

Digital Forensics			14X065
Taras HOLOTYAK (MER)			
Nombre d'heures par semaine	cours	2	Semestre d'automne <input checked="" type="checkbox"/>
	exercices	2	Semestre de printemps
	pratique		Total d'heures
Cursus		Type	Crédits ECTS
Master en sciences informatiques (120 ECTS)		obligatoire	4

#### OBJECTIFS :

Digital forensics, as one of the distinguishable components of the modern cybersecurity, is a societally important and technically challenging research area with just growing interests in the foreseeable future. An overview of the latest achievements in the field of digital forensics will be extended with detailed studying of the selected topics of the subject and complemented by their practical investigation during practical sessions.

#### CONTENU :

The purpose of the course is to introduce students into the subject together with providing them with a practical skills in the domain of digital forensics.

The course will cover the following topics:

- Digital forensics principles
- State of the art of modern multimedia forensics
- Image/video attributing to the source
- Multimedia integrity and authenticity
- Anti-forensics attacks

Forme de l'enseignement	Lectures and practical sessions
Documentation	Course slides and handouts, list of reference books, tasks for practical sessions
Préalable requis	-
Préparation pour	-
Mode d'évaluation	Final oral exam + evaluation of the practical sessions
Sessions d'examens	JF/AS