



### Programme of Course "Informatica forense"

- Code: DT0199
- Type of course unit: Elective (Bachelor Degree in Computer Science curriculum General), Elective (Master Degree in Computer Science curriculum NEDAS), Elective (Master Degree in Computer Science curriculum SEAS)
- Level of course unit: Undergraduate Degrees, Postgraduate Degrees
- Semester: 2

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

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<b>1</b>	<b>Course objectives</b>	Transfer the techniques and knowledge for manage the Computer Forensics scenario
<b>2</b>	<b>Course content and learning outcomes (dublin descriptors)</b>	<p>Topics of the module include:</p> <ul style="list-style-type: none"> <li>• best practice</li> <li>• Networking, crypto, Router Forensics.</li> <li>• Data Hiding, Mobile Forensics</li> <li>• computer forensics Lab</li> <li>• VoIP, SIM Card + Wifi Assessment</li> <li>• Cloud Computing</li> <li>• VoIP + telematics snif Lab</li> <li>• anti-forensic, big data</li> <li>• social network forensics, forensic of virtualization machine.</li> <li>• web application, Database analysis and log tampering</li> <li>• TALK: Intellectual properties and Copyright</li> <li>• TALK: thinking a startup</li> </ul> <p>On successful completion of this module, the student should :</p> <ul style="list-style-type: none"> <li>• On successful completion of this course, the student should be able to manage the Computer Forensics cases.</li> </ul>
<b>3</b>	<b>Course prerequisites</b>	Basic knowledge: Personal Computer Architecture, O.S., networking
<b>4</b>	<b>Teaching methods and language</b>	instructor-led <b>Language:</b> Italian
<b>5</b>	<b>Assessment methods</b>	write test and/or topic discussion.