



3D Production and Image Synthesis - UI/UX Design (profile 574.CX)

[LEARN MORE](#)**Duration**3 years (6 semesters,
2700 hours)**Schedule**Full-time
Daytime**Languages****of Instruction**
English, French**Methods of****Instruction**
On-campus

Step into the exciting world of UI and UX design with the LaSalle College's 3D Production and Image Synthesis DCS, where technology and design come together to shape the future of digital experiences. This innovative program teaches you how to design interactive interfaces and immersive visual environments, combining the digital visual art with a deep understanding of user-centered design. Whether you're developing video games, industrial simulations, or virtual worlds, you'll acquire essential skills to enter the industry or launch your own business with expertise in visual communication. By exploring the endless possibilities of digital environments, you'll learn to turn your ideas into impactful interactive experiences, ready to make a mark in entertainment and beyond.

Career Prospects

Job prospects for interactive media developers has consistently outpaced supply in recent years. Despite an expected increase in new job seekers, labor shortages in this field are projected to persist, ensuring continued employment opportunities in video games, virtual reality, web development, and industrial simulation.

Career Fields

- UX/UI Designer (Technical)
- 2D/3D Generalist/Concept Artist
- Digital Designer/Modeler/Draftsman

Opportunities

Our unique approach incorporates real-world experience with classroom learning for a hands-on, practical education.

- Collaborate with active industry professionals;
- Sharpen skills in a practical setting;
- Create a portfolio tailored to your career objectives;
- Join our computer club to maintain connections with companies and to attend several events and workshops.

Cutting-edge Facilities and Equipment

Experiment with industry-standard equipment, software, and technology in our advanced facilities, including:

- FLEX classrooms,
- Active learning classrooms,
- Fully equipped computer lab,
- And many others!

Actively participate and collaborate with teachers using these specialized facilities, boosting your motivation and confidence.

Diploma and Accreditation

This Diploma of College Studies (DCS) is approved by the ministère de l'Enseignement supérieur of Québec and is internationally recognized.

Holders of a Diploma of College Studies (DCS) can pursue university studies or enter the workforce directly.

Work Experience

Get sought-after practical experience with our Career Service and our **Work-Study Program (WSP)**, which incorporates two paid internships into your program.

Our 3D Production and Image Synthesis (Profile in UI/UX design) program also includes a **255-hour internship** as part of the curriculum.

For this program, you'll
need to use your own
computer equipment.

[SEE REQUIREMENTS](#)



Tuition

Estimate the cost of your studies in 4 easy steps.



[CALCULATE MY FEES](#)

Financial Aid

Resident of Québec?

This program qualifies for the **Québec Perspective Scholarship Program**. You could receive \$1,500 for each successful semester (for a maximum total of \$9,000 for 3 years).

Admissions Criteria

Exceptions to these admission criteria may be applied. Every application is reviewed by the College.

To be eligible for acceptance into this program, applicants are generally required to meet one of the following criteria:

- Secondary School Diploma (SSD).
- Diploma of Vocational Studies (DVS) with completion of:
 - Language of Instruction from Secondary 5,
 - Second Language from Secondary 5,
 - Mathematics from Secondary 4.
- Equivalent education or an instruction deemed sufficient.

List of Courses

Diploma of College Studies (DCS) programs consist of:

- General education courses common to all programs,
- General education courses specific to the program,
- Complementary general education courses.

General Education Courses

College-level institutions emphasize general education that focuses on core cultural knowledge, skill development, responsible citizenship, and shared cultural heritage.

Alumni have a well-rounded skill set and general knowledge that is valued in the workplace.

- 3 Physical Education courses (90h)
- 3 Humanities courses (150h)
- 4 Literature courses (240h)
- 2 Second Language courses (90h)
- 2 complementary courses (90h)
(depending on eligibility, 1 French Literature course)

Concentration Courses

You must take 2 concentration courses in French.

- Introduction to digital images (90h)
- Computer Tools (45h)
- Information Systems (45h)
- Drawing (60h)
- Interactive design (45h)
- Game Design (60h)
- Digital Drawing (60h)
- Introduction to artificial intelligence (60h)
- Profession and Industry (60h)
- Programming tools (60h)
- Image generation (90h)
- Algorithms and Programming (90h)
- Visual narrative and communication (60h)
- Animation techniques (60h)
- Graphical environment (75h)
- Lights and ambience (75h)
- Project Management (90h)
- Computer simulation (90h)
- Immersive techniques (90h)
- Usability (90h)
- Integrative skills project (150h)
- Research, Ethics and Profession (75h)
- Creativity, Innovation and Critical Thinking (45h)
- Composition and rendering (60h)
- Visual communication (60h)
- Internship (255h)

* The College reserves the right to substitute some courses.