

**BACHELOR'S DEGREE IN VIDEO GAMES DESIGN****1<sup>st</sup> YEAR**

Code	Course	ECTS Credits	Semester
8199	The Video Game Industry	6	Fall
8200	Programming Fundamentals	12	Annual
8201	Principles of Drawing, Colour and Composition	6	Fall
8202	Basic Computer Science	6	Fall
8203	Mathematics Contents	6	Fall
8204	Myths and References in Contemporanean Popular Culture	6	Spring
8205	Narrative and Video Games Genres	6	Spring
8206	Creative Design	6	Spring
8207	Video Games History	6	Spring

**2<sup>nd</sup> YEAR (to be implemented in 2022/23)**

Code	Course	ECTS Credits	Semester
8350	Audiovisual Narrative in Video Games	6	Fall
8351	Computer Graphics	6	Fall
8352	Basic 3D Modeling	6	Fall
8353	Acquisition and Control Systems	6	Fall
8354	Image Editing and Texturing	6	Fall
8355	Characters Design and Digital Sculpting	6	Spring
8356	Video Games Programming	6	Spring
8357	Sound and Audio Systems	6	Spring
8358	Data Structures and Algorithms	6	Spring
8359	Project I	6	Spring

**3<sup>rd</sup> YEAR (to be implemented in 2023/24)**

Code	Course	ECTS Credits	Semester
8360	Software Testing and Development	6	Fall
8361	Animation Theory	6	Fall
8362	2D Animation Techniques	6	Fall
8363	3D Animation Techniques	6	Fall
8364	Project Management	6	Fall
8365	Video Games Didactics and Gamification	6	Spring
8366	Intellectual Property and Copyright	6	Spring
8367	Project II	12	Spring

**OPTIONAL Courses (select 6 credits)**

Code	Courses	ECTS Credits	Semester
8368	Architecture, Lanscape and Territory	6	Spring
8369	Artificial Intelligence	6	Spring


**4<sup>th</sup> YEAR (to be implemented in 2024/25)**

Code	Courses	ECTS Credits	Semester
8370	Video Game Art Design	6	Fall
8371	Publicity, Communication and Marketing	6	Fall
8372	Usability and Gameplay	6	Fall
8373	Devices and Formats	6	Fall
8374	Networking and Multiplayer Computer Games	6	Fall
8375	Final Degree's Project	18	Spring

**OPTIONAL Courses (select 12 credits)**

Code	Courses	ECTS Credits	Semester
8376	Cross-Platform Applications Development	6	Spring
8377	Graphic Expression	6	Spring
8378	E-Sports	6	Spring
8379	External Internships	6	Spring

**IMPORTANT INFORMATION**

 English Friendly Courses.
<ul style="list-style-type: none"><li>• Fall Semester = 1<sup>o</sup> Semester</li><li>• Spring Semester= 2<sup>o</sup> Semester</li></ul>
Elective courses require a minimum of students and could change the semester
Final Degree Dissertation and Internships may need special requirements