

Online Course Catalogue

<u>Course Title</u>	<u>Study Field</u>	<u>University</u>
Emergent Technologies (for Education)	Education	University of Barcelona

CHARM priority field	Faculty	Number of credit points:
Technology and STEM	Education	3
	Department	
	Theory and History of Education	
Course code	Study Level:	Name of instructor(s):
574549	MA/MSc	Cristina Galván, Katia Pérez

Short description of the course

To explore emergent technologies for education as artificial intelligence, learning analytics, immersive reality, augmented reality and steam.

Full description of the course

https://www.ub.edu/pladocent/?cod_giga=574549&curs=2022&idioma=ESP

Learning outcomes

At the end of the course, the learner will be able to test emerging technologies for educational proposals.

Additional information

Course requirements Previous knowledge in the design of educational projects	Time zone CET (Spain, France, Germany, Netherlands, Hungary, Norway)
Language of instruction Spanish	Mode of delivery: fully online (all students participating online), at specific time (= synchronous)

Start date of course:
3/31/2025

End date of course:
05/09/2025

Contact hours per week for the student:
2

Specific regular weekly teaching day/time
Wednesdays 18h at 20h

Planned educational activities and teaching methods
Lectures, asynchronous activities and group work by pairs

Learning Management System
Moodle

Assessment methods
assignment

Certification
Transcript of records

Course literature (compulsory or recommended):
Jaakonmäki, vom Brocke, J., Dietze, S., Drachsler, H., Fortenbacher, A., Helbig, R., Kickmeier-Rust, M., Marenzi, I., Suarez, A., & Yun, H. (2020). Learning Analytics Cookbook How to Support Learning Processes Through Data Analytics and Visualization (1st ed. 2020.). Springer International Publishing. / Song, Y.; Grippa, F.; Leitao, J.; Gloor, P. (2020). Collaborative Innovation Networks: Latest Insights from Social Innovation, Education, and Emerging Technologies Research. Springer International Publishing. / Matas Terrón, A.; Leiva Olivencia, J.; Franco Caballero, P. (2020). Big Data Irruption in Education / Irrupción del Big Data en la Educación. Pixel-Bit : Revista de Medios y Educación, 57.

Number of places available for CHARM students
15

Other relevant information

None