



Interactive Arts and Digital Media

Program Handbook – 2026-2027 Edition

LEARN. BUILD. INNOVATE.

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1. Welcome

Welcome from the Department Chair



Alex Christie
Chair
Department of Digital Humanities
achristie@brocku.ca

Welcome to Brock and the Interactive Arts and Digital Media program!

You have chosen an exciting and future-oriented program that is about learning through doing and making things that matter. During your time in the program, you will move fluidly between theoretical knowledge and practical production, working collaboratively in the growing area of Interactive Digital Media.

Whether your primary area of interest is design, art, sound, narrative, prototyping, scholarship, education, entrepreneurship, or a cross-section of these and interrelated focuses, you will find a home here. Our students are highly creative and collaborative, working together to (first) understand how technologies operate and (increasingly) rethink existing systems, platforms, and practices to design them for the better. This often involves a great deal of self-expression, iterative development, continual learning, and, of course, academic study. Beyond that, it also involves a great deal of fun. You will spend no small percentage of your time in the program conducting innovative projects and sharing them with the world.

Throughout your time with us, should you wish to meet with me to discuss how the IADM program can help you achieve your academic and career goals, please don't hesitate to reach out.

Welcome from the Academic Advisor



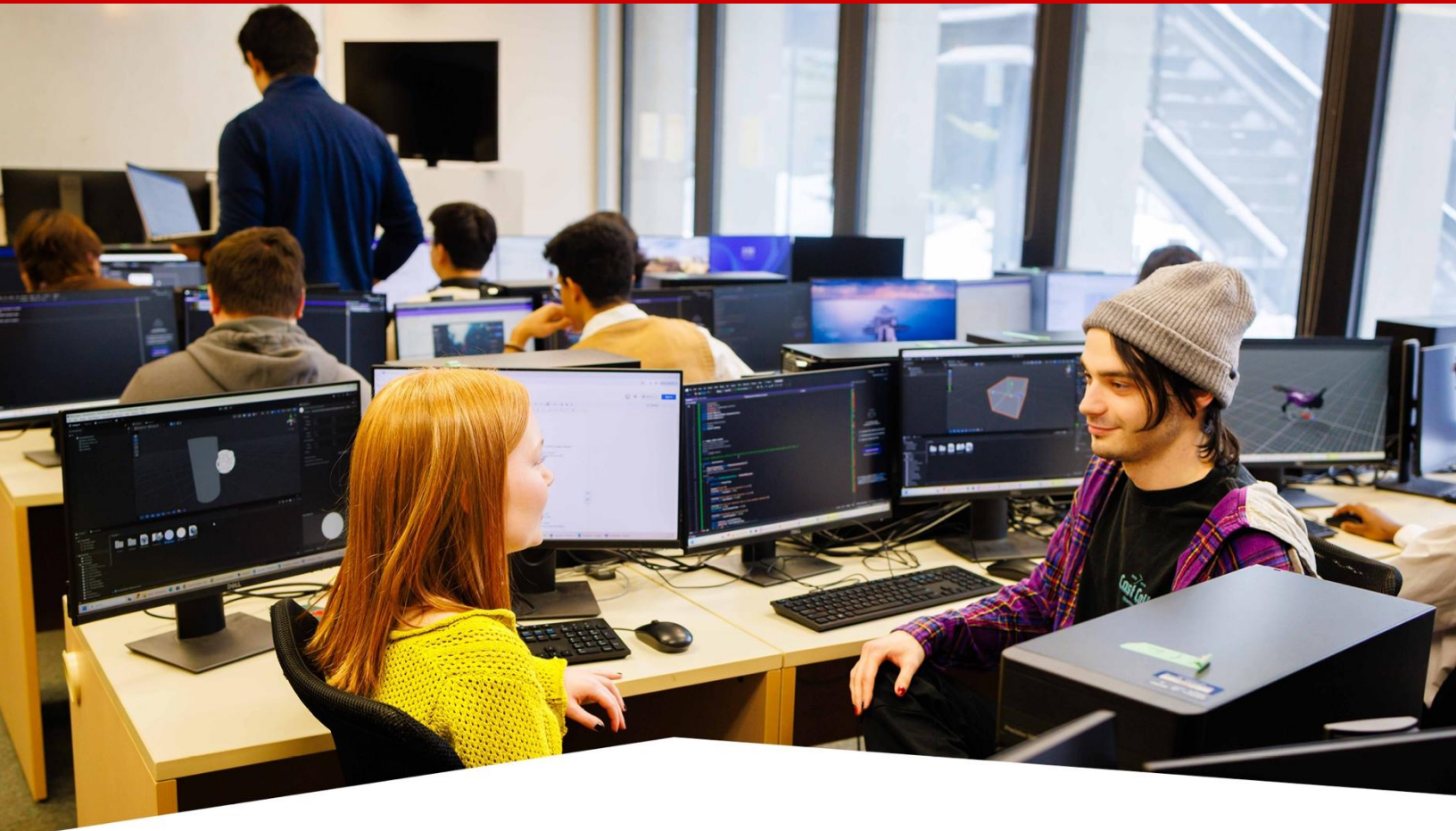
Elizabeth Maddeaux
Academic Advisor
Faculty of Humanities
rmaddeaux@brocku.ca

As your Academic Advisor, I welcome you to this dynamic and cutting-edge program.

My role is to assist you in navigating the regulations and requirements of your degree, offering support and direction, and outlining options for some of the decisions you will need to make. I want to hear about the challenges you are experiencing as well as your successes. The interdisciplinary nature of the IADM program can make decisions related to course selection and program progression challenging at times, but also engaging and exciting. I am here to assist you in that process.

Meeting with your Academic Advisor once each year is a good practice to start in your first year. During the academic year (September - April), I am available to meet with you for longer appointments during which we can discuss your career goals and pathways, course selection, further education, and the broader picture of who you are as a student. In the spring and summer months, I am available should you encounter issues related to registration.

I look forward to our conversations!



About this Handbook

This handbook will help you navigate the IADM program, which provides students with a lot of flexibility and choice. The following chapters provide:

- a **program overview** (Chapter 2);
- a description of the year-by-year **program flow** with particular attention to the core courses (Chapter 3);
- a list of the **program outcomes** which you should endeavour to work towards (Chapter 4);
- information about the **facilities and technologies** you can access (Chapter 5);
- an overview of the diversity of **program options** you can choose to pursue (Chapter 6).

In addition to familiarizing yourself with the contents of this handbook, you should also review the Interactive Arts and Digital Media entry in the Undergraduate Calendar (https://calendar.brocku.ca/preview_program.php?catoid=23&poid=10258), which formally outlines the program requirements.

Personnel and Program Support

The personnel in the Department of Digital Humanities (DDH) are people to whom you can turn for support. You will be introduced to the DDH administrative staff early on in your first year. The DDH website (<https://brocku.ca/humanities/digital-humanities/>) also lists their names, roles, and contact information and included below is a quick summary of support and information assistance available.

Contact our **Interactive Digital Media Specialist, Research & Learning Support, Jamie Roboz** (jroboz@brocku.ca), whose office is in TH 269 E, if you have ideas or questions about:

- computer lab administration;
- available software, tools and services;
- research opportunities;
- back-end project management and IT support.

Contact our **Project Coordinator, Jeremy Leipert** (jleipert@brocku.ca), whose office is in TH 269 F, should you have suggestions or questions about:

- professional development events and workshops;
- experiential learning and internships
- community partnerships and professional outreach;
- front-end project management.

Keep in mind you are always welcome to reach out to Alex Christie (achristie@brocku.ca) the Chair of the DDH, for academic matters and we encourage you to contact Elizabeth Maddeaux (rmaddeaux@brocku.ca) for regular academic advisement. Additionally, we maintain a regular Part-Time Instructor's office at MCA 212 for meeting with your non-faculty educators.

We are all here to help you get the most from your IADM experience and happy to assist you.

2. Program Overview

The IADM Program

Interactive Arts and Digital Media is a unique interdisciplinary program at Brock. In 2026, the program was renamed from Interactive Arts & Science (IASC) to Interactive Arts and Digital Media (IADM). The change reflects the incredible student successes we have seen in the program since its inception, as graduates pursue a range of careers across the Interactive Digital Media (IDM) sector, including expressive and artistic work. The program prepares the next generation of digital media innovators and scholars. You'll focus on the intersection of interactive technologies and the humanities — gaining new digital media creation skills along the way.

Among the highlights of the IADM program:

- a focus on the future of technology;
- a combination of academic scholarship and applied, hands-on experience;
- an intermixing of students with diverse talents (e.g., computer programming, creative writing, and visual arts);
- individualized programs of study in which IADM students largely determine their own program pathways;
- many opportunities to collaborate with others on joint projects;
- opportunities to take courses taught by academic faculty and industry professionals;
- optional internship placements in digital media companies;
- preparation for careers in interactive media and further academic studies (e.g., graduate degrees).

Career Opportunities

The IASC (now IADM) major program was established in 2006. Since then, graduates of the program have pursued a wide range of careers, including:

- 3D Modeler and/or Animator
- Digital Tools Specialist
- Entrepreneur
- Game Designer
- Graphic Artist
- User Interface Developer
- Multimedia/Web Designer
- New Media Scholar
- Software Developer
- Project Manager/Producer
- User Experience Designer
- And so much more!

Advice from a former Graduate

Paige Wolf is a 2025 program graduate. As the Department of Digital Humanities' Joyce Lucey Award winner in their graduating year, Paige was the Art Lead on the Level-Up Showcase Official Selection game, ARF Squad. Paige was employed as a research assistant in the Mapping Ann Marie McDonald Project working directly with the author.

The following is Paige's advice to current and future students:

"Thinking about 4 years ago, when I first stepped on campus at Brock, I couldn't predict where I would be today. I have so many amazing memories with my friends in IASC. University can be challenging, but it's an experience of a lifetime to be able to follow my passions and learn something I truly care about!"

"When starting at IASC I fell in love with so much the major had to offer, even after only a year in the program. There are so many different, unique paths and real-world opportunities in IASC are amazing. I am so fortunate to be able to have courses in digital production. Those classes have advanced my skills in ways I could not imagine and allowed me to learn how to communicate with diverse teams.

"A motto I love to follow is 'when you love your job, it's not work,' and I am happy to admit that I loved every job I had in a production course in IASC. We work hard, but it never feels like it.

IASC is such an amazing program with so many supportive people. The instructors, professors, and staff in the department are top tier. There is so much help with anything and everything that it truly feels like everyone belongs and has their own special place in the program.

"As a woman in IASC, I want to show that we are amazing people that have incredible skills. I want any other woman to join IASC because it is an environment where everyone can strive and succeed. I am proud to say that everyone's voice in class is equal and heard.

I could have never imagined the resources we have as students. All these supportive people and resources have helped me grow as a student and a professional. I think the courses we are offered are so cool and unique! Every class has incredible takeaways. Each student is constantly growing in IASC, and people will help anyone in any way they can.

"My time at Brock has been unforgettable! Time flies when you're having fun and surrounded by amazing people. I can't thank everyone in the Department of Digital Humanities enough for supporting me with everything throughout the years. Without them, I would not have found my passion for digital art or my profession!"

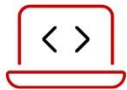
Guiding Questions

IADM is designed for future-oriented students who think ‘outside the box’ about a wide range of questions, such as:



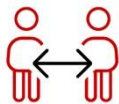
The humanities in a digital world...

- What will technology look like in the future?
- How will all the information on the Internet be archived and preserved?
- How has writing been transformed in the digital age?
- How will we interact with maps in the future?
- What will libraries look like 20 years from now?
- How can massive data sets be visualized in creative ways?
- How have emerging technologies changed the human experience?
- How does digital scholarship intersect with my area(s) of academic interest?



Interactive media skills...

- How can I develop new skill proficiencies with digital tools?
- How can I build a portfolio of work that showcases my skills to potential employers?
- How can I employ interactive media tools in my academic research?
- How can I use digital production tools to achieve my creative goals?
- How can I develop new digital tools to support the work of others?



Collaborating with others...

- How can I collaborate with others on joint multimedia and academic projects?
- What are the most effective practices for managing team-based projects?
- How can I build and contribute to an online community of scholarship?

Throughout the IADM program, you will complete a diverse array of courses that each focus on a subset of these questions (and many others). You will be challenged to think deeply about these questions, purposefully applying what you learn to your academic studies, applied project work, and collaborations with others.

Example Topics

Throughout the IADM program, there will be ample opportunities to explore a diversity of topics. The list below is by no means exhaustive, but it does point to the wide range of interactive media that are addressed in the program:

- augmented and virtual reality
- creative coding (e.g., hacking, circuit bending, and exploratory use of code)
- digital archiving (e.g., repositories)
- digital museum exhibits
- digital publishing, communities of practice, and knowledge exchanges
- digital tools that support academic research
- hardware prototyping
- instructional design
- locative and mobile media
- multimedia and Web-based projects
- new forms of interactive narrative
- programming and the manipulation of data
- simulations and visualizations (e.g., modeling, walkthroughs, and imagined worlds)

Program Pathways

The Interactive Arts and Digital Media program can be completed as:

- a four-year BA Honours degree
- a three-year BA Pass degree
- a Combined Major (Pass or Honours)
- a Minor

For specific details about the program requirements for the Combined Major and Minor pathways, please consult the IADM Program in the Undergraduate Calendar

(https://calendar.brocku.ca/preview_program.php?catoid=23&poid=10258&returnto=643).

The IADM program is designed to accommodate the needs of all students, whether you are focusing solely on IADM, combining IADM studies with another Major, or taking a few IADM courses towards a Minor or as part of another Brock program.

Concentrations

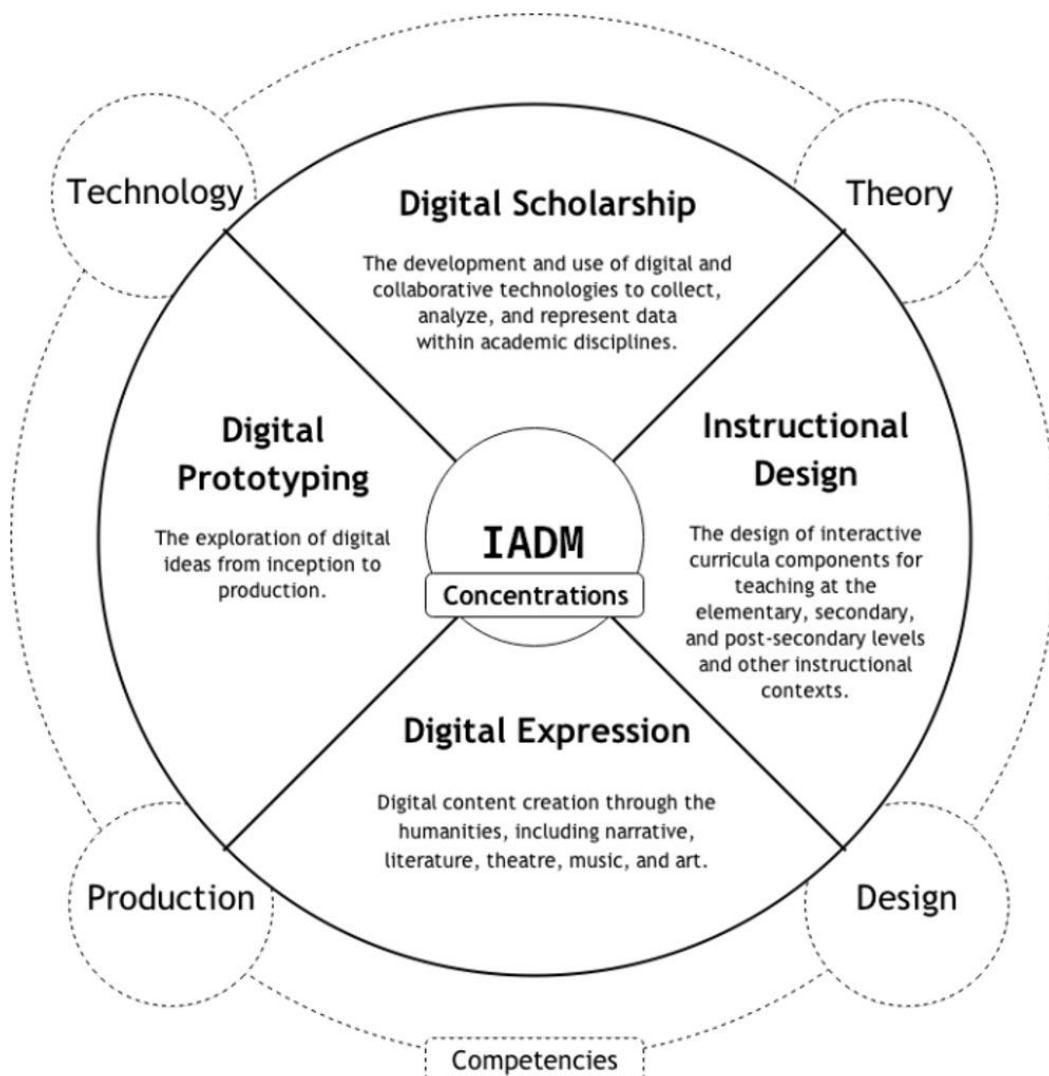
The IADM Honours degree program (including the Combined Major option) supports four concentrations (see figure).

A concentration is a specific topic area to which a cluster of courses contribute content.

As an IADM student you can choose to complete the equivalent of six (or more) full credits from the courses that are attached to one of the four concentrations (as listed in the IADM entry in the Undergraduate Calendar—See Concentrations). Should you declare a concentration, your IADM Honours degree will note the concentration you focused on.

For example:

Bachelor of Arts (Honours) with a Concentration in Digital Prototyping



Below are the four IADM program concentrations:

Digital Expression: Digital content creation through the humanities, including narrative, literature, theatre, music, and art;

Digital Prototyping: The exploration of digital ideas from inception to production;

Digital Scholarship: The development and use of digital and collaborative technologies to collect, analyze, and represent data within academic disciplines;

Instructional Design: The design of interactive curricula components for teaching at the elementary, secondary, and post-secondary levels and other instructional contexts.

Two of the above concentrations may be of particular interest to students who are pursuing Combined Majors.

The Digital Expression concentration connects the IADM program to other Humanities disciplines in artistic ways (e.g., English, Dramatic Arts, Music, and Visual Arts).

The Digital Scholarship concentration explores the important roles digital tools play in helping scholars achieve their academic goals in a variety of disciplines (e.g., History, English, Geography, Philosophy, Popular Culture, Psychology, and Sociology).

Pursuing a concentration is optional. However, you might find it helpful to do so in order to structure your studies. As noted above, the IADM program supports highly individualized programs of study in which you can largely determine your own personalized program pathway. Pursuing one of the four available concentrations is one way to organize your studies.

Experiential Education in the IADM Program

Through the IADM program, you will have opportunities to connect directly with interactive media designers, industry personnel, and knowledge specialists, coupled with hands-on opportunities to engage in experiential learning.

Below is a brief overview of the kinds of experiential opportunities you can look forward to:

- **Competencies in IADM (IADM 2P08):** A half credit course in which you choose the professional development events you attend for course credit;
- **Brock University Design Studio (BUDS):** Cross-disciplinary student teams working with external sponsors on innovative, real-world projects;
- **Industry Night:** Annual networking event designed to unite students and industry partners. Opportunities to connect with industry professionals.;
- **Capstone Project:** With industry consultation, 4th year students use state-of-the-art development tools and project management practices in a mock studio environment to deliver an interactive media prototype for public showcase;
- **Internships:** Unpaid 80-hour work placements with professional practitioners in the interactive digital media sector;
- **Project-based Learning:** courses offering hands-on experience with motion capture, 3D modeling, video production and makerspace technologies.

3. Program Flow

Overview

The IADM program is purposefully designed to scaffold learning over your three or four years in the program. Each year you will complete core courses, along with other IADM students, and elective courses that will often include a mix of IADM and other Brock students.

As the IADM program is interdisciplinary, some of the courses you complete will be cross-listed with other academic departments at Brock, offering you the chance to get to know students outside the program.

Most of your courses will be taught in small groups, but there will also be a few large enrolment and online courses.

Year 1 is an introduction to the IADM program and the study of interactive digital media and the digital humanities. Year 2 focuses on competency development in the skill and topic areas that are aligned with the four concentrations:

- Digital Expression
- Digital Prototyping
- Digital Scholarship
- Instructional Design

Year 3 focuses on strategies for successfully collaborating on interactive media projects. There is also an opportunity to showcase what you have learned in the IADM program. For those who are completing the Honours program, Year 4 centres around a collaborative interactive media project that you will plan from inception to release with other upper year students.

As noted below, each year of the IADM program focuses on a driving question. As you progress through the program, keep the current year's question in mind, reflecting on how it is meaningful to you, both in terms of your academic studies, but also thinking ahead to your career plans.

Year 1

Driving Question: *What is possible in interactive arts and digital media?*

In the first year of the program, the introductory *IADM 1F01 - Foundations of Interactive Arts and Digital Media* core course surveys the four concentrations from both a conceptual and applied, hands-on perspective. You will begin to build your skillset in each of four areas: Theory, Technology, Design, and Production. You will also begin work on a personal interactive media portfolio that you will continue to develop throughout the program.

Below are the Year 1 program requirements, followed by the course descriptions for the two core courses:

- IADM 1F01 - Foundations of Interactive Arts and Digital Media
- IADM 1F02 - Being Human in a Digital World
- one IADM credit numbered 1(alpha)00 to 1(alpha)99
- one Sciences context credit
- one Social Sciences context credit

IADM 1F01 - Foundations of IADM

Conceptual frameworks for interactive media technology, design, theory and production. Focus on digital scholarship, expression, prototyping, and instructional design. Practice-based projects leading to the development of an interactive media product.

IADM 1F02 - Being Human in a Digital World

Exploration of how emerging technologies shape human identities and lifestyles. Impact of rapid technological change on citizenship, education, employment, entertainment, globalization, health, privacy and security. Predictions of what the future may hold and its implications for the human condition.

Note: IADM 1F02 is a large enrolment online course which serves as your Humanities context credit.

Year 2

Driving Question: *How can I develop my competencies with interactive media?*

In the second year of the program, you will complete core courses that focus on specialized topic areas. Each course focuses on a specific competency which is drawn from one of the four concentrations, but which is also applicable to the other concentrations.

Below are the Year 2 program requirements, followed by the course descriptions for the five core courses:

- IADM 2P01 - Foundations of Project Management (drawn from the Digital Prototyping concentration)
- IADM 2P02 - Solving Problems through Interactive Arts and Digital Media (drawn from the Digital Scholarship concentration)
- IADM 2P03 - Interaction and Interface Design (drawn from the Instructional Design concentration)
- IADM 2P06 - 3D Objects, Environments and Visualization (drawn from the Digital Expression concentration)
- IADM 2P08 - Competencies in Interactive Arts and Digital Media
- one and one-half IADM credits numbered 2(alpha)00 to 3(alpha)99
- one elective credit

IADM 2P01 - Foundations of Project Management

Professional strategies for planning and managing projects from inception to closure. Managing risks and constraints. Promoting collaboration and communication. Time management strategies for individuals and project teams. Solutions to common project management challenges. Introduction to project management software and organizers.

IADM 2P02 - Solving Problems through IADM

Role of digital tools in addressing scholarly questions in the humanities. Case studies, current trends and critical debates.

IADM 2P03 - Interaction and Interface Design

Composition and interface design for reactive and interactive systems. Layout, graphics and media tools for user interface design. Models for how interactivity shapes understanding and expectations of digital media tools and interfaces.

IADM 2P06 - 3D Objects, Environments and Visualization

Introduction to concepts and tools for 3D modeling, texturing, lighting, cameras, and navigation for the production of virtual spaces and mixed-reality environments. Contemporary perspectives on the simulation and representation of 3D spaces in a humanities context. Introduction to 3D scanning and printing.

IADM 2P08 - Competencies in IADM

Workshops, conferences, networking events, volunteer opportunities and other experiences related to the Interactive Arts and Digital Media program.

The last course above – IADM 2P08 – is unique in that it will enable you to apply 30 accumulated hours of IADM-related non-course studies for credit. This could potentially include workshops, conferences, networking events, volunteer opportunities, and other experiences that extend your learning beyond more traditional coursework.

To complete this course, you will be asked to track and collect evidence for the non-course studies you engage in.

In order to help you accumulate the required 30 hours of non-course experience, the Department of Digital Humanities will offer workshops throughout the year, but you will also be encouraged to attend conferences, workshops, presentations, maker-faires, hackathons, and other events that are internal or external to Brock. Each can count toward course credit.



Year 3

Driving Question: *How can I demonstrate my competencies with interactive digital media?*

In the third year of the program, you will apply the knowledge and skills you have learned in Year 2 to the collaborative design of an interactive media product. You will also showcase your growing interactive media competencies by completing work on the interactive media portfolio that you have been developing since Year 1.

Your opportunities for inclusion in community partner events, hosted workshops and project-based skills development classes increase and expand in your 3rd year in IADM, offering further practical experiences in which to apply your education.

Below are the Year 3 program requirements, followed by the course descriptions for the two core courses:

- IADM 3F02 - Interactive Media Practices, Prototyping and Production
- IADM 3P97 – Interactive Media Portfolio
- two and one-half IADM credits numbered 2(alpha)00 to 3(alpha)99
- one elective credit

IADM 3F02 - Interactive Media Practices, Prototyping and Production

Concepts, design, and best practices in the development of an interactive media object. Professional project management strategies for production in a team environment.

IADM 3P97 – Interactive Media Portfolio

Cumulative portfolio that presents and reflects upon individual and team work (process and completed productions) developed through Interactive Arts and Digital Media and Game Design programs.



Year 4

Driving Question: *What can I accomplish in collaboration with others?*

In the fourth year of the program, IADM students who are pursuing an Honours degree will collaborate on a team-based interactive media project. Students will also pursue advanced studies in their areas of developing expertise.

Below are the Year 4 program requirements, followed by the course description for the 2.0 credit core course:

- IADM 4L00 - Collaborative Practicum in Interactive Media Design and Production
- two IADM credits numbered 3(alpha)90 or above
- one elective credit

IADM 4L00 - Collaborative Practicum in Interactive Media Design and Production

Planning and production of a collaborative interactive digital media project.

4. Program Outcomes

Overview

The program outcomes below, grouped into twelve competency areas, are the degree level expectations for the IADM program. Each core course in the IADM program addresses a subset of the program outcomes below (plus additional course outcomes that are specific to the course).

It is important that you familiarize yourself with the IADM program outcomes and come to see them as benchmarks to strive towards.

The last four program outcomes - Digital Expression, Digital Prototyping, Digital Scholarship, and Instructional Design - are drawn from the IADM concentrations.

1. Foundational Knowledge

- 1.1 Demonstrates a familiarity with the diverse array of contexts in which digital media is situated (e.g., philosophical, cultural, and economic);
- 1.2 Applies the principles of aesthetics and design to art and interactive media project work;
- 1.3 Demonstrates the ability to interpret standards, conventions, schematics, and common practices;
- 1.4 Understands the interconnectivities between visual/aural/haptic forms as they contribute to artistic practices.

2. Transferable Skills

- 2.1 Demonstrates strong higher order thinking skills (e.g., analysis, synthesis, and evaluation);
- 2.2 Critically evaluates the quality of information and resources;
- 2.3 Develops coherent arguments to support specific points of view;
- 2.4 Articulates multiple perspectives related to controversial issues;
- 2.5 Employs a diverse technical skillset with one or two specializations;
- 2.6 Produces technical and user documentation;
- 2.7 Honours copyright and fair usage laws. Credits others as appropriate.

3. Creativity

- 3.1 Demonstrates the ability to think divergently and 'out of the box';
- 3.2 Demonstrates an openness to new ideas and ways of doing things;
- 3.3 Demonstrates an entrepreneurial spirit within academic, creative arts, and/or business contexts.

4. Intrapersonal

- 4.1 Is self-motivated, well organized, and dependable;
- 4.2 Exhibits a high degree of self-efficacy;
- 4.3 Learns from one's successes and failures;
- 4.4 Demonstrates a future oriented mindset;
- 4.5 Demonstrates a sensitivity to diverse contexts (e.g., cultural and ability level).

5. Communication

- 5.1 Demonstrates strong oral, written, and digital literacy skills;
- 5.2 Communicates complex ideas clearly and concisely;
- 5.3 Communicates effectively across disciplinary boundaries;
- 5.4 Demonstrates a proficiency with multimodal communications;
- 5.5 Effectively engages audiences when public speaking;
- 5.6 Effectively uses online media and design tools to communicate ideas.

6. Collaboration

- 6.1 Works collaboratively with others (e.g., undergraduate/graduate students, professors, and librarians);
- 6.2 Provides and invites constructive feedback;
- 6.3 Actively participates in online participatory cultures.

7. Project Management

- 7.1 Effectively applies business and project management principles to the execution of projects (e.g., time and risk management, project scoping, and quality control);
- 7.2 Produces project and business plan proposals;
- 7.3 Conducts market and needs analyses in support of project planning;
- 7.4 Produces project timelines/schedules with embedded milestones;
- 7.5 In collaboration with others, secures the expertise and resources needed to achieve project goals;
- 7.6 Establishes criteria for assessing project success;
- 7.7 Endeavours to meet the expectations of project sponsors;
- 7.8 Demonstrates a responsiveness to user testing and feedback;
- 7.9 Is able to multi-task and manage multiple projects simultaneously.

8. Career Preparedness

- 8.1 Is forward thinking, resourceful, and self-reflective in terms of one's academic and professional growth;
- Critically reflects on one's learning in the IADM program;
 - Builds a personalized IADM program pathway in support of one's academic and professional goals;
 - Invests in learning opportunities outside of the IADM program;
 - Builds a professional portfolio which showcases one's accomplishments in the IADM program.

9. Digital Expression (Concentration)

- 9.1 Produces discipline-based design documents;
- 9.2 Uses production tools to create discipline specific digital artifacts (e.g., text, images, 3D objects, animation, audio, video, multimedia, apps, and games);
- 9.3 Creates coherent narratives for various media platforms (e.g., text, image, and video) and demonstrates a historical/contextual understanding of narrative theory (i.e., narratology);
- 9.4 Designs effective marketing plans and materials in support of completed projects (e.g., advertisements, press releases, testimonials, reviews, and social media promotion).

10. Digital Prototyping (Concentration)

- 10.1 Demonstrates a knowledge of common programming languages (e.g., C#) and basic computing concepts/modes of thinking (e.g., algorithmically, logically, modularly, and systemically);
- 10.2 Applies the principles of systems design to the contexts of physical computing/embedded systems/fabrication;
- 10.3 Develops working prototypes from inception to production;
- 10.4 Employs iteration and versioning concepts/processes.

11. Digital Scholarship (Concentration)

- 11.1 Demonstrates an understanding of the history and current issues related to digital scholarship (e.g., ethics, representation, and preservation);
- 11.2 Conducts literature reviews and consults with experts in order to deepen one's understanding of topics and issues;
- 11.3 Critically discusses discipline-based digital scholarship exemplars;
- 11.4 Demonstrates an in depth understanding of how the digital humanities is represented within an academic discipline (i.e., key concepts, theoretical perspectives, methodologies, and current advances);
- 11.5 Analyzes and critiques scholarly texts;
- 11.6 Drafts focused research and scholarly questions;
- 11.7 Employs a range of research methodologies related to a scholarly discipline;
 - Demonstrates an understanding of the importance of ethical review;
- 11.8 Effectively draws on quantitative and qualitative primary data;
- 11.9 Demonstrates a fluency with the diverse ways in which digital scholarship can be disseminated.

12. Instructional Design (Concentration)

- 12.1 Demonstrates proficiencies with a suite of multimedia and instructional design tools;
- 12.2 Effectively achieves learning goals through the integration of texts, multimedia, and interactive media;
- 12.3 Collaborates with subject matter experts;
- 12.4 Effectively translates educational goals through the principles of design;
- 12.5 Demonstrates a theoretical and applied understanding of usability principles;
- 12.6 Designs user interfaces that are functional, standards compliant, and attractive;
- 12.7 Designs instructional media that provides timely feedback to users and instructors;
- 12.8 Effectively applies the principles of instructional assessment and backwards design.

The Joyce Lucey Award

Each year the Joyce Lucey Award is awarded to "an outstanding student majoring in Interactive Arts and Digital Media in the Department of Digital Humanities." Recipients are selected by faculty within the Department of Digital Humanities.

The Department of Digital Humanities would like to thank Barry W. K. Joe for making this award possible. Their support reflects the generous spirit of those who seek build and make new things at Brock University.

5. Facilities and Technologies

Overview

As an IADM student, you can access a wide array of design and production facilities and digital technologies in support of your interactive digital media project work. Some of these facilities and technologies are maintained by the Department of Digital Humanities (DDH) where the IADM and GAME programs are housed.

Other facilities and technologies are maintained by Brock University or the DDH's partners. They are available for shared use by IADM students as outlined below.



The DDH's Collaborative Production Lab for students (TH269H).

Interactive Media Lab (TH269H)

The Collaborative Production Lab is our 24-hour student dedicated workspace. The lab includes the following features:

- Upgraded to 24 dual monitor workstations with uninterruptible power supplies and Wacom Intuos Pro tablets;
- All workstations, upgraded in 2024, are among the most powerful computers on campus, designed for game development;
- XP-Pen Professional grade drawing tablets;
- Professional interactive media and design software from Adobe, Autodesk, Unity and more;
- State of the art mobile presenter console with 3 x 55" universally accessible HD displays;

- Multiple generations of playtesting and research video game consoles plus two HD widescreen televisions;
- Online accessible software version control repositories for student projects;
- Collaborative and configurable meeting and workspace areas integrated directly into the environment.

Interactive Media Lab – Quiet Space (TH269K)



Similar to the Collaborative Production Lab, this quiet space is 24/7 accessible to IADM students. The lab serves as the scheduled studio space. Quiet work and audio recording are given priority.

This 24/7 access space offers:

- 7 dual monitor performance workstations with uninterruptible power supplies;
- Whisper Room professional recording booth with Mbox, ProTools, and cardioid dynamic microphone;

Fourth Year Production Studio (TH269G)

The Fourth Year Production Lab, similar to the Collaborative Production Lab, is 24/7 accessible to IADM students in our senior practicum classes. The lab serves as the dedicated studio space for IADM 4L00 and IADM 4F03 (GAME program). This 24/7 access space offers:

- 15 dual monitor performance workstations with uninterruptible power supplies;
- Mobile VR-ready workstation;
- Whiteboards and meeting tables.

Fourth Year Production Studio (TH269A & TH269B)

The partitionable Fourth Year Production Lab, similar to the Collaborative Production Lab, is 24/7 accessible to IADM students in our senior practicum classes. The lab serves as the dedicated studio space for IADM 4L00 and IADM 4F03 (GAME program). This 24/7 access space offers:

- 15 dual monitor performance workstations, upgraded in 2023, with uninterruptible power supplies;
- Mobile VR-ready workstation;
- Whiteboard and meeting tables.

Interactive Media Teaching Lab (TH269J)

This teaching lab, upgraded in 2024, features:

- 24 dual monitor performance workstations, upgraded in 2023, with uninterruptible power supplies;
- Additional Laptop seating for group projects;
- Professional interactive media and design software from Adobe, Autodesk, Unity and more;
- 1080p Projector and HDMI laptop connector.

Seminar Rooms (TH269C)

The DDH houses a multimedia seminar room that accommodates 25 participants. All the tables and chairs are on castors, allowing the rooms to be reconfigured into various setups. The room is equipped with a PC, a region free DVD player, VCR, audio, two projectors, two screens, one document camera, three white boards, and dimmer lights.



Bookable Technologies

DDH bookable equipment includes game capture hardware, microphones, video games, Wacom tablets, webcams, and more. A portable Brock Connect teleconference system can be moved to different spaces within the DDH.

Makerspace Technologies

The Makerspace provides hands-on access to emerging technologies and provides a collaborative learning space for all to play, learn, and invent. Located directly across from the Department of Digital Humanities in the Rankin Family Pavilion. Students can access:

- 3D Printers
- Laser Cutters
- Robotic Kits
- Sound Production Tools
- Professional Software
- DSLR Cameras
- Arduino Kits
- Virtual Reality

<https://brocku.ca/library/makerspace/>



6. Program Options

Overview

The IADM program is highly individualized and designed to maximize choice and flexibility so that you can tailor your program of study to match your own specific academic and career goals. In addition to completing the IADM program as a Combined Major or Minor with another academic discipline and/or organizing your program of study around one of the four IADM program concentrations, you may also wish to consider the following program options. Each will help you prepare for your choice of career and/or further academic study.

Brock LINC Startups

Do you have an entrepreneurial vision for a new interactive media business? If so, you may wish to investigate Brock LINC's business residency program for student entrepreneurs (<https://brocku.ca/linc/>). Brock LINC is Brock's business startup incubator. It regularly holds events for budding entrepreneurs and also provides seed funding for student business start-ups.

Minor in Business

If you think you might be interested in starting your own company or pursuing a career in the world of business, you may wish to consider completing the IADM program along with a Minor in Business.

Review the Business entry in the Undergraduate Calendar (<https://calendar.brocku.ca/>), which formally outlines the requirements for the Minor in Business.

APCO Courses

The Department of Digital Humanities works in close partnership with the Department of Computer Science which offers the Applied Computing (APCO) program.

A number of APCO courses are cross-listed with the IADM program. Plan to include a selection of APCO courses in your program of study if you are interested in developing your programming and/or scripting skills in support of your interactive digital media project work.

Completing four APCO or Computer Science credits qualifies an IADM student for a Minor in Applied Computing.

Review the Interactive Arts and Digital Media & Computer Science entries in the Undergraduate Calendar (<https://calendar.brocku.ca/>), which provide the course descriptions the APCO courses.

Internships

In Year 3 and 4, you can elect to complete an 80-hour (unpaid) internship experience for course credit in a real-world interactive digital media production setting. Such an experience will help you gain on-the-job practical training working alongside industry professionals.

Below is the course description for the internship options:

IADM 3P95 - Internship in Interactive Media

Part-time internship in a business related to interactive media or the gaming industry.

IADM 4P95 – Senior Internship in Interactive Media

Part-time internship in a business related to interactive media or the gaming industry.

Courses at Other Universities

As part of your program of study, you can choose to complete up to five credits at other universities on letters of permission. Navigate to the following Web page for details:

<https://www.brocku.ca/registrar/student-information/letter-of-permission>

Brock University Design Studio (IADM 3F93)

Are you interested in collaborating with other Brock students on a real-world interactive media project that is sponsored by an outside client?

The Brock University Design Studio (BUDS) (brocku.ca/buds) provides Brock students with course-based opportunities to develop their knowledge and skills within a real-world, collaborative, project-based production studio context.

BUDS serves as the vehicle through which interdisciplinary teams of students - leveraging a diverse array of instructional design, digital tool, and subject content expertise - collaborate on interactive design projects that are sponsored by community partners.

This course also appears as IADM 3F93 - Project Collaborations Across Diverse Programs.

Cross-listed Courses

As an IADM student, you will complete many courses that are cross-listed with other academic units at Brock. Cross-listed courses allow you to specialize in highly focused areas of study and interact with students in other programs at Brock (e.g., Applied Computing, English, Geography, History, Popular Culture, and Visual Arts).

Review the Interactive Arts and Digital Media entry in the Undergraduate Calendar (<https://calendar.brocku.ca/>) to view the slate of cross-listed courses that are available to IADM students. (Cross-listed courses that are based in the Department of Digital Humanities are marked with a *. Cross-listed courses that are based in other academic units are marked with a #.) Be sure to pay close attention to the pre-requisites for the courses you are interested in completing.

On a case-by-case basis, in discussion with the Academic Advisor and as authorized by the Department of Digital Humanities Chair, you may be permitted to complete Brock courses which are not listed in the Interactive Arts and Digital Media entry.

Directed Studies and Directed Project Courses

Upper year IADM students who are interested in pursuing a focused area of study which is related to courses in the IADM program are welcome to contact a Department of Digital Humanities affiliated faculty member or the Chair with an idea for a Directed Studies course.

Similarly, one or more IADM students who are interested in working on a focused individual or collaborative project are invited to propose a Directed Project course. Below are the two course descriptions:

IADM 3P98 - Directed Studies

Program of study through research and readings designed in consultation with the faculty member directing the course.

IADM 3P99 - Directed Project

Interactive media project with directed readings designed in consultation with the faculty member directing the course.

To enroll in a Directed Studies or Directed Project course, you will first need to secure the support of a Brock faculty member who will supervise the course. You are strongly advised to contact a faculty member in the Winter or Spring term of the academic year prior to when you will complete the course.

Then you will need to jointly develop a two or three page proposal that the faculty member will forward to the Chair for approval. This proposal should include information about what the course will focus on, a list of readings and/or summary information about the course content, details about the project you will complete (if applicable), plus information about how you will be assessed, including the weighting of the assignments.

7. Academic Advising FAQ

Need Academic Advising help? Here's who to ask.

Contact Elizabeth Maddeaux (rmaddeaux@brocku.ca) with questions regarding:

1. Course registration
2. Course prerequisites
3. Degree progression
4. Degree requirements (average and credits required)
5. Changing their major
6. Declaring a minor or concentration
7. Performance / at risk (failing a course, needing additional support, mental health)
8. Dropping / withdrawing from a course
9. Registration dates and deadlines
10. General questions about Exchange, applying to grad school, academic probation or needing a Letter of Permission approved

Contact Central (central@brocku.ca) with questions regarding:

1. OSAP
2. Tuition
3. Issues logging into email or Brightspace
4. Getting an error message preventing them from registering
5. Student awards

Students planning to go on Exchange can direct most questions to exchanges@brocku.ca

Students wanting information about accommodations can email asksas@brocku.ca

International students should direct questions about visas and study permits to isa@brocku.ca

If a student has been placed on academic probation or suspension, they should email advisor@brocku.ca

Appendix A: Brock Policies

Academic Integrity Policy

Academic misconduct is a serious offence. The principle of academic integrity, particularly of doing one's own work, documenting properly (including use of quotation marks, appropriate paraphrasing and referencing/citation), collaborating appropriately, and avoiding misrepresentation, is a core principle in university study. Students should consult <https://brocku.ca/academic-integrity/> to view a fuller description of prohibited actions, and the procedures and penalties.

Academic Accommodation Policy

As part of Brock University's commitment to a respectful work and learning environment, the University will make every reasonable effort to accommodate all members of the university community with disabilities. If you require academic accommodations related to a documented disability to participate in this course, you are encouraged to contact Services for Students with Disabilities in the Student Development Centre (4th floor Schmon Tower, ex. 3240). You are also encouraged to discuss any accommodations with the instructor well in advance of due dates and scheduled assessments.

Medical Exemption Policy

The University requires that a student be medically examined in Health Services, or by an off-campus physician prior to an absence due to medical reasons from an exam, lab, test, quiz, seminar, assignment, etc. The Medical Certificate can be found at: <https://brocku.ca/health-wellness-accessibility/student-health-services/>

Additional Information

Additional academic policies can be found in the **Undergraduate Calendar** and **Faculty Handbook**.

You may also find additional information at:

<https://brocku.ca/policies>

Appendix B: Brock Links

Academic Integrity Policy

Below are links to a variety of Brock University services and units.

Academic Advising:

<https://brocku.ca/academic-advising/>

Academic Integrity:

<https://www.brocku.ca/academic-integrity>

Athletics:

<http://gobadgers.ca>

Black Student Success Centre:

<https://brocku.ca/bssc/>

Brock LINC:

<https://brocku.ca/linc/>

Brock University Students' Union (BUSU):

<http://www.brockbusu.ca/>

Campus Safety:

<https://brocku.ca/campus-safety/>

Campus Store:

<https://www.bkstr.com/brockstore/home>

Career Services:

<https://brocku.ca/ccee/career-education>

Centre for Pedagogical Innovation:

<https://brocku.ca/pedagogical-innovation/>

Dining Services:

<https://brocku.ca/dining-services/>

Experiential Education:

<https://brocku.ca/ccee/experiential-education/>

Faith and Life Centre:

<https://brocku.ca/faith-and-life-centre/>

Financial Services:

<https://brocku.ca/finance/>

Gibson Library:

<https://www.brocku.ca/library>

Hadiya'dagénhahs First Nations, Métis and Inuit Student Centre:

<https://brocku.ca/hadiyadagenhahs/>

International Student Services:

<https://brocku.ca/international/>

IT Services:

<https://brocku.ca/information-technology/>

Student Life and Success:

<https://brocku.ca/student-life-success/learning-services/>

Marilyn I. Walker School of Fine and Performing Arts:

<https://brocku.ca/miwsfpa/>

Off Campus Living:

<https://brocku.ca/off-campus-living/listing-service/>

Office of Human Rights and Equity Services:

<https://brocku.ca/human-rights/>

Parking Services:

<https://brocku.ca/parking-services/>

Personal Counseling:

<https://brocku.ca/health-wellness-accessibility/personal-counselling-services/>

Public Transit:

<https://www.nrtransit.ca/>

Recreation Services:

<https://brocku.ca/recreation/>

Registrar's Office:

<http://brocku.ca/registrar>

Registration Guides:

<https://brocku.ca/registrar/guides-and-timetable/returning-students>

Housing Services:

<https://brocku.ca/housing/>

Student Accessibility Services

<https://brocku.ca/health-wellness-accessibility/sas/>

Student Awards and Financial Aid:

<https://brocku.ca/safa/>

Student Success Centre:

<http://www.brocku.ca/student-success-centre>

Student Health Services:

<https://brocku.ca/health-services>

Student Life & Community Experience:

<https://brocku.ca/student-life-success/student-life/>

Student Services:

<https://brocku.ca/current-students/>

Undergraduate Calendar:

<https://calendar.brocku.ca/>

University Governance:

<https://brocku.ca/university-secretariat/>

Faculty of Humanities

Interactive Arts and Digital Media

E ddh@brocku.ca

W brocku.ca/humanities/digital-humanities/

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