University of Toronto
Major Modification Proposal – Type C: Combined Program

This template should be used to bring forward proposals for Combined programs for governance approval under the University of Toronto’s Quality Assurance Process. It is designed to ensure that all evaluation criteria established by the Quality Council are addressed in bringing forward a proposal for a new program.

Section 1

<table>
<thead>
<tr>
<th>Program Proposed:</th>
<th>Combined Major in Communication, Culture, Information and Technology, Specialist in Interactive Digital Media, and Specialist in Digital Enterprise Management (Bachelor of Arts) and Information (Master of Information) Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short form:</td>
<td>Combined CCIT-BA/MI Program</td>
</tr>
<tr>
<td>Department(s) / Graduate Unit(s) involved:</td>
<td>University of Toronto Mississauga: Institute of Communication, Culture and Information Technology (ICCIT), &amp; University of Toronto: Faculty of Information</td>
</tr>
<tr>
<td>Faculty(s) / Academic Division(s):</td>
<td>University of Toronto Mississauga (UTM) &amp; Faculty of Information (FI)</td>
</tr>
</tbody>
</table>
| Faculty / Academic Division Contact: | Melissa Berger  
Program and Planning Officer  
Office of the Dean  
University of Toronto Mississauga  
melissa.berger@utoronto.ca |
| Department / Unit Contact: | Professor Anthony Wensley, Director, ICCIT (UTM)  
Professor Seamus Ross, Dean, FI |
| Anticipated start date of new program: | September 1st 2014 |
| Version Date: | October 4th, 2013 |
Section 2 (Please remove the instructions as you complete the template in order to provide a final copy that is easier for your audience to read.)

1. Executive Summary
Please provide a brief overview of the proposed program summarizing many of the points found in more detail elsewhere in the proposal. This may need to be used on a stand-alone basis and should include:

- the Faculties/Units that are coming together to propose this program
- the academic rationale for the combined program
- the impetus for its development (including student interest and demand) and how it fits with the Unit/Division’s academic plans,
- any important or distinctive elements.

This is a proposal for a Combined Program between the Faculty of Information’s (FI) Master of Information (M.I.), and the Institute of Communication, Culture and Information Technology (ICCIT) undergraduate programs at the University of Toronto Mississauga (UTM). The two programs will be combined to enhance the undergraduate learning experience by offering students the opportunity to take graduate level courses while completing their undergraduate degree. There is also a strong intellectual synergy between FI and the ICCIT in that the undergraduate programs offered by the ICCIT such as the Interactive Digital Media (IDM)1 specialist, the Digital Enterprise Management (DEM) specialist, and the Communication, Culture, Information and Technology (CCIT) major will allow students a natural progression into the Master of Information (M.I.)2 program offered by FI.

In doing so, they are responding to student interest in graduate study in the field of information. Many current students and graduates of the UTM CCIT, IDM and DEM H.B.A. programs have expressed an interest in the expertise a graduate degree in Information can provide. This is especially true for those desiring to work in the creative and knowledge-intensive industries including education, health-care, software and the entertainment industry in all its guises.

The proposed Combined Program is an ideal combination given the strong preparation students in the CCIT, IDM and DEM programs receive for the Master of Information curriculum, with respect to skills and knowledge in the domains of design, the creation, implementation and interpretation of digital media, research methodologies, visualization and representation, and collaborative project management.

The Combined Program will allow students to complete an Honours Bachelor of Arts (H.B.A.) in any of the undergraduate programs identified above, and a Master of Information (M.I.). The appeal of this program is twofold: it allows students to apply early to the Master of Information program (in the third year of the B.A.), and it allows them to complete the Combined Program in less time (4 + three sessions over 2 years) than is normally the case for the Master of Information that follows upon a bachelor’s degree (4 years + four sessions over 2 years).

Preparation for the Master of Information program, with respect to skills and knowledge obtained in the CCIT, IDM and DEM programs has synergy with the skills and competences both required for and further developed in the MI concentrations: Critical Information Studies (CIS), Knowledge Management and Information Management (KMIM), Culture and Technology (CT), Information Systems and Design (ISD),

---

1 [https://registrar.utm.utoronto.ca/student/calendar/program_group.pl?Group_Id=39](https://registrar.utm.utoronto.ca/student/calendar/program_group.pl?Group_Id=39)

2 [http://www.ischool.utoronto.ca/degrees/mi](http://www.ischool.utoronto.ca/degrees/mi)
The Faculty of Information M.I. program is a professional Master’s program. The combination of this program with the Honours B.A. in Communication, Culture, Information and Technology, Interactive Digital Media, or Digital Enterprise Management is ideal for students looking to work in the creative and knowledge-intensive industries. It also provides a rich intellectual pathway for exceptional undergraduate students by providing access to graduate courses and a graduate milieu before the completion of an undergraduate degree. The B.A. Hons. CCIT, IDM and DEM programs share fundamental courses in design, the creation, implementation and interpretation of digital media, communications, collaborative project management and Web and Mobile technologies that serve as excellent preparation for the more technically oriented concentrations of the M.I. program identified above.

It is anticipated that providing the option of a combined program with the Faculty of Information’s Master of Information degree will enhance the attractiveness of the CCIT Major and IDM/DEM Specialist undergraduate programs yielding more and better applicants, both domestic and international. At present UTM enrolls 160 CCIT Major, 40 DEM Specialist and 25 IDM Specialist students annually. In the case of the IDM Specialist program UTM expects the number of students accepted to rise considerably both because it has only just been launched (this program only began admitting students in 2012) and because of the attractions of the Combined Program The Combined Program will provide an excellent stream of students with a well-defined background to the M.I. program. This will enhance the offerings at UTM by providing an academic pathway for very strong students.

The increase in the number of M.I. students is consistent with FI’s desire to expand the M.I. enrolments with excellent students in all of its concentrations. The Combined Program takes advantage of the considerable synergies that exist between the CCIT, DEM and IDM undergraduate programs and five of the current Master of Information concentrations (Critical Information Studies, Knowledge Management and Information Management, Culture and Technology, Information Systems and Design, and Knowledge Media and Design.) KMD is a new concentration and students will only be admitted into this concentration following the creation of courses.

At the time of their application to the Combined Program, full-time undergraduate students will have completed 10.0 undergraduate credits, will be in their 3rd year of study in one of the three ICCIT programs (CCIT, IDM or DEM) and will have an overall GPA of no less than 3.7 (A-) and plan to complete all of the 2nd year and 3rd year requirements of their respective undergraduate programs. Students who have met these criteria may apply to the Master of Information program and may receive a conditional offer of admission to the Master of Information program. These students will be eligible to take up to 4.0 half (HCEs) or 2.0 full (FCEs) graduate-level courses in their 4th year of study; they must have completed at least 12.5 credits toward their H.B.A. program before being permitted to enrol in the graduate courses in fourth year undergraduate studies. This will ensure that participants have the appropriate background for beginning graduate studies through the Master of Information (M.I.) program.

NOTE: Students completing graduate courses as undergraduate students are subject to the University of Toronto Grading Practices Policy. Section 4.1.1 specifies “Where an undergraduate student has completed a fully graduate course the student will be assessed according to the undergraduate grading

scale and the appropriate undergraduate grade will be reported on the undergraduate student transcript."

2. **Program Rationale**

- **Statement of purpose/overview of the program (include a reference to program length)**
- **Context**
  - Provide an academic rationale for combining the two degrees: what synergies exist between the two; how will this support student learning.
  - Describe the consistency of the program with the University’s mission and unit/divisional academic plans and priorities.
- **Expected benefits of the proposed program.**
- **Distinctiveness**
  - Is there a precedent for offering such a combination. Identify similar programs offered by other universities (with specific reference to Canadian and Ontario examples) and describe how they may be different or similar from the current program.

The University of Toronto Mississauga (UTM) has made a provincial commitment to undergraduate enrolment growth, and the FI is committed to graduate enrolment growth. Both are interested in improving the already high quality of their applicant pools. UTM and the FI are consequently proposing to combine excellent existing programs to the benefit of both units.

The offering of three undergraduate programs, a Major in Communication, Culture, Information and Technology (CCIT), a Specialist in Interactive Digital Media (IDM) or a Specialist in Digital Enterprise Management (DEM) at UTM, along with the graduate Master of Information (M.I.) program at FI will produce a well-educated and trained group of information professionals. The Combined program will be five and a half years in length (4+1.5). Synergies between these programs and the specific M.I. program concentrations are provided by the excellent preparation that students in the three undergraduate programs have in understanding the design, creation, implementation and interpretation of digital media and communications, as well as participating in project management, an innovative collaborative project management course, and Web and Mobile technologies.

It is anticipated that this Combined program will enhance the attractiveness of undergraduate study in communication, digital media and culture at UTM yielding more and better undergraduate applicants, both domestic and international. It will also provide an excellent stream of students with a well-defined educational background into the M.I. program.

At present UTM enrolls 160 CCIT Majors and 40 DEM Specialists per year and plans to admit 100 IDM Specialist students at steady state (presently UTM has a small initial cohort of 18 students in the first year of offering this program). UTM’s plan is to increase enrollment in the CCIT Major to about 200-220 students per year, the DEM program to 50-60 students per year, and to 80-100 students per year for the IDM program. Initially, UTM would expect no more than 5 students will be enrolled in the Combined program though this is expected to rise to a steady state of 10 students per year over a five year time frame. Thus, the combined program will provide an excellent stream of students with an appropriate and well-articulated background to the M.I. program. This will both enhance UTM’s ICCIT programs generally and will also provide a viable and innovative academic pathway for very strong students. It is also appropriate to note that as both ICCIT programs expand, opportunities will arise for further innovative curriculum development addressing both the undergraduate and graduate programs.

The new combined program is consistent with FI’s desire to increase M.I. eligible full-time equivalents by 10 students in each year of the M.I. program at steady state.
3. **Need and Demand**

- Provide a brief description of the projected interest in and demand for the program.
- Outline the expected benefits of the program for students.

The UTM Institute of Communication Culture and Information Technology (ICCIT) has discussed this proposal with the current undergraduate students in the Communication, Culture, Information and Technology (CCIT) Major, the Interactive Digital Media (IDM) and Digital Enterprise Management (DEM) Specialist programs and keen interest was expressed. It is anticipated that a steady stream of 25 students per year will eventually avail themselves of this opportunity (with an initial number of 8-10). Linking UTM’s ICCIT undergraduate programs to the FI’s Master of Information program will increase enrolment in both these programs. UTM and FI have the capacity to add more high quality students to the fold.

Given that the Combined program allows students to combine studies leading to a high quality undergraduate program that is presently significantly demanded by employers with a graduate program that is also in high demand both UTM and the Faculty of Information expect students to experience considerable demands for their skills and competencies.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3rd year admission</td>
<td>3</td>
<td>5</td>
<td>5</td>
<td>7</td>
<td>7</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>4th year registrants</td>
<td>3</td>
<td>5</td>
<td>5</td>
<td>7</td>
<td>7</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Total:</td>
<td>3</td>
<td>8</td>
<td>10</td>
<td>12</td>
<td>14</td>
<td>17</td>
<td>20</td>
</tr>
</tbody>
</table>

**Table 1: Enrolment Projections**

Note: The UTM ‘enrollment’ in terms of the number of students in the program at the undergraduate level – as already indicated they will apply to the program in their 3rd year and are eligible on the basis of conditional admission to complete a limited number of graduate courses in their 4th year.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1st year</td>
<td>3</td>
<td>5</td>
<td>5</td>
<td>7</td>
<td>7</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>2nd year</td>
<td>3</td>
<td>5</td>
<td>5</td>
<td>7</td>
<td>7</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Total:</td>
<td>3</td>
<td>8</td>
<td>10</td>
<td>12</td>
<td>14</td>
<td>17</td>
<td>20</td>
</tr>
</tbody>
</table>

Note: The FI ‘enrollment’ in terms of the number of students in the program at the graduate level – as already indicated although they will complete the program is less than 2 years the numbers of students ‘enrolled’ in years 1 and 2 of the graduate program are identified below.

4. **Program Description**
• **Describe the requirements of the program with particular attention to explaining how the combined program will satisfy the requirements of the two original programs. (Proponents may want to compare in tabular form the requirements of the two original programs and the requirements of the combined program and explain what equivalencies will be given to ensure that all requirements of both programs are fulfilled.)**

• **Clarify the time to completion and describe specifically which program students will be registered in when.**

The current requirements of both programs will be met by the students in the Combined program.

Students who receive offers of conditional admission to SGS and to the Combined program will complete 1.0 graduate FCE course offered by the Faculty of Information which will count as electives towards the relevant Specialist or Major undergraduate program. The remaining 1.0 FCE will count towards their general BA degree requirements, to total 2.0 graduate FCEs to be taken during the completion of the B.A. The normal time for completion of the Combined Program will be five and a half years (4 + three sessions over 2 years).

The Faculty of Information has recently articulated a set of concentrations for its Master of Information program. Four of the more technically-oriented concentrations have very significant intellectual synergies with the ICCIT program.

Having been conditionally accepted into the Master of Information program all students will be required to take INF1005H and INF1006H (these are each ¼ FCE courses) in their 4th year.

Subsequently, depending on the concentration they have applied for, they will be required to take the following Faculty of Information graduate courses:

**Critical Information Studies (CIS)**

1. **INF1001H** Knowledge and Information in Society  
2. **INF2181H** Information Policy, Regulation, and Law  
3. **INF2198H** Critical Histories of Information Technologies

**Knowledge Management and Information Management (KMIM)**

4. **INF1003H** Information Systems, Services and Design  
5. **INF1230H** Management of Information Organizations  
6. **INF1341H** System Analysis and Process Innovation  
   
   *Note: Students electing to take this concentration will be required to have completed CCT225H5 Information Systems.*

**Information Systems and Design (ISD)**

7. **INF1340H** Introduction to Information Systems  
8. **INF1341H** Systems Analysis and Process Innovation  
9. **INF2040H** Project Management
   
   *Note: Students electing to take this concentration will be required to take CCT428H5 Project Management.*

**Culture and Technology (CT)**

1. **INF1501H** Culture & Technology I  
2. **INF1502H** Culture & Technology II
3. **INF1240H Research Methods**

**Knowledge Media Design (KMD) – New Concentration**
- **KMD1001H** Knowledge Media Design: Fundamental Concepts
- **KMD1002H** Knowledge Media Design: Contexts and Practices
- **KMD2001H** Human-Centred Design

5. **Admission Requirements**
   - Detailed admission requirements for the program. (when will students apply to and be admitted to each of the component programs)

The admission requirements for the Communication, Culture, Information and Technology (CCIT) Major, the Interactive Digital Media (IDM) or the Digital Enterprise Management (DEM) Specialist programs remain the same and are available in Appendix A.

Students will apply to the combined program during the Fall term of the third year of the B.A. program. The minimum admission requirement for the MI program is mid-B overall. For Combined Program students applying to the MI, the minimum admission requirement will be at least an A- average (3.7 CGPA) in the third and fourth years of study in addition to the mid-B overall average. During the fourth year of the undergraduate program (until the undergraduate degree is complete) students will be required to take 2.0 FTEs from the Faculty of Information, 1.0 FTE will be required to complete their requirements for their Major or Specialist program and the remaining 1.0 FTE will be required to satisfy their overall B.A. Requirements. It is expected that Combined Program students will be registered full-time.

6. **Program Requirements**
   - Calendar copy
     - Provide a copy of the program description and program requirements as they will appear in the Calendar.

**Program Description**
The Combined program is designed for students who want to combine an undergraduate program with a Specialist in Digital Enterprise Management (DEM), a Specialist in Interactive Digital Media (IDM), or a major in Communication, Culture Information and Technology with a Master of Information at the University of Toronto. The Combined program will allow students to complete their studies in five and a half years rather than the normal six years.

Students interested in pursuing this program will be able to select from any of four concentrations within the Master of Information program (not Archives and Records Management and Library and Information Systems) and will be required to select an area of concentration when they apply for the combined program and apply to the MI program at the end of their 3rd undergraduate year.

**Minimum Admission Requirements**
Students will have to meet the minimum requirements for the respective Major or Specialist programs and achieve an A- (3.7 CGPA) in the final two years of the undergraduate program, and have an undergraduate average of at least mid-B.
Program Requirements (Identify where students are registered in each year including full-time and part-time registration.)

Year 1 – CCIT BA program (CCT109H5 and CCT110H5)
Year 2 – CCIT BA program (program 2nd year requirements)
Year 3 – CCIT BA program; student applies to the MI program and may receive a conditional offer commencing in year 5. (program 3rd year requirements).
Year 4 – CCIT BA program; and INF1005H and INF1006H (together .5 FCE) + additional 1.5 FCE required courses in MI program, according to concentration (The condition on admission to the MI is cleared when the BA degree is conferred.)
Year 5 - FI (Fall/Winter registration)
Year 6 - FI (Fall registration only)

Within this combined program, students must complete all the requirements of the CCIT, DEM or IDM undergraduate programs. 1.0 FCE of graduate courses will count as electives in the relevant undergraduate programs while the other 1.0 FTE of graduate courses will count towards the breadth requirement of their undergraduate H.B.A.

7. Consultation

- Describe the impact on the Departments’ and Divisions’ program of study.
- Outline the discussions that have taken place between the partners which underpin this proposal. Attach as an Appendix an MOU outlining the basis on which the program will be offered including registration, BIU’s, tuition, and any resource requirements with implications for the units/Faculties.
- Describe the consultation that has occurred with the Deans of any Faculties who will be affected.

The Memorandum of Understanding can be found in Appendix B.

The proposal has been developed in consultation with the Office of the Dean, UTM; the Faculty of Information, and faculty and staff representing the Institute involved. In addition students in the relevant ICCIT programs have been consulted along with a number of alumni of the relevant ICCIT programs.

8. Resources:

- Describe the resource implications of the creation of the Combined program in the following areas:
  - Faculty
  - Space
  - Learning resources
  - Financial Support for Students
  - Infrastructure

Students in the Combined Program, when enrolled in the twenty credits 20 FCEs (required for a bachelor’s degree and including the graduate courses being taken for undergraduate credit) of the combined program, would pay UTM tuition and UTM would receive the revenues associated with their tuition and BIUs prior to the completion of their program and degree requirements for the bachelor’s degree from UTM. When students in the Combined Program commence the MI program, the Faculty of Information would receive the tuition and BIUs associated with registration in the graduate program.
The length of study in the Master’s program for Combined Program students would be three sessions.

There are no additional space or faculty requirements to offer the Combined Program. Admissions will be handled by ICCIT and the Faculty of Information. ICCIT Faculty at UTM will work together with faculty in the Faculty of Information to recruit students into the combined program, and to let prospective UTM students know about the Combined Program. UTM and the Faculty of Information will work together to schedule courses so as to allow students in the combined program to access the four graduate half courses to be completed during the undergraduate program and as part of the B.A. degree requirements at UTM. Provided that the number of students in the combined program is less than 25, no additional administrative support should be required to support academic advising with respect to the Combined Program. Since the projected number of students at steady state is 50 there will need to be limited additional administrative and marketing support provided for the Combined program which will be provided by the Faculty of Information.

9. Governance Process:

<table>
<thead>
<tr>
<th>Levels of Approval Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consultation with the Provost’s Office</td>
</tr>
<tr>
<td>Decanal Sign Off</td>
</tr>
<tr>
<td>Approval by units</td>
</tr>
<tr>
<td>Faculty/Divisional Councils</td>
</tr>
<tr>
<td>Submission to Provost’s Office</td>
</tr>
<tr>
<td>Report to AP&amp;P</td>
</tr>
<tr>
<td>Report to Ontario Quality Council</td>
</tr>
</tbody>
</table>

Developed by the Office of the Vice-Provost, Academic Programs: July 16, 2012
Appendix A

Bachelor of Arts Major Program ERMAJ1034
CCIT (Arts)

Within an Honours bachelor’s degree, 8.0 credits are required including at least 4.0 at the 300/400 level as part of the 20 FCEs required for the B.A. overall. Program must be taken in combination with another major or two minors.

Limited Enrolment -- Admission is based on academic performance (CGPA) in a minimum of 4.0 credits that must include CCT109H5, 110H5. Enrolment in this program is determined annually and is limited to students who have a CGPA of at least 2.0.

Tuition fees for students enrolling in any CCIT Specialist/Major programs will be higher than for other Arts and Science programs.

First Year

CCT109H5, 110H5 (1.0 credit required)
(3.0 credits required)

Second Year

1. CCT206H5, 208H5, 210H5 and one other 200 level CCT/VCC course taught at UTM.
2. 1.0 credit from CCT200H5, 204H5, 205H5, 260H5 (Courses taught at Sheridan).

(4.0 credits)
Minimum of 4 half credit CCT courses taught at Sheridan and 4 half credit courses taught at U of T Mississauga from any 300/400 level CCT/HSC/MDG/VCC course. One of these half credits must be at the 400 level.

Third and Higher Years

Note: Students enrolled in the CCIT Major may not enrol in CCT designated courses that are specific to the Digital Enterprise Management Specialist program.

Note: 300/400-level CCT/MDG courses are restricted to students in CCIT programs only.

Students without pre- and co-requisites or written permission of the CCIT Director can be de-registered from courses at any time.
Interactive Digital Media (Arts)

Within an honour's degree, 10.5 credits are required.

Interactive Digital Media (IDM) is an interdisciplinary undergraduate program that is run jointly with the Faculty of Information (commonly known as the iSchool) at the University of Toronto. It provides students with a foundation in the generation, diffusion and critical analysis of the social impact of new and emerging technologies. In addition to learning how to analyze and use a variety of media tools, students will focus on digital media and its information communication infrastructures. Students will learn to design and create digital artefacts and create virtual environments suitable for collaboration, communication, learning and exploration. In the fourth year, students will be required to participate in an experiential learning based project relevant to their core interests.

In addition to the CORE courses, students will be required to take two modules, each module consists of 5 half courses. The modules are designed as integrated sets of courses providing students with the knowledge and skills relevant to specific areas of specialization.

The Knowledge Media Design module is designed to provide students with comprehensive knowledge and skills that are relevant for careers that involve the active and thoughtful design of content for knowledge media. These careers will span a range from traditional journalism through electronic publishing to the creation and management of knowledge media in traditional and digital organizations.

The Immersive Digital Media module is designed to provide students with the skills and knowledge for careers involving presentation, analysis, and immersive communication, utilizing data and information obtained from a wide variety of different media sources in a wide variety of formats. These careers span traditional business, web-based business, health care, education, and creative domains including gaming and simulation. Students will also be able to translate their skills and knowledge into performance environments.

Limited Enrolment -- Students may apply to enrol after having completed this program’s requirements in the first year with a grade of 65% in both CCT109H5 and CCT110H5. Students must have a minimum Cumulative Grade Point Average (CGPA) in a minimum of 4.0 credits in order to be accepted into the Specialist Program. The minimum CGPA is determined annually. It is never lower than 2.5.

Tuition fees for students enrolling in any CCIT Specialist/Major programs will be higher than for other Arts and Science programs.

First Year

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCT109H5</td>
</tr>
<tr>
<td>CCT110H5</td>
</tr>
</tbody>
</table>

Second Year

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCT206H5</td>
</tr>
<tr>
<td>CCT207H5</td>
</tr>
<tr>
<td>CCT213H5</td>
</tr>
<tr>
<td>CCT218H5</td>
</tr>
<tr>
<td>CCT219H5</td>
</tr>
<tr>
<td>CCT275H5</td>
</tr>
<tr>
<td>CCT301H5</td>
</tr>
<tr>
<td>CCT341H5</td>
</tr>
<tr>
<td>CCT413H5</td>
</tr>
</tbody>
</table>

Third and Fourth Year

+ 2 modules comprising:

Knowledge Media Design: CCT372H5, CCT374H5, CCT376H5, CCT414H5, CCT471H5

Immersive Digital Media: CCT385H5, CCT381H5, CCT382H5, CCT480H5.
CCT481H5/CCT482H5

Students without pre- and co-requisites can be de-registered from courses at any time.
Specialist Program ERSPE2172
Digital Enterprise Management

Prepare for management roles in the digital age by developing a working knowledge of emerging technologies. Digital Enterprise Management (DEM) is a Specialist Program offered through Communications, Culture, Information & Technology. Studies in DEM focus on the technologies comprising the Internet and the Web, which are transforming existing companies and providing fertile ground for the creation of new digital enterprises. Experts agree that such enterprises must be managed in fundamentally different ways from their industrial age precursors. This program explores this new managerial environment. Students will gain an understanding of the technologies that underlie digital businesses and the managerial challenges and techniques appropriate for being active and valuable participants in digital enterprises.

Within an Honours degree, 14.5 credits are required, including at least 1.0 credit at the 400 level.

**Limited Enrolment**—Enrolment in this program is highly competitive and will be limited as follows (meeting the minimum requirements does not guarantee admission):

1. Minimum 4.0 credits to include the following: CCT109H5, 110H5, MGM101H5, 102H5
2. Minimum Cumulative Grade Point Average (CGPA) determined annually and is limited to students who have a CGPA of at least 2.4
3. Minimum 63% in both MGM101H5 and MGM102H5
4. Minimum 65% average between CCT109H5 and CCT110H5, with at least 60% in each course.

Tuition fees for students enrolling in any CCIT Specialist/Major programs will be higher than for other Arts and Science programs.

<table>
<thead>
<tr>
<th>First Year</th>
<th>CCT109H5, 110H5; MGM101H5, 102H5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Second Year</td>
<td>CCT206H5, 208H5, 224H5, 225H5, 226H5</td>
</tr>
<tr>
<td>Second and Higher Years</td>
<td>CCT260H5, 360H5, 404H5, 460H5</td>
</tr>
</tbody>
</table>
| Third and Higher Years | 1. CCT319H5, 321H5, 322H5, 324H5, 355H5, 356H5
2. CCT401H5, 424H5; MGD421H5, 426H5, 428H5 and 0.5 credit from CCT410H5, MGD415H5, 422H5, 423H5, 427H5, 429H5.
3. 2.0 credits from any 300/400 CCT level courses. |

Notes:

1. Students cannot combine the Digital Enterprise Management Program with either the Management Major Program or the Commerce Major program.
2. It is intended that students take CCT224H5, CCT324H5 and CCT424H5 in strict sequence.
3. It is intended that students take CCT260H5, CCT360H5 and CCT460H5 in strict sequence.
4. Students without pre- and co-requisites or written permission of the CCIT director can be de-registered from courses at any time.
Master of Information

In this innovative program information is explored in all its breath, depth and richness. Become the next generation of valued professionals who are able to lead the progression of information design, organization, storage, access and retrieval, dissemination, preservation, conservation, policy and management.

Foundational beliefs
- Information penetrates all aspects of our digitally-mediated society
- Information professionals need to understand the political, technological, and epistemological consequences of rapidly changing information practices
- Education of information professionals must therefore address issues of leadership and critical thinking, and engage in studies of fundamental concepts, theories, and practices
- Thorough explorations of technology and resources for information institutions, services, and professionals are essential

Key program characteristics
- Broad-based and inclusive, with information-focused fields from different disciplinary and professional viewpoints
- Flexible curriculum, customizable to each individual student's interests and needs
- You may choose a particular focus, or take a broad range of courses (including non-iSchool courses) or participate in a collaborative program with other U of T graduate departments
- You may choose a thesis option
- The program may be taken on a part-time basis

Computer Competencies
View the expectations with using information technologies.

CONCENTRATIONS
These prescribed options highlight core research strengths and allow you to explore aspects of information within particular professions or research traditions.
- Archives & Records Management
- Critical Information Studies
- Culture & Technology
- Information Systems & Design
- Knowledge Management & Information Management
- Knowledge Media Design
- Library & Information Science
Appendix B – Memorandum of Understanding

See Attached.

Comment [MB1]: As this requires the signatures from both Deans, we can include the MOU after this page.