

**Meeting Date:** Friday, October 4, 2019

**Location:** CT 215 Theatre \*New Location\*

**Time:** 9:00 a.m.

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## AGENDA

1. **Approval of the Agenda**
2. **Approval of the Minutes for September 6, 2019 meeting** – *circulated with the agenda*
3. **Business Arising from the Minutes**
  - 3.1 Motion Rescission, pages 2-3
4. **Reports from Faculties and other Academic Units**
  - 4.1 Faculty of Arts, [Appendix I](#), pages 4-10
  - 4.2 Faculty of Engineering and Applied Arts, [Appendix II](#), pages 11-13
  - 4.3 Faculty of Media, Art, and Performance, [Appendix III](#), pages 13-19
  - 4.4 Faculty of Science, [Appendix IV](#), pages, pages 20-31
5. **Adjournment**

### 3.1 Motion Rescission

**Motion:**

To rescind the motion 4.4.1 “to revise the Minor in Catholic Studies” that was approved at the meeting of September 6, 2019, as outlined below:

Credit hours	Catholic Studies minor Required Courses
3.0	CATH 200
<u>3.0</u>	<u>CATH – any level</u>
3.0	RLST 100
3.0	Approved PHIL elective
3.0	Two Three CATH courses or approved electives, only one of which may be a RLST course and only two of which may be CLAS courses
3.0	
<del>3.0</del>	
<del>3.0</del>	An additional two approved electives, excluding RLST or CLAS courses
<b>21.0</b>	<b>Subtotal – 65.00% GPA required</b>

Approved electives for Catholic Studies minor:

- ARTH 202, 212, selected courses from ARTH 290AA-ZZ as approved by Director of Catholic Studies
- CATH 290AA-ZZ, 390AA-ZZ
- CLAS 150, 151, 160, 161, selected courses from CLAS 290AA-ZZ as approved by Director of Catholic Studies
- ENGL 325AA-ZZ-327AA-ZZ
- ~~MAP 300AC, 300AF~~
- HIST 265, 266, 270, 290AB, 368, 370
- HUM 201AB, 201AC
- ~~PAST 340~~
- PHIL 100, 212, 242, 244, 310AH/410AH, 310AN/410AN
- RLST 219, 227, 248, 258, 273, 290AD, 334
- THST 300AB
- Students should check printed or web listings and/or consult with the Director of Catholic Studies (located at Campion College) director to determine if other selected topics courses are approved electives.

**Rationale:** The previous version of the minor required only one CATH course (CATH 200) with a myriad of approved electives from other subject areas, creating an inter-disciplinary minor. Since Campion College now has the faculty capacity to consistently offer more CATH courses beyond CATH 200, students should be required to study within the academic field of Catholic Studies in more depth in order to earn the minor in Catholic Studies. With this in mind, it is suggested the minor now require students to take at least one additional CATH course with an emphasis placed on the option to choose further

CATH courses as approved electives.

In the 2018-2019 UG Calendar, the logic of the wording regarding approved electives in the Catholic Studies minor is unclear. The current wording does

not allow a student to take one approved RLST elective *and* two CLAS approved electives. This was not the intention of the Director of Catholic Studies when changes to the requirements were changed in 2018- 2019.

The changes to the approved electives list reflect updates for inactive courses and recognizes that not all selected topics courses in ARTH or CLAS relate to Catholic Studies.

## 4.0 Reports from Faculties and other Academic Units

### 4.1 Faculty of Arts

#### Items for Approval

The Faculty of Arts submits the following motions for approval to CCUAS:

<p><b>Motion 1: Revision to Bachelor of Arts Honours in History</b></p>
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<p>To revise the Bachelor of Arts Honours in History program requirements, <b>effective 202020</b>.</p>
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**Proposed program:** Program requirements for the coursework option will be, in most respects, the same as those in the current program. In addition to requirements for numbers (and areas) of courses at the 100-level, 200-level, 300-level, and 400-level, these include:

57 credit hours in History with a major GPA of 75.00%  
 30 credit hour Arts Core Requirements  
 33 credit hours Open Electives  
 120 total credit hours: 70.00% PGPA & 60.00% UGPA required

The only difference will be with respect to the 12 credit hours required at the 400-level in History. The coursework option will require:

Four 400-level HIST courses, with an overall average in these four courses of 75% (i.e. not necessarily in each course).

**Rationale:** The Department recognizes that some students have not found the current program – with its focus on an Honours paper prepared over two terms – to be suitable. They are, however, interested in taking additional courses in History, and enjoy the seminar format that is used in all 400-level courses offered by the Department. The coursework Honours option will be appealing to these students.

Three other facts might be noted. First, the Department offers two 400-level courses each term, so it will not be necessary to offer additional 400-level courses in order to support this program option. Second, the requirements with respect to courses completed, number of senior seminar courses completed, and grades received ensure that students will have earned the Honours designation. And third, the current program – with the major paper prepared over two terms – will continue, and will remain the recommended option for students who are interested in graduate work.

#### **BA Honours in History**

Students interested in an honours degree are strongly urged to consult the head of the Department of History.

A student must obtain a grade of at least 75.00% in HIST 498 and HIST 499 to be awarded the Bachelor of Arts Honours degree in History.

Credit hours	BA Honours (Thesis/Project option) in History Required Courses
<b>BA Honours in Requirements</b>	
3.0	One 100-level HIST course
3.0	One 100- or 200-level* HIST course
3.0	Six 200-level HIST courses*
3.0	
3.0	
3.0	
3.0	
3.0	
3.0	Seven 300- or 400-level HIST* courses (can include PSCI 331)
3.0	
3.0	
3.0	
3.0	
3.0	
3.0	
3.0	One 400-level HIST course
3.0	HIST 400 or 415 (or other 400-level HIST course approved by the <del>Honours advisor</del> head of the Department of History)
3.0	HIST 498 (with a grade of at least 75.00%)
3.0	HIST 499 (with a grade of at least 75.00%)
<b>*Students must complete at least one 200- or 300-level course from each of Groups I – IV, and a second 200- or 300-level course from at least two of the groups.</b>	
<b>57.0</b>	<b>Subtotal: 75.00% major GPA required</b>
<b>Arts Core Requirements</b>	
<b>30.0</b>	<b>Same as stated above for the BA in History</b>
<b>Open Electives</b>	
<b>33.0</b>	11 elective courses
<b>120.0</b>	<b>Total: 70.00% PGPA and 60.00% UGPA required</b>

Credit hours	BA Honours (Coursework option) in History Required Courses
<b>BA Honours in Requirements</b>	
3.0	One 100-level HIST course
3.0	One 100- or 200-level* HIST course
3.0	Six 200-level HIST courses*
3.0	
3.0	
3.0	
3.0	
3.0	
3.0	Seven 300- or 400-level HIST* courses (can include PSCI 331)
3.0	
3.0	
3.0	
3.0	
3.0	
3.0	
3.0	One 400-level HIST course**
3.0	<del>HIST 400 or 415 (or other 400-level HIST course approved by the Honours advisor)</del> One 400-level HIST course**

3.0	HIST 498 (with a grade of at least 75.00%) One 400-level HIST course**
3.0	HIST 499 (with a grade of at least 75.00%) One 400-level HIST course**
*Students must complete at least one 200- or 300-level course from each of Groups I – IV, and a second 200- or 300-level course from at least two of the groups. **Must maintain a minimum of 75.00% average in 400-level History courses.	
<b>57.0</b>	<b>Subtotal: 75.00% major GPA required</b>
<b>Arts Core Requirements</b>	
<b>30.0</b>	<b>Same as stated above for the BA in History</b>
<b>Open Electives</b>	
<b>33.0</b>	11 elective courses
<b>120.0</b>	<b>Total: 70.00% PGPA and 60.00% UGPA required</b>

(End of Motion 1)

### Motion 2: Arts Cooperative Education Program

To revise the Faculty of Arts Cooperative Education Admission requirements, **effective 202020**.

During the placement cycle, the Co-op Office uses a computerized Match process to place students with employers. The process lets employers select candidates for interviews from all students eligible for Co-op employment. After the Match process, a Direct Offer system is used. Employers submit job descriptions, which are posted continually. Interested students apply, and the Co-op Office sends resumes to employers and sets up the interview.

Area of Study	PGPA	Minimum credit hours*	Maximum credit hours	Number of work terms	Required courses
Actuarial Science	75%	72	108	1 (12 or 16 months)	ACSC 317, 318 + plan to complete first exam of the SOA before or during internship
Arts	67.5-70%	45	84	3 (optional 4 <sup>th</sup> )	ENGL 100, either one of ENGL 110, PHIL 100, SOST 110, or RLST 245, or RLST 248, 440 and at least 2 courses in the major
Biology	70%	33	60	4	BIOL 100, 101, CHEM 104, one of CHEM 105 or 140 + at least two 200-level BIOL Courses
Business Administration	67.5%	54	81	3 (optional 4 <sup>th</sup> )	BUS 007, 260, 285, and ENGL 100
Chemistry/Biochemistry	72.5%	21	60	3 (optional 4 <sup>th</sup> )	Completed 21 BSc credit hours including CHEM 104 and one additional course in Chemistry or BIOCHEM; enrolled in 3 CHEM/BIOC courses beyond CHEM 104 prior to commencement of the first work term
Computer Science	65%	30	75	3 (optional 4 <sup>th</sup> or 5 <sup>th</sup> )	CS 115 or CS 110 (Note: Students should have more than 1 CS class completed) + MATH 110
Engineering and Applied Science	60% (and TGPA)	27	63	4	Students are expected to have successfully completed all courses in the first 3 terms of a Systems Engineering program. ENGG 123 and ENGG 100
Geology	70%	33	65	3 (optional 4 <sup>th</sup> )	GEOL 201, 210, 102
Mathematics	65%	45	75	3 (optional 4 <sup>th</sup> )	MATH 110, 111, 122, 213, 217, CS 110 + STAT 160
Physics	70%	30	60	4 (optional 5 <sup>th</sup> )	5 PHYS courses (including 3 at 200-level) + 3 MATH courses (including 1 at 200 level) + 2 CS courses (including

					UNIX and C Programming)
Statistics	65%	45	75	3 (optional 4 <sup>th</sup> )	MATH 110, 111, 122, STAT 160 and 251 or 252 + CS 110
French and Francophone Intercultural Studies	70%	30	60	3 (optional 4 <sup>th</sup> )	FRN 201 and at least 2 courses in major
* Minimum credit hours include those in which the student is registered when applying. Maximum credit hours include those in which the student is registered in the term preceding the first work term.					
Admission is granted by the student's faculty. Students who do not meet the entrance requirements may appeal to their faculty. All information provided in faculty sections supersedes this section.					

### Rationale from Cooperative Education Office:

In practice, we have been using the 67.5% average for over five years. It was changed and implemented some time ago and all the information on the co-op website, all co-op handouts and information packages say 67.5%. Perhaps the change was made to make it the same as the Faculty of Business average, since the jobs are similar and both Business and Arts students would be competing for the same positions, so should have the same average. If we were to keep it at the 70% average, it could affect the number of students applying for the program, as the 67.5% seems much more accessible for most students looking to enter the program. We need all the students that we can get in the program, so keeping it slightly lower is more appealing and perceived as more achievable, with very little difference in skill and knowledge between those coming in under 67.5% or 70%.

(End of Motion 2)

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### Items for Information

#### New Courses

- a. Department of Economics

#### **ECON 274 (202020)**

#### **Ecological Economics**

A study of the economy as a system embedded within earth systems. The course explores questions like: What are the key energy and material flows in the economy? Can economic activity be decoupled from environmental impact? How should we define and achieve sustainability?

\*\*\* Prerequisite: ECON 100 or 15 Credit Hours \*\*\*

\*Note: Formerly numbered ECON 296AH. Students may not receive credit for both ECON 274 and ECON 296AH\*

Is this replacing another course: ECON 296AH

Equivalent Course(s): ECON 296AH

Mutually Exclusive Course (s): n/a

Restriction(s): n/a

Course Attribute(s): n/a

Grade Mode(s): N

Schedule Type(s): A, X

Credit Hours: 3

Lecture Hours: 3

Lab Hours: n/a

Other Contact Hours: n/a

**ECON 275 (202020)****Energy Economics**

A study of basic economic concepts underlying energy production and consumption. Topics include: the structure of the energy sector including ownership structures and regulation; conventional and emerging energy resources; environmental impacts, economic development, and geopolitics surrounding energy production and consumption.

**\*\*Prerequisite:** ECON 100 or 15 credit hours\*\*

**\*Note:** Formerly numbered ECON 296AL. Students may not receive credit for both ECON 275 and ECON 296AL\*

Is this replacing another course: ECON 296AL

Equivalent Course(s): ECON 296AL

Mutually Exclusive Course (s): n/a

Restriction(s): n/a

Course Attribute(s): n/a

Grade Mode(s): N

Schedule Type(s): A, X

Credit Hours: 3

Lecture Hours: 3

Lab Hours: n/a

Other Contact Hours: n/a

**ECON 373 (202020)****Climate Change Policy**

This course will explore questions such as, What policy options are available to address climate change? What climate change policies have been introduced in Canada and around the world? How do we evaluate whether climate change policy has succeeded?

**\*\*\*Prerequisite:** ECON 201 or ECON 273\*\*\*

**\*Note:** Formerly numbered ECON 396AW and was cross listed with GEOG 396AM. Students may not receive credit for both ECON 373 and ECON 396AW/GEOG 396AM\*

Is this replacing another course: ECON 396AW

Equivalent Course(s): ECON 396AW and GEOG 396AM

Mutually Exclusive Course (s): n/a

Restriction(s): n/a

Course Attribute(s): n/a

Grade Mode(s): N

Schedule Type(s): A, X

Credit Hours: 3

Lecture Hours: 3

Lab Hours: n/a

Other Contact Hours: n/a

b. Department of History

**HIST 252 (202020)****Late Imperial Chinese Society**

Focuses on the Ming dynasty (1368-1644) and the Qing dynasty (1644-1912), when the traditional political, social, and economic institutions of China reached their fullest development.

**\*\*\*Prerequisite:** One of 100-level HIST or completion of 15 credit hours\*\*\*

Is this replacing another course: n/a

Equivalent Course(s): n/a

Mutually Exclusive Course (s): n/a

Restriction(s): n/a



Course Attribute(s): n/a  
Grade Mode(s): N  
Schedule Type(s): A, X  
Credit Hours: 3  
Lecture Hours: 3  
Lab Hours: n/a  
Other Contact Hours: n/a

c. Department of Philosophy

**PHIL 251 (202020)**

**Introduction to Symbolic Logic**

An introduction to the syntax and semantics of propositional and first-order predicate logic; natural language translations and logical form; truth tables; semantic trees, natural deduction systems.

\*\*\* Prerequisite: PHIL 150, or PHIL 100, or a mathematics course, or permission of Department Head.\*\*\*

\*Note: Students can only receive credit for one of PHIL 250, PHIL 251, or PHIL 352.

Is this replacing another course: n/a  
Equivalent Course(s): PHIL 250, PHIL 352  
Mutually Exclusive Course (s): n/a  
Restriction(s): n/a  
Course Attribute(s): n/a  
Grade Mode(s): N  
Schedule Type(s): A, X  
Credit Hours: 3  
Lecture Hours: 3  
Lab Hours: n/a  
Other Contact Hours: n/a

**Course Revisions**

**ECON 499 (202020)**

**Honours Project**

Update course description: Continuation of ECON 480. Students will expand their ECON 480 paper. The student will conduct a research project under the direction of a faculty member, typically involving empirical work or critical analysis and will present the final project at a Departmental seminar.

\*\*\* Prerequisite: Grade of at least 75% in ECON 480. \*\*\*

\*Note: ECON Honours students only.\*

## **Course Inactivation**

### **ECON 396AM (202020)**

#### **Current Economic Policy Issues**

All courses and/or templates that this course is being removed from: n/a

### **ECON 396AT (202020)**

#### **British Corn Laws: Introduction and Retention**

All courses and/or templates that this course is being removed from: n/a

### **ECON 396AU (202020)**

#### **British Corn Laws: Later Years and Abolition**

All courses and/or templates that this course is being removed from: n/a

### **ECON 396AV (202020)**

#### **Advanced Topics in Financial Crises**

All courses and/or templates that this course is being removed from: n/a

### **ECON 496AK (202020)**

#### **Advanced Behavioural Economics**

All courses and/or templates that this course is being removed from: n/a

End of Report from the Faculty of Arts

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## 4.2 Faculty of Engineering and Applied Science

The Faculty of Engineering and Applied Science has approved and recommends for approval the following motions.

### Items for Approval

#### **Motion 1: Humanities Electives in all Engineering programs**

To accept any course from the Faculty of Art or La Cité to fulfill the Social Science and Humanities elective requirement, **effective 202020**.

#### **Rationale:**

In degree audit French courses are not considered a humanities elective as they are taught by La Cité. Engineering students have always been allowed to take a French course as their humanities elective when French courses fell under the Faculty of Arts. This was not updated when La Cité separated from the Faculty of Arts. The Engineering program templates in the undergraduate calendar should read “Social Sciences and Humanities elective: choose any Faculty of Arts or La Cité course.” This change is being made to update degree audit to reflect what the program has been doing.

(End of Motion 1)

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#### **Motion 2: Engineering and Applied Science Cooperative Education Program**

To add a note to the Engineering and Applied Science Coop and Internship admission sections of the calendar as outlined below, **effective 202020**.

#### **Coop (pg.187 of the online calendar)**

##### **Admission**

To apply for admission to the Co-operative Education program in the Faculty of Engineering, a student must:

1. be registered in at least twelve credit hours in a Systems Engineering program in the Faculty of Engineering;
2. have completed or been given credit for no less than 27 and no more than 63 credit hours towards a Systems Engineering degree (students are expected to have successfully completed the first three terms of the Systems Engineering program before going on a first work term;
3. have a PGPA of at least 60.00%; and
4. have completed or been given credit for ENGL 100, ENGG 123, and ENGG 100.

NOTE: If students fail an Engineering Co-op Work Term, students are ineligible to continue with either the Co-operative Education Program or the Co-operative Internship Program.

#### **Internship (pg. 188 of the online calendar)**

##### **Academic Rules**

- Applications to the Co-operative Internship program in the Faculty of Engineering and Applied Science are due six months before the intended placement, as listed in the Academic Calendar. To apply for admission, a student must:

- be registered in at least twelve credit hours in a Systems Engineering Program in the Faculty of Engineering;
  - have completed or been given credit for no less than 72 and no more than 102 credit hours towards the Systems Engineering degree. Students have to have successfully completed academic Terms 1, 2, 3, 4, 5, 6, and 7 of the Systems Engineering program before the internship placement;
  - have a PGPA of at least 60.00%;
  - have withdrawn from the Co-operative Education program, if previously admitted. Students who have completed more than one work term are not eligible for the Co-operative Internship program; and
  - have demonstrated fluency, written and oral, in both English and the language of employment in their desired country of internship.
- Acceptance into the Co-operative Internship program does not ensure work placement.
  - The parchment and transcript of each student who successfully completes the minimum of these consecutive internship terms required for Co-operative Internship will include “Internship” designation.

NOTE: If students fail an Engineering Co-op Work Term, students are ineligible to continue with either the Co-operative Education Program or the Co-operative Internship Program.

**Rationale:** This note is to clarify to students that they cannot continue with the COOP program if they fail a work term and additionally that they will not be accepted into the internship program if they have failed a coop work term.

(End of Motion 2)

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## Items for Information

### Course Revisions

#### **ENGG 303 (202020)**

#### **Eng’g Economics & Evaluation (Engineering Economics & Evaluation)**

Update course title: Eng’g Econ & Project Mgmt (Engineering Economics and Project Management)

Update course description: Fundamentals of engineering economics and projects financials.

Social & environmental decision making, time value of money, cash flows, interest, equivalence, cost estimation and comparative costing, replacement analysis, capital projects, sensitivity analysis, balance sheets. Project management concepts, skills, tools and techniques including cost, scope, quality, resources, communication, risk, procurement and stakeholder management.

\*\*\*Prerequisites: STAT 289 (or STAT 160) and ECON 201\*\*\*

**Rationale:** All engineering disciplines need to study formal methods of engineering economics and project management including time management, budgeting, and aspects of managing project complexities. It is more efficient to manage that through ENGG offering. All programs have ENGG 303 as a required course.

#### **ENPE 481 (202020)**

#### **Natural Gas Engineering**

Add the equivalent of ENPE 381 and update the course description to add: \*Note: Students may only receive credit for one of ENPE 381 and ENPE 481.\*

End of Report from the Faculty of Engineering and Applied Science

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### 4.3 Faculty of Media, Art, and Performance

#### Items for Information

##### 1. Course Revisions effective 202020

To change “Print Media” to “Printmaking” in all the Printmaking undergraduate course descriptions named as follows:

- ART 270 – Introduction to ~~Print Media~~ Printmaking  
A studio course that aims to foster a broad understanding of artistic ~~printed media~~ printmaking through exposure to a variety of studio techniques and assignments, complemented by demonstrations and discussions of printmaking's historical and social importance. Intaglio, plate Lithography and hybrid Digital processes will be introduced.  
\*\*\*Prerequisite: ART 100 (may be taken concurrently) or permission of Department Head.\*\*\*
- ART 470 – Senior ~~Print Media~~ Printmaking I  
Students in this senior-level ~~print media~~ printmaking course will build upon the skills and concepts developed at the intermediate level. Through specific demonstrations and lectures, Students will further develop their ~~print media~~ printmaking practice through independent and directed studio work, demonstrations, lectures, and critiques.  
\*\*\*Prerequisite: 9-credit hours of 300-level studio courses including ART 371 and ART 372, or permission of the Department Head.\*\*\*
- ART 471 -Senior ~~Print Media~~ Printmaking II  
Students in this senior-level ~~print media~~ printmaking course will be actively engaged in independent ~~print media~~ printmaking practice through directed studio work, individual and group critiques, lectures, and other relevant activities.  
\*\*\*Prerequisite: ART 470\*\*\*
- ART 472 - Senior ~~Print Media~~ Printmaking III  
Students in this senior-level ~~print media~~ printmaking course will be actively engaged in independent ~~print media~~ printmaking practice through directed studio work, individual and group critiques, lectures, and other relevant activities.  
\*\*\*Prerequisite: ART 471\*\*\*
- ART 473 - Senior ~~Print Media~~ Printmaking IV  
Students in this senior-level ~~print media~~ printmaking course will be actively engaged in independent ~~print media~~ printmaking practice through directed studio work, individual and group critiques, lectures, and other relevant activities.  
\*\*\*Prerequisite: ART 472\*\*\*
- ART 474 Senior ~~Print Media~~ Printmaking V  
Students in this senior-level ~~print media~~ printmaking course will be actively engaged in independent ~~print media~~ printmaking practice through directed studio work, individual and group critiques, lectures, and other relevant activities.  
\*\*\*Prerequisite: ART 473\*\*\*

**Rationale:** In 2008 the Printmaking area was renamed Print Media. This was done in an attempt to more accurately capture the range of approaches to the discipline, including newer technologies, as well as to align with some other institutions who had adopted the name. However, since that time there has been a small but chronic misunderstanding of what the area is and what the courses actually offer. The change to “Printmaking” best reflects the current and historical practices being taught, and continues to align with many institutions in Canada and abroad.

**ART 326 (202020)**

**Alternative Photographic Proc**

Update course description: “Working with the sun/uv light, natural materials, and digitally created negatives, students will create contemporary works of art through the exploration of historical processes. Approaches will include Cyanotype and Pinhole photography, amongst a wide range of possibilities.

\*\*\*Pre-requisite: ART 223 or permission of Department Head\*\*\*”

**ARTH 210 (202020)**

**Cultures of Display Curatorial Studies**

Update course description: “What is curation, and what do curators do? This course will introduce you to the history, theories and practices of curation, addressing curators’ responsibilities in building and presenting collections in various institutional settings, as well as curators’ interactions with artists and other professional profiles involved in planning exhibitions.”

**Inactive Courses**

Subject	Number	Course title	Last Term Offered
FILM	346	Television Studies	201010
FILM	380AC	Music, Comedy, Romance	200530
FILM	380AD	Italian Cinema: 1945-1971	
FILM	380AE	Theatre and Film	200630
FILM	380AF	Moral Issues Contemporary Film	200710
FILM	380AG	Women in Latin American Cinema	200730
FILM	380AM	Postmodern Cinemas	201030
FILM	385AC	Black & White Photography	201320
FILM	385AD	Intro to Digital Filmmaking	201320
FILM	386AA	Ethical Issues in Filmmaking	200710
FILM	390AG	Masc. & Films of Gus Van Sant	200530
FILM	390AH	Readings in Quebec Cinema	200630
FILM	390AK	Editing the Prairie	200730
FILM	390AL	Cinema of John Cassavetes	201010
FILM	390AM	Indigenous Media and Youth	201310
FILM	460	Media	
FILM	480AG	The Samurai Films of Kurosawa	200520
FILM	480AH	Frontier Hollywood, Myth and US	
FILM	480AK	World Music and Film	200620
FILM	480AM	Blaxploitation Film to Hip Hop	

FILM	480AP	Media & Performance	200910
FILM	480AQ	Stardom & Celebrity	200830
FILM	480AT	Film and Identity Formation	200930
FILM	480AX	Action Genre and Spectacle	201020
FILM	480BA	Kenneth Anger & Mysticism	201210
FILM	480BC	French Science Fiction Film	201220
FILM	480BD	Censorship and Creativity	201230
FILM	480BG	Masculinities in Film Noir	201320
FILM	481AD	Superheros in Film	201120
FILM	481AM	Blaxploitation Film to Hip Hop	
FILM	486AB	Directing Documentary	200710
FILM	486AC	Mediated Sound	200510
FILM	486AE	Acting Styles II	
FILM	486AG	Dir Actrs Thru Rehrsl to Perf	200810
FILM	486AH	2D Digital Animation	200810
FILM	486AI	Advanced Production Project	201320
FILM	486AJ	Advanced Animation	201010
FILM	486AK	Advanced Production Project II	200930
FILM	486AL	Intl Media Distribution	201010
FILM	486AM	Advanced Screenwriting	201110
FILM	486AN	Design/effects for Video Post	201120
FILM	486AO	Post Production Video Design	201120
FILM	486AR	Green Screen Post Production	201130
FILM	486AT	Web Series Production	201320
FILM	490AA	Research Methods-Masculinities	200610
FILM	490AB	Films of Jean-Claude Lauzon	200630
FILM	490AC	Research Methods and Thesis	200810
FILM	490AD	Lynch's Narrative Strategies	201030
FILM	490AE	Lars Von Trier's Antichrist	201030
FILM	490AF	Serial Killers in Media	201030
FILM	490AG	Media and Sexuality	201110
FILM	490AH	Post 9-11 Anxiety Recent Film	201110
FILM	491AC	2001: A Space Odyssey	200610
FILM	491AD	Photo Works of Cindy Sherman	200510
FILM	491AE	Abjection in Sask. Filmmakers	200730
FILM	492AA	Blaxploitation Film to Hip Hop	200710
FILM	492AB	Archetypes of Salvation	200710
FILM	492AC	Imaging Gypsies on Film	200730
FILM	492AD	The Films of Federico Fellini	200810
FILM	496AL	Advanced Animation	200710
FILM	496AN	Comprehensive Film Production	200510
FILM	496AP	16mm Colour Film Developing	200620
FILM	496AQ	Surround Sound Post Production	200710
FILM	496AR	Soundscapes and Soundtracks	200710

FILM	496AS	Production Skills	200710
FILM	496AT	Advanced Documentary Prod.	200810
FILM	496AU	Dual Screen Presentation	200730
FILM	496AV	Post-Production Skills	201010
FILM	496AW	Long Photographic Exposures	200930
FILM	496AX	Post-Production II	201010
ART	396AC	Painting with Acrylic	200930
ART	396AD	Gender Identity & Subjectivity	201010

### Historical Courses

Subject	Number	Course title	Last Term Offered
ART	390AA	Intermediate Drawing	200720
ART	390AC	Intermediate Sculpture	200520
ART	390AF	Intermediate Intermedia	200610
ART	391AA	Intermediate Drawing	200720
ART	391AC	Intermediate Sculpture	200820
ART	391AD	Intermediate Ceramics	200710
ART	391AF	Intermediate Intermedia	
ART	392AF	Intermediate Intermedia	
ART	490AF	Senior Intermedia Studies	200830
ART	490AG	Research-Artists of Influence	201030
ART	490AH	Research Into Influences	201110
ART	491AD	Senior Ceramics Studies	200810
ART	491AF	Senior Intermedia Studies	200910
ART	492AB	Senior Painting Studies	200710
ART	492AD	Senior Ceramics Studies	200910
ART	492AE	Senior Printmaking Studies	200620
ART	492AF	Senior Intermedia Studies	200910
ART	493AD	Senior Ceramics Studies	200810
ART	493AE	Senior Printmaking Studies	200530
ART	494AD	Senior Ceramics Studies	201010
ART	495AE	Senior Printmaking Studies	200610
ART	495AF	Senior Intermedia Studies	200830
ART	496AA	Print: Art and Culture	200630
ART	497AA	Drawing Portfolio Preparation	200610
ART	497AB	Painting Portfolio Preparation	
ART	497AC	3D Portfolio Preparation	
ART	497AD	Ceramics Portfolio Preparation	
ART	497AE	Portfolio Preparation	200710
ART	497AF	Portfolio Preparation	
ARTH	380AF	Mapping Illness	200630
ARTH	465	Visual Culture	
ARTH	490AE	Childbearing & Infancy 18th C	



THAC	360AA	Basic Improv	201610
THAC	360AB	A Challenge for the Actor	201610
THAC	360AC	The Business of Acting	201610
THAC	360AF	Introduction to Musical Theatre: Sing! Dance!	201610
THAC	360AG	Action on Action	201610
THAC	360AN	Future Success and the Art Behind Profession	201810
THAC	362	Fundamentals of Improvisation	201610
THAC	365AA	Schoolhouse	201610
THAC	365AC	Much Ado About Nothing	201610
THAC	365AD	Assistant Director - Much Ado About Nothin	201610
THAC	365AE	Professional Acting Practice - The Modern M	201610
THAC	365AF	Acting Saskatchewan	201610
THAC	365AG	Triple Threat Musical Theatre	201610
THAC	365AH	Fear and Misery in the Third Reich	201610
THAC	365AI	The Birds	201610
THAC	365AJ	Fall 2013 Theatre Production	201610
THAC	365AK	Assistant Director - Back Story	201610
THAC	365AL	Winter 2014 Theatre Production	201610
THAC	365AM	Fall 2014 Theatre Production	201610
THAC	365AN	Winter 2015 Theatre Production	201610
THAC	365AO	Assistant Director - Philistines	201610
THAC	365AP	Fall 2015 Theatre Production	201610
THAC	365AQ	Attempts on Her Life	201610
THAC	365AR	Spring's Awakening	201630
THAC	365AS	Winter 2017 Theatre Production	201710
THAC	365AT	Fall 2017 Production - Antigone	201730
THAC	365AU	Winter 2018 Production - Bone Cage	201810
THAC	365AV	Fall 2018 Production - Blood Relations	201830
THAC	370AB	Your Voice: Alive!	201610
THAC	370AC	The Public Voice: Speaking with Confidence	201610
THAC	370AD	Voice in Production	201730
THAC	371AA	Movement: Creativity and Expression	201610
THAC	371AC	Movement as a Mobilizing Force	201610
THAC	460AA	Finding the Truth of Laughter: The Comic Mu	201610
THAC	460AB	Creating and Presenting Theatre for Young A	201610
THAC	460AC	Senor Hagen Class	201710
THAC	465AA	Schoolhouse	201610
THAC	465AB	Much Ado About Nothing	201610
THAC	465AC	Lookingglass	201610
THAC	465AD	Directing Actors	201610
THAC	465AE	Fear and Misery in the Third Reich	201610
THAC	465AF	The Birds	201610
THAC	465AG	Fall 2013 Theatre Production	201610
THAC	465AH	Winter 2014 Theatre Production	201610

THAC	465AI	Fall 2014 Theatre Production	201610
THAC	465AJ	Winter 2015 Theatre Production	201610
THAC	465AK	Fall 2015 Theatre Production	201610
THAC	465AL	Attempts on Her Life	201610
THAC	465AM	Spring's Awakening	201630
THAC	465AN	Winter 2017 Theatre Production	201710
THAC	465AO	Winter 2018 Production	201810
THAC	465AP	Fall 2018 Production - Blood Relations	201830
THDS	300AA	Designing Commedia dell'arte	201610
THDS	300AB	Advanced Scenography	201610
THDS	300AE	Advanced Stage Carpentry and Craft	201610
THDS	300AF	Advanced Costume Construction	201610
THDS	300AG	Reading Julie Taymor	201610
THDS	300AH	The Politics and Performance of Food: Specta	201610
THDS	300AI	Stage Management/Production	201630
THDS	300AJ	Technical Theatre Research	201710
THDS	301	Designing Commedia dell'arte	201610
THDS	365AB	Much Ado About Nothing (Stg Mgmt/Tech)	201610
THDS	365AC	Lookingglass (Stg Mgmt/Tech)	201610
THDS	365AE	Fear and Misery in the Third Reich (Stg Mgm	201610
THDS	365AF	The Birds (Stg Mgmt/Tech)	201610
THDS	365AG	Fall 2013 Theatre Production (Stg Mgmt/Tec	201610
THDS	365AH	Winter 2014 Theatre Production	201610
THDS	365AI	Fall 2014 Theatre Production	201610
THDS	365AJ	Winter 2015 Theatre Production	201610
THDS	365AK	Fall 2015 Theatre Production	201610
THDS	365AL	Attempts on Her Life	201610
THDS	365AM	Spring's Awakening	201630
THDS	365AN	Winter 2017 Theatre Production	201710
THDS	365AO	Fall 2017 Theatre Production - Antigone	201730
THDS	365AP	Winter 2018 Production - Bone Cage	201810
THDS	365AQ	Fall 2018 Production - Blood Relations	201830
THDS	465AA	Schoolhouse (Stage Management/Tech Theatr	201610
THDS	465AB	Much Ado About Nothing (Stg Mgmt/Tech)	201610
THDS	465AC	Lookingglass (Stg Mgmt/Tech)	201610
THDS	465AD	Lookingglass (Design)	201610
THDS	465AE	Fear and Misery in the Third Reich (Stg Mgm	201610
THDS	465AF	The Birds (Stg Mgmt/Tech)	201610
THDS	465AG	The Birds (Design)	201610
THDS	465AH	Fall 2013 Theatre Production (Stg Mgmt/Tec	201610
THDS	465AI	Winter 2014 Theatre Production	201610
THDS	465AJ	Winter 2014 Theatre Production (Design)	201610
THDS	465AK	Fall 2014 Theatre Production	201610
THDS	465AL	Winter 2015 Theatre Production	201610

THDS	465AM	Fall 2015 Theatre Production	201610
THDS	465AN	Attempts on Her Life	201610
THDS	465AO	Spring's Awakening	201630
THDS	465AP	Winter 2017 Theatre Production	201710
THDS	465AQ	Winter 2018 Production - Bone Cage	201810
THDS	465AR	Fall 2018 Production - Blood Relations	201830
THEA	215AC	Let's go to the Theatre	201610
THEA	215AD	Introduction to Regalia for Pow Wow	201610
THEA	215AH	Collective Creation through Improvising and	201710
THEA	315AC	Theatre for Young Audiences: Production La	201610
THEA	315AD	Play!: Performing Creation Festival	201610
THEA	315AF	Performing Trauma	201610
THEA	315AG	Devising and Creating Performance: Directed	201710
THEA	315AH	The BIZ: Professional Development in Theatr	201730
THEA	315AI	Directed Studies in Directing	201730
THEA	399AA	Chicago Study Tour	201610
THEA	399AB	East Meets Wes: Examinin New European Th	201830
THEA	415AA	Introduction to Acting	201630
THEA	415AB	Directing Inclusive Theatre	201710
THEA	456AA	Contemporary Comedy	201610
THST	310AA	Reading Sharon Pollock	201830
THST	381AA	Comedies of Menace: Pinter	201610
THST	396	Directed Study for Honours Students	201610
THST	411	Writing One Act Plays	201610
THST	456AA	Theatre of Cruelty	201610
THST	496	Directed Study for Senior Honours Students	201610
THST	497	Honours Essay	201610

(End of report from the Faculty of Media, Art, and Performance)

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#### 4.4 Report from the Faculty of Science

##### Items for Approval

The Faculty of Science has approved the following items and offers the items for approval.

##### **Motion 1: BSc in Computer Science, Creative Technologies Concentration Revisions**

To update the BSc in Computer Science with a Concentration in Creative Technologies, as indicated below, effective **202020**.

##### **BSc in Computer Science with Creative Technologies Concentration**

Credit hours	BSc in Computer Science with Creative Technologies Concentration Required Courses
3.0	CS 110
3.0	CS 115
3.0	CS 201
3.0	CS 205
3.0	CS 207
3.0	CS 210
3.0	CS 215
3.0	CS 280
3.0	Three of: CS 301, 310, 330, 335, 372
3.0	
3.0	
3.0	CS 315
3.0	CS 320
3.0	CS 340
3.0	CS 428
3.0	CS 400-level *
3.0	CS 400-level *
3.0	MATH 110
3.0	MATH 111
3.0	MATH 122
3.0	MATH 221
3.0	STAT 160 or 200
3.0	STAT 251
3.0	STAT 252
3.0	CTCH 110
3.0	CTCH 111
3.0	CTCH 203
3.0	FILM 280AC FILM 220
3.0	CTCH 204
3.0	CTCH 300- or 400-level from list in handbook**
3.0	CTCH 300- or 400-level from list in handbook**
3.0	PSYC 101 or 102
3.0	ENGL 251
99.0	Subtotal: 65.00% Major GPA required
3.0	ENGL 100
3.0	ENGL 110

3.0	Open elective
3.0	Open elective
3.0	Open elective
3.0	Open elective
3.0	Capstone project ***
<b>120.0</b>	<b>Total: 65.00% Program GPA required</b>
*It is highly recommend that fourth year CS electives be related to creative technology, such as CS 405, CS 408, CS 409, CS 425, CS 427, CS 455.	
**CTCH electives will be selected from the list of available electives in the CTCH handbook.	
***The CTCH Capstone project course will consist of a major project implemented by the student. Details reside in the CTCH handbook and are currently being finalized.	

**Rationale:** FILM 280AC was replaced effective 201920 with FILM 220 in the Media, Art, and Performance Creative Technologies Concentration. This change was missed being made at the same time in its partner program in the Faculty of Science.

(End of Motion 1)

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**Motion 2: Creative Technologies Minor**

To update the minor in Creative Technologies as indicated below, effective **202020**.

3.0	CTCH 110	
3.0	CTCH 203	
3.0	<del>ART 280</del> CTCH 204 or CS 207	
3.0	CTCH course at the 300-level	
3.0	CTCH course at the 300 or 400-level	
3.0	*Approved Elective One course from:  <u>ART 223, 355, ARTH 222, CS 280, 305, 325, 327, 408, 409, CTCH 111, CTCH 200, 300 or 400-level, (including CTCH 304, 305, 402), EDTC 300, ENGG 100, 123, ENSE 479, MAP 300, 401, MUCO 217, 341, MUHI 304, THDS 347</u>	
<b>18.0</b>	<b>Subtotal: 65% Minor GPA required</b>	
*Approved Electives: ART 280, 223, 380; CS 205, 207, 215, 408, 409, 427, 428; ENGG 100, 123; MUCO 326, 327; or THDS 347.		

**Rationale:** Changes were approved to the minor in Creative Technologies at CCUAS on June 9, 2016 and June 8, 2015 in the Faculty of Media, Art, and Performance. These changes were missed being made to the Faculty of Science Minor in Creative Technologies at the same time.

(End of Motion 2)

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**Motion 3: BSc and BSc Honours with Combined Major in Mathematics and Computer Science**

To make the BSc and BSc Honours with Combined Major in Mathematics and Computer Science historical as outlined below, **effective 202020**,

**BSc and BSc Honours with Combined Major in Computer Science and Mathematics**

Please see the Department of Computer Science Section of the Calendar for information concerning this program.

**BSc with Combined Major in Mathematics and Computer Science**

Refer to the faculty Time Limits, Graduation Requirements, and Conferral of Degrees and the BSc sections for additional important information.

<b>Credit hours</b>	<b>BSc with Combined Major in Mathematics and Computer Science Required Courses</b>
3.0	CS 110
3.0	CS 115
3.0	CS 201
3.0	CS 210
3.0	CS 215
3.0	CS or MATH 261
3.0	CS 310
3.0	CS 320
3.0	CS 340
3.0	CS or MATH 361
3.0	MATH 110
3.0	MATH 111
3.0	MATH 122
3.0	MATH 213
3.0	MATH 217
3.0	MATH 221
3.0	MATH 222
3.0	MATH 223
3.0	MATH 305
3.0	MATH 312
3.0	MATH 327
3.0	STAT 160
3.0	
3.0	Three courses from: MATH 301, 322, 323, 329, 381, CS 350, 410, 411, 412
3.0	
75.0	Subtotal: Major Requirements 65.00% Major GPA required
3.0	ENGL 100
3.0	ENGL 110
3.0	Arts, or Media, Art, and Performance elective
3.0	Arts, or Media, Art, and Performance elective
3.0	Arts, or Media, Art, and Performance elective
3.0	Arts, or Media, Art, and Performance elective
3.0	Natural Science elective

<b>Credit hours</b>	<b>BSc with Combined Major in Mathematics and Computer Science Required Courses</b>
3.0	Natural Science elective
3.0	Science, Arts, or Media, Art, and Performance elective
3.0	Science, Arts, or Media, Art, and Performance elective
3.0	Open elective
3.0	Open elective
3.0	Open elective
3.0	Open elective
3.0	Open elective
<b>120.0</b>	<b>Total: 65.00% Program GPA required</b>

### **BSc Honours with Combined Major in Mathematics and Computer Science**

Refer to the faculty Time Limits, Graduation Requirements, and Conferral of Degrees and the BSc sections for additional important information.

<b>Credit hours</b>	<b>BSc Honours with Combined Major in Mathematics and Computer Science Required Courses</b>
3.0	CS 110
3.0	CS 115
3.0	CS 204
3.0	CS 210
3.0	CS 215
3.0	CS or MATH 264
3.0	CS 310
3.0	CS 320
3.0	CS 340
3.0	CS or MATH 364
3.0	CS 412
0.0	CS 498 or MATH 497
0.0	CS 499 or MATH 498
3.0	MATH 110
3.0	MATH 111
3.0	MATH 122
3.0	MATH 213
3.0	MATH 217
3.0	MATH 224
3.0	MATH 222
3.0	MATH 223
3.0	MATH 305
3.0	MATH 312
3.0	MATH 313
3.0	MATH 327
3.0	STAT 160
3.0	Two courses from: MATH 322, 323, 329, 427, CS 410, 414
3.0	MATH 301, 381, CS 350, or 464
3.0	MATH 301, 381, CS 350, or 464
3.0	MATH 400-level or CS 400-level
3.0	MATH 400-level or CS 400-level
<b>90.0</b>	<b>Subtotal: Major Requirements 75.00% Major GPA required</b>
3.0	ENGL 100
3.0	ENGL 110
3.0	Arts, or Media, Art, and Performance elective
3.0	Arts, or Media, Art, and Performance elective
3.0	Arts, or Media, Art, and Performance elective
3.0	Arts, or Media, Art, and Performance elective

Credit hours	BSc Honours with Combined Major in Mathematics and Computer Science Required Courses
3.0	Natural Science elective
3.0	Natural Science elective
3.0	Open elective
3.0	Open elective
<b>120.0</b>	<b>Total: 70.00% Program GPA required</b>

**Rationale:** This Combined program is currently listed in both the CS and Math Departments under different names, and each has its own program code, although the required course listing is the same. When the program changes, or updates to courses are made, we need to make changes in both templates rather than just one. For the sake of consistency, it is preferred that we maintain the template in one department and make reference to it in the other. As the CS Dept. appears first alphabetically, it seems sensible to allow the program to appear there, and make a reference to the combined program in the Math Dept. Section. The intent is to make the major Combined Math and Computer Science historical.

(End of Motion 3)

#### **Motion 4: Bachelor of Medical Imaging Revisions**

To revise the Bachelor of Medical Imaging program as follows:

- Change the program name from Bachelor of Medical Imaging (BMI) to Bachelor of Medical Radiation Technology (BMRT)
- Update the program as indicated in the template below
- Broaden the BMRT admission criteria to include all qualified MRT Diploma holders in addition to the currently admissible MRT Diploma holders from Saskatchewan Polytechnic

**Effective 202030**

#### **Bachelor of Medical Imaging (BMI) (Joint Program with Saskatchewan Polytechnic)**

~~For admission to the BMI program students must have completed the Diploma of Medical Radiologic Technology from Saskatchewan Polytechnic with a minimum GPA of 60% in addition to meeting the high school admission requirements. Graduation from a similar, Canadian, program may be used for admission to this program and will be reviewed on a case by case basis. Students meeting admission requirements will be granted 60.0 hours of block transfer credit toward this degree program. Refer to the Admissions section and the faculty Time Limits, Graduation Requirements, and Conferral of Degrees and the BSc sections for additional important information.~~

#### **Bachelor of Medical Radiation Technology (BMRT)**

For admission to the BMRT program students must have completed a two year Medical Radiation Technology Diploma Program\* in Canada recognized by Canadian Association of Medical Radiation Technologists (CAMRT), with a minimum GPA of 60.00 % in addition to meeting the high school admission requirements for the Faculty of Science. Internationally Educated Medical Radiation Technologists with CAMRT certification will be also considered. An example of such program is the Medical Radiologic Technology Diploma program at the Saskatchewan Polytechnic.



Students meeting admission requirements will be granted 60 hours of block transfer credit toward this degree program. For further information refer to Department of Physics section. At least one of the electives (3 credit hours) has to be taken in Faculties of Science, Arts or Media Art and Performance.

\*Medical Radiation Technology includes disciplines of Medical Radiological Technology, Nuclear Medicine Technology, Magnetic Resonance Technology, and Medical Radiation Therapy.

Credit hours	<del>Bachelor of Medical Imaging</del> Required Courses after admission to University of Regina: <del>Bachelor of Medical Radiation Technology</del> Required Courses after admission to University of Regina:
<b>Year 3, Fall Term, University of Regina</b>	
3.0	ENGL 100
3.0	PSYC 101 <u>BUS 100</u>
3.0	CHEM 104 <u>CS 110</u>
3.0	MATH 110
3.0	PHYS 109 <u>SOC 222</u>
<b>Year 3, Winter Term, University of Regina</b>	
3.0	ENGL 110
3.0	PSYC 102 <u>BUS 260</u>
3.0	CHEM 105 <u>CHEM 104</u>
3.0	CHEM 140 <u>STAT 160</u>
3.0	PHYS 112 <u>PHYS 109</u>
<b>Year 4, Fall Term, University of Regina</b>	
3.0	BIOC 220 <u>PHYS 119</u>
3.0	STAT 160 <u>BUS 205</u>
3.0	PHYS 319 (permission) <u>BUS 250</u>
3.0	GS 110 <u>ECON 201 or 253</u>
3.0	Elective*
<b>Year 4, Winter Term, University of Regina</b>	
3.0	BIOC 224 <u>PHYS 219</u>
3.0	PSYC 210 <u>ECON 353</u>
3.0	SOC 222 <u>PHIL 276</u>
3.0	Elective*
3.0	Elective*
<b>60.0</b>	<b>University of Regina Subtotal: 65% Program GPA required</b>

\*The required elective must be one of: BIOL 205, 305, 390, 465; BIOC 330; ANTH 343; ECON 353; PHIL 272; PSCI 339; SOC 325; JS 350, 381, 385; KIN 170, 180 240, 378; or SW 403, 416.

A number of these courses may require special permission.

\*At least one of the electives (3 credit hours) has to be taken in Faculties of Science, Arts, or Media, Art and Performance.

Approved Science, Arts, or Media, Art and Performance electives: JS 350, 381; PHIL 273, 277; PSCI 439; SOC 325; PHYS 201, 242, 319

Other approved electives: KIN 285; BUS 201, 301, 306, 356, 358, 361, 362, 363, 364, 461, 462

The prerequisite for PHYS 242 is PHYS 201 and the prerequisite for BUS 301 is BUS 201.

**Rationale:** The UofR/SaskPoly BMI program content/requirements were compared to equivalent programs at Dalhousie (Bachelor of Radiation Technology) and the accreditation requirements of the Canadian Association of Medical Radiation Technologists (CAMRT). It should be noted that the upgrading of credentials from Diploma in Medical Radiation Technology to the Bachelor of Medical Radiation Technology is usually intended as a career-path decision. As a result, the Dalhousie program contains a lot of Business and other relevant subject material that was absent from the BMI program. The UofR program also contained a number of Biochemistry classes that are not in equivalent programs elsewhere. This has been rectified, in an effort to make the program more appealing to practicing technicians. Lastly, the list of approved electives was out of date, containing classes that no longer exist, or classes that are of marginal importance to the program. The new list incorporates the required updates.

We also recommend a change in the title of the degree program, to Bachelor of Medical Radiation Technology (BMRT), to better reflect actual course content and intended student demographic.

The program entrance requirements should also be opened up to graduates of all Canadian Institutions and international applicants with diploma credentials recognized by CAMRT, rather than just those with a SaskPoly Diploma.

**Competency Profiles for CAMRT recognized MRT diploma programs can be found at:**

**<https://www.camrt.ca/certification-3/current-competency-profiles/>**

(End of Motion 4)

#### **Motion 5: Faculty of Science Qualifying Process Revision**

To update the requirements of the Faculty of Science Qualifying Process as outlined below, **effective 202020**.

1. Such that students are no longer required to meet with an academic advisor each term, but are required to meet with a Science Academic Advisor at least once during their first term of study.

**Rationale:** There are many more students being admitted to the Science Qualifying program than was first anticipated. At present, a hold is placed on their account which prevents students from registering each term until they have

met with an advisor. This has created an unsustainable volume of students requiring advising every semester resulting in excessive wait times and repetitive interactions in the Faculty Advising office, as well as students seeking advising through the Student Success Centre simply to remove the hold rather than have a meaningful conversation regarding their academic pathways. This change will result in students being required to check in with a Science advisor specifically, the goal being to ensure the student understands their requirements clearly, make a connection with their faculty, and to develop a plan to meet the necessary admission requirements at the outset of their studies. The responsibility then rests on the student to meet their admission conditions. This is similar to the process we use when meeting with students newly placed on Academic Probation.

2. Such that in order to be removed from the Science Qualifying process and be granted "fully admitted" status, students must have obtained a UGPA of at least 60% and are in "good academic standing", have completed all missing pre-requisite and/or course requirements for admission and completed any other conditions on admission outlined in their admissions letter.

**Rationale:** This motion is essentially to change the UGPA requirement to clear qualifying from 65% to 60%. In order to maintain good academic standing, students must maintain a UGPA of at least 60%, so this will bring UGPA expectations between Qualifying and Fully Admitted students into alignment. Students will still be advised that a PGPA of 65% is required to meet graduation requirements. This also provides a more accurate presentation of how Qualifying students are reviewed, and indicates that student status will automatically be updated following the first term in which they have met all requirements.

3. Update the Calendar entry in the Science Section concerning the Science Qualifying Process as follows.

**Rationale:** This motion is to encapsulate both changes outlined in the previous two motions, as well as clearly identify conditions of admission and the required courses need to clear Qualifying status. Students and other units are unclear as to the requirements and so a policy outlined in the calendar should bring some transparency to the process and serve as an additional resource.

### **Science Qualifying Process**

~~Students possessing a high school admissions average between 65.00% and 70.00% or a post-secondary UGPA (minimum 24 credit hours) between 60.00% and 65.00%, and/or are missing a course requirement (i.e. Math A30, B30 or C30, Pre-Calculus 30, science course) will be admitted to the Science Qualifying Process.~~

~~Science Qualifying students are:~~

- ~~• Limited to 12 credit hours per term;~~
- ~~• Must complete the missing pre-requisite or approved replacement course;~~
- ~~• Must attend an academic advising session prior to first year registration;~~
- ~~and~~
- ~~• Must see an advisor prior to registration every term until Science Qualifying conditions are met.~~

~~Once a student has reached 18 credit hours, completed the necessary course requirements and obtained a UGPA of 65.00% or higher, they will be automatically transfer from Science Qualifying to Science. Students who meet the course requirements and obtain a post-secondary UGPA of 65.00% prior to~~

~~completing 18 credit hours may request, at the Science Student Services office, to be admitted to the Bachelor of Science program.~~

### **Science Qualifying Process**

Students applying to the Faculty who meet the admission requirements except for one of the following conditions, may be admitted as a Science Qualifying student.

- they possess a high school admissions average between 65% and 70%, or;
- they possess a post-secondary UGPA (minimum 24 credit hours) between 60% and 65%, or;
- they are missing ONE of the course requirements outlined in the Admissions section of the Undergraduate Calendar, or;
- they meet the criteria to be admitted to the University of Regina as a mature student.

Students may also be admitted to the Science Qualifying program with upon faculty discretion.

Students who are admitted as Science Qualifying have the following conditions placed on their admission:

- The student may register in a maximum of 12.0 credit hours per term.
- The student must complete the missing pre-requisite or approved replacement course within the first 45.0 credit hours of their program (see chart below). It is expected that the student will work towards completing any missing course requirement each term.
- The student must meet with a Science Academic Program Advisor during their first term of study (preferably prior to registration) to review their Qualifying status and develop a registration plan.

Science Qualifying students will be reviewed each term. Qualifying status will be removed and a student will be changed to “fully admitted” status if:

- The student has achieved a UGPA of at least 60% and is in “good academic standing”, and;
- The student has successfully completed the missing pre-requisite or approved replacement course (see chart below), and;
- Any other conditions on their admission that are outlined in their admissions letter have been completed.

<b>Missing Course</b>	<b>Required “Qualifying” Course / Course Sequence</b>
English language Arts A30 and B30 <b>or</b> English literature course	ENGL 100

Pre-Calculus 30 <b>or</b> Pre-calculus course	MATH 102 (Please note that Math 102 has high school level pre-requisites. If a student has no record of having previously completed the high school pre-requisites for Math 102, students will also be required to complete AMTH 091, followed by AMTH 092 before they will be allowed to register in Math 102.)
Two of Biology 30, Calculus 30, Chemistry 30, Computer science 30, Physics 30, Earth Science 30 <b>or</b> Two of Biology, Calculus, Chemistry, Computer Science, Earth Science or Physics courses	Any one Science course at the 100 level will meet this requirement.

(End of Motion 5)

**Items for Information**

The Faculty of Science has approved the following course creations and changes and offers them for information only.

**1. Department of Geology**

**New Courses**

**GEOL 430 (202020)**

**Quaternary Environments (Quaternary Environments and the Anthropocene)**

This course covers general aspects of the Quaternary Period with emphasis on the Holocene and Anthropocene. It includes the main methods employed to reconstruct Quaternary environments, main climatic oscillations, environmental change and impacts by human activities. It emphasizes the importance of paleo-environmental reconstructions in the conservation and management of present ecosystems.

\*\*\*Prerequisites: Two 300 level courses in Geology or Geography and/or permission from the Department Head.\*\*\*

\*Note: Students with credit for GEOL490AK cannot take GEOL 430 for credit.\*

Is this replacing another course: GEOL 490AK

Equivalent Course(s): GEOL 490AK

Mutually Exclusive Course (s): n/a

Restriction(s): n/a

Course Attribute(s): n/a

Grade Mode(s): N

Schedule Type(s): A, X

Credit Hours: 3

Lecture Hours: 3

Lab Hours: n/a

Other Contact Hours: n/a

**GEOL 494 (202020)**

**International Field Course**

A supervised field course for several days at an international location to be determined. This course involves the observation, measurement, analysis and interpretation of geological sites, to

expand geological knowledge and familiarise the student with the geology of other places outside of Canada.

\*\*\*Prerequisites: 70% GPA, min 24 credits in Geology/Environmental Geoscience, full-time student in the previous two terms and/or permission of the Department Head.\*\*\*

\*Note: An additional charge will be assessed to cover costs of the course.\*

Is this replacing another course: n/a

Equivalent Course(s): n/a

Mutually Exclusive Course (s): n/a

Restriction(s): n/a

Course Attribute(s): n/a

Grade Mode(s): N

Schedule Type(s): L

Credit Hours: 3

Lecture Hours: 3

Lab Hours: n/a

Other Contact Hours: n/a

### **Course Revisions**

#### **GEOL 210 (202020)**

##### **Mineralogy I**

Update course prerequisite: \*\*\*Prerequisite: GEOL 201 with a minimum grade of 60% 65%.\*\*\*

#### **GEOL 211 (202020)**

##### **Mineralogy II**

Update course prerequisite: \*\*\*Prerequisite: GEOL 201 and GEOL 210\*\*\*

## **2. Department of Physics**

### **New Courses**

#### **PHYS 103 (202020)**

##### **Essential Physics: Ideas & App (Essential Physics: Ideas and Applications)**

This is an introductory course about the fundamental and modern ideas in physics and their applications in technological developments. The essential mathematical skills will be developed and applied to everyday physics in an interactive and conceptual learning environment.

\*Note: With the exclusion of PHYS 140 and PHYS 142, PHYS 103 may not be taken for credit if a student has previously received credit for PHYS 109 or a higher number physics course.\*

Is this replacing another course: n/a

Equivalent Course(s): n/a

Mutually Exclusive Course (s): n/a

Restriction(s): n/a

Course Attribute(s): n/a

Grade Mode(s): N

Schedule Type(s): A, X

Credit Hours: 3

Lecture Hours: 3

Lab Hours: n/a

Other Contact Hours: n/a

#### **PHYS 240 (202020)**

### **Tech & Engg App Modern Physics (Technological and Engineering Applications of Modern Physics)**

This class takes you on a tour of how the power of special relativity, quantum and subatomic physics is harnessed to create technological and engineering developments, such as nuclear reactors, lasers, integrated circuits, superconductors, liquid crystal displays, quantum encryption, GPS, medical imaging devices and photonics.

\*\*\*Prerequisite: PHYS 119\*\*\*

Is this replacing another course: n/a

Equivalent Course(s): n/a

Mutually Exclusive Course (s): n/a

Restriction(s): n/a

Course Attribute(s): n/a

Grade Mode(s): N

Schedule Type(s): A, X

Credit Hours: 3

Lecture Hours: 3

Lab Hours: n/a

Other Contact Hours: n/a

### **PHYS 377 (202020)**

#### **Introductory Electronics**

Ever wondered what makes all the electronic gadgetry around you tick? Want to learn how to read schematics, solder, program and build circuits, but unsure where to begin? This introductory course on the theory and operation of basic analogue and digital electronics, circuit design, implementation and application is for you.

\*\*\*Prerequisite: PHYS 201\*\*\*

Is this replacing another course: n/a

Equivalent Course(s): n/a

Mutually Exclusive Course (s): n/a

Restriction(s): n/a

Course Attribute(s): n/a

Grade Mode(s): N

Schedule Type(s): A, B, X

Credit Hours: 3

Lecture Hours: 2

Lab Hours: 4

Other Contact Hours: n/a

### **Course Revisions**

### **PHYS 471 (202020)**

#### **Modern Experimental Physics II**

Update course prerequisite: \*\*\*Prerequisite: PHYS 301, 311, 322, 342, and 372\*\*\*

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(End of Report from the Faculty of Science)

## **5. Adjournment**