



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)

Teachers: Stefano De Nardis (stefano.denardis@gmail.com)

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