



---

<b>SUBJECT</b>	Tuition   Master of Design (MDes), UBC Okanagan
<b>SUBMITTED TO</b>	Finance Committee
<b>MEETING DATE</b>	September 8, 2021
<b>SESSION CLASSIFICATION</b>	Recommended session criteria from Board Meetings Policy: OPEN
<b>REQUEST</b>	Action requested - Approval  IT IS HEREBY RESOLVED that the Finance Committee, in accordance with authority delegated by the Board of Governors, approves tuition for the Master of Design (MDes) program at UBC Okanagan, aligned with the approved standard graduate per credit amount for 2022-2023, which is \$7,000 per instalment for domestic students and \$11,250 international students, commencing September 2022, subject to increases as approved by the Board of Governors.
<b>LEAD EXECUTIVE</b>	Ananya Mukherjee Reed, Provost and Vice-President Academic, UBC Vancouver
<b>SUPPORTED BY</b>	Rob Einarson, Associate Vice-President Finance & Operations, UBC Vancouver

---

## EXECUTIVE SUMMARY

The Master of Design (M. Des.) is a professional program grounded in a human-centred, social-cultural orientation. The M. Des. curriculum and pedagogy explore critical design thinking, creative practice, and engineering principles within a culture of innovation, creativity and social and sustainable entrepreneurship. This degree is a unique, interdisciplinary state-of-the-art programme delivered jointly by the School of Engineering (SOE) and Faculty of Creative and Critical Studies (FCCS).

The program anticipates a cohort of 20 students in years 1 and 2, increasing to 25 students in years 3 through 5. The tuition fees are set to the standard graduate per credit amount approved for 2022-2023. The program start date is anticipated for September 2022.

The MDES program falls directly in line with UBC's Shaping the Next Century by tackling all three themes of Inclusion, Collaboration and Innovation. The MDES program will attract, engage and retain students and faculty both internationally and domestically. Collaborating from various areas of expertise, these professionals will learn how to leverage research and expand on opportunities made available to them to solve real work problems. This program exemplifies the ways in which distinct disciplines can draw on academic, industry and community knowledge bases to deliver innovative graduate-level professional education.

This degree requires satisfactory completion of 30 credits of course and studio work over 16 months. The program will be available to students who have an appropriate undergraduate degree or proven equivalency.

The uniqueness and strength of the proposed MDes. program is its ability to address the concern that students graduating with degrees in Engineering or the Arts may not have learning opportunities to (1) conceptualize their discipline knowledge within a design-thinking / human-centred design process and (2) work experientially with peers and domain experts to prototype ideas.

---

## APPENDICES

1. Program and Tuition and Fee Assessment Details
2. Student Tuition Consultation Report

# New Program Tuition Consultation

## Master of Design

### Program Overview

The Master of Design (M. Des.) is a professional program grounded in a human centred, social-cultural orientation. The M. Des. curriculum and pedagogy explore critical design thinking, creative practice, and engineering principles within a culture of innovation, creativity and social and sustainable entrepreneurship. This degree is a unique, interdisciplinary state-of-the-art programme delivered jointly by the School of Engineering (SOE) and Faculty of Creative and Critical Studies (FCCS).

The program will be available to students who have an appropriate undergraduate degree or proven equivalency. The program is jointly offered and administered by the FCCS and SOE.

Program Requirements

This degree requires satisfactory completion of 30 credits of course and studio work over 16 months. This includes:

- 15 credits of core courses (DICE 501, DICE 502, DICE 503, DICE 504)
- One six-credit course (DICE 505) of facilitated studio/makerspace work
- One three-credit elective course drawn from existing courses or directed studies, and
- One six-credit showcase course (DICE 507) which acts as the exit project including a mentor/peer/public presentation.

The uniqueness and strength of the proposed M.Des. program is its ability to address the concern that students graduating with degrees in Engineering or the Arts may not have learning opportunities to (1) conceptualize their discipline knowledge within a design-thinking / human-centred design process and (2) work experientially with peers and domain experts to prototype ideas.

### Key Features

The M.Des. professional program is experiential by design, and students will learn through workshops, seminars and lectures; hands-on experiences, studio time, and ongoing mentorship. Potential students would be drawn to the program in order to:

- Hone skills developed during undergraduate studies and/or in actual work experience;
  - Design and solve problems and contribute further within their areas of expertise;
  - Gain access to expertise, peers and resources that would allow them to incubate ideas;
- and

- Work toward an exit project that would be recognized by one of a variety of industries including the arts, social enterprises, technical environments, etc.

This program aims to attract working professionals seeking to upskill, expand their networks and develop advanced design projects in a supportive environment. The proposed program offers students unique opportunities to develop competencies in design, innovation, creativity, and entrepreneurship in a supportive studio environment that fosters both a local and global approach to real world challenges

### Tuition and Fees Rationale

5 Year Forecast (Cohort of 20 students Years 1-2 / Cohort of 25 students for Years 3-5)

Program Coordinator – \$270,816

Administrator Costs – \$129,000

Program Faculty – \$1,180,291.00

Studio Technician – \$154,800

Supplies and marketing – \$122,702.00

Facility – \$300,000.00 + 40,000 (space rental) for first 2 years

### Comparative Programs:

Program and website	Institution	Program length	Domestic Tuition	International Tuition
<a href="#">MDes (Master of Design)</a>	Carleton university	2 years	\$3,257.00 CAD / term	\$8,137.00 CAD/ term
<a href="#">System Design Engineering</a> (with <a href="#">Human Systems Engineering</a> courses)	University of Waterloo	16 months	\$2,762.00 tuition /term	\$13,234.00 /term
<a href="#">M. Eng. Design (Master of Engineering Design)</a>	Mc Master University		\$3,240.00 CAD/ term	\$11,550 CAD/term
<a href="#">MDes in Strategic Foresight and Innovation</a>	Ontario College of Art & Design	7.5 credits in 20-months or 28 months	\$1,205.54 CAD/.5 credit X 15 = \$18,083.1 CAD	\$2,866.5 CAD/.5 credit X 15 = \$38,497.5 CAD

<a href="#">Master of Engineering Innovation and Entrepreneurship (MEIE)</a>	Ryerson	16 months (FT) 3 years (PT)	\$1,896.38 CAD/unit	\$3,389.00 CAD/unit
<a href="#">M.Sc. in Engineering, Product Design</a>	Stanford	60-62 units	\$14,220 US / 11 – 18 units= \$56,880 US (approx.)	
<a href="#">IDE (Innovation Design Engineering)</a>	Imperial College London with Royal College of Art	2 years	Unavailable. Site reads “Please note: we will not assess your fee status until we have received a formal application from you.”	
<a href="#">Master of Management Innovation &amp; Entrepreneurship</a>	Queen’s University	12 months	\$33,498 CAD	\$49,596.60 CAD

### Proposed Tuition and Fees

The Master of Design will be assessed at the standard graduate per credit amount for domestic and international students. For 2022-2023, the approved standard per instalment rates are \$7,000.00 for domestic and \$11,250.00 for international students. Rates for this program are subject to general tuition increases as approved by the Board of Governors.

	Domestic	International
Tuition fees per instalment – Note 1	\$7,000.00	\$11,250.00
Minimum No. of Instalments	4	4
Continuing Fees per Instalment (assessed after 4 instalments)	\$776.01	2,984.09
Application Fees (Graduate) – Note 2	\$106.00	\$168.25
Supplemental Application Fees	N/A	N/A
Non-Refundable Acceptance Deposit – Note 3	\$500.00	\$1,000.00
Other Faculty and Course Fees – Note 4	N/A	N/A

Note 1 – Proposed tuition will be subject to annual increases as established by the university. Tuition and student fees are charged in four equal instalments.

Note 2 – This is the current fee for the 2022W application cycle and is subject to annual increases.

Note 3 – The non-refundable acceptance deposit will be applied towards the first tuition instalment.

Note 4 – These are the Faculty and Course Fees approved for the 2022/23 academic year and are subject to annual increases.



## STUDENT TUITION CONSULTATION REPORT

### Master of Design (M. Des.)

The Associate Vice-President, Students Office, in partnership with the FCCS faculty member, Rehan Sediq, conducted a student consultation regarding this program proposal.

#### **Student Representative Bodies Invited to the Consultation**

University of British Columbia Students' Union Okanagan, were invited by email, to consult and/or provide written comments by Jun 8, 2021.

#### **Mode of Consultation**

The consultation consisted of one face-to-face meetings, and through email, where student representatives were asked to distribute the invitation to their constituents as they felt appropriate. We met with the representative from the Students Union and Grad Council on May 26, 2021. At this meeting all of the required Program information was shared.

**Basis of Consultation:** The consultation was based on a tuition proposal and rationale document created by the Faculty.

**Summary of Student Feedback:** Submissions were requested from the representative student leadership of the University of British Columbia Students' Union Okanagan (SUO) and the Grad Student Council via email submission and by virtual meeting held on May 26, 2021.

Comments and questions regarding the program proposal focused on the need and applicability of this type of program within the region, nationally, and globally and the strength of the interdisciplinary model. Clarity was sought regarding the need for students to participate in the program continuously or if the program would be structured for working professionals. It was clarified that the program structure does necessitate full continuous engagement, and will attract students within Canada, and globally, but that full engagement with students, staff and faculty from diverse backgrounds as well as new skills being developed from the interdisciplinary approach will increase graduate employability and income (vs a Bachelor's degree). The representative student leadership responded positively to the program and tuition proposal, were supportive, and had no concerns.