Content

| Course Code | Course Name | Semester | Theory | Practice | Lab | Credit | ECTS |
|-------------|----------------------------|----------|--------|----------|-----|--------|------|
| INF 509 | Human Computer Interaction | 1 | 3 | 0 | 0 | 3 | 6 |

| Prerequisites | |
|------------------------|--|
| Admission Requirements | |

| Language of Instruction | English | |
|-------------------------|--|--|
| Course Type | Elective | |
| Course Level | Masters Degree | |
| Objective | The goal of the course is to familiarize students with the principles and research issues related to HCI | |
| Content | Week 1. Introduction to human computer interaction | |
| | Week 2. History of HCI | |
| | Week 3. Human: I/O channels, memory | |
| | Week 4. Human: reasoning and problem solving | |
| | Week 5.Computer: I/O devices, memory, processing | |
| | Week 6.Interaction: models of interaction | |
| | Week 7. Oral presentations | |
| | Week 8. Interaction styles | |
| | Week 9.Usability paradigms and principles | |
| | Week 10. Interaction design | |
| | Week 11.Oral presentations | |
| | Week 12.Graphical user interfaces | |
| | Week 13.Advanced topics | |
| | Week 14.Project presentations | |
| References | 'Human computer interaction', Alan Dix. | |

Theory Topics

| Week | Weekly Contents |
|------|--|
| 1 | Introduction to human computer interaction |
| 2 | History of HCI |
| 3 | Human: I/O channels, memory |
| 4 | Human: reasoning and problem solving |
| 5 | Computer: I/O devices, memory, processing |

| Week | Weekly Contents |
|------|------------------------------------|
| 6 | Interaction: models of interaction |
| 7 | Oral presentations |
| 8 | Interaction styles |
| 9 | Usability paradigms and principles |
| 10 | Interaction design |
| 11 | Oral presentations |
| 12 | Graphical user interfaces |
| 13 | Advanced topics |
| 14 | Project presentations |