

SYLLABUS / FIȘA DISCIPLINEI
1. Information on the study programme / Date despre programul de studii

1.1. Institution / Instituția de învățământ superior	Universitatea de Vest din Timișoara
1.2. Faculty / Facultatea	Matematică și Informatică
1.3. Department / Departamentul	Computer Science (Informatică)
1.4. Study program field	Computer Science (Informatică)
1.5. Study cycle/ Ciclul de studii	MSc / master
1.6. Study programme / Programul de studii / calificarea*	Artificial Intelligence and Distributed Computing

2. Information on the course / Date despre disciplină

2.1. Title of the course / Denumirea disciplinei		Research Practice					
2.2. Teacher in charge of the course / Titularul activităților de curs							
2.3. Teacher in charge of the seminar / Titularul activităților de seminar		Prof. Dr. Viorel Negru, Prof. Dr. Daniela Zaharie					
2.4. Study year / Anul de studii	II	2.5. Semester / Semestrul	1	2.6. Examination type / Tipul de evaluare: E(xam)/C(olloquim)	C	2.7. Course type / Regimul disciplinei: M(andatory)/ E(lective)/ F(acultative)	M

3. Estimated study time (number of hours per semester) /Timpul total estimat (ore pe semestru al activităților didactice)

3.1. Attendance hours per week / Număr de ore pe săptămână	3	out of which din care: 3.2 lecture/ curs	-	3.3. seminar/laborator	3
3.4. Attendance hours per semester / Total ore din planul de învățământ	42	out of which: 3.5 lecture / curs	-	3.6. seminar/laborator	42
Distribution of the allocated amount of time / Distribuția fondului de timp*					hours/ore
Individual study /Studiu după manual, suport de curs, bibliografie și notițe					35
Supplementary documentation at library or using electronic repositories / Documentare suplimentară în bibliotecă, pe platformele electronice de specialitate					25
Preparing for laboratories, homework, reports etc. /Pregătire seminarii/laboratoare, teme, referate, portofolii și eseuri					20
Exams / Examinări					7
Tutoring / Tutorat					6
3.7. Total number of hours of individual study / Total ore studiu individual	93				
3.8. Total number of hours per semester / Total ore pe semestru	135				

1.		
8.2. Seminar, lab / Seminar, laborator	Teaching/learning strategies / Metode de predare/ învățare	Remarks, details / Observații
1. How to access a bibliographical resource. Usage of Scopus, ScienceDirect, CiteSeer etc	Conversation, examples	Biblio : slides
2. How to organize and search a personal collection of scientific documents..		
3 How to search and choose a research idea		
4 How to prepare and conduct a research plan		
5 How to prepare a state-of-the-art report		
6 How to prepare a master thesis (structure, mandatory elements, frequent mistakes etc.)		
7 How to prepare a reference list and to properly cite works of other authors		

8	How to use editors for scientific texts. Illustration in LaTeX		
9	How to prepare and include figures, graphs, tables, images etc. in a report		
10	How to prepare an oral presentation		

Recommended bibliography / Bibliografie

The lab activity is based on the presentation of each topic followed by an open discussion. Brainstorming sessions will be organized.

9. Correlations between the content of the course and the requirements of the IT field / Coroborarea conținuturilor disciplinei cu așteptările reprezentanților comunității epistemice, asociațiilor profesionale și angajatorilor reprezentativi din domeniul aferent programului
10. Evaluation / Evaluare*

Activity / Tip de activitate	10.1. Evaluation criteria / Criterii de evaluare**	10.2. Evaluation methods / Metode de evaluare***	10.3. Weight in the averaged mark / Pondere din nota finală
10.4. Lecture / Curs			
10.5. Seminar/ lab	The students should prepare during the semester: 1. A research plan 2. A report containing a state of the art in the field of the master thesis 3. A research methodology 4. A relevant and up to date bibliography	Oral examination	50%
	Oral presentation of the intermediate report / bibliographic report of the master thesis		50%

10.6. Minimal knowledge for passing / Standard minim de performanță			
• General understanding of the material, ability to answer 50% of the questions.			

Date/ Data completării
1.10.2016

Signature (lecture) /
Semnătura titularului de curs

Signature (seminar)
Semnătura titularului de seminar

Signature (director of the department)
Semnătura directorului de departament
Conf.dr. Victoria Iordan