

## CURRICULUM DESCRIPTION / FIȘA DISCIPLINEI

### 1. Program information / Date despre program

1.1 Higher education institution / <i>Instituția de învățământ superior</i>	West University of Timișoara / <i>Universitatea de Vest din Timișoara</i>
1.2 Faculty / Department / <i>Facultatea / Departamentul</i>	Mathematics and Informatics / <i>Matematică și Informatică</i>
1.3 Department / <i>Departamentul</i>	Informatics / <i>Informatică</i>
1.4 Study area / <i>Domeniul de studii</i>	Informatics / <i>Informatică</i>
1.5 Sutyd cycle / <i>Ciclul de studii</i>	Masters / <i>Master</i>
1.6 Study program / Qualification / <i>Programul de studii / Calificarea</i>	Cybersecurity / Specialist in security-focused procedures and tools for information systems / <i>Securitate Cibernetică / Specialist în proceduri și instrumente de securitate a sistemelor informatice</i>

### 2. Curriculum information / Date despre disciplină

2.1 Name of class / <i>Denumirea disciplinei</i>		<b>CYBERCRIME</b>					
2.2 Teacher for lecture / <i>Titularul activităților de curs</i>		Assoc. prof. Laura-Maria STĂNILĂ, LL.D					
2.3 Teacher for laboratory / <i>Titularul activităților de seminar</i>		Assoc. prof. Laura-Maria STĂNILĂ, LL.D					
2.4 Year of study / <i>Anul de studiu</i>	2	2.5 Semester / <i>Semestrul</i>	1	2.6 Evaluation type / <i>Tipul de evaluare</i>	C	2.7 Type of class / <i>Regimul disciplinei</i>	ES

### 3. Estimated total time (hours per semester for didactic activities) / *Timpul total estimat (ore pe semestru al activităților didactice)*

3.1 Hours per week / <i>Număr de ore pe săptămână</i>	3	of which / <i>din care:</i>	2	3.3 seminary/laboratory / <i>seminar/laborator</i>	1
		3.2 lecture / <i>curs</i>			
3.4 Hours in curriculum plan / <i>Total ore din planul de învățământ</i>	42	of which / <i>din care:</i>	28	3.6 seminary/laboratory / <i>seminar/laborator</i>	14
		3.5 lecture / <i>curs</i>			
Time distribution: / <i>Distribuția fondului de timp:</i>					hours / <i>ore</i>
Study time using the manual, lecture reading material, bibliography and notes / <i>Studiul după manual, suport de curs, bibliografie și notițe</i>					21

Suplimentary documentation inside a library, or online / on the field / <i>Documentare suplimentară în bibliotecă, pe platformele electronice de specialitate / pe teren</i>	20
Seminary/laboratory preparation, homework, research paper, portfolios and essays / <i>Pregătire seminare / laboratoare, teme, referate, portofolii și eseuri</i>	22
Tutorship / <i>Tutoriat</i>	4
Exminations / <i>Examinări</i>	6
Other activities / <i>Alte activități</i>	10
3.7 Total hours of individual study / <i>Total ore studiu individual</i>	<b>83</b>
3.8 Total hours per semester / <i>Total ore pe semestru</i>	<b>125</b>
3.9 Number of credits / <i>Numărul de credite</i>	<b>5</b>

#### 4. Preconditions (where applicable) / *Precondiții (acolo unde este cazul)*

4.1 for curriculum / <i>de curriculum</i>	<ul style="list-style-type: none"> <li>Not the case</li> </ul>
4.2 for competencies / <i>de</i> <i>competențe</i>	<ul style="list-style-type: none"> <li>Criminal law – special part</li> </ul>

#### 5. Conditions (where applicable) / *Condiții (acolo unde este cazul)*

5.1 for lecture development / <i>de desfășurare a</i> <i>cursului</i>	<ul style="list-style-type: none"> <li>Internet acces</li> <li>Lecture room equipped with a video projector</li> <li>Attendance at teaching activities of at least 50%</li> </ul> <p>In online mode, the course will take place on the <a href="http://www.meet.google.com">www.meet.google.com</a> application. The link and materials will be available on Moodle – the UVT e-learning platform – <a href="http://www.elearning.uvt.ro">www.elearning.uvt.ro</a>.</p>
5.2 for seminary/laboratory development / <i>de</i> <i>desfășurare a seminarului / laboratorului</i>	<ul style="list-style-type: none"> <li>Internet acces</li> <li>Attendance at teaching activities of at least 50%</li> </ul> <p>In online mode, the course will take place on the <a href="http://www.meet.google.com">www.meet.google.com</a> application. The</p>

	link and materials will be available on Moodle – the UVT e-learning platform – <a href="http://www.elearning.uvt.ro">www.elearning.uvt.ro</a> .
--	---

**6. Class objectives – expected learning results, contributed to by reading and passing of the class / *Obiectivele disciplinei - rezultate așteptate ale învățării la formarea cărora contribuie parcurgerea și promovarea disciplinei***

General objective of the subject	<ul style="list-style-type: none"> <li>Identifying the criminal risk associated with IT technology</li> <li>Contact with computer crime investigation methods</li> </ul>
Specific objectives	<ul style="list-style-type: none"> <li>Awareness of the social danger of computer crime</li> </ul>
Abilities / <i>Abilități</i>	<ol style="list-style-type: none"> <li>Definition and proper use of technical terms</li> <li>Knowledge of the legal dimension of computer crime and anti-criminal practice</li> <li>Knowledge of computer crime investigation methods</li> <li>Individualization of punishments in the case of computer crime</li> <li>Carrying out professional tasks efficiently and responsibly</li> <li>Application of effective teamwork techniques (with interdisciplinary elements)</li> <li>Effective use of communication resources and sources of information and assisted professional training</li> </ol>

**7. Contents / *Conținuturi***

7.1 Lecture / <i>Curs</i>	Teaching methods / <i>Metode de predare</i>	Observations / <i>Observații</i>
<b>1. The notion of computer crime</b> <b>2. Classification of computer crimes</b>	Lecture/Dialogue	Conceptual framework
<b>3. Supranational legal instruments to combat computer crime</b> - International conventions - EU Directives	Lecture/Dialogue	Conceptual framework
<b>4. Substantial Romanian criminal law:</b> computer fraud, fraudulent financial transactions, acceptance of fraudulent financial transactions, falsification of credit certificates or payment instruments, circulation of falsified values, possession of instruments for the purpose of falsification of values, computer fraud	Lecture/Dialogue	Conceptual framework

<p><b>5. Substantial Romanian criminal law:</b> illegal access to a computer system, illegal interception of a transmission of computer data, alteration of the integrity of computer data, disruption of the operation of computer systems, unauthorized transfer of computer data, illegal operations with computer devices or programs</p>	Lecture/Dialogue	Conceptual framework
<p><b>6. Substantial Romanian criminal law:</b> child pornography, recruitment of minors for sexual purposes, harassment, unauthorized use of a computer program, violation of rights regarding protected digital content, unauthorized use of a trademark</p>	Lecture/Dialogue	Conceptual framework
<p><b>7. Procedural Romanian criminal law:</b> preservation of computer data, seizure of objects containing computer data, search of computer systems, technical surveillance (access to a computer system, interception of communications through computer systems)</p>	Lecture/Dialogue	Conceptual framework
<p><b>8. Criminal liability of legal persons for Cybercrime</b></p>	Lecture/Dialogue	Conceptual framework
<p>Bibliography / <i>Bibliografie</i> :</p> <ol style="list-style-type: none"> <li>George Zlati (2020). <i>Tratat de criminalitate informatică</i>. Vol. I. București: Solomon</li> <li>Laura Maria Stănilă (2020). <i>Inteligența artificială, dreptul penal și sistemul de justiție penală</i>. Amintiri despre viitor. București: Universul Juridic</li> <li>Gheorghe-Iulian Ioniță (2018). <i>Infrațiunile din sfera criminalității informatice</i>. Incriminare, investigare, prevenire și combatere. București: Universul Juridic, ediția a III-a</li> <li>Adrian-Cristian Moise (2015). <i>Dimensiunea criminologică a criminalității în cyberspațiu</i>. București: C.H.Beck</li> <li>Anamaria Trancă, Dumitru Cristian Trancă (2014). <i>Infrațiunile informatice în noul cod penal</i>. București: Universul Juridic</li> <li>Ioana Vasiu, Lucian Vasiu (2011). <i>Criminalitatea în cyberspațiu</i>. București: Universul Juridic</li> <li>Adrian-Cristian Moise (2011). <i>Metodologia investigării criminalistice a infrațiunilor informatice</i>. București: Universul Juridic</li> </ol>		

8. Ioana VasIU, Lucian VasIU (2006). Prevenirea criminalității informatice. București: Hamangiu		
7.2 Seminary / laboratory / Seminar / laborator	Teaching methods / Metode de predare	Observations / Observații
Case-law	Discussions	Case study
Bibliography / Bibliografie:		
1. Anamaria Trancă (2011). <i>Infrațiuni informatice. Practică judiciară</i> . București: Hamangiu		
2. Mariana Zainea, Raluca Simion (2009). <i>Infrațiuni în domeniul informatic. Culegere de practică judiciară</i> . București: C.H. Beck		
3. George Zlati (2020). <i>Tratat de criminalitate informatică. Vol. I</i> . București: Solomon		
4. Caselaw: <a href="http://www.scj.ro">www.scj.ro</a> ; <a href="http://www.rolii.ro">www.rolii.ro</a> ; <a href="http://www.jurisprudencedo.com">www.jurisprudencedo.com</a> .		

- 8. Unification of class contents with the expectations of the representatives of the epistemic community, professional organisations and employers from the class's relevant field(s) of applicability / Coroborarea conținuturilor disciplinei cu așteptările reprezentanților comunității epistemice, asociațiilor profesionale și angajatori reprezentativi din domeniul aferent programului**

Class contents corresponds to the curricula of other universities, from inside the country or from the European Union. The practical contents (laboratory works) correspond to the local labor market requirements. /  
Conținutul disciplinei corespunde curriculei din alte centre universitare, din țară sau Uniunea Europeană. Conținuturile practice (lucrări de laborator) corespund cerințelor de pe piața muncii locală.

## 9. Evaluation / Evaluare

Activity type / Tip activitate	9.1 Evaluation criteria / Criterii de evaluare	9.2 Evaluation methods / Metode de evaluare	9.3 Weight in final grade / Pondere din nota finală
9.4 Lecture / Curs	Evaluation of each student, by reference to minimal performance standards	Assessment followed by grade	50%
		Oral examination based on pre-defined topics/case study	40%
9.5 Seminary / laboratory / Seminar / laborator	Evaluation of each student, by reference to minimal performance standards	Ongoing evaluation	10%
9.6 Minimum performance standards / Standard minim de performanță			
<ul style="list-style-type: none"> <li>Grade 5 (five)</li> </ul>			

Date of completion /  
*Data completării*

Teacher for class /  
*Titular de disciplină*

Date of approval inside department /  
*Data avizării în departament*

Department director /  
*Director de departament*