



Programme of Integrated course "Complementi di Matematica"

This course is composed of 2 Modules: 1) Calcolo delle Probabilità, 2) Elementi di Logica

Programme of Course "Calcolo delle Probabilità"

- Code: F11064
- Type of course unit:
- Level of course unit:
- Semester: 2

Number of ects credits: (Bachelor Degree in Computer Science) 3 (workload 75 hours)

Teachers:

1	Course objectives	
2	Course content and learning outcomes (dublin descriptors)	
3	Course prerequisites	
4	Teaching methods and language	<p>Language: Italian</p> <p>Reference textbooks</p> <ul style="list-style-type: none"> • P. Baldi, <i>Calcolo delle Probabilità e Statistica</i>. McGraw-Hill. 1998. • P. Baldi, R. Giuliano, L. Ladelli, <i>Laboratorio di statistica e probabilità</i>. McGraw-Hill. 1995. • G.R. Grimmett, D.R. Stirzaker, <i>Probability and Random Processes</i>. Clarendon Press, Oxford University.
5	Assessment methods	

Programme of Course "Elementi di Logica"

- Code: F11054
- Type of course unit:
- Level of course unit:
- Semester: 2

Number of ects credits: (Bachelor Degree in Computer Science) 3 (workload 75 hours)

Teachers:

1	Course objectives	To supply to the students of Computer science the language and the elementary instruments of Mathematical Logic and above all the mathematical rigor in the reasoning and the application
2	Course content and learning outcomes (dublin descriptors)	<p>Topics of the module include:</p> <ul style="list-style-type: none"> • Propositional Logic • Deductive Systems • Correctness and Completeness
3	Course prerequisites	base culture
4	Teaching methods and language	<p>Language: Italian</p> <p>Reference textbooks</p> <ul style="list-style-type: none"> • A. Asperti e A. Ciabattoni, <i>Logica a Informatica</i>. McGraw-Hill.
5	Assessment methods	