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| COURSE: Knowledge Engineering | | |
| DEGREE: Computer Science | YEAR: 4 | TERM: 1 |

La asignatura tiene 29 sesiones que se distribuyen a lo largo de 14 semanas. Los laboratorios pueden situarse en cualquiera de ellas.

Semanalmente el alumnos tendrá dos sesiones, excepto en un caso que serán tres

| WEEKLY PLANNING | | | | | | | | | |
|-----------------|---------|--|-----------------|----------|--|---|----------------------------------|-------------|-------------------------------|
| WEEK | SESSION | DESCRIPTION | GROUPS (mark X) | | SPECIAL ROOM FOR SESSION (Computer classroom, audiovisual classroom) | Indicate YES/NO if the session needs 2 teachers | WEEKLY PROGRAMMING FOR STUDENT | | |
| | | | LECTURES | SEMINARS | | | DESCRIPTION | CLASS HOURS | HOMEWORK HOURS (Max. 7h week) |
| 1 | 1 | Introduction to Knowledge Engineering | | | | NO | Personal studying | 1,6 | 2 |
| 1 | 2 | Fundamental problems of Knowledge Engineering | | | | NO | Personal studying | 1,6 | |
| 2 | 3 | Development methodologies | | | | NO | Personal studying | 1,6 | 5 |
| 2 | 4 | Knowledge adquisition for practice1 | | | Lab | NO | Personal studying and practicing | 1,6 | |
| 3 | 5 | Problem identification and knowledge adquisition | | | | NO | Personal studying and practicing | 1,6 | 5 |
| 3 | 6 | Preparation for practice1 | | | Lab | NO | Personal studying and practicing | 1,6 | |
| 4 | 7 | Conceptualization. Introduction | | | | NO | Personal studying and practicing | 1,6 | 7 |
| 4 | 8 | Preparation for practice1 | | | Lab | NO | Personal studying and practicing | 1,6 | |
| 5 | 9 | Conceptualization. Ontologies | | | | NO | Personal studying and practicing | 1,6 | 7 |

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| 5 | 10 | Preparation for practice1 | | | Lab | SI | Personal studying and practicing | 1,6 | |
| 6 | 11 | Formalization and implementation. Knowledge representation | | | | NO | Personal studying and practicing | 1,6 | |
| 6 | 12 | Development of practice 1 | | | Lab | SI | Personal studying and practicing | 1,6 | 7 |
| 7 | 13 | Formalization and implementation. Production systems I | | | | NO | Personal studying and practicing | 1,6 | |
| 7 | 14 | Development of practice 1 | | | Lab | NO | Personal studying and practicing | 1,6 | 7 |
| 8 | 15 | Formalization and implementation. Production systems II | | | | NO | Personal studying and practicing | 1,6 | |
| 8 | 16 | Development of practice 1 | | | Lab | NO | Personal studying and practicing | 1,6 | 7 |
| 9 | 17 | Formalization and implementation. Frames I | | | | NO | Personal studying and practicing | 1,6 | |
| 9 | 18 | Development of practice 1 | | | Lab | NO | Personal studying and practicing | 1,6 | 7 |
| 10 | 19 | Formalization and implementation. Frames II | | | | NO | Personal studying and practicing | 1,6 | |
| 10 | 20 | Development of practice 1 (Submit Practice 1) | | | Lab | NO | Personal studying and practicing | 1,6 | 7 |
| 11 | 21 | Domain-independent representation | | | | NO | Personal studying and practicing | 1,6 | |
| 11 | 22 | Development of practice 2 | | | Lab | SI | Personal studying and practicing | 1,6 | 7 |
| 12 | 23 | Automated Planning I | | | | | Personal studying and practicing | 1,6 | |
| 12 | 24 | Development of practice 2 | | | Lab | SI | Personal studying and practicing | 1,6 | 7 |
| 13 | 25 | Automated Planning II | | | | NO | Personal studying and practicing | 1,6 | |
| 13 | 26 | Development of practice 2 | | | Lab | NO | Personal studying and practicing | 1,6 | 7 |
| 14 | 27 | Exam preparation | | | | NO | Personal studying and practicing | 1,6 | 7 |
| 14 | 28 | Development of practice 2 | | | Lab | NO | Personal studying and practicing | 1,6 | |
| | 29 | Development of practice 2 | | | | NO | Personal studying and practicing | 1,6 | 7 |

Subtotal 1 **48,33** **96**

Total 1 (Hours of class plus student homework hours between weeks 1-14)

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|----|--|---------------------------------|--|--|--|--|--|---|--|
| 15 | | Tutorials, handing in, etc | | | | | | 8 | |
| 16 | | Assessment and exam preparation | | | | | | 8 | |
| 17 | | Submit Practice 1 | | | | | | 8 | |
| 18 | | Assessment and exam preparation | | | | | | 8 | |

Subtotal 2 **32**

Total 2 (Hours of class plus student homework hours between weeks 15-18)

TOTAL (Total 1 + Total 2. Maximum 180 hours)

176,33