ANX-PR/CL/001-01

LEARNING GUIDE

SUBJECT

103000890 - Human-computer Interaction Seminars Ii

DEGREE PROGRAMME

10AZ - Master Universitario En Innovación Digital

ACADEMIC YEAR & SEMESTER

2022/23 - Semester 1

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Learning guide

1. Description

1.1. Subject details

Name of the subject	103000890 - Human-Computer Interaction Seminars II
No of credits	2.5 ECTS
Type	Optional
Academic year ot the programme	Second year
Semester of tuition	Semester 3
Tuition period	September-January
Tuition languages	English
Degree programme	10AZ - Master Universitario en Innovación Digital
Centre	10 - Escuela Tecnica Superior De Ingenieros Informaticos
Academic year	2022-23

2. Faculty

2.1. Faculty members with subject teaching role

Name and surname	Office/Room	Email	Tutoring hours *
Jose Maria Barambones Ramirez	5106	j.barambones@upm.es	M - 10:00 - 12:00 Tu - 10:00 - 12:00 W - 10:00 - 12:00 It is recommended to make an appointment by email.

Cristian Moral Martos (Subject coordinator)	5110	cristian.moral@upm.es	M - 10:00 - 14:00 F - 10:00 - 12:00 It is recommended to make an appointment by email.
Elena Villalba Mora	5110	elena.villalba@upm.es	M - 10:00 - 12:00 W - 10:00 - 12:00 F - 10:00 - 12:00 It is recommended to make an appointment by email.

* The tutoring schedule is indicative and subject to possible changes. Please check tutoring times with the faculty member in charge.

3. Skills and learning outcomes *

3.1. Skills to be learned

CB06 - Poseer y comprender conocimientos que aporten una base u oportunidad de ser originales en el desarrollo y/o aplicación de ideas, a menudo en un contexto de investigación

CB07 - Que los estudiantes sepan aplicar los conocimientos adquiridos y su capacidad de resolución de problemas en entornos nuevos o poco conocidos dentro de contextos más amplios (o multidisciplinares) relacionados con su área de estudio

CB09 - Que los estudiantes sepan comunicar sus conclusiones y los conocimientos y razones últimas que las sustentan a públicos especializados y no especializados de un modo claro y sin ambigüedades

CE-DIPO05 - Capacidad para utilizar un enfoque de diseño centrado en el usuario para la superación de los retos organizativos y de negocio con una mentalidad empresarial

CG05 - Comprensión de los principios de la gestión de proyectos, riesgo y cambio, así como poseer la capacidad de aplicar metodologías y procesos para gestionar proyectos y mitigar los riesgos.

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CG06 - Capacidad para gestionar la información.

3.2. Learning outcomes

RA15 - Understand how user-centred design methods are used in non-academic environments

RA16 - Understand the relevance of continuing education

RA17 - Acquire specialized knowledge from innovative fields of studies

RA14 - Apply the acquired knowledge in real contexts

* The Learning Guides should reflect the Skills and Learning Outcomes in the same way as indicated in the Degree Verification Memory. For this reason, they have not been translated into English and appear in Spanish.

4. Brief description of the subject and syllabus

4.1. Brief description of the subject

The course includes a set of seminars to deeply work around concrete edge topics related to User Experience (UX) in general; and Adaptive and Accessible Interaction in particular.

The seminars can be of two types: visits held by external institutions and master classes taught by experts.

In the seminars, students will work on topics like Analysis and specification of the context of use, Design of solutions for people with disabilities in their daily life, Evaluation of the usability and accessibility of specific systems, Ubiquitous Computing, Brain-Computer Interaction, Data Mining or eHealth.

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4.2. Syllabus

1. Seminar 1

2. Seminar 2

3. Seminar 3

4. Seminar 4

5. Seminar 5

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5. Schedule

5.1. Subject schedule*

Week	Classroom activities	Laboratory activities	Distant / On-line	Assessment activities
1				
2	**Seminar 1** Duration: 02:00			
3	**Seminar 1** Duration: 03:00			
4				
5	**Seminar 2** Duration: 03:00			
6	**Seminar 2** Duration: 02:00			
7				
8	**Seminar 3** Duration: 03:00			
9	**Seminar 3** Duration: 02:00			
10				
11	**Seminar 4** Duration: 03:00			
12	**Seminar 4** Duration: 02:00			
13				
14	**Seminar 5** Duration: 03:00			
15	**Seminar 5** Duration: 02:00			
16				
17				**Evaluation of seminars along the course.** Continuous assessment Not Presential Duration: 25:00

Depending on the programme study plan, total values will be calculated according to the ECTS credit unit as 26/27 hours of student face-to-face contact and independent study time.

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* The schedule is based on an a priori planning of the subject; it might be modified during the academic year, especially considering the COVID19 evolution.

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6. Activities and assessment criteria

6.1. Assessment activities

6.1.1. Assessment

Week	Description	Modality	Type	Duration	Weight	Minimum grade	Evaluated skills
17	Evaluation of seminars along the course.		No Presential	25:00	100%	/ 10	CB06 CE-DIPO05 CB07 CB09 CG05 CG06

6.1.2. Global examination

No se ha definido la evaluacion sólo por prueba final.

6.1.3. Referred (re-sit) examination

No se ha definido la evaluación extraordinaria.

6.2. Assessment criteria

Assessment criteria

The assessment will be made based on the following criteria:

- Ability to effectively communicate with others.
- Ability to debate and reason own ideas and decisions.
- Ability to understand concepts.
- Ability to adapt to real contexts
- Ability to write professional reports
- Responsibility and ethical aspects

Each seminar speaker will decide which activities will be used to assess the seminar: active participation, debate or individual or group submission. The evaluation activities will be communicated to students at the beginning of each seminar.

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Progressive evaluation

Due to the nature of the subject, the **evaluation can only be done during the teaching period**, by attending the seminars and performing the evaluation activities proposed by the speakers of the seminars. Then, if a seminar is missed, the assessment activities related to it will be graded with a 0/10, and this grade cannot be recovered neither in the global evaluation nor in the extraordinary one.

7. Other information

7.1. Other information about the subject

Given the nature of the subject, its content varies from year to year depending on the seminars that are taught, so it is impossible to clearly establish which Sustainable Development Goal (SDG) will be worked on in it.

Note 1: Please bear in mind tutoring hours may change along the course. Please, ask for an appointment in advance.

Note 2: The number, duration and planning of the seminars may vary depending on the availability of the speakers. The final number of seminars and the date of their delivery will be communicated to the students at the beginning of the course.