

Tecnologias e Design de Multimédia



Code 9491

Department Computer Sciences Department

Degree Licenciado

Initial registry:
Registry R/A-Ef 733/2011 from 18-03-2011
Changes registry:
R/A-Ef 733/2011/AL01 from 19-04-2017

Duration 3 year(s)

Regime Daytime

One of the following:
National 03 Drawing
entrance exams 12 History of Culture and Arts
16 Mathematics

Course director Valter Nelson Noronha Alves
Sílvia Moreira

Course Secretariat Telephone: +351 232 480 500
sec-di@di.estgv.ipv.pt

Curricular structure

1st Year - 1st Semester

Course unit	Contact hours				ECTS
	T	TP	PL	O	
9491-31821526 - Creativity and Multimedia Communication	19,5	39	-	-	5
9491-31821528 - Drawing and Representation	19,5	-	26	-	4
9491-31821527 - Multimedia Design	19,5	-	52	-	6.5
9491-31821525 - Fundamentals of Multimedia	19,5	39	-	-	5
9491-31821524 - Programming and Problem Solving	19,5	52	-	-	6
9491-3182758 - Perceptual Psychology	13	26	-	-	3.5

T - Theoretical; TP - Theoretical and Practical; PL - Practical and laboratorial; O - Other types

1st Year - 2nd Semester

Course unit	Contact hours				ECTS
	T	TP	PL	O	
9491-31821530 - Composition and Photography	13	-	52	-	5.5
9491-31821532 - Identity Design	13	-	39	-	5
9491-31821531 - Interaction Design I	13	-	52	-	5.5
9491-31821529 - Fundamentals of Mathematics	-	26	19,5	-	3.5
9491-31821533 - Programming and Data Structures	13	-	52	-	5.5
9491-31821534 - Integrated Project I	-	-	52	-	5

T - Theoretical; TP - Theoretical and Practical; PL - Practical and laboratorial; O - Other types

2nd Year - 1st Semester

Course unit	Contact hours				ECTS
	T	TP	PL	O	
9491-31821480 - Internet Applications I	13	-	52	-	5.5
9491-31821536 - Audiovisual Content I	13	-	52	-	5.5
9491-31821537 - Interaction Design II	19,5	-	39	-	5
9491-31821535 - Introduction to Communication Networks and Services	13	39	-	-	4.5
9491-31821538 - Object Oriented Programming	13	-	39	-	4.5
9491-31821539 - Integrated Project II	-	-	52	-	5

T - Theoretical; TP - Theoretical and Practical; PL - Practical and laboratorial; O - Other types

2nd Year - 2nd Semester

Course unit	Contact hours				ECTS
	T	TP	PL	O	
9491-31821541 - Animation	13	-	39	-	4.5
9491-31821490 - Internet Applications II	13	-	52	-	5.5
9491-31821372 - Databases	13	39	-	-	4.5

9491-31821542 - Audiovisual Content II	13	-	39	-	4.5
9491-31821540 - Interactive Content	19,5	-	52	-	6
9491-31821543 - Integrated Project III	-	-	52	-	5

T - Theoretical; **TP** - Theoretical and Practical; **PL** - Practical and laboratorial; **O** - Other types

3rd Year - 1st Semester

Course unit	Contact hours				ECTS
	T	TP	PL	O	
9491-31821544 - Database Applications	13	-	52	-	5.5
9491-31821545 - Internet Applications III	13	-	52	-	5.5
9491-31821546 - Mobile Device Applications	19,5	-	52	-	6.5
9491-3182415 - Computer Graphics	13	-	52	-	5.5
9491-31821547 - Integrated Project IV	-	-	78	-	7

T - Theoretical; **TP** - Theoretical and Practical; **PL** - Practical and laboratorial; **O** - Other types

3rd Year - 2nd Semester

Course unit	Contact hours				ECTS
	T	TP	PL	O	
9491-31821549 - Advanced Multimedia Applications	19,5	-	39	-	5
9491-31821548 - Game Development	19,5	-	52	-	6.5
9491-31821523 - Digital Marketing	13	26	-	-	3.5
9491-3182179 - Project Work	-	-	-	45,5	15

T - Theoretical; **TP** - Theoretical and Practical; **PL** - Practical and laboratorial; **O** - Other types

Scientific areas

Areas	ECTS
Audiovisual and Media Production	10
Computer Science	60
Complementary Skills	3.5
Design	45
Mathematics	3.5
Multimedia	58
Total	180 (*)

(*) Some course units are assigned to more than one scientific area. The total ECTS of the course is .