UNIVERSITAT POLITÈCNICA DE CATALUNYA BARCELONATECH
UPC Centre de la Imatge i la Tecnologia Multimèdia

LISTADO COMPLETO DE PROGRAMAS DE COMPETENCIA - REFERENCIA MU TECNOLOGÍAS CREATIVAS Y DISEÑO

ÁMBITOS DE ENFOQUE DEL PROGRAMA SEGÚN DESCRIPTORES WEB

Research	Applied research, trans-cross-multi-interdisciplinary research
Creative Technology	Creative coding, physical computing, IoT, programming, digital fabrication
Interaction & Extended Reality	Experience Design, User Experience, Tangible, Intangible Interactions, AR, VR, XR
Art & Creativity	Art, science & Tech, Innovation, Futures
Humanities & Social Sciences	Philosophy, Ethics, History, Art History, Sociology, Psychology, ,..
Audiovisual & Media	Animation, Motion Graphics, Advanced Graphics, CGI, Videogames
Design & communication	Product Design, Visual Design, prototyping, design thinking, design studios, storytelling , data viz,...
other	Engineering, sound design
	No public information available on focuses in their websites

Master Name	Institution	Country	Duration / ECTS	N Students	Mandatory (%)	Electives (%)	Thesis (%)	Cost	Focus 1	Focus 2	Focus 3	Focus 4	Focus 5
NATIONAL													
1 Master Universitari en Arts Digitals i Technologies Creatives	La Salle	Spain	9 months (2Q) 60 ECTS	50	25	50	25	10.800€	Interdisciplinarity	Expanded Audiovisual Media	Anti-disciplinary Research	Art, Science & Tech	
2 MBDesign. Advanced Studies in Design	UPC- UB	Spain	1 year (2Q) 60 ECTS	75	25	50	25	1660 (4150 non-EU)	Contemporary Design	Design, Innovation and Technology	Design Research	Industrial Design Engineering	Art Direction in Design
3 Research Master in Art and Design (MURAD)	Eina - UAB	Spain	1 year 60 ECTS	50	24	12	12	9.300 € - 10300 non-eu	New phenomena art-design	research + theory - double perspective	Experimentacion	multidisciplinarity	Collaboration
4 Master Universitario en Diseño y Comunicación (	Elisava -Uvic	Spain	9 months 60 ECTS	-	45		15	11.900€	Desarrollo Multimedia	Creación Digital	Humanidades Digitales		
5 Master in Data Design	Elisava -Uvic	Spain	9 months 60 ECTS	-	45		15	13.650	Data Design & Analysis	Visualization	Storytelling		
6 Master Universitari en Design Research	BAU- UVic	Spain	9 months 60 ECTS	20	36	12	12	10.115€	Transversal	Creativitat i esperitcrític	Reflexió en acció	Experimentació en disseny	Pràctica disseny diferents disciplines
7 MDEF1. The Master in Design for Emergent Futures	IAAC	Spain	90 ECTS 3 terms (9 month)	min 11	62		13	Non-EU: 23.850€ EU: 19.800€ Spanish: 11.925€	Exploration	Intrumentation	Reflection	Application	
7 MDEF1+2. The Master in Design for Emergent Futures	IAAC	Spain	MDEF 1 +2 (18 months) 120 ECTS	min 11	79		41	Non-EU: 31.800€ EU: 26.400€ Spanish: 15.900€	Academic orientaton	Business orientation	Collective orientation		
31 Master n Digital Culture and Emerging Media	UPF	Spain	1 curs (60 crèdits ECTS)		37	4	15	Estudiants UE: 1.800 € | Estudiants no UE: 5.749,8 €	fenòmens socials i culturals que envolten els mitjans digitals	basic or applied research or research linked to the practice	merging media and techno-cultural trends	exploring the complex relationships between society, technology, communication and the media.	
32 Màster Universitari en Sistemes Cognitius i Mèdia Interactius	UPF	Spain	1 curs (60 crèdits ECTS)		20	20	20	Estudiants UE: 1.800 € | Estudiants no UE: 5.749,8 €	enfocament interdisciplinari,	investigaran, desenvoluparan i dissenyaran els mitjans i sistemes cognitius interactius de les nostres societats futures.	la tecnologia interactiva	les ciències cognitives	Mèdia interactius
33 Master Oficial en Diseño de Interacción y Experiencias Inmersivas	LCI	Spain	1 curs (60 crèdits ECTS)		47		13	informació no oberta10680 €	metodologías de investigación	herramientas de expresión digital	prototipado y la programació	experiencias digitales para entornos web y app o a partir del uso de tecnologías inmersivas como la realidad aumentada y la realidad virtual	
INTERNATIONAL													
8 MAS Media Lab Media Arts and Sciences	Mit Media Lab	USA	90 Credits USA 180 ECTS 2 Years (4 Q)	50	32	34	24		Human-computer Interaction	Communication Design	Entrepreneurship	Interdisciplinary initiative	
9 ITP Interactive Telecommunication Program MPS	Tisch NYU	USA	60 credits USA 120 ECTS 2 YEARS / 4 Q STEM	110	32	80	8	147396	Critical thinking	Creative Exploration	Learn how to learn	Embrace Failure	Technical Skills
10 Design & Technology MFA	Parsons, The New School	USA	60 credits USA 120 ECTS 2 YEARS / 4 Q STEM	100	48	48	24	114016	creative practice on society	Dynamic, challenging, idea-driven environment	technology+ critical eye	impact computational technologies	Game design, new media art, digital fabrication, physical computing, interaction design, data viz, critical design
11 Master in Art & Media	Aalto	Finland	120 ECTS 2 years	-	60	30	30	EU: free non-EU: 30000	apply advanced theoretical and practical knowledge	carry out and facilitate idea and project development between arts and sciences	artistic-, research- and design-based thinking	Game Design and Development, New Media, Photography, Sound in New Media,	Visual Communication Design, Visual Culture, Curating and Contemporary Art
12 Master In Design Studies MDes	Harvard	USA	64 USA- 128 ECTS 2 years (4Q)		24	104	16	110000$	Interdisciplinary Art & Design practice	Digital Fab	Human-machine Interaction	Ecologies, Mediums, Narratives & publics	
13 Interface Cultures	University of Arts Linz	Austria	120 ECTS 2 years		75	15	30	EU: free non-EU: 2907	confluence of media / digital art, interactive art	interface design and participatory practices at the intersection of art, technology and artistic research	Research on cultural aspects of interface and interaction design	Focus on critical data, sustainable IT and the environmental issues of digitalisation	> Transmission of conceptual as well as practical prototype dev.

Program	Institution	Country	Duration / Credits	N1	N2	N3	N4	Fees					
14 Digital + Media MFA	RISD	USA	60 USA credits 120 ECTS		60	30	30	117380	Explore art, technology, and emergent practices - Nexus art and technology	research-driven + critically informed creative practices	Research methods and forms - digital and analog to investigate technology as a creative medium and cultural-historical phenomenon.	Tech & society	
15 Media Arts and Sciences (Extended Reality Technologies), MS	Arizona State University (ASU)	USA	33 USA credits 66 ECTS		42	18	6	37497	content, software and hardware for virtual, augmented and mixed realities.	immersive technologies, including simulation,	visualization, .	interaction, computer vision, human-computer interaction, experience design,	artificial intelligence and machine learning
16 Media Arts and Sciences, MS	Arizona State University (ASU)	USA	33 USA credits 66 ECTS		18	42	6	37497	practitioners and makers in design	software and system development	embodied media design	interdisciplinary environment	real-time media creation
17 Art (Digital Technology), MFA	Arizona State University (ASU)	USA	60 USA credits 120 ECTS		36	72	12	74994	theoretical and aesthetic foundation	art with a concentration in digital technologies	audio, video, photography, printing, compositing	interactive scultpure	rapid prototototyping
18 Interactive Media Technology MSc	KTH	Sweden	120 ECTS		29,5	60,5	30	EU: free non-EU: 30070	skills & knowledge	designing, developing and evaluating interactive products and media.	user experience, interaction design	sound and music computing	user-centered software development
19 Creative Robotics MSc	UAL	UK	1 year					UK : 15.500€ Int :33306€	Advanced robotic skills:	Critical engagement with robotics:	Robots as cultural object	Technical and creative teaching:	
20 Creative Computing MRes	UAL	UK	180 UK credits 90 ECTS		50		40	UK : 15.500€ Int :33306€	Creativity, Machine Learning and AI,	Human Computer Interaction	Platforms, Big Data and Digital Citizenship:		
21 MA/MSc Computing and Creative Industry (Modular) (UAL)	UAL	UK	180 UK credits 90 ECTS			60	30	UK : 15.500€ Int :33306€	Creativity	Computing	Industry		
22 MA Digital Media and Culture, Center for Interdisciplinary Methodologies	University of Warwick	UK	1 year 90 ECTS		30	30	30	UK: 14817€ Int: 31744€	interdisciplinary knowledge	digital technologies media and infraestructures in relation to culture economics politics and society	theory, research methods and creative practice	digigital culture, including platformisation, participatory culture, media activism, d	digital labour and political economy, privacy and surveillance, behavioural design, data critique, and environmental sustainability.
23 Master of Arts and Interaction Design	Supsi	Switzerland	1 year 90 ECTS		60		30	Swiss: 3811€ Int: 7200€	design thinking,	prototyping techniques, digital fabricationprogramming, and physical computing	design culture and the technological developmen	design-driven innovations	
24 Digital Innovation and Research MSc	fhstp	Austria	4 semesters, full-time/dual 120 ECTS	12	90	10	20	Austria: 1300€ 6000€ Int	Innovation	Research	digitalization		
25 Creative Computing BSc	fhstp	Austria	6 semesters - full.-time 180	75	155	10	15	"Austria: 2000€ 9000 € Int"	digital transformation	planning, designing and programming knowledge	User Interface Design, Augmented & VR	Game design	Web technologies & mobile programming
26 MFA Computational Arts	Goldsmith's Computing	UK	2 years full-time 4 part-time 360 UK credits 180 ECTS		105	30	45	Home - 29000€ Int 43000€	digital technology	arts practice through the expressive world of creative computation.	fundamentals of programming	fast-evolving context	diverse range of media: 3d printer, laser cutters, robotics, wearables,...
27 MPhil/PhD Arts & Computational Technology	Goldsmith's Computing	UK	3-4 years full-time						arts practice (1 supervisor)	computational practice (1 supervisor)	shifts you make between artistic, technical, practical, conceptual and theoretical domains in relation to your own unique vision	new forms of artistic expression, and in their invention and application of new technologies	
28 Games & Playful Design MA	Goldsmith's Computing	UK	1 year full-time 180 UK 90 ECTS		60		30	Home - 29000€ Int 43000€					
29 MA Virtual & Augmented Reality	Goldsmith's Computing	UK	1 year full-time 180 UK 90 ECTS	10	37,5	22,5	30	Home - 29000€ Int 43000€	3D Graphics and	User Experience Pathway	virtual and augmented reality	technology	psychology
30 MSc Virtual & Augmented Reality	Goldsmith's Computing	UK	1 year full-time 180 UK 90 ECTS	10	37,5	22,5	30	Home - 29000€ Int 43000€	Programming and Com	virtual and augmented reality			
31 Master n Digital Culture and Emerging Media	UPF	Spain	1 curs (60 crèdits ECTS)		37	4	15	UE: 1.800 € | no UE: 5.750 €					
32 Màster Universitari en Sistemes Cognitius i Mèdia Interactius	UPF	Spain	1 curs (60 crèdits ECTS)		20	20	20	UE: 1.800 € | no UE: 5.750 €					
33 Master Oficial en Diseño de Interacción y Experiencias Inmersivas	LCI	Spain	1 curs (60 crèdits ECTS)		47		13	informació no oberta10680 €					
34 Master of Human-Computer Interaction	Carnegie Mellon	USA	1 year including summer 156-168 units 52-56 USA 104-112 ECTS aprox		37	27	42	82500	interdisciplinary	HCI computer science	cognitive psychology, behavioral science	design	
35 Master of Fine Arts in Media Art	UCLA	USA	3 years					state -54408 non-state 99700	media arts	critical approaches & research	computer programing and soft dev	3D literacy and virtuality	physical media: 3D printing, mechanics and robotics