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DocTalent4EU

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Open database on existing training programs to address selected transferable skills

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[1] PU: Public, SEN: Sensitive

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1.1	12/05/2023	Domingo Sánchez (UAH)	First draft
1.2	22/05/2023	João Pedro Pêgo (UPORTO)	UPORTO feedback on open database courses
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1.8	31/05/2023	Domingo Sánchez (UAH), Ignacio Bravo (UAH)	Final version

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This document has been submitted to the European Commission but is still under approval.

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Deliverable D2.1

Open database on existing training programs to address selected transferable skills

31/05/2023

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Abbreviations and Acronyms

Abbreviation / Acronym	Description
EUF	European University Foundation
HVL	Western Norway University of Applied Sciences
TUIASI	Gheorghe Asachi Technical University of Iasi
UAH	University of Alcalá
UCA	University of Cote D´Azur
UiT	The Arctic University of Norway
UL	University of Limerick
UPORTO	University of Porto
DoA	Description of the Action
ECR	Early Career Researcher
EDC	European Digital Credential
EQF	European Qualifications Framework
ERA	European Research Area
ESCO	European Skills, Competences, and Occupations
EUA	European Universities Alliances
HEI	Higher Education Institution
IPR	Intellectual Property Rights
GA	Grant Agreement
KER	Key Exploitable Result
KPI	Key Performance Indicator
LTMC	Local Talent Management Centre
MOOC	Massive open online course
OA	Open Access

TA	Target Audience
WP	Working Package

1. Introduction

The Horizon Europe project DocTalent4EU aims «to enhance PhD employability through a strong, visible, and innovative recognition-system of the most in-demand transferable skills (relying on the ESCO Framework) that early-career researchers (ECRs) acquire or will acquire through their doctoral training and research activities. The consortium will adopt a multi-actor approach involving non-academic stakeholders (e.g. public authorities, industries or business) to improve transferable skills training and to develop local talent management centres», as stated in its Description of Action, Annex 1 of the Grant Agreement (DoA).

This document outlines the Desk research on existing courses (UAH, UPORTO, HVL, UL, EUF), where are the partners responsible for Task 2.1: Desk research on existing courses. However, the contributions also have been collected from UCA, UiT and TUIASI.

This document describes the open courses available from MOOC platforms along with a map of all courses offered by partner universities aimed at acquiring transversal competencies for doctoral candidates. This will allow to prioritise the course development in subsequent tasks and feed an open database of courses that will be made available via the career development platform (WP4).

We employed search engines and established databases such as CORDIS, searching through keywords like "doctoral training", "transferable skills", etc. and prioritised courses in English for wider accessibility. We have explored platforms such as EDX, Coursera, FutureLearn, LeadAcademy, Udacity, NAU, OpenHPI, Skillshare and OpenCourseWorldhas. These are the most populated open platforms with a huge set of courses which include the acquisition of transferable skills.

This database has been developed in parallel with the ones in WP1 and will follow a common taxonomy to ensure interoperability.

2. Methodology

The first step was to request from all the university partners of the project a list of doctoral courses taught by each institution and including the most relevant transversal competencies. The aim was to obtain a full picture of the actions carried out by each institution to make a comparison of the skill set managed at each university. We also wanted to know the number of hours or ECTS credits (in the case of partners) that each course contemplates. Finally, to know the availability or not of access to these courses in open-access format and thus be able to be included in the catalogue of offerings for any PhD candidate.

It is important to note that it is not the purpose of this catalogue or database that the participating universities enable or certify the contents taught by other institutions since each European country has different regulations. However, it is essential to offer doctoral candidates the possibility of accessing courses that fully or partially handle different transversal competencies. Moreover, this information is relevant when justifying the contents of the Task 2.3: Courses design.

As a second step, we searched MOOCs which are addressing transferable skills aligned with the project goals. To extract the list of available MOOCs we used the mooc-list web page (https://www.mooc-list.com/), which contains a list of MOOCs from different providers such as EDX, Coursera among others. The reason for using this website, in addition to encompassing courses from multiple providers, is that it has a search engine (see Figure 1) that allows searching based on different criteria such as course title, provider or skills.

Upcoming MOOCs and Free Online Courses

▼ Sort options

SORT BY

| Start Date Asc | ⌄ |

► Course Title Contains   ► Course Category   ► Initiative/Provider

▼ Subjects/Skills

| | ○ |

| Filter |

Figure 1. Search window from **https://www.mooc-list.com/.**

In order to find only the courses relying to the ESCO competencies that are of interest for the project, we extracted the list of competencies that are categorized on the website, obtaining a total of 4715.

With that list, and the list of ESCO competencies that are the object of study, a manual search has been carried out to perform the correspondence between the competencies of the two lists. As expected, it was not possible to find a correspondence for each of the competencies, since there are some for which no relationship was found at first sight.

KEY	SKILLS
Analytical Thinks	think analytically
Change Management	adapt to change
Communication Syste	use communication and collaboration software
Confidence	show confidence
Conflict Management	resolve conflicts
Creative Thinking	think creatively
Creativity	express yourself creatively
Creativity Technique	express yourself creatively
Crisis Management	cope with uncertainty, manage frustration
Critical Care	accept criticism and guidance
Curiosity	demonstrate curiosity
Cibersecurity	apply digital security measures
Decision making	make decisions

Figure 2. Window from https://www.mooc-list.com/ to redefine the skills and competencies to be searched.

Once the list of skills was obtained, a webscrapping program was carried out, thanks to the Selenium tool, capable of automatically extracting the information from each of the links of the courses offered by the search engine, thus obtaining a list of 255 courses for which information on the title, course link, provider, cost, duration or language, among others, has been obtained.

ESCOTAG	assume responsability, exercise rights and responsabilities
MOOCTAG	responsability
Title Course	Building your leadership skills (Coursera)
URL Course	www.coursera.org/learn/leadership-skills
Resume Course	When taking this course you will raise your own self-awareness and gain self-confidence for a better leadership
Access Type	Course Auditing
Initiative/Provider	Coursera
University/Entity	HEC Paris
Instructors	Valerie Gauthier
Categories	Management & Leadership Business
Country	France
Course level	Mixed
Course Lenght	3 Weeks
Estimated Effort	5-10 hours/week
Exam	Yes, Paid Exam and/or Final Project
Certificate	Paid Certificate
Languages	English
Closed captions	Vietnamese Turkish Spanish Russian Portuguese Persian Korean Italian Greek German French English

Figure 3. Window from web scrapping program used to optimize the skills search.

The next steps were to try to increase the list of courses obtained so far and then verify the information extracted, since in some cases, the skills are too generic and include areas that are not relevant to the study.

3. List of open database courses

According to the task description from the Grant Agreement, the D2.1 will produce an "Open database on existing training programs to address selected transferable skills". Due to this matter, the database hosts Doctoral Training courses from each University partner and OpenAccess courses from MOOC platforms. Both approaches include detailed information regarding the addressed transferable skills in each course. Also, and based on the GA this public information must be contained in the Career Management platform of DocTalent4EU project.

Thus this link contains the list of courses addressed in Task 2.1: Desk research on existing courses.

*** link to be provided by EUF **

4. Conclusion

Based on the information found both in the courses developed by the universities and in the MOOCs search, some conclusions can be drawn from the information gathered.

On the one hand, Figure 4 shows a summary (in %) of the competences addressed by each university among the different courses grouped into 6 large blocks of ESCO competences:

•   T1 - Core skills and competences

•   T2 - Thinking skills and competences

•   T3 - Self-management skills and competences

•   T4 - Social and communication skills and competences

•   T5 - Physical and manual skills and competences

•   T6 - Life skills and competences

It can be seen that "Social and communication skills and competences" (T4) is the most prevalent set of skills in Figure 4. It is followed by "Thinking skills and competences" (T2). If we compare the majority groups in Figure 4 with those from the MOOCs courses (Figure 5), we can see that there is no overlap with the majority groups in this figure (T3 and T1). Although these results may seem divergent at first sight, the appropriate reading to make of them is that of complementarity. Universities provided courses emphasize skills and competences related with critical thinking, creativity (T1) and social interaction. These skills and competences are developed by interacting with others, which works best in-person. MOOCs tend to focus their offer in skills and competences that either are more technical in nature (e.g. mastering languages and digital skills) or that develop the autonomy and self-management of the trainees. These skills can be easily developed in online learning environments. In other words, the universities participating in this project can complement the set of ESCO competences from Open Access courses available on MOOCs platforms.

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Task 1.1: Mapping the transferable skills against ESCO, and Task 1.2: Gathering feedback from the non-academic sector on most needed transferable skills in WP1, will extend the conclusions from the collected data.
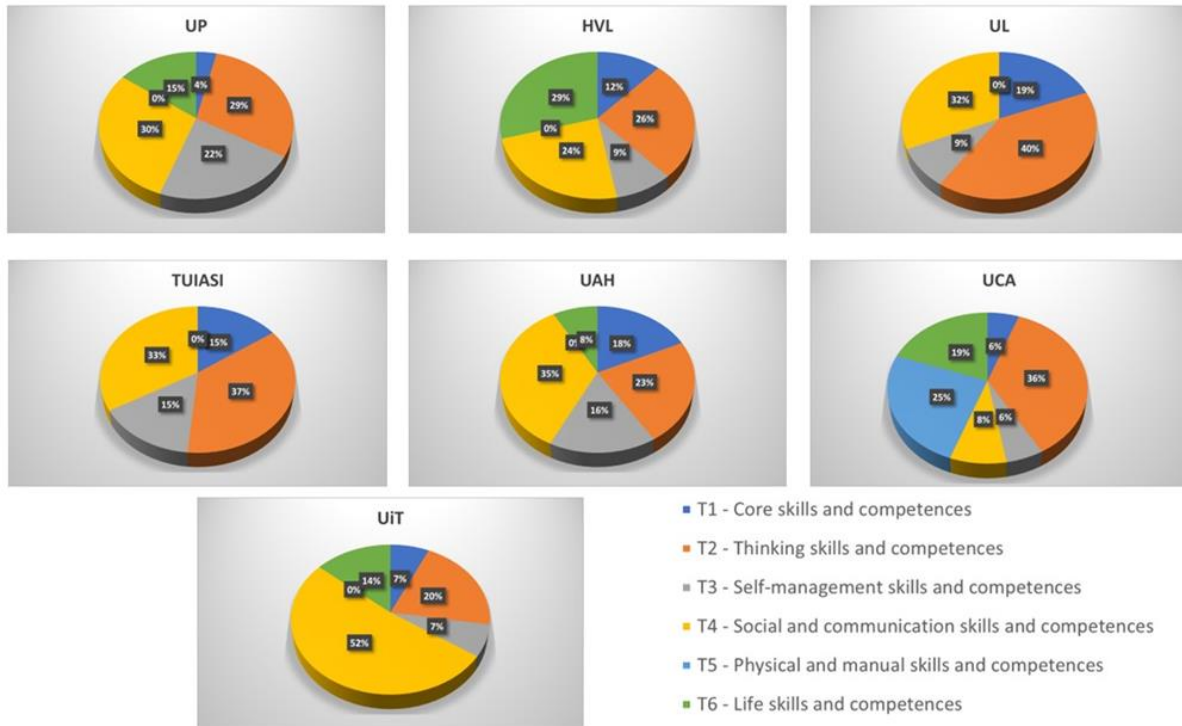

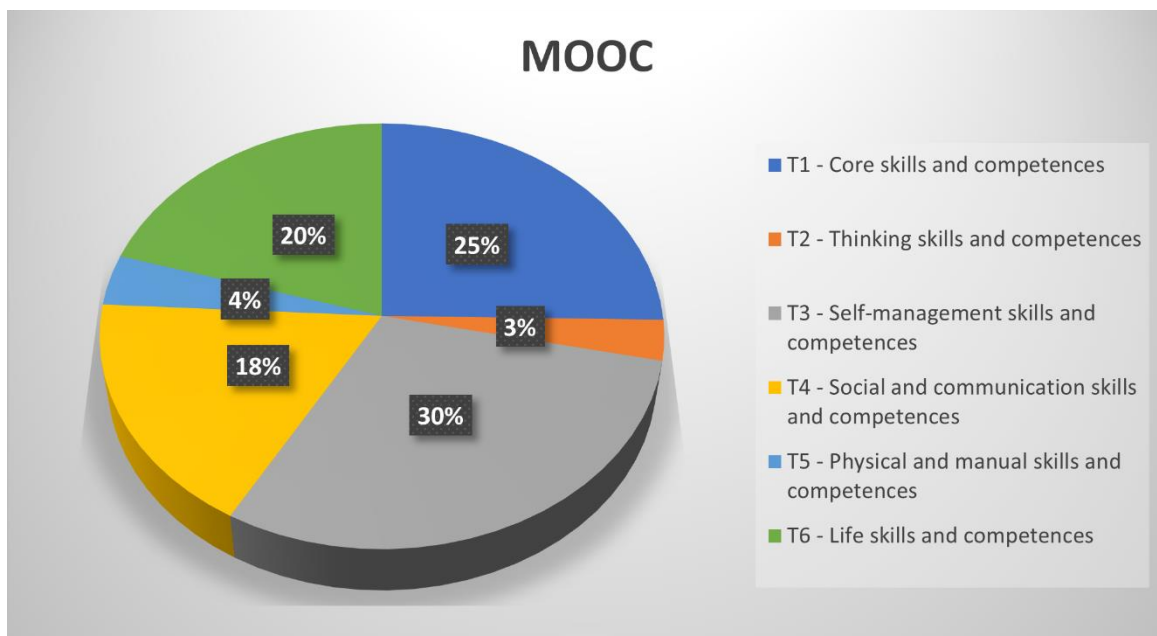**Figure 4. Overview of addressed transferable skills by groups and partner.**

Figure 5. Overview of addressed transferable skills from MOOC courses.

Type of Training	Name of Training module	Name of Training Provider	Timing of Provision	ECTS
online	Basic issues of personal data protection in research	Faculty of Law. University of Alcalá	15.12.2022	none
online	Responsible conduct in research: Ethics in scientific writing and publication, authorship and plagiarism.	Central Library. University of Alcalá	06.06.2022 - 14.06.2022	none
online	Scientific publishing and Open Access: best practices at the University of Alcalá	Central Library. University of Alcalá	14.02.2022 - 20.02.2022	none
online	Science and Research: General Framework, Research Career, R&D&I Funding	Vice-President. University of Alcalá	03.05.2022 - 06.05.2022	none
online	Research Projects	Vice-President. University of Alcalá	16.05.2022 - 20.05.2022	none
online	University, research and SDG	Faculty of Economics. University of Alcalá	20.01.2022 - 27.01.2022	none
Classroom	Do you care for the Earth while doing your doctoral dissertation? Environmental dimensions of research	Faculty of Science. University of Alcalá	08.02.2022 - 22.02-2022	none
Online	Reading images. Visual literacy development	Faculty of Humanities. University of Alcalá	01.11.2022 - 30.11.2022	none
Online	Communicating Science: Introductory Course on Science Dissemination	Faculty of Humanities. University of Alcalá	22.11.2021 - 10.12.2021	none
Online	Techniques for the proper preparation of your documents in the academic field	Faculty of Documentation. University of Alcala.	15.11.2021 - 13.12.2021	none
Hybrid	Oral presentation of research papers in Spanish: communication and defense of doctoral thesis.	Faculty of Humanities. University of Alcalá	14.02.2022 - 28.02.2022	none
online	Presenting and defending your academic work in English	Faculty of Humanities. University of Alcalá	07.02.2022 - 24.02.2022	none

Classroom	VI COMPETITION: THESIS IN 3 MINUTES	Doctoral School. University of Alcalá	10.05.2022 - 10.06.2022	none
online	II Contest "Your Doctoral Thesis in a Twitter Thread: #HiloTesis".	Doctoral School. University of Alcalá	19.04.2022 - 30.04.2022	none
online	Search strategies and information management	Central Library. University of Alcalá	06.06.2022 - 10.04.2022	none
online	Statistical methods for research in Arts, Humanities, Education and Social and Legal Sciences.	Faculty of Economics. University of Alcalá	06.06.2022 - 30.06.2022	none
online	Exploratory data analysis and linear models in R	Faculty of Science. University of Alcalá	05.07.2022 - 14.07.2022	none
Classroom	Innovation protection	Spanish Office for copyrights	27.10.2021 - 24.11.2021	none
Online	Professional skills for research leaders	R&D Office. University of Alcalá	15.11.2021 - 30.11.2021	none
online	Soft skills: labor market demand and research challenges	Faculty of Engineering. University of Alcalá	17.01.2022 - 17.01.2022	none
online	Transfer of Knowledge	Research and Technology Office. University of Alcalá	25.04.2022 - 29.05.2022	none
online	University-Business Innovation	Research and Technology Office. University of Alcalá	16.05.2022 - 20.05.2022	none
Classroom	Doctoral Thesis and Future Career	Carreer Center. University of Alcalá	23.05.2022 - 25.05.2022	none
online	SUMERGETE: A workshop to improve your soft skills.	School of entrepreunership. University of Alcalá	14.06.201 - 16.07.2021	none
online	Research beyond Academia	Faculty of Engineering. University of Alcalá	14.06.2021	none
online	MedTech & Biotech Business and Professional Caree	AKRN Consulting	8.04.2021 - 28.04.2021	none

hybrid	Worskhops on Digitalization	School of entrepreunership. University of Alcalá	29-04-2021 - 13.05.2021	none
online	Open Access in University of Alcalá	Central Library. University of Alcalá	22.03.2021 - 23.03.2021	none
online	Communicating Science: Introductory Course on Science Dissemination	Vice-President. University of Alcalá	25.02.2021 - 25.04.2021	none
online	BOOST your skills and competencies to improve your employability	University of Alcala	28.01.2021 - 18.06.2021	none
Classroom	Oral Communication in Scientific Activities	Faculty of Science. University of Alcalá	26.01.2021 - 23.03.2021	none
online	European Innovation Fest	Faculty of Engineering. University of Alcalá	14.09.2020 - 16.09.2020	none

Type of Training	Name of Training module	Name of Training Provider	Timing of Provision	ECTS
Onsite	Philosophy of science and ethics	UiT The Arctic University of Norway	30/01/2023	6
Onsite	ARCTOS COLLOQUIUM	UiT The Arctic University of Norway	Whole PhD study	5
Onsite	LEADERSHIP SKILLS	UiT The Arctic University of Norway	01/01/2023	2
Onsite	TAKE CONTROL OF YOUR PHD JOURNEY: FROM (P)REFLECTION TO PUBLISHING	UiT The Arctic University of Norway	01/01/2023	2
Onsite	THEORY OF SCIENCE, RESEARCH ETHICS AND RESEARCH DESIGN	UiT The Arctic University of Norway	01/01/2023	7
Onsite	INNOVATION AND PUBLIC SCIENCE COMMUNICATION	UiT The Arctic University of Norway	01/01/2023	3
Onsite	LEGAL SCIENCE, THESIS WRITING AND COMMUNICATION	UiT The Arctic University of Norway	01/01/2023	6
Onsite	INTERNATIONAL LEGAL RESEARCH, NATIONAL AND INTERNATIONAL CONFERENCES AND NETWORKING	UiT The Arctic University of Norway	01/01/2023	6
Onsite	PRESENT YOUR SCIENCE	UiT The Arctic University of Norway	01/01/2020	2
Onsite	RESEARCH ETHICS	UiT The Arctic University of Norway	01/01/2023	3
Onsite	SCIENTIFIC PROGRAMMING WITH PYTHON IN THE LIFE SCIENCES	UiT The Arctic University of Norway	01/01/2023	10
Onsite	TEACHING AND LEARNING IN HIGHER EDUCATION	UiT The Arctic University of Norway	01/08/2022	

Onsite	HOW TO COMMUNICATE YOUR RESEARCH	UiT The Arctic University of Norway	01/01/2022	3
Onsite	CHANGING ARCTIC	UiT The Arctic University of Norway	01/01/2023	2
Onsite	SCIENTIFIC WRITING	UiT The Arctic University of Norway	24/10/2022	3
Onsite	Academic entrepreneurship	UiT The Arctic University of Norway	05/12/2022	2
Onsite	FUNDING YOUR RESEARCH	UiT The Arctic University of Norway	10/10/2022	3
Onsite	DocEnhance: Data Stewardship	UiT The Arctic University of Norway	01/08/2022	2
Onsite	AQUATIC ANIMAL WELFARE	UiT The Arctic University of Norway	01/08/2022	5

Type of Training	Name of Training module	Name of Training Provider	Timing of Provision	ECTS
online	Publishing and Scientific Writing	Faculty of Engineering	Winter/Summer semester	3.5
in situ	Science Communication for Non-expert Audiences	Faculty of Engineering	Winter semester	1.5
in situ	Leadership and Performance Management (advanced module)	Faculty of Engineering	Summer semester	1.5
in situ	Professional Negotiation Techniques	Faculty of Engineering	Summer semester	1.5
in situ	Research Data Management	Faculty of Engineering	Winter/Summer semester	1.5
b-learning	Organization of Technical-Scientifical Events	Faculty of Engineering	Winter/Summer semester	1.5
in situ	Basic pedagogical skills to teach in Higher Ed	Faculty of Engineering	Winter/Summer semester	1.5
in situ	Assertive Communication and Presentation Techniques (advanced module)	Faculty of Engineering	Winter/Summer semester	1.5
in situ	From Intellectual Property to Business	Faculty of Engineering	Summer semester	3
in situ	Time Management and Personal Organization (advanced module)	Faculty of Engineering	Winter semester	1.5
in situ	LaTex	Faculty of Engineering	Summer semester	1.5
in situ	Scientific Research Methodology	Faculty of Engineering	Winter/Summer semester	1.5

Online/in situ	Digital Media in Health Communication and Literacy	Faculty of Engineering	Winter/Summer semester	3
in situ	Fit for Industry	Faculty of Engineering		0.5
b-learning	CiênciaVitae - the scientific CV	Faculty of Engineering	Winter/Summer semester	1.5
in situ	How to survive your PhD	Faculty of Sciences	Winter/Summer semester	3
in situ	workshop 'FEUPs Office services to support PhDs Research and Innovation'	Faculty of Engineering	Winter/Summer semester	none
in situ	workshop 'Depression and anxiety in PhD students: Preventing emotional exhaustion and burnout'	Faculty of Engineering	Winter/Summer semester	none
in situ	workshop 'FEUPs TALENT unit services to support PhDs career management and transition to a Doc Career'	Faculty of Engineering	Winter/Summer semester	none

Type of Training	Name of Training module	Name of Training Provider	Timing of Provision	ECTS
Online	Validation of doctoral research results throuh publication - argument for pHd Thesis originality and creativity	Gheorghe Asachi Technical University of Iasi	26.11.2020	none
Online	The art of presenting papers at international conferences	Gheorghe Asachi Technical University of Iasi	17.12.2020	none
	Research Design with the Idea Puzzle Software	Catholic University of Portugal	20.01.2021	none
Online	How to get the most out of cooperation with your PhD supervisor	Gheorghe Asachi Technical University of Iasi	11.02.2021	none
Online	10 steps for effective documentation. Case Study	Gheorghe Asachi Technical University of Iasi	10.03.2021	none
Online	Generating and protecting patentable inventions	Gheorghe Asachi Technical University of Iasi	08.04.2021	none
Online	The importance of creativity in scientific research, in the context of a future dominated by artificial intelligence	Gheorghe Asachi Technical University of Iasi	17.06.2021	none
Online	The approach of the "Current stage of research" section of the doctoral thesis	Gheorghe Asachi Technical University of Iasi	6.12.2021	none
Online	ACADEMIC WRITING - steps for writing a scientific article	Gheorghe Asachi Technical University of Iasi	15.12.2012	none
Online	How To Publish Your Research in Journals?	Aristotle University Greece	18.10.2021	none
Online	Mindful Productivity - How To Do Your PhD Faster and Better?	University of Strasbourg, France	20.10.2021	none
Online	Project Managing of the Experimental Work	University Jaume I, Spain	21.10.2021	none

Online	An Introduction to Being an Effective Researcher	Rzeszów University of Technology, Poland	25.10.2021	none
Online	Creative Approaches to Writing Your Thesis	University of Vigo, Spain	28.10.2021	none
Online	SCOPUS training - Presentation of possible search types, search strategies and author profiles	Elsevier ROMÂNIA	17.02.2022	none
	DOCTORAL STUDENT IN ROMANIA – challenges and perspectives	Gheorghe Asachi Technical University of Iasi - Centrul de Consiliere TUIASI	9.03.2022	none
Online	How to pitch your research idea?	Gheorghe Asachi Technical University of Iasi - Centrul de Consiliere TUIASI	04.05.2022	none
Online	How do we capitalize 5G infrastructure for digitization and innovative applications?		02.06.2022	none
	Biometism in Engineering	Université de Sherbrooke, Canada	16.11.2022	none

Type of Training	Name of Training module	Name of Training Provider	Timing of Provision	ECTS
online				none
	Dissemination	HVL, FIN	14/04/2023	1
hybrid	Podcast	HVL, FLKI/FHS	15/03/2023	1
online	Essay	HVL, Biblioteket	25/01/2023	1
hybrid	Guidance of writing processes		11/01/2023	1
online	Universal Design	HVL, ALU	available online	
hybrid	PCS902 Research Methodology, Research Ethics and Scientific Work Practice	HVL, PhD programme computer science	each semester	5
hybrid	PHDH903 Research design and methods	HVL, PhD programme health	each semester	5
hybrid	PHDINN908 Innovation and Sustainable Transition	HVL, PhD programme responsible innovation	each semester	5
online	Digital Storytelling	Medialab	anytime	
onsite	Media training	Communications department	on demand	

Type of Training	Name of Training module	Name of Training Provider	Timing of Provision	ECTS
onsite	Deeptech sees BIG	Université Côte d'Azur	05/10/2022	none
online	Entrepreneurship in Deeptech for women	Université Côte d'Azur	10/10/2022	none
online	Pitching in English - presenting yourself effectively in any context	Université Côte d'Azur	06/12/2022	none
online	Introduction to Research Valorization and Entrepreneurship for PhD Students	Université Côte d'Azur	04/04/2023	none
hybrid	Minor Digital Business	SKEMA Business School		none
hybrid	Minor Entrepreneurship	SKEMA Business School		none
online	Minor Essential Negotiation Skills	SKEMA Business School		none
hybrid	Minor Leadership and Communication	SKEMA Business School		none
onsite	Minor Innovation and Design Thinking	Université Côte d'Azur	16/02/2023-13/04/2023	none
hybrid	Minor Web Privacy	Université Côte d'Azur		none
online	Minor Innovation and Creativity	Université Côte d'Azur	13/10/2022	none
hybrid	Minor Tools 2 Communicate	Université Côte d'Azur	13/10/2022	none

online	Minor DeepTech Entrepreneurship	Université Côte d'Azur	23/02/2023	none
onsite	Technology tranfert - entrepreneurship	Université Côte d'Azur	01/09/2023	none
onsite	Co-orientation - Defining your professional project	Université Côte d'Azur	26/09/2022	none
onsite	Public Speaking	Sud Performance	20/10/2022	
onsite	Create or take over a company after the thesis	Incubateur Paca Est	21/11/2022	none
onsite	Optimize time and priorities	Sud Performance		none
onsite	Basic rules of internal communication in companies	Université Côte d'Azur	16/12/20222	none
onsite	Prepare the professional integration of young doctors	Recherche Et Avenir	16/01/2023	none
hybrid	Minor Organizational Development	UCA/ SKEMA Business School		none
onsite	Minor Digital Strategy	Université Côte d'Azur	13/10/2022	none
hybrid	Minor Website Creation Workshop	RR3 FILMS	13/10/2022	none
onsite	Minor Quality management	Université Côte d'Azur	06/02/2023	none
onsite	Writing for the web	Université Côte d'Azur	16/01/2023	none
onsite	Basic rules of external communication in companies	Université Côte d'Azur	26/01/2023	none

onsite	Employer Brand/ Corporate Brand	Université Côte d'Azur	28/02/2023	none
onsite	Certification of Digital Competences : PIX	Université Côte d'Azur	16/01/2023	none
onsite	Manage your team in project mode	Université Côte d'Azur	10/10/2022	none
onsite	Lead and manage by objectives	Cohérences	14/11/2022	none
onsite	First aid training	UDSP Nice	28/11/2022	none
onsite	Valorization of research and intellectual property	SATT Sud Est	29/03/2023	none
online	Preventing sexism in the workplace	Université Côte d'Azur	12/12/2022	none
onsite	Certificate of introduction to European Union law	Université Côte d'Azur	03/10/2022	none

Type of Training	Name of Training module	Name of Training Provider	Timing of Provision	ECTS
In situ	Research Integrity	University of Limerick	Annual Generic & Transferable Skills Summer School	3 ECTS
In situ	Digital Research Management	University of Limerick	Annual Generic & Transferable Skills Summer School	3 ECTS
In situ	Planning Research and Publication	University of Limerick	Annual Generic & Transferable Skills Summer School	3 ECTS
In situ	Developing Ideas and Arguments: Writing into Academic Communities	University of Limerick	Annual Generic & Transferable Skills Summer School	3 ECTS
In situ	Research Ethics	University of Limerick	Annual Generic & Transferable Skills Summer School	3 ECTS
In situ	Research Networking: Developing an Academic Profile	University of Limerick	Annual Generic & Transferable Skills Summer School	3 ECTS
In situ	Fundamentals of Statistical Thinking	University of Limerick	Annual Generic & Transferable Skills Winter School	3 ECTS
In situ	Creativity and Design Thinking for New Ventures	University of Limerick	Annual Generic & Transferable Skills Winter School	3 ECTS
In situ	Methodology of Experimental Research	University of Limerick	Annual Generic & Transferable Skills Winter School	3 ECTS
In situ	Professional Development and Career Planning for PhD Researchers	University of Limerick	Annual Generic & Transferable Skills Winter School	3 ECTS
In situ	Pedagogical Methods For Researchers	University of Limerick	Annual Generic & Transferable Skills Winter School	3 ECTS

In situ	Commercialising Research	University of Limerick	Annual Generic & Transferable Skills Winter School	3 ECTS
In situ	How to Write a Great Research Paper, and get Published in a Top Journal	Elsevier	Each Semester	none
In situ	Maximising Your Research Impact	University of Limerick	Each Semester	none
In situ	Referencing and EndNote	University of Limerick	Each Semester	none
In situ	Selecting high impact journals	University of Limerick	Each Semester	none
In situ	Google Scholar Researcher Profile	University of Limerick	Each Semester	none
In situ	Importance of Research Data Management	University of Limerick	Each Semester	none
In situ	Data Management Planning	University of Limerick	Each Semester	none
In situ	Realising your Research Value	University of Limerick	Each Semester	none
In situ	Research Profiles - ORCID & Google Scholar	University of Limerick	Each Semester	none
Online	Research Integrity	Epigeum	On Demand	none
Online	Career Planning in the Arts, Humanities and Social Sciences	Epigeum	On Demand	none
Online	Intellectual Property in the Research Context	Epigeum	On Demand	none
Online	Managing Your Research Supervisor or Principal Investigator	Epigeum	On Demand	none

In situ	Questionnaire Design	Optima Training	Each Semester	none
In situ	Statistical Inference using SPSS	University of Limerick	Each Semester	none
In situ	Multi-variable Data Analysis	University of Limerick	Each Semester	none
In situ	Formatting your thesis	Optima Training	Each Semester	none
In situ	NVivo Specialist Training (Levels 1 & 2)	QDA Training	Each Semester	none
Online	Microsoft Teams Training	Optima Training	Each Semester	none
In situ	Effective Presentations	Optima Training	Each Semester	none
In situ	Excel Levels 1 & 2	Optima Training	Each Semester	none
In situ	SPSS	Optima Training	Each Semester	none
In situ	Advanced Grant Writing	University of Limerick	Each Semester	none
In situ	CV Building Workshop	University of Limerick	Each Semester	none
Online	Effective Peer Review of Articles	EPFL, Swiss Federal Institute of Technology	Annual	none
In situ	Formulating Your Research Proposal	University of Limerick	Each Semester	none
In situ	Grant Writing Workshop	Scriptoria	Annual	none

Doc Talent 4EU

In situ	Inter-Faculty Research Collaboration	University of Limerick	Each Semester	none
In situ	Innovation and Creativity Workshop	University of Limerick	Each Semester	none
In situ	Networking for New Researchers	University of Limerick	Each Semester	none
In situ	Networking for Success - A Key Element of your Research Strategy	Invisio	Each Semester	none
In situ	Presenting Your Research With Impact	Screenhouse	Each Semester	none
In situ	Research Ethics Training	Open University	Each Semester	none
In situ	Research Week - Career Development	University of Limerick	Annual	none
In situ	Researcher Development	University of Limerick	Each Semester	none
In situ	Writing for Publication Workshop to support International Researchers & Academics	University of Limerick	Each Semester	none
Online	Critical thinking for PhD students-the hardest doctoral skill of all?	University of Limerick	Once per semester	none
Online	Dealing with Imposter Syndrome and Self-Doubt in Your PhD	University of Limerick	Once per semester	none
Online	Demonstrating the 'Impact' of your PhD Research	University of Limerick	Once per semester	none
Online	Design of Experiments	University of Limerick	Once per semester	none
Online	Disseminating Your Research	University of Limerick	Once per semester	none

Online	Doing a Literature Review	University of Limerick	Once per semester	none
Online	Doing Your PhD: Challenges & Supports	University of Limerick	Once per semester	none
Online	Getting Published in Peer-Reviewed Journals	University of Limerick	Once per semester	none
Online	How To Be A Critical Researcher	University of Limerick	Once per semester	none
Online	National Framework for Doctoral Education: What it Means for You	University of Limerick	Once per semester	none
Online	Organising and Analysing Qualitative Data in Your PhD	University of Limerick	Once per semester	none
Online	Plan Your Successful Career in 10 Steps	University of Limerick	Once per semester	none
Online	Planning for Life After Your PhD	University of Limerick	Once per semester	none
Online	Preparing for Conference Presentations as a PhD Candidate	University of Limerick	Once per semester	none
Online	Project Managing Your PhD Thesis	University of Limerick	Once per semester	none
Online	Research Integrity and Ethics in Your PhD	University of Limerick	Once per semester	none
Online	Secrets to becoming a Successful PhD Researcher	University of Limerick	Once per semester	none
Online	Surviving The Viva	University of Limerick	Once per semester	none
Online	The Importance of Data Management Planning in Your PhD	University of Limerick	Once per semester	none

Online	The Importance of GDPR in Your Research	University of Limerick	Once per semester	none
Online	Thesis Submission and Examination	University of Limerick	Once per semester	none
Online	Time Management Techniques for PhD Candidates	University of Limerick	Once per semester	none
Online	Using the Researcher Development Framework (RDF) for PhD Candidates	University of Limerick	Once per semester	none
Online	Wellbeing Through Healthy UL	University of Limerick	Once per semester	none
Online	Working With Your Supervisor	University of Limerick	Once per semester	none
Online	Writing a Successful Funding Proposal	University of Limerick	Once per semester	none

Annex 8: MOOCs

Plataform	Provider	Name of Training module	URL	COST
PHDHUB		Data stewardship	https://phdhub.eu/	FREE
PHDHUB		Career Management & Entrepreneurship	https://phdhub.eu/	FREE
PHDHUB		PhD Supervision course	https://phdhub.eu/	FREE
Coursera	StanfordOnline	COVID-19 Training for Healthcare Workers (Coursera)	www.coursera.org/learn/covid-19-training-healthcare	No Information
FutureLearn	Royal College of Physicians of Edinburgh University of Edinburgh	COVID-19 Critical Care: Understanding and Application (FutureLearn)	www.futurelearn.com/courses/covid-19-critical-care-education-resource	Paid Certificate
EdX	StanfordOnline	COVID-19 Training for Healthcare Workers (edX)	www.edx.org/course/covid-19-care-a-lifesaving-program-for-healthcare-providers	Paid Certificate
FutureLearn	University of Glasgow	Introduction to Critical Care Medicine (FutureLearn)	www.futurelearn.com/courses/critical-care	Paid Certificate
Coursera	(ISC)²	Maturing Risk Management (Coursera)	www.coursera.org/learn/sscp-4th-ed-course-8	Paid Certificate
Coursera	Anaplan	Implementing Connected Planning (Coursera)	www.coursera.org/learn/icp	Paid Certificate
Coursera	ESSEC Business School	Managers du changement (Coursera)	www.coursera.org/learn/managers-changement	Paid Certificate
Coursera	University of Toronto	Transformational Leadership for Inclusive Innovation (Coursera)	www.coursera.org/learn/gender-analytics-transformational-leadership	Paid Certificate
Coursera	The Hong Kong University of Science and Technology - HKUST	Information Systems Auditing, Controls and Assurance (Coursera)	www.coursera.org/learn/information-systems-audit	Paid Certificate

Coursera	Johns Hopkins University	Designing for Sustainment: Keeping Improvement Work on Track (Patient Safety IV) (Coursera)	www.coursera.org/learn/patient-safety-sustainment	Paid Certificate
Coursera	Dartmouth College	Why Smart Executives Fail: Common Mistakes & Warning Signs (Coursera)	www.coursera.org/learn/why-smart-executives-fail	Paid Certificate
Coursera	University System of Georgia	Leading Organizational Change (Coursera)	www.coursera.org/learn/leading-organizational-change	Paid Certificate
Coursera	FIA Business School	Turning Point: Estratégia, Liderança e Gestão de Mudanças (Coursera)	www.coursera.org/learn/turning-point-estrategia-lideranca-e-gestao-de-mudancas	Paid Certificate
Coursera	Google	Foundations of Project Management (Coursera)	www.coursera.org/learn/project-management-foundations	Paid Certificate
Coursera	University of Colorado System	Healthy Practices: Nutrition, Physical Activity, and Community and Family Participation (Coursera)	www.coursera.org/learn/healthy-practices-nutrition-physical-activity-community-family-participation	Paid Certificate
Coursera	McMaster University	Hacking Exercise For Health. The surprising new science of fitness. (Coursera)	www.coursera.org/learn/hacking-exercise-health	Paid Certificate
Coursera	University of Edinburgh	Sit Less, Get Active (Coursera)	www.coursera.org/learn/get-active	Paid Certificate
Coursera	Yale University	Health Behavior Change: From Evidence to Action (Coursera)	www.coursera.org/learn/health-behavior-change	Paid Certificate
Coursera	University of Toronto	Managing Your Health: The Role of Physical Therapy and Exercise (Coursera)	www.coursera.org/learn/physical-therapy-exercise	Paid Certificate
Coursera	Universidad Nacional Autónoma de México	Nutrición y obesidad: control de sobrepeso (Coursera)	www.coursera.org/learn/nutricion-obesidad-sobrepeso	Paid Certificate
FutureLearn	University of Aberdeen	Nutrition Science: Lifestyle Medicine (FutureLearn)	www.futurelearn.com/courses/nutrition-science-lifestyle-medicine	Paid Certificate

FutureLearn	Alzheimer Scotland University of Glasgow Trinity College Dublin University of Edinburgh	Sport and Exercise for Brain Health (FutureLearn)	www.futurelearn.com/courses/sport-and-exercise-for-brain-health	Paid Certificate
Lead Academy	Lead Academy	Optimal Health Course (Lead Academy)	https://lead-academy.org/course/optimal-health-course/	Paid Certificate
EdX	StanfordOnline Stanford University	Your Body Inside and Out: Using Exercise Physiology to Slow Aging (edX)	www.edx.org/course/new-your-body-inside-and-out-using-exercise-physiology-to-slow-aging	Paid Certificate
EdX	Wageningen University WageningenX	Sustainable Soil Management: Soil for life (edX)	www.edx.org/course/sustainable-soil-management-soil-for-life	Paid Certificate
Coursera	Leiden University	The Great Sustainability Transition: Global challenges, Local actions (Coursera)	www.coursera.org/learn/sustainability-global-challenges-and-local-actions	Paid Certificate
FutureLearn	Leiden University	The Great Sustainability Transition: Global Challenges, Local Actions (FutureLearn)	www.futurelearn.com/courses/the-great-sustainability-transition-global-challenges-local-actions	Paid Certificate
EdX	IMTx Institut Mines-Telecom	Air pollution: causes and impacts (edX)	www.edx.org/course/air-pollution-causes-and-impacts	Paid Certificate
EdX	IsraelX	Environmental Protection and Sustainability (edX)	www.edx.org/course/environmental-protection-and-sustainability	Paid Certificate
EdX	Wageningen University WageningenX	Environmental Gamechanger – Lead the Way to Sustainable Development (edX)	www.edx.org/course/becoming-an-agent-of-sustainable-change	Paid Certificate
Coursera	Saint Petersburg State University	Environmental Safety (Coursera)	www.coursera.org/learn/environmental-safety	Paid Certificate
EdX	Université Catholique de Louvain - UCL LouvainX	L'eau et les sols - Hydrodynamique des milieux poreux (edX)	www.edx.org/course/leau-et-les-sols-hydrodynamique-des-milieux-poreux-2	Paid Certificate
EdX	Peking University PekingX	Environmental Pollution Events and Emergency	www.edx.org/course/environmental-pollution-	Paid Certificate

		Response Introduction (edX)	events-and-emergency-res-3	
FutureLearn	University of Exeter	Climate Change: Solutions (FutureLearn)	www.futurelearn.com/courses/climate-change-the-solutions	Paid Certificate
Coursera	Johns Hopkins University	Program Design & Evaluation for Health Systems Strengthening (Coursera)	www.coursera.org/learn/program-design-and-evaluation-for-health-systems-strengthening	Paid Certificate
Coursera	École Polytechnique Fédérale de Lausanne	Functional Program Design in Scala (Scala 2 version) (Coursera)	www.coursera.org/learn/scala2-functional-program-design	Paid Certificate
Coursera	École Polytechnique Fédérale de Lausanne	Functional Program Design in Scala (Coursera)	www.coursera.org/learn/progfun2	Paid Certificate
EdX	The University of British Columbia UBCx	Designing and Developing an Online Course (edX)	www.edx.org/course/developing-course-content-or-teaching-materials	Paid Certificate
EdX	The University of British Columbia UBCx	Developing Course Content or Teaching Materials (edX)	www.edx.org/course/developing-course-content-or-teaching-materials	Paid Certificate
EdX	Georgia Institute of Technology GTx	Introduction to Object-Oriented Programming with Java I: Object-Oriented Programming and Algorithms (edX)	www.edx.org/course/introduction-to-java-programming-ii-object-oriented-programming	Paid Certificate
EdX	Georgia Institute of Technology GTx	Introduction to Object-Oriented Programming with Java I: Foundations and Syntax Basics (edX)	www.edx.org/course/introduction-to-java-programming-i-foundations-and-syntax-basics	Paid Certificate
EdX	W3Cx World Wide Web Consortium - W3C	JavaScript Introduction (edX)	www.edx.org/course/javascript-introduction	Paid Certificate
EdX	World Wide Web Consortium - W3C W3Cx	HTML5 Coding Essentials and Best Practices (edX)	www.edx.org/course/html5-coding-essentials-and-best-practices	Paid Certificate
EdX	W3Cx World Wide Web Consortium - W3C	CSS Basics (edX)	www.edx.org/course/css-basics	Paid Certificate
Udacity	Udacity	Introduction to Python Programming (Udacity)	www.udacity.com/course/introduction-to-python--ud1110	No Certificate

EdX	UC San DiegoX University of California, San Diego	Probability and Statistics in Data Science using Python (edX)	www.edx.org/course/probability-and-statistics-in-data-science-using-p	Paid Certificate
EdX	UC San DiegoX University of California, San Diego	Python for Data Science (edX)	www.edx.org/course/python-for-data-science-2	Paid Certificate
Coursera	Scrimba	Learn HTML and CSS (Coursera)	www.coursera.org/learn/learn-html-and-css	Paid Certificate
Coursera	Scrimba	Learn JavaScript (Coursera)	www.coursera.org/learn/learn-javascript	Paid Certificate
EdX	Indiana University IUx	Digital Technology and Innovation (edX)	www.edx.org/course/digital-technology-and-innovation	Paid Certificate
Coursera	Palo Alto Networks	Palo Alto Networks Cybersecurity Foundation (Coursera)	www.coursera.org/learn/palo-alto-networks-cybersecurity-foundation-a	Paid Certificate
Coursera	Queen Mary University of London	Cloud Computing Law: Data Protection and Cybersecurity (Coursera)	www.coursera.org/learn/cloud-computing-law-data-protection-and-cybersecurity	Paid Certificate
Coursera	Queen Mary University of London	Cloud Computing Law: Transactions (Coursera)	www.coursera.org/learn/cloud-computing-law-transactions	Paid Certificate
Coursera	IBM	Technical Support Case Studies and Capstone (Coursera)	www.coursera.org/learn/technical-support-case-studies	Paid Certificate
Coursera	FIA Business School	Integração e Cibersegurança entre os Sistemas de Informação (Coursera)	www.coursera.org/learn/integracao-e-ciberseguranca-entre-os-sistemas-de-informacao	Paid Certificate
Coursera	Google	Keamanan IT: Pertahanan terhadap Kejahatan Digital (Coursera)	www.coursera.org/learn/keamanan-it-pertahanan-terhadap-kejahatan-digital	Paid Certificate
Coursera	Infosec	Defensive Python (Coursera)	www.coursera.org/learn/defensive-python	Paid Certificate
Coursera	Infosec	Advanced Python - Reconnaissance (Coursera)	www.coursera.org/learn/python-in-recon	Paid Certificate
Coursera	University System of Georgia	Dominant Risk Management Standards	www.coursera.org/learn/dominant-risk-	Paid Certificate

		and Frameworks (Coursera)	management-standards-and-frameworks	
Coursera	École Polytechnique Fédérale de Lausanne	Introduction to Public Health Engineering in Humanitarian Contexts (Coursera)	www.coursera.org/learn/engineering-humanitarian	Paid Certificate
FutureLearn	International Culinary Studio	Food Safety and Personal Hygiene in a Professional Kitchen (FutureLearn)	www.futurelearn.com/courses/food-safety-personal-presentation-and-hygiene-in-a-professional-kitchen	Paid Certificate
NAU	Direção-Geral da Educação - DGE	Higiene das Mãos na Prevenção de Infeções (NAU)	https://www.nau.edu.pt/pt/curso/higiene-das-maos-na-prevencao-de-infecoes/	Free Certificate
NAU	Direcção-Geral da Saúde - DGS	Prevenção de Infeções e Resistência aos Antibióticos (NAU)	https://www.nau.edu.pt/pt/curso/prevencao-de-infecoes-e-resistencia-aos-antibioticos/	Free Certificate
EdX	Open Education Consortium - OEC OECx	The Biology of Water and Health - Fundamentals (edX)	www.edx.org/course/biology-water-health-fundamentals-oecx-ph241x-0%23%21	Paid Certificate
Coursera	HEC Paris	Building Your Leadership Skills (Coursera)	www.coursera.org/learn/leadership-skills	Paid Certificate
Coursera	University of Manchester	Managing Responsibly: Practicing Sustainability, Responsibility and Ethics (Coursera)	www.coursera.org/learn/responsible-management	Paid Certificate
Coursera	Universidad Nacional Autónoma de México	Anticorrupción: Introducción a conceptos y perspectiva práctica (Coursera)	www.coursera.org/learn/anticorrupcion-introduccion	Paid Certificate
Coursera	Lund University	AI & Law (Coursera)	www.coursera.org/learn/ai-law	Paid Certificate
EdX	EdinburghX University of Edinburgh	Data Ethics, AI and Responsible Innovation (edX)	www.edx.org/course/Data-Ethics-AI-and-Responsible-Innovation	Paid Certificate
EdX	IDBx Inter-American Development Bank - IDB	¿Cómo hacer uso responsable de la inteligencia artificial en el sector público? (edX)	www.edx.org/course/como-hacer-uso-responsable-de-la-inteligencia-artificial-en-el-sector-publico	Paid Certificate

Coursera	IBM	Technical Support Case Studies and Capstone (Coursera)	www.coursera.org/learn /technical-support-case-studies	Paid Certificate
Coursera	Codio	Connecting to Devices and Networks (Coursera)	www.coursera.org/learn /codio-connecting-to-devices-and-networks	Paid Certificate
Coursera	Intel Corporation	Cloud Technologies & Services (Coursera)	www.coursera.org/learn /cloud-technologies-and-services	Paid Certificate
Coursera	Google	Seluk Beluk Jaringan Komputer (Coursera)	www.coursera.org/learn /seluk-beluk-jaringan-komputer	Paid Certificate
Coursera	Google	Los bits y bytes de las redes informáticas (Coursera)	www.coursera.org/learn /redes-informaticas	Paid Certificate
Coursera	Google	Aspectos básicos de la asistencia técnica (Coursera)	www.coursera.org/learn /asistencia-tecnica	Paid Certificate
Coursera	Palo Alto Networks	Palo Alto Networks Security Operations Fundamentals (Coursera)	www.coursera.org/learn /palo-alto-networks-security-operations-center-fundamentals	Paid Certificate
Coursera	Palo Alto Networks	Palo Alto Networks Network Security Fundamentals (Coursera)	www.coursera.org/learn /palo-alto-networks-network-security-fundamentals	Paid Certificate
Coursera	University of Illinois at Urbana-Champaign	IoT Communications (Coursera)	www.coursera.org/learn /iot-communications	Paid Certificate
Coursera	University of Illinois at Urbana-Champaign	IoT Networking (Coursera)	www.coursera.org/learn /iot-networking	Paid Certificate
Coursera	Erasmus University Rotterdam	Digital Governance (Coursera)	www.coursera.org/learn /digitalgovernance	Paid Certificate
Coursera	IBM	IBM Data Privacy for Information Architecture (Coursera)	www.coursera.org/learn /ibm-data-privacy	Paid Certificate
EdX	IBM	Cybersecurity Compliance and System Administration (edX)	www.edx.org/course/cybersecurity-system-administration-and-framework-security	Paid Certificate
FutureLearn	University of Bath	Modern Building Design (FutureLearn)	www.futurelearn.com/courses/modern-building-design	Paid Certificate

EdX	Davidson College DavidsonX	Drug Discovery & Medicinal Chemistry (edX)	www.edx.org/course/med-001	Paid Certificate
FutureLearn	University of Birmingham	Corporate Lawyers: Ethics, Regulation and Purpose (FutureLearn)	www.futurelearn.com/courses/corporate-lawyers	Paid Certificate
EdX	Universitat Politècnica de València UPValenciaX	Buscar en Internet (edX)	www.edx.org/course/buscar-en-internet	Paid Certificate
Coursera	The Hong Kong University of Science and Technology - HKUST	Search Engines for Web and Enterprise Data (Coursera)	www.coursera.org/learn/search-engine	Paid Certificate
OpenHPI	Hasso-Plattner-Institut	Inside the Belly of a Search Engine (openHPI)	https://open.hpi.de/courses/searchengines2023	Free Certificate
EdX	Cornell University CornellX	Networks, Crowds and Markets (edX)	www.edx.org/course/networks-crowds-markets-cornellx-info2040x%23.VNExUi6sVn8	Paid Certificate
Coursera	Korea Advanced Institute of Science and Technology - KAIST	Mindfulness_An Approach to Stress Reduction (Coursera)	www.coursera.org/learn/an-approach-to-stress-reduction	Paid Certificate
Coursera	University of Minnesota	Guided Imagery (Coursera)	www.coursera.org/learn/guided-imagery	Paid Certificate
Coursera	Arizona State University	Managing Stress and Time (Coursera)	www.coursera.org/learn/managingstressandtime	Paid Certificate
Coursera	Rice University	Self Awareness and the Effective Leader (Coursera)	www.coursera.org/learn/self-awareness	Paid Certificate
Coursera	University of Toronto	Understanding and Managing the Stresses of Police Work (Coursera)	www.coursera.org/learn/manage-stress-police	Paid Certificate
Coursera	Rice University	Mindfulness and Well-being: Living with Balance and Ease (Coursera)	www.coursera.org/learn/foundations-of-mindfulness-ii-living-with-balance-and-ease	Paid Certificate
Coursera	Berklee College of Music	Music for Wellness (Coursera)	www.coursera.org/learn/music-for-wellness	Paid Certificate

Platform	Institution	Course	URL	Certificate
EdX	CurtinX Curtin University	Managing Study, Stress and Mental Health at University (edX)	www.edx.org/course/managing-study-stress-and-mental-health-at-univers	Paid Certificate
FutureLearn	Coventry University	Managing Mental Health and Stress (FutureLearn)	www.futurelearn.com/courses/managing-mental-health-and-stress	Paid Certificate
FutureLearn	Royal College of Physicians of Edinburgh University of Edinburgh	Self Care and Wellbeing: A Practical Guide for Health and Social Care (FutureLearn)	www.futurelearn.com/courses/self-care-and-wellbeing-a-practical-guide-for-health-and-social-care	Paid Certificate
Coursera	FIA Business School	Gestão de Marca & Crise de Imagem (Coursera)	www.coursera.org/learn/gestao-de-marca-crise-imagem	Paid Certificate
Coursera	Northwestern University	Leadership Communication for Maximum Impact: Storytelling (Coursera)	www.coursera.org/learn/leadership-storytelling	Paid Certificate
Coursera	Erasmus University Rotterdam	Reputation Crisis? Facebook meets Cambridge Analytica (Coursera)	www.coursera.org/learn/reputation-management-facebook-cambridge-analytica	Paid Certificate
Coursera	CertNexus	Communicate Effectively about Ethical Challenges in Data-Driven Technologies (Coursera)	www.coursera.org/learn/ethical-communication-data-driven-technologies	Paid Certificate
Coursera	University of Michigan	High Stakes Leadership: Leading in Times of Crisis (Coursera)	www.coursera.org/learn/high-stakes-leadership	Paid Certificate
Coursera	Leiden University	Security & Safety Challenges in a Globalized World (Coursera)	www.coursera.org/learn/security-safety-globalized-world	Paid Certificate
OpenSAP	SAP	Crisis Management and Resilience (openSAP)	https://open.sap.com/courses/cmr1	Free Certificate Digital Badge
FutureLearn	Deakin University	Crisis Leadership (FutureLearn)	www.futurelearn.com/courses/crisis-leadership-course	Paid Certificate
EdX	IsraelX	Resilience - The art of coping with disasters (edX)	www.edx.org/course/resilience-the-art-of-coping-with-disasters	Paid Certificate

EdX	State Bank of India - SBI	Crisis Response Management (edX)	www.edx.org/course/crisis-response-management	Paid Certificate
Coursera	FIA Business School	Comunicação Digital e Consumidores (Coursera)	www.coursera.org/learn/comunicacao-digital-e-consumidores	Paid Certificate
Coursera	Arizona State University	Digital Communication and Emotion (Coursera)	www.coursera.org/learn/digitalcommunicationandemotion	Paid Certificate
Coursera	Erasmus University Rotterdam	Communicating Trustworthy Information in the Digital World (Coursera)	www.coursera.org/learn/communicating-trustworthy-information-in-the-digital-world	Paid Certificate
Coursera	École Polytechnique Fédérale de Lausanne	Digital Signal Processing 4: Applications (Coursera)	www.coursera.org/learn/dsp4	Paid Certificate
EdX	UPValenciaX Universitat Politècnica de València	Introducción a las radiocomunicaciones (edX)	www.edx.org/course/introduccion-a-las-radiocomunicaciones	Paid Certificate
EdX	TecdeMonterreyX Tecnológico de Monterrey	Digital Marketing and Data Driven Analytics (edX)	www.edx.org/course/digital-marketing-and-data-driven-analytics	Paid Certificate
Coursera	The Pontificia Universidad Javeriana JaverianaX	Transformación Digital para Comunicadores (edX)	www.edx.org/course/transformacion-digital-para-periodistas	Paid Certificate
URJCx	Universidad Rey Juan Carlos	Strategic Communication to Counter Security Threats in the Disinformation Era (URJC)	https://urjcx.urjc.es/courses/course-v1:URJCx+URJCx113+CCJSx03/about	Paid Certificate
OpenHPI	University of Potsdam Hasso-Plattner-Institut	Sichere Email (openHPI)	https://open.hpi.de/courses/ws-email2015?locale=de	Free Certificate
Coursera	University of Colorado Boulder	Graphic Elements of Design: Color Theory and Image Formats (Coursera)	www.coursera.org/learn/graphic-elements-design	Paid Certificate
Coursera	University of Colorado Boulder	Introduction to FPGA Design for Embedded Systems (Coursera)	www.coursera.org/learn/intro-fpga-design-embedded-systems	Paid Certificate
Coursera	University of Illinois at Urbana-Champaign	3D Printing Software (Coursera)	www.coursera.org/learn/3d-printing-software	Paid Certificate

Coursera	University at Buffalo The State University of New York	Digital Manufacturing & Design (Coursera)	www.coursera.org/learn /digital-manufacturing-design	Paid Certificate
Coursera	University at Buffalo The State University of New York	Digital Thread: Components (Coursera)	www.coursera.org/learn /digital-thread-components	Paid Certificate
Coursera	Universitat Autònoma de Barcelona	Digital Systems: From Logic Gates to Processors (Coursera)	www.coursera.org/learn /digital-systems	Paid Certificate
Coursera	University of Illinois at Urbana-Champaign	VLSI CAD Part I: Logic (Coursera)	www.coursera.org/learn /vlsi-cad-logic	Paid Certificate
EdX	Harvey Mudd College HarveyMuddX	Computer Architecture (edX)	www.edx.org/course/co mputer-architecture	Paid Certificate
EdX	HKU School of Professional and Continuing Education HKUSTx	Digital Design (edX)	www.edx.org/course/di gital-design	Paid Certificate
EdX	Harvard University HarvardX	Leaders of Learning (edX)	www.edx.org/course/le aders-learning-harvardx-gse2x-0%23%21	Paid Certificate
Coursera	University of Washington	Social Media Data Analytics (Coursera)	www.coursera.org/learn /social-media-data-analytics	Paid Certificate
Coursera	Digital Marketing Institute	Twitter, LinkedIn, and YouTube Marketing (Coursera)	www.coursera.org/learn /twitter-linkedin-youtube-marketing	Paid Certificate
Coursera	Yonsei University	AR (Augmented Reality) & Video Streaming Services Emerging Technologies (Coursera)	www.coursera.org/learn /ar-technologies-video-streaming	Paid Certificate
Coursera	Princeton University	Networks Illustrated: Principles without Calculus (Coursera)	www.coursera.org/learn /networks-illustrated/	No Certificate
Coursera	Princeton University	Networks: Friends, Money, and Bytes (Coursera)	www.coursera.org/learn /friends-money-bytes	No Certificate
Skillshare	Skillshare	Discover Six Secrets For Success In Live Videos! (Skillshare)	www.skillshare.com/cla sses/Discover-Six-Secrets-For-Success-In-Live-Videos/1674114845	No Certificate

Skillshare	Skillshare	The Comprehensive YouTube Channel Marketing Growth Course (Skillshare)	www.skillshare.com/classes/The-Comprehensive-YouTube-Channel-Marketing-Growth-Course/1326251781	No Certificate
Skillshare	Skillshare	Complete YouTube Mastermind-How to Grow a Channel & Audience (Skillshare)	www.skillshare.com/classes/Complete-YouTube-Mastermind-How-to-Grow-a-Channel-Audience/158745010	No Certificate
Skillshare	Skillshare	Intro to Film & Video - Exposing your Images (Skillshare)	www.skillshare.com/classes/Intro-to-Film-Video-Exposing-your-Images/1676497996	No Certificate
Skillshare	Skillshare	YouTube SEO Pro [How to Rank Your Videos First in YouTube Search & Suggested Video] (Skillshare)	https://www.skillshare.com/classes/YouTube-SEO-Pro-How-to-Rank-Your-Videos-First-in-YouTube-Search-Suggested-Video/1841631872	No Certificate
Coursera	University of Colorado Boulder	Challenges of Leading Individuals in the Tech Industry (Coursera)	www.coursera.org/learn/challenges-of-leading-individuals-in-the-tech-industry	Paid Certificate
Coursera	University of Colorado Boulder	Challenges of Leading Technical Teams (Coursera)	www.coursera.org/learn/challenges-of-leading-technical-teams	Paid Certificate
Coursera	Parsons School of Design, The New School	Diversity, Equity, and Inclusion Best Practices for Managers (Coursera)	www.coursera.org/learn/dei-best-practices-for-managers	Paid Certificate
Coursera	Automatic Data Processing (ADP)	Building Confidence in the Future (Coursera)	www.coursera.org/learn/leading-standout-teams-course-7	Paid Certificate
Coursera	Automatic Data Processing (ADP)	Growing Team Members (Coursera)	www.coursera.org/learn/leading-standout-teams-course-8	Paid Certificate
Coursera	Universidad Nacional Autónoma de México	Colaboración dinámica (Coursera)	www.coursera.org/learn/colabora	Paid Certificate
Coursera	University of Michigan	Liderar equipes (Coursera)	www.coursera.org/learn/leading-teams-pt	Paid Certificate
Coursera	University of Michigan	Liderazgo de equipos (Coursera)	www.coursera.org/learn/leading-teams-es	Paid Certificate

Coursera	University System of Georgia	Team Management for the 6 ? Black Belt (Coursera)	www.coursera.org/learn /team-management-for-the-6--black-belt	Paid Certificate
Coursera	University of Pennsylvania	Building High-Performing Teams (Coursera)	www.coursera.org/learn /high-performing-teams	Paid Certificate
Coursera	Yale University	The Nature of Genius (Coursera)	www.coursera.org/learn /-genius	Paid Certificate
FutureLearn	University of Southampton	Developing Your Research Project (FutureLearn)	www.futurelearn.com/c ourses/research-project	Paid Certificate
Coursera	Queen Mary University of London	Cloud Computing Law: Transactions (Coursera)	www.coursera.org/learn /cloud-computing-law-transactions	Paid Certificate
Coursera	Politecnico di Milano	Artificial Intelligence and legal issues (Coursera)	www.coursera.org/learn /artificial-intelligence-and-legal-issues	Paid Certificate
Coursera	University of Maryland, College Park	Intellectual Property for Entrepreneurs (Coursera)	www.coursera.org/learn /intellectual-property-for-entrepreneurs	Paid Certificate
Coursera	Pontificia Universidad Católica de Chile	Transferencia tecnológica: De la investigación al mercado. (Coursera)	www.coursera.org/learn /transferencia-tecnologica-investigacion	Paid Certificate
Coursera	University of Pennsylvania	Intellectual Property in the Healthcare Industry (Coursera)	www.coursera.org/learn /intellectual-property-healthcare-industry	Paid Certificate
Coursera	University of Pennsylvania	Introduction to Intellectual Property (Coursera)	www.coursera.org/learn /introduction-intellectual-property	Paid Certificate
Coursera	The Hong Kong University of Science and Technology - HKUST	Protecting Business Innovations via Patent (Coursera)	www.coursera.org/learn /protect-business-innovations-patent	Paid Certificate
Coursera	The Hong Kong University of Science and Technology - HKUST	Protecting Business Innovations via Copyright (Coursera)	www.coursera.org/learn /protect-business-innovations-copyright	Paid Certificate
Coursera	University at Buffalo The State University of New York	Cyber Security in Manufacturing (Coursera)	www.coursera.org/learn /cyber-security-manufacturing	Paid Certificate
Coursera	Michigan State University	Transmedia Writing (Coursera)	www.coursera.org/learn /transmedia-writing	Paid Certificate

Platform	Institution	Course	URL	Certificate
EdX	WageningenX Wageningen University	Sustainable Food Security: The value of systems thinking (edX)	www.edx.org/course/sustainable-food-security-the-value-of-systems-thi	Paid Certificate
Coursera	École Polytechnique Fédérale de Lausanne	Global Arctic (Coursera)	www.coursera.org/learn/global-arctic	Paid Certificate
Coursera	Lund University	Working for a sustainable future: concepts and approaches (Coursera)	www.coursera.org/learn/working-for-a-sustainable-future	Paid Certificate
Coursera	Coursera Project Network	Modelo de Ecossistema com Insight Maker (Coursera)	www.coursera.org/projects/ecossistema-insightmaker	No Certificate
Coursera	University of Geneva	Climate Change and Water in Mountains: A Global Concern (Coursera)	www.coursera.org/learn/climate-changes-mountains-water	Paid Certificate
Coursera	École des Ponts ParisTech	Electric Vehicles and Mobility (Coursera)	www.coursera.org/learn/electric-vehicles-mobility%3FauthMode%3Dlogin	Paid Certificate
Coursera	University of Michigan	Act on Climate: Steps to Individual, Community, and Political Action (Coursera)	www.coursera.org/learn/act-on-climate	Paid Certificate
FutureLearn	University of Leeds	Environmental Challenges: Scarcity and Conflict in the Natural Environment (FutureLearn)	www.futurelearn.com/courses/environmental-ethics-scarcity-conflict	Paid Certificate
Coursera	Yale University	Indigenous Religions & Ecology (Coursera)	www.coursera.org/learn/indigenous-religions-ecology	Paid Certificate
Coursera	University of Michigan	The Influence of Social Context on Health (Coursera)	www.coursera.org/learn/the-influence-of-social-context-on-health	Paid Certificate
Coursera	University of Colorado Boulder	Your World and What Shapes It (Coursera)	www.coursera.org/learn/your-world-and-what-shapes-it	Paid Certificate
Coursera	University of Colorado Boulder	'Their' World and How You Define It (Coursera)	www.coursera.org/learn/their-world-and-how-you-define-it	Paid Certificate
Coursera	Laureate Education	Vozes da Mudança Social (Coursera)	www.coursera.org/learn/vozes-da-mudanca-social	No Certificate

Coursera	University of Colorado Boulder	Comic Books, Geek Culture, and the Fandom Imaginary (Coursera)	www.coursera.org/learn/comic-books-geek-culture-fandom-imaginary	Paid Certificate
Coursera	Korea Advanced Institute of Science and Technology - KAIST	Meditation: A way to achieve your goals in your life (Coursera)	www.coursera.org/learn/self-reflection-meditation	Paid Certificate
Coursera	Universidad de los Andes	PlanU: escoge la mejor carrera y universidad para ti (Coursera)	www.coursera.org/learn/escoger-carrera-y-universidad	Paid Certificate
Coursera	Macquarie University	Professional development: Improve yourself, always (Coursera)	www.coursera.org/learn/professional-development-improve-yourself	Paid Certificate
Coursera	Parsons School of Design, The New School	Leveraging Design Methods to Identify Business Opportunities (Coursera)	www.coursera.org/learn/leveraging-design-methods-to-identify-business-opportunities	Paid Certificate
Coursera	Universidad de Palermo	Storytelling / Re-brand your Brand (Coursera)	www.coursera.org/learn/storytelling-re-brand-your-brand	Paid Certificate
Coursera	University of Illinois at Urbana-Champaign	Creativity Toolkit I: Changing Perspectives (Coursera)	www.coursera.org/learn/creativity-toolkit-1	Paid Certificate
Coursera	Universidad Nacional Autónoma de México	Creatividad computacional (Coursera)	www.coursera.org/learn/creatividad-computacional	Paid Certificate
Coursera	University of Michigan	Speaking and Presenting: Pitches and Persuasion (Coursera)	www.coursera.org/learn/speaking-and-presenting-pitches-persuasion	Paid Certificate
Coursera	Parsons School of Design, The New School	Creative Artifacts (Coursera)	www.coursera.org/learn/creative-artifacts	Paid Certificate
Coursera	Parsons School of Design, The New School	Natural Creativity (Coursera)	www.coursera.org/learn/natural-creativity	Paid Certificate
Coursera	University of Toronto	Human-Centered Design for Inclusive Innovation (Coursera)	www.coursera.org/learn/gender-analytics-human-centered-design	Paid Certificate
Coursera	Institute for the Future	Collaborative Foresight: How to Game the Future (Coursera)	www.coursera.org/learn/collaborative-foresight	Paid Certificate
Coursera	Institute for the Future	Forecasting Skills: See the Future Before it Happens (Coursera)	www.coursera.org/learn/forecasting-skills	Paid Certificate

Coursera	Michigan State University	How to Jumpstart Your Hidden Creative Genius (Coursera)	www.coursera.org/learn/karl-gude-creativity	Paid Certificate
Coursera	The State University of New York	Ignite Your Everyday Creativity (Coursera)	www.coursera.org/learn/ignite-creativity	Paid Certificate
Coursera	University of Rochester	The Blues: Understanding and Performing an American Art Form (Coursera)	www.coursera.org/learn/the-blues	Paid Certificate
Coursera	Berklee College of Music	Jazz Improvisation (Coursera)	www.coursera.org/learn/jazz-improvisation	Paid Certificate
Coursera	Berklee College of Music	Piano Scales for Modern Music (Coursera)	www.coursera.org/learn/piano-scales-for-modern-music	Paid Certificate
Coursera	Berklee College of Music	Piano Techniques for Modern Music (Coursera)	www.coursera.org/learn/piano-techniques-for-modern-music	Paid Certificate
Coursera	Berklee College of Music	Teaching Popular Music in the Classroom (Coursera)	www.coursera.org/learn/teaching-popular-music	Paid Certificate
Coursera	Berlin University of the Arts - UdK Duke University	Art of the MOOC: Experiments with Sound (Coursera)	www.coursera.org/learn/experiments-with-sound	Paid Certificate
Coursera	Berklee College of Music	Improvisação no Jazz (Coursera)	www.coursera.org/learn/improvisacao-no-jazz	Paid Certificate
Box Hill Institute	Box Hill Institute	Melodic Improvisation (BHI)	http://mooc.bhtafe.edu.au/	No Certificate
Coursera	University of California, San Diego	Capstone Project: Teaching Impacts of Technology (Coursera)	www.coursera.org/learn/teach-impacts-technology-capstone	Paid Certificate
Coursera	University of California, San Diego	Teaching Impacts of Technology: Workplace of the Future (Coursera)	www.coursera.org/learn/teach-impacts-technology-workplace-future	Paid Certificate
Coursera	University of California, San Diego	Teaching Impacts of Technology: Relationships (Coursera)	www.coursera.org/learn/teach-impacts-technology-relationships	Paid Certificate
Coursera	University of California, San Diego	Teaching Impacts of Technology: Data Collection, Use, and Privacy (Coursera)	www.coursera.org/learn/teach-impacts-technology-data	Paid Certificate
Coursera	University of California, San Diego	Teaching Impacts of Technology: Fundamentals (Coursera)	www.coursera.org/learn/teach-impacts-technology-fundamentals	Paid Certificate

Coursera	University of California, San Diego	Learn to Teach Java: Inheritance and Recursion (Coursera)	www.coursera.org/learn/teach-java-inheritance-recursion	Paid Certificate
Coursera	University of California, San Diego	Learn to Teach Java: ArrayLists and 2D Arrays (Coursera)	www.coursera.org/learn/teach-java-arraylist-2d-arrays	Paid Certificate
Coursera	University of California, San Diego	Learn to Teach Java: Boolean Expressions, If Statements, and Iteration (Coursera)	www.coursera.org/learn/teach-java-boolean-expressions-if-statements-iteration	Paid Certificate
Coursera	University of California, San Diego	Learn to Teach Java: Sequences, Primitive Types and Using Objects (Coursera)	www.coursera.org/learn/teach-java-sequences-primitive-types-object	Paid Certificate
Coursera	Coursera Project Network	Utilizing Engaging Assessment with Boom Learning (Coursera)	www.coursera.org/projects/assessment-boom-learning	No Information
Coursera	University of Michigan	Brilliant, Passionate You (Coursera)	www.coursera.org/learn/brilliant-passionate-you	Paid Certificate
Coursera	USO	Making Your Military Transition a Transformation (Coursera)	www.coursera.org/learn/military-transition	Free Certificate
Coursera	University of Michigan	The Science of Success: What Researchers Know that You Should Know (Coursera)	www.coursera.org/learn/success	Paid Certificate
Skillshare	Skillshare	How to Wake Up in a Positive Mood and Have an Amazing Day (Skillshare)	www.skillshare.com/classes/How-to-Wake-Up-in-a-Positive-Mood-and-Have-an-Amazing-Day/265329660	No Certificate
OpenCourse World	Universität des Saarlandes	Learn how to lead (OpenCourseWorld)	http://www.opencourseworld.de/pages/coursedescription.jsf?courseId	Paid Certificate
EdX	ChalmersX Chalmers University of Technology	Decision-Making for Autonomous Systems (edX)	www.edx.org/course/decision-making-for-autonomous-systems	Paid Certificate
EdX	UC San DiegoX University of California, San Diego	Machine Learning Fundamentals (edX)	www.edx.org/course/machine-learning-fundamentals-2	Paid Certificate
Coursera	Yale University	Narrative Economics (Coursera)	www.coursera.org/learn/narrative-economics	Paid Certificate

Coursera	University of Illinois at Urbana-Champaign	Managerial Accounting: Tools for Facilitating and Guiding Business Decisions (Coursera)	www.coursera.org/learn/managerial-accounting-tool	Paid Certificate
EdX	CurtinX Curtin University	Buyer Behaviour and Analysis (edX)	www.edx.org/course/buyer-behaviour-and-analysis	Paid Certificate
Coursera	University of Colorado Boulder	Defining, Describing, and Visualizing Data (Coursera)	www.coursera.org/learn/defining-describing-and-visualizing-data	Paid Certificate
Coursera	University of Illinois at Urbana-Champaign	Financial Analysis of Scenarios and Decisions (Coursera)	www.coursera.org/learn/financial-analysis-of-scenarios-and-decisions	Paid Certificate
Coursera	Dartmouth College	Decision-Making: Blending Art & Science (Coursera)	www.coursera.org/learn/decision-making-art-and-science	Paid Certificate
Coursera	University of Washington	Machine Teaching for Autonomous AI (Coursera)	www.coursera.org/learn/machine-teaching-ai	Paid Certificate
Coursera	Capitals Coalition	Valuing nature and people to inform business decision-making (Coursera)	www.coursera.org/learn/valuing-nature-and-people-to-inform-business-decision-making	Paid Certificate
Coursera	University of Virginia	Digital Product Management: Modern Fundamentals (Coursera)	www.coursera.org/learn/uva-darden-digital-product-management	Paid Certificate
Coursera	University of Virginia	Gestão de produtos digitais: Princípios básicos modernos (Coursera)	www.coursera.org/learn/uva-darden-digital-product-management-pt	Paid Certificate
EdX	University of Washington UWashingtonX	Introduction to Internationalization and Localization (edX)	www.edx.org/course/introduction-to-internationalization-and-localizat	Paid Certificate
EdX	University of Washington UWashingtonX	Internationalization: Creating Digital Content for the World (edX)	www.edx.org/course/internationalization-creating-digital-content-for	Paid Certificate
FutureLearn	Accenture	Digital Skills: User Experience (FutureLearn)	www.futurelearn.com/courses/digital-skills-user-experience	Free Certificate
EdX	HEC Montréal HECMontrealX	Introduction to User Experience (edX)	www.edx.org/course/introduction-to-user-experience-3	Paid Certificate

FutureLearn	Darden School of Business, University of Virginia	Getting Started with Agile and Design Thinking (FutureLearn)	www.futurelearn.com/courses/agile-meets-design-thinking	Paid Certificate
FutureLearn	Darden School of Business, University of Virginia	Digital Product Management (FutureLearn)	www.futurelearn.com/courses/digital-product-management	Paid Certificate
Coursera	The State University of New York	Child Care as a Business (Coursera)	www.coursera.org/learn/childcare-as-a-business	Paid Certificate
Coursera	Goldman Sachs	Fundamentos de la Planificación Financiera con Goldman Sachs 10,000 Women (Coursera)	www.coursera.org/learn/10k-women-esp-5	No Certificate
Coursera	Goldman Sachs	Fundamentos de Financiamento com o 10,000 Women da Goldman Sachs (Coursera)	www.coursera.org/learn/10k-women-brpt-9	No Certificate
Coursera	Goldman Sachs	Fundamentos de Planejamento Financeiro com o 10,000 Women da Goldman Sachs (Coursera)	www.coursera.org/learn/10k-women-brpt-5	No Certificate
Coursera	University of Maryland, College Park	Financial Management for Product Leaders (Coursera)	www.coursera.org/learn/financial-management-for-product-leaders	Paid Certificate
Coursera	University of Illinois at Urbana-Champaign	Introduction to Finance: The Basics (Coursera)	www.coursera.org/learn/introduction-to-finance-the-basics	Paid Certificate
Coursera	INSEAD	Blockchain Transformations of Financial Services (Coursera)	www.coursera.org/learn/blockchain-transformations-financial-services	Paid Certificate
Coursera	Universidad Nacional Autónoma de México	Valuación de empresas (Coursera)	www.coursera.org/learn/valuacionempresas	Paid Certificate
Coursera	University of Colorado Boulder	Product Cost and Investment Cash Flow Analysis (Coursera)	www.coursera.org/learn/product-cost-and-investment-cash-flow-analysis	Paid Certificate
EdX	The Hong Kong Polytechnic University HKPolyUx	Product Design for Entrepreneurship (edX)	www.edx.org/course/product-design-for-entrepreneurship	Paid Certificate

Coursera	University of Florida	Personality Types at Work (Coursera)	www.coursera.org/learn /personality-types-at-work	Paid Certificate
Coursera	University of Pennsylvania	Success (Coursera)	www.coursera.org/learn /wharton-succcess	Paid Certificate
Saylor Academy	Saylor.org	Lifespan Development (saylor.org)	http://www.saylor.org/c ourses/psych302a/	Free Certificate
Coursera	Universidade de São Paulo, Brasil University of California, Irvine	Orçamento e Cronograma de Projetos (Coursera)	www.coursera.org/learn /orcamento-cronograma-de-projetos	Paid Certificate
Coursera	Insper	Gestão de Operações (Coursera)	www.coursera.org/learn /gestao-de-operacoes	Paid Certificate
Coursera	University of Illinois at Urbana-Champaign	Operations Management: Analysis and Improvement Methods (Coursera)	www.coursera.org/learn /operations-management	Paid Certificate
Coursera	Google	Capstone: Applying Project Management in the Real World (Coursera)	www.coursera.org/learn /applying-project-management	Paid Certificate
Coursera	Google	Project Execution: Running the Project (Coursera)	www.coursera.org/learn /project-execution-google	Paid Certificate
Coursera	Universidad de Chile	Criterios para la Gestión y el Aseguramiento de la Calidad en la Educación Superior (Coursera)	www.coursera.org/learn /calidadeducacionsuperi or	Paid Certificate
Coursera	University of Illinois at Urbana-Champaign	Operations Management: Strategy and Quality Management for the Digital Age (Coursera)	www.coursera.org/learn /process-improvement-1	Paid Certificate
Coursera	Northeastern University	Intro to Managing Healthcare Supply Chain Operations (Coursera)	www.coursera.org/learn /intro-to-managing-healthcare-supply-chain-operations	Paid Certificate
Coursera	Universidad Nacional Autónoma de México	Introducción a la Calidad (Coursera)	www.coursera.org/learn /gestion-de-productividad	Paid Certificate
Coursera	Korea Advanced Institute of Science and Technology - KAIST	Supply Chain Management: A Learning Perspective (Coursera)	www.coursera.org/learn /supply-chain-management	Paid Certificate

| Coursera | IBM | Delivering Quality Work with Agility (Coursera) | www.coursera.org/learn/delivering-quality-work-with-agility | Paid Certificate |