



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

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	<b>Course objectives</b>	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	<b>Course content and learning outcomes (dublin descriptors)</b>	<p>Topics of the module include:</p> <ul style="list-style-type: none"> <li>• Propositional Logic</li> <li>• Deductive Systems</li> <li>• Correctness and Completeness</li> </ul>
3	<b>Course prerequisites</b>	base culture
4	<b>Teaching methods and language</b>	<p><b>Language:</b> Italian</p> <p><b>Reference textbooks</b></p> <ul style="list-style-type: none"> <li>• A. Asperti e A. Ciabattoni, <i>Logica a Informatica</i>. McGraw-Hill.</li> </ul>
5	<b>Assessment methods</b>	