - SSD

4 - BIO/10 equivalent of Bioinformatics for
Systems & Synthetic Biology
(Reference Person: R. Casadio)