

## EXECUTIVE OF COUNCIL

**Date:** February 21, 2018  
**To:** Executive of Council  
**From:** Glenys Sylvestre, Executive Director (University Governance) and University Secretary  
**Re:** Meeting of 28 February 2018

A meeting of Executive of Council is scheduled for 28 February 2018, 2:30-4:30 p.m. in AH 527. As per Section 4.6.2 of the Council Rules and Regulations, meetings shall be closed except to persons invited to attend and members of Council who choose to attend as guests.

## AGENDA

1. **Approval of the Agenda**
2. **Approval of the Minutes of Meeting 24 January 2018**- *circulated with the Agenda*
3. **Business Arising from the Minutes**
4. **Remarks from the Chair**
5. **Report of the University Secretary**
6. **Reports from Committees of Council**
  - 6.1 Council Committee on Budget, Appendix I, pp. 3-4
  - 6.2 Council Committee on Undergraduate Admissions and Studies, Appendix II, pp. 5-43
7. **Graduand Lists**
  - 7.1 Graduand Lists for Approval - Omnibus Motion – *circulated at the meeting - please return all copies*
    - 7.1.1 Faculty of Arts
    - 7.1.2 Faculty of Business Administration
    - 7.1.3 Faculty of Education
    - 7.1.4 Faculty of Graduate Studies and Research
    - 7.1.5 Faculty of Kinesiology and Health Studies
    - 7.1.6 Faculty of Media, Art and Performance
    - 7.1.7 Faculty of Social Work
    - 7.1.8 Centre for Continuing Education



**8. Reports from Faculties and Other Academic Units**

- 8.1 Arts
- 8.2 Business Administration
- 8.3 Education
- 8.4 Engineering and Applied Science
- 8.5 Graduate Studies and Research
- 8.6 Kinesiology and Health Studies
- 8.7 Media, Art, and Performance
- 8.8 Nursing
- 8.9 Science
- 8.10 Social Work
- 8.11 Centre for Continuing Education
- 8.12 La Cité universitaire francophone
- 8.13 Library
- 8.14 Federated Colleges
  - 8.14.1 Champion College
  - 8.14.2 First Nations University of Canada
  - 8.14.3 Luther College

**9. Other Business**

- 9.1 Update on Congress 2018, Verbal Update
- 9.2 Student Appeals, For Discussion, *distributed at the meeting*
- 9.3 Executive of Council Meeting Schedule 2018-2019, For Information, Appendix III, pp. 44

**10. Adjournment**

# Council Committee on Budget

## Motion: Revision to the Terms of Reference

### To revise the Terms of Reference for the Council Committee on Budget as follows:

As a voice of Council on the budgetary matters as they support the academic mission of the University, the Council Committee on Budget shall advise the President on matters relating to the University budget and its allocation with respect to practices, policies, planning and priorities.

#### Membership:

8 members of Council, with no more than 2 members representing a Faculty or Academic Unit and with no more than 1 member from Federated Colleges

2 students, appointed by URSU and GSA, respectively

*Ex officio:* Provost and Vice-President (Academic), Vice-President (Administration) and Vice-President (Research)

Resource: Vice-President (Administration) office

#### Roles and Responsibilities:

1. To review and assess budget principles, allocations and related financials, providing advice to the President from Council on the annual budget.
2. To consult with Faculty members, academic staff, staff, students, senior administrators and other resources, as required, on financial matters.
3. To consult regularly with the Council Committee on Academic Mission for continuity and effective collaboration.
4. In cases where the Council Committee on Undergraduate Admissions and Studies, the Council Committee on the Faculty of Graduate Studies and Research, or Executive of Council determines that the implementation of a new program or program change requires resources beyond those currently available to the Unit(s) offering the program, Council Committee on Budget evaluate the proposal for recommendation to the Executive of Council.
- ~~4. To evaluate proposals (including budget) for new and substantially revised programs of study and recommend these to the Council Committee on Undergraduate Admissions and Studies or the Council Committee on the Faculty of Graduate Studies and Research for their recommendation to Executive Council.~~
5. 5. To communicate regularly with the University Budget Team on allocations during the annual budget preparation process.

**Rationale**

The proposed revisions take into account the collegial discussion at the previous meeting of Exec of Council. In addition, CCB consulted closely with the Federated Partners regarding the CCB membership clause.

As noted previously, the first change was discussed in CCB in September 2016. The addition of “the budgetary matters as they support” captures the essence of CCB mandate and responsibilities and honors the spirit of the friendly amendment made in the previous meeting.

University of Regina and Federated Colleges hold a valuable partnership in achieving their academic missions. This is expressed in the joint responsibility of delivering many academic programs and the dedication of all partners to provide the best possible student experience in our campus. It is important to note, however, that the budgeting processes of the University and the Federated Colleges are varied, independent and separate. In addition, final budgetary decisions ultimately rest with their respective Board of Governors/Regents. CCB holds an advisory role only for the University of Regina Budget and does not review or provide any input on budgets of the Federated Colleges. To ensure that the voice and representation in decision making process pertaining the University’s budgetary issues rests first and foremost with those that are most affected, the proposed change extends the privilege of advising the President up to one Council member from the Federated Colleges. Please note that CCB is bringing for approval to Exec of Council the Federated partners most preferred option.

The third proposed change is in light of recent revisions to “Academic Program Approval Process” as it was proposed by CCAM and approved at the Executive of Council on September 27, 2017. It is important that the CCB’s Terms of Reference are aligned with the process in effect. In addition, the proposed language provides more clarity on the order of business - i.e., CCB considers the budgetary implications of new and substantially revised programs once the Council Committees responsible for programming (CCUAS and CCFGSR) have deliberated and decided on their academic merits. Please note that this version includes the amendment that was made in the previous meeting of Exec of Council.

**REPORT TO EXECUTIVE OF COUNCIL – 28 February 2018**

**From the 8 February 2018 Council Committee on Undergraduate Admissions and Studies Meeting**

**APPROVAL ITEMS FOR EXECUTIVE OF COUNCIL**

**1. Faculty of Arts**

**1.1 School of Journalism**

**MOTION 1: Program Revision**

To delete JRN 305, JRN 306, and JRN 307 as requirements in the Bachelor of Arts in Journalism, and the Bachelor of Journalism, and to award students an additional 9 credit hours of electives, effective 201820.

The School of Journalism recommends the changes to the number of the core classes to reflect the trends in Journalism. Historically, the School offered two sequences – Print and Broadcast – with required classes at introductory, intermediate and advanced levels. The confluence of media platforms through digitization and the emergence of online journalism have blurred the older divisions and require additional versatile skills going beyond older boundaries. Journalists today do not only require certain technical skills in traditional media, but have to expand their knowledge in other technological areas and to broaden their intellectual horizons and general writing skills. The existing curriculum contains mostly mandatory classes for the undergraduate students limiting their choice of various elective classes.

Another reason to reduce the number of mandatory classes and to increase the number of electives is that the unit also has limited capacity to teach those classes. Moreover, the enrolment in these two intermediate classes is relatively low, and removing them from the list of core classes may allow for boosting the enrolment in popular elective classes.

The changes in the number of core classes will provide more flexibility for students. They will be able to take one more specialized Journalism class and one more outside elective. The proposed changes will not affect any other programs within or outside of the faculty of Arts.

**JRN 305**

**3:3-3**

**Intermediate Print Journalism**

Continuing study and practice of newsgathering and writing for daily news, with in-depth reporting on current issues. A focus on beat coverage, editing and production, feature preparation, backgrounders, analysis pieces, and style guidelines. A critical study of Canadian newspapers through analysis, examination and debate of examples of excellent journalism.

\*\*\* Prerequisite: JRN 300 \*\*\*

**JRN 306 3:3-3**

**Intermediate Broadcast Journalism**

Continuing study and practice of newsgathering, writing and reporting for radio and television. A focus on longer form reporting for broadcast, with specific attention on the skills to fit in-depth analysis and commentary of public issues into a variety of broadcast formats ranging from talk tapes to mini documentaries.

\*\*\* Prerequisite: JRN 301 \*\*\*

**JRN 307 3:3-0**

**Investigative Journalism**

The history and social role of investigative journalism. Students will explore investigative tools and techniques, including accessing public information, approaching and interviewing hostile sources, computer assisted reporting, online resources, ethical pitfalls, journalistic numeracy, avoiding legal problems, ensuring accuracy, fact-checking and security.

\*\*\* Prerequisite: JRN 303 and JRN 304 \*\*\*

**Rationale**

Making this class an elective will enable students to broaden their options in choosing elective classes in other areas of journalism and arts.

|   |   |
|---|---|
| <b>Credit hours</b>   | <b>BA in Journalism program, required courses</b> |
| <b>PRE-JOURNALISM (years 1 and 2)</b>   |   |
| <b>60.0</b>   | <b>As stated above for Pre-Journalism.</b>        |
| <b>JOURNALISM STUDIES (years 3 and 4, competitive admission)</b><br><b>Note: Courses taken before admission to the program are not counted towards years 3 and 4 of the program</b> |   |
| 0.0   | ARTS 099  |
| 3.0   | JRN 300   |
| 3.0   | JRN 301   |
| 3.0   | JRN 302   |
| 3.0   | JRN 303   |
| 3.0   | JRN 304   |
| <del>3.0</del>  | <del>JRN 305</del>                                |
| <del>3.0</del>  | <del>JRN 306</del>                                |
| <del>3.0</del>  | <del>JRN 307</del>                                |
| 3.0   | JRN 308   |
| 3.0   | 300-level JRN course                              |
| 3.0   | JRN 401 or 402                                    |
| 3.0   | Two 400-level JRN courses                         |
| 3.0   |   |
| <del>3.0</del>  | Five <del>Two</del> -additional electives         |
| <del>3.0</del>  |   |
| <del>3.0</del>  |   |
| <del>3.0</del>  |   |
| 3.0   |   |
| 15.0  | JRN 400 (internship)                              |
| <b>60.0</b>   | <b>Subtotal: 65% major GPA required</b>           |
| <b>120.0</b>  | <b>Total: 65% PGPA &amp; 60% UGPA required</b>    |

|                     |   |
|---------------------|---|
| <b>Credit hours</b> | <b>Bachelor of Journalism program, required courses</b> |
|---------------------|---|

|   |  |
|---|--|
| <b>Note: Courses taken before admission to the program are not credited towards these requirements.</b> |  |
| 3.0   | JRN 300  |
| 3.0   | JRN 301  |
| 3.0   | JRN 302  |
| 3.0   | JRN 303  |
| 3.0   | JRN 304  |
| <del>3.0</del>  | <del>JRN 305</del>                             |
| <del>3.0</del>  | <del>JRN 306</del>                             |
| <del>3.0</del>  | <del>JRN 307</del>                             |
| 3.0   | JRN 308  |
| 3.0   | 300-level JRN course                           |
| 3.0   | JRN 401 or 402                                 |
| 3.0   | Two 400-level JRN courses                      |
| 3.0   |  |
| <del>3.0</del>  | Five <del>Two</del> -additional electives      |
| <del>3.0</del>  |  |
| <del>3.0</del>  |  |
| 3.0   |  |
| 15.0  |  |
| <b>60.0</b>   | <b>Total: 65% PGPA &amp; 60% UGPA required</b> |

### 9.22.6 COURSE SEQUENCING

All students will take the following courses in the first ~~semester~~ term: JRN 300, 301, 302, 303, and 304; and the following courses in ~~either~~ the second ~~or the third semester~~ term: JRN ~~305, 306, 307,~~ 308, and ~~one~~ 300-level JRN elective and two additional JRN electives or general electives. ~~3 credit hours of journalism electives at the 300 level.~~ The internship is designated JRN 400.

Internships are offered in the ~~Winter, Summer, or Fall semesters~~ terms. The placement is determined by the School.

In the fourth ~~semester~~ term students are required to take 9 or more credit hours of journalism electives at the 400 level which must include JRN 401 or 402. The remaining electives may be taken outside the School of Journalism.

(end of motion 1)

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## 1.2 Department of Justice Studies

### **MOTION 2: Certificate Deletion**

To delete the Advanced Certificate in Criminal Justice (Saskatchewan Ministry of Corrections and Policing, Community Youth Worker), effective 201820.

#### ~~Advanced Certificate in Criminal Justice~~

~~(Saskatchewan Ministry of Corrections and Policing, Community Youth Worker)~~

~~The Advanced Certificate in Criminal Justice (Saskatchewan Ministry of Corrections and Policing, Community Youth Worker) provides the equivalent of the concentration in Criminal Justice (Saskatchewan Ministry of Corrections and Policing) to holders of a Bachelor of Human Justice. Students holding a BHJ awarded in Fall 1998 or later complete any remaining requirements of the BHJ with the concentration in Criminal Justice (Saskatchewan Ministry of Justice) as outlined below. Holders of a BHJ awarded prior to Fall 1998 by the Faculty of Social Work must also fulfill any outstanding Arts course requirements in addition to the courses required for the Certificate;~~

~~specific courses to be completed will be determined by the Arts Student Services Office, in consultation with the Department of Justice Studies.~~

~~The minimum program GPA for graduation is 65%. To meet the residency requirements, JS 490, as well as at least four additional JS courses must be completed at the University of Regina. Students completing the requirements for the certificate as part of their BHJ program must apply for graduation within one year of the degree being awarded.~~

~~Students completing the requirements for the certificate as part of their BHJ program must apply for graduation within one year of the degree being awarded.~~

| Credit hours | Advanced Certificate in Criminal Justice (Saskatchewan Ministry of Corrections and Policing), required courses   |
|--------------|--|
| 0.0          | ARTS 099   |
| 3.0          | JS 100   |
| 3.0          | JS 230   |
| 3.0          | JS 240   |
| 3.0          | JS 276 or PHIL 276   |
| 3.0          | JS 280   |
| 3.0          | One of: ANTH 333; INDG 280, 281, or 282; PSYC 204; SOC 404; SQST 201 or 203; STAT 100 and 200  |
| 3.0          | JS 316   |
| 3.0          | JS 342   |
| 3.0          | Three of JS 313, 318, 332, 341, 350, 370, any 400-level JS course  |
| 3.0          |  |
| 3.0          |  |
| 9.0          | JS 490 Must be in the corrections field to meet the requirements for employment in youth probation services with the Ministry of Corrections and Policing. Those who have completed their advanced practicum in a different field may be allowed to substitute additional course work. Please consult the Department of Justice Studies. |
| 3.0          | JS 492   |
| <b>45.0</b>  | <b>Total: 65% PGPA required</b>  |

## Rationale

The *Concentration in Criminal Justice* afforded Human Justice students the educational qualifications for the position of *Community Youth Worker* with the *Saskatchewan Ministry of Corrections and Policing*. Students that graduated without the concentration were considered unqualified. The *Advanced Certificate in Criminal Justice* was designed to qualify Human Justice graduates for the position of *Community Youth Worker* that did not have the concentration.

The Ministry of Corrections and Policing has agreed to withdraw the *Criminal Justice Concentration* requirement for the position. As the *Advanced Certificate in Criminal Justice* is no longer required by the ministry it is no longer necessary to continue it as part of the JS program.

(end of motion 2)

### **MOTION 3: Program Revision - Concentration Deletion**

To delete the optional Bachelor of Human Justice concentrations in Criminal Justice and Social Justice, effective 201820.

#### 9.23.2.1 Concentrations

Students may select an optional concentration in either Criminal Justice (required for employment as a Community Youth Worker — probation — with the Saskatchewan Ministry of Corrections and Policing, in which case students must complete their



~~Advanced Practicum in a correctional field to meet the Ministry's requirements) or Social Justice by completing the listed courses as part of their major requirements. Alternately, students may choose to not complete a concentration.~~

| Credit Hours | Criminal Justice concentration, required courses |
|--------------|--|
| 3.0          | JS 316   |
| 3.0          | JS 332   |
| 3.0          | JS 341   |
| 3.0          | JS 342   |
| 3.0          | Any two 400-level JS courses                     |
| 3.0          |  |
| <b>18.0</b>  | <b>Subtotal: 65% major PGPA required</b>         |

**OR**

| Credit Hours | Social Justice concentration, required courses |
|--------------|--|
| 3.0          | JS 310   |
| 3.0          | JS 311   |
| 3.0          | JS 383   |
| 3.0          | JS 384   |
| 3.0          | Any two 400-level JS courses                   |
| 3.0          |  |
| <b>18.0</b>  | <b>Subtotal: 65% major PGPA required</b>       |

~~Students are strongly encouraged to take additional JS courses listed in the concentration (see above) and approved elective courses that are relevant to work in the corrections field (consult the Department of Justice Studies for further details).~~

## Rationale

The *Saskatchewan Ministry of Corrections and Policing* has agreed to withdraw the *Concentration in Criminal Justice* as an educational qualification for the position of *Community Youth Worker*. Thus, the *Criminal Justice Concentration* is no longer required to support this academic qualification for employment.

The *Social Justice Concentration* was designed as an alternative to a criminal justice concentration for those students wishing to focus their Human Justice program in social justice. As the criminal justice concentration is no longer required for employment and is recommended to be discontinued, a prescribed social justice concentration is no longer required as a countervailing option.

(end of motion 3)

### **MOTION 4: Program Revision - Bachelor of Human Justice**

To revise the Bachelor of Human Justice to require only four additional JS courses, or approved electives, instead of six, and that at least two of these be completed at the 400-level, effective 201820.

| Credit Hours                  | Bachelor of Human Justice, required courses  |
|-------------------------------|--|
| <b>Arts Core Requirements</b> |  |
| 0.0                           | ARTS 099   |
| 3.0                           | ENGL 100   |
| 3.0                           | Any course in MATH, STAT, CS (except CS 100), PHIL 150, 352, 450, 452, 460, SOST 201, ECON 224 |

| Credit Hours   | Bachelor of Human Justice, required courses   |
|--|---|
| 3.0  | Any course in ART, ARTH, INA, INAH, CTCH, MAP, FILM, MU, MUCO, MUEN, MUHI, MUTH, THAC, THDS, THEA, or THST  |
| 3.0  | Any course in ASTR, BIOL, CHEM, GEOL or PHYS that has a laboratory component, or GEOG 121   |
| 3.0  | One of: ENGL 110; RLST 245, 248; PHIL 100; SOST 110   |
| 3.0  | Two language courses (or one six-credit class) in any language other than English.  |
| 3.0  |   |
| 3.0  | Any course in ANTH, RLST (except RLST 181, 184, 186, 188, , 284, 288), GEOG 100, or 120, INDG 232, 238, 332, or 415   |
| 3.0  | Any course in HIST, CLAS 100, CATH 200, or IDS 100 or INDG 208, 210, 215, 216, 218, 219, 221, 228, 229, 230 or INDL 241, 242, or any one of INDL 240AA-ZZ   |
| 0.0  | Any course in ECON, GEOG (except GEOG 100, 120, 121, 309, 321, 323, 325, 327, 329, 333, 411, 421, 423, 429, or 431), INDG 236, 258, 305, 358, IS, JS or LING 270, PSCI, PSYC, SOC, SOST or WGST   |
| 0.0  | Any course in, INCA, INDG (except for INDG 208, 210, 215, 216, 218, 219, 221, 228, 229, 230, 232, 234, 236, 238, 258, 305, 332, 358, 432), INHS or any one of ENGL 214, 310AA- ZZ; GEOG 344; HIST 310; JS 350, 351; KIN 105; LING 230, PSCI 338 or SOC 214 or other courses approved by the Faculty of Arts as having substantial indigenous content, including special studies |
| <b>27.0</b>  | <b>Subtotal</b>   |
| <b>Major Requirements</b>  |   |
| 0.0  | JS 090  |
| 3.0  | JS 100  |
| 3.0  | JS 230  |
| 3.0  | JS 240  |
| 3.0  | JS 280  |
| 6.0  | JS 290  |
| 3.0  | JS 291  |
| 3.0  | JS 317  |
| 3.0  | JS 318  |
| 3.0  | JS 319  |
| 3.0  | JS 350  |
| 3.0  | JS 381  |
| 3.0  | PHIL 276 or JS 276  |
| 3.0  | SOST 203  |
| 3.0  | <u>Two JS courses or approved electives</u><br>Six additional JS courses required for the Concentration in Criminal Justice<br>or<br>the Concentration in Social Justice<br>or<br>open JS electives or approved electives   |
| 3.0  |   |
| 3.0  |   |
| 3.0  | <u>Two JS courses at the 400-level</u>  |
| <del>3.0</del>   |   |
| 3.0  |   |
| <del>159.0</del>   | JS 490  |
| 3.0  | JS 492  |
| <b>72.0</b>  | <b>Subtotal: 65% major GPA required</b>   |
| At least two courses in the major must be at the 400-level, in addition to JS 490 and 492. |   |

| Credit Hours          | Bachelor of Human Justice, required courses  |
|-----------------------|--|
| <b>Open Electives</b> |  |
| <b>21.0</b>           | 7 elective courses                           |
| <b>120.0</b>          | <b>Total: 65% PGPA and 60% UGPA required</b> |

**9.23.2.2 Approved electives for Human Justice major**

- BUS/ADMN 100, 250, 260, 306, 307, 308, 340, 355, 357, 358, 364, 453
- ANTH 203, 240, 302, 304, 310, 340, 343
- ECON 211, 234, 236, 237, 253, 273, 281, 311, 341, 342, 353, 354, 361, 363, 372
- EFDN 301, 303, 307, 308, 309, 311, 406,
- EPS 100
- EPSY 225, 322, 323, 324, 326, 328, 350
- GEOG 120, 210, , 303, 309, 310, 316, 322, 324, 328, 330, 338, 409, 422
  
- All HIST 100-, 200- and 300-level courses
- HUM 260
- IDS 200AA-ZZ
- INHS 100, 101, 200, 210
- INDG 200, 224, 225, 258, 301, 305, 324, 400, 421, 424, 430
- ISW 200
- JRN 310, 311, 317
- PHIL 270, 271, 272, 273, 274, 275, 276, 336
- All PSCI 200-, 300-, and 400-level courses
- PSYC 210, 220, 230, 310, 311, 330, 333, 335, 336
- RLST 258, 267, 275, 301, 311, 313, 319, 322, 332, 334, 341, 342, 377, 407AA-ZZ
- SOC 201, 202, 203, 205AA-ZZ, 208, 210, 211, 212, 213, 217, 222, 300, 301, 308, 312, 314, 315, 320, 450, 460, 480, SOST 220
- SRS 215, 220, 340, 360
- STS 100, 400
- All SW courses, except SW 348, 448, 458
- THRC 340, 345
- Other courses will be considered on request

NOTE: JS students must observe all course prerequisites and registration restrictions as outlined in the calendar and/or the course schedule when registering in these courses.

**Rationale**

This updates the program requirements to reflect the deletion of the two concentrations, and the increased credit hours proposed for JS 490.

(end of motion 4)

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## 2. Faculty of Education

### **MOTION 5: New Program - Certificate of Extended Studies in Early Childhood Education**

That the following Certificate of Extended Studies in Early Childhood Education be approved, effective 201830.

#### **Certificate of Extended Studies in Early Childhood Education**

|   |                    |
|---|--------------------|
| <b>Required Courses</b> (Choose 5 courses from this list)         |                    |
| ECE 200   |                    |
| ECE 325   |                    |
| ECE 400   |                    |
| ECE 435   |                    |
| ECE 445   |                    |
| ECE 200-400 level   |                    |
| <b>Approved Elective List A</b> (Choose 3 courses from this list) |                    |
| EAE 201   | EFDN 309           |
| ECE 200-400 level   | ELIT 101           |
| ECCU 200  | ELNG 200           |
| ECCU 400  | ELNG 326           |
| EDAN 301  | EMTH 325           |
| EDRA 101  | EMTH 425           |
| EFDN 306  | EMUS 320           |
| EFDN 308  | EPSY 323           |
| <b>Approved Elective List B</b> (Choose 1 courses from this list) |                    |
| EFDN 306  | PSYC 101           |
| EFDN 308  | PSYC 102           |
| EFDN 309  | PSYC 210           |
| EPSY 200-499 level  | SOC 208            |
| JS 100  | SOC 212            |
| JS 280  | SOC 213            |
| KIN 120   | SW 100             |
| KIN 180   | WGST 200           |
| <b>Approved Elective List C</b> (Choose 1 courses from this list) |                    |
| ART 100-400 level   | MU 100-400 level   |
| CTCH 100-400 level  | THEA 100-400 level |
| INA 100-400 level   | THAC 100-400 level |
| MAP 100-400 level   |                    |
| <b>TOTAL: 30 credit hours</b>                                     |                    |

#### **QUALIFICATIONS FOR ADMISSION IN THE CERTIFICATE OF EXTENDED STUDIES IN EARLY CHILDHOOD EDUCATION**

Applicants to the Certificate of Extended Studies in Early Childhood Education program must have an approved Bachelor of Education (B.Ed.) degree with a minimum 65.00% UGPA or applicants may complete the certificate concurrent with their B.Ed. program at the University of Regina.

#### **GRADUATION REQUIREMENTS FOR THE CERTIFICATE OF EXTENDED STUDIES IN EARLY CHILDHOOD EDUCATION**

The graduation requirement for the 30 credit hour program is 65% as per the Calendar 11.5.2.1.

#### **Rationale**

The 30 credit hour Certificate offers teachers, educators, and those individuals who are employed in other helping professions, the opportunity to develop or further enhance their knowledge and skills as related to early childhood education. It is intended for teachers and early childhood educators who wish to fulfill specific employment requirements, augment or expand their understandings of the field of early childhood, or seek career advancement through further studies.

Recently the Early Learning Branch of the Ministry of Education of Saskatchewan worked with Saskatchewan Professional Teachers Regulatory Board (SPTRB) to mandate that all teachers assigned to teach in the pre-kindergarten and kindergarten area have a prescribed number of credit hours in early childhood education. They also have established required credentials for the purposes of certification for early childhood educators. This certificate would meet and exceed those requirements.

More importantly, extensive research in the field of early childhood development and education generally has found that the most important years of development and learning happen from birth to 8 years of age (Gopnik, 2009; Lewis, 2007; Piaget, 1951; Roopnarine et al, 2013; Vygotsky, 2002). Consequently, it is vitally important that teachers and early childhood educators have easy access to quality professional learning programs that enhance their understanding of, and practice with, young children.

The structure of the certificate program would offer teachers, educators, and others working in the helping professions a holistic approach to professional learning and development in early childhood education. Courses on the topics of approaches to play, trauma informed practice, the arts, expressive art therapies, early literacies, as well as supporting elective courses are all included in the program.

(end of motion 5)

**MOTION 6: New Program - Certificate of Early Childhood Teachers and Helping Professions**

That the following Certificate of Early Childhood Teachers and the Helping Professions be approved, effective 201830.

**Certificate in Early Childhood Teachers and the Helping Professions**

|   |          |
|---|----------|
| <b>Required Courses</b> (Choose 3 courses from this list)         |          |
| ECE 435   |          |
| ECE 200-400 level   |          |
| <b>Approved Elective List A</b> (Choose 2 courses from this list) |          |
| EAE 201   | JS 280   |
| ECE 200-400 level   | SOC 208  |
| ECS 110   | SOC 212  |
| EFDN 306  | SOC 213  |
| EFDN 308  | SW 427   |
| EFDN 309  | WGST 200 |
| EPSY 217  |          |
| <b>TOTAL: 15 credit hours</b>                                     |          |

Students must meet the following criteria to obtain a Certificate in Early Childhood Teachers and the Helping Professions:

1. The student must hold a BEd or its equivalent to be admitted to the program.
2. The student must complete 30 additional credit hours for the CESIE beyond their degree(s).
3. Transfer Credits from Other Institutions: Students accepted into a CCE program will be permitted to transfer only those courses that meet program requirements See 18.2.3.2.
4. Decisions involving course work to be considered for substitution will be made by CCE, based on the approved list of courses from the Faculty of Education. Education will assist CCE to determine if the courses were used for the degree.
5. Outdated courses: Please refer to 11.7.5.

## Rationale

The 15 credit hour certificate offers teachers, educators, and those individuals who are employed in the helping professions the opportunity to advance their professional learning. Learning through a holistic lens, they will develop knowledge and skills which they can then apply to the specific context of their practice.

It is intended for early childhood educators, teachers, and those in the helping professions who wish to enhance their understanding not only of early childhood development and learning, but also of aspects such as play, the arts, expressive art therapies, trauma informed practice, and early literacies.

Early childhood educators, teachers, and other individuals who work in the helping professions often require further professional learning and development as part of their licensing or certification requirements as well as for career mobility. This certificate would meet those requirements in addition providing a bridging/laddering for those who wish to pursue further studies in the university, including teacher education.

It is important to note that extensive research in the field of early childhood development and education generally has found that the most important years of development and learning happen from birth to 8 years of age (Gopnik, 2009; Lewis, 2007; Piaget, 1951; Roopnarine et al, 2013; Vygotsky, 2002). Consequently, it is vitally important that early childhood educators, teachers, and those in the helping professions have easy access to quality professional learning programs that enhance their understanding of, and practice with, young children.

The structure of the certificate program would offer teachers, educators, and others working in the helping professions a holistic approach to professional learning and development in early childhood education. Courses on the topics of approaches to play, trauma informed practice, the arts, expressive art therapies, early literacies, as well as supporting elective courses are all included in the program.

(end of motion 6)

### **MOTION 7: Policy/Standards Revision - Part-time Registration/Leave of Absence Request**

That the policy for requesting part-time registration be revised in the Education section of the Undergraduate Calendar, effective 201830.

#### 11.5.2 PROGRESS IN THE PROGRAM

##### **Request for Part-time Status in a Teacher Education Program**

Students must register in full-time studies for consecutive fall and winter semesters, in the courses required for their program, and until their program is completed. Students who wish to take part-time studies for one or more semesters must apply, in writing, to the Associate Dean (Student Services and Undergraduate Programs) or the Department Head of Indigenous Education, First Nations University of Canada, for a part-time status. Students must apply in writing to the Associate Dean for a leave of absence. Normally, leaves are granted for one or two semesters. Notice of the decision will be given in writing. If the request is denied, or students otherwise wish to discontinue studies in their program, they may choose to withdraw voluntarily by providing written notice to the Faculty of Education Student Program Centre or First Nations University of Canada. Students who have voluntarily withdrawn may later apply for readmission to their original program in competition with first-time applicants. Students who are part-time and do not advise the faculty of their intention to return to full-time studies will be formally required to discontinue from the faculty. Normally, part-time status is not granted in years 3 and 4 of the undergraduate program or the After-Degree program.

**Request for Part-time Status in Education Pre-internship**

Students who wish to take part-time studies in pre-internship must apply, in writing, to the Associate Dean (Student Services and Undergraduate Programs) or the Department Head of Indigenous Education, First Nations University of Canada, for a part-time status.

**Request for Leave of Absence in Education**

Students must apply in writing to the Associate Dean for a leave of absence. Normally, leaves are granted for one or two semesters. Notice of the decision will be given in writing. If the request is denied, or students otherwise wish to discontinue studies in their program, they may choose to withdraw voluntarily by providing written notice to the Faculty of Education or First Nations University of Canada. Students who have voluntarily withdrawn may later apply for readmission to their original program.

**Rationale**

To accommodate continual evaluation of applications to the Faculty of Education. This proposal provides flexibility to admit students though out the year. Increasingly students request a part-time registration status which this change will allow.

(end of motion 7)

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|  |
|--|
| <b>MOTION 8: Program Revision - the Secondary First Nations Language Minor<br/>Renewal</b> |
|--|

|   |
|---|
| To revise the Secondary First Nations Language Minor (EFNL) as follows, effective 201830. |
|---|

**11.15.7 SECONDARY FIRST NATIONS LANGUAGE MINOR (EFNL)**

1. EINL 225 / EINL 325
2. EINL 325
- 2- 3. EINL 335
3. 4. CREE 202 / SAUL 202
4. ~~CREE 205 / SAUL 305~~
5. CREE 230 / SAUL 230
6. ~~CREE 340 / SAUL 340~~
7. HUM 250 / HUM 251

**Rationale**

The old program included HUM 250/251 and this course has been made historical. CREE/SAUL 205 and CREE/SAUL 340 are also no longer offered. The renewed program supports language content acquisition, and language pedagogy; the reduction to five courses is consistent with teacher certification requirements for a minor.

(end of motion 8)

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### 3. Faculty of Engineering and Applied Science

**MOTION 9: Policy/Standards Revision - Change to Undergraduate Calendar Wording**

To approve changes to the Undergraduate Calendar wording on page 19 as follows, effective 201820.

2. Admission, Re-Admission, Faculty Transfer, and Recognition of Prior Learning

Engineering and Applied Science

Applicants who have attempted ~~more than~~ 12 credit hours or more of approved post-secondary work and have a minimum UGPA of 60% will be accepted to the Engineering General program

**Rationale**

Previous wording was incorrect for intention of policy.

Effective: S/S 2018

(end of motion 9)

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**MOTION 10: Policy/Standards Revision - Change to Undergraduate Calendar Wording**

To add the option of running a tutorial in ENEL 282, effective 201820.

**Rationale**

ESE would like to officially run a tutorial section in 201820, and it does not appear that the system is setup to allow for a tutorial to be held. Note that the course instructor of ENEL 282 ran an unscheduled tutorial in 201720.

Effective: S/S 2018

(end of motion 10)

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**MOTION 11: Policy/Standards Revision - Additions to Natural Science Elective List for ESE Program**

To add biochemistry to the list of Natural Science electives for the ESE program, effective 201820.

Natural Science Elective (choose one): from astronomy, biochemistry, biology, chemistry, geology, and physics,



### Rationale

Biochemistry is a natural science. Also, ESE had a student take a biochemistry course as their natural science elective.

Effective: S/S 2018

(end of motion 11)

### **MOTION 12: Program Revision - Additions to Natural Science Elective List for ESE Program**

To include ENGG 411 in EVSE electives, effective 201820.

\* Approved Electives (these electives may not be offered regularly):

Choose at least three from the following: ENEV 465, ENEV 475, ENEV 484, ENEV 463, ENEV 408, ENGG 411, ENIN 350, ENIN 453, ENIN 455, ENPE 490

Rationale: To provide an opportunity to students to get basic understanding of safety systems in engineering practice.

Effective: S/S 2018

(end of motion 12)

### **MOTION 13: Program Revision - Approval of Curriculum Changes**

To approve the curriculum changes as outlined below, effective 201830.

| Credit hours | BASc in Electronic Systems Engineering, required courses |
|--------------|--|
|              | <b>Term 1 (Fall)</b>                                     |
| 3.0          | CHEM 104   |
| 3.0          | ENGG 123   |
| 3.0          | MATH 122   |
| 3.0          | <del>PHYS 109</del> <b>ENGG 140</b>                      |
| 3.0          | MATH 110   |
|              | <b>Term 2 (Winter)</b>                                   |
| 3.0          | CS 110   |
| 3.0          | ENGG 100   |
| 3.0          | ENGL 100   |
| 3.0          | MATH 111   |
| 3.0          | PHYS 119   |
|              | <b>Term 3 (Fall)</b>                                     |
| 3.0          | MATH 217   |
| 3.0          | CS 115   |
| 3.0          | ENEL 280   |
| 3.0          | ENEV 223   |
| 3.0          | <del>ENGG 240</del> <b>PHYS 112</b>                      |

| <b>Credit</b> | <b>BASc in Environmental Systems Engineering, required</b> |
|---------------|--|
|               | <b>Term 1 (Fall)</b>                                       |
| 3.0           | CHEM 104   |
| 3.0           | ENGG 123   |
| 3.0           | MATH 122   |
| 3.0           | <del>PHYS 109</del> <b>ENGG 140</b>                        |
| 3.0           | MATH 110   |
|               | <b>Term 2 (Winter)</b>                                     |
| 3.0           | CS 110   |
| 3.0           | ENGG 100   |
| 3.0           | ENGL 100   |
| 3.0           | MATH 111   |
| 3.0           | PHYS 119   |
|               | <b>Term 3 (Fall)</b>                                       |
| 3.0           | CHEM 140   |
| 3.0           | ENEV 223   |
| 3.0           | <del>ENGG 240</del> <b>ENGG 141</b>                        |
| 3.0           | GEOL 102   |
| 3.0           | ENEV 372   |

| <b>Credit</b> | <b>BASc in Industrial Systems Engineering, required courses</b> |
|---------------|---|
|               | <b>Term 1 (Fall)</b>  |
| 3.0           | CHEM 104  |
| 3.0           | ENGG 123  |
| 3.0           | MATH 122  |
| 3.0           | <del>PHYS 109</del> <b>ENGG 140</b>                             |
| 3.0           | MATH 110  |
|               | <b>Term 2 (Winter)</b>  |
| 3.0           | CS 110  |
| 3.0           | ENGG 100  |
| 3.0           | ENGL 100  |
| 3.0           | MATH 111  |
| 3.0           | PHYS 119  |
|               | <b>Term 3 (Fall)</b>  |
| 3.0           | ENEL 280  |
| 3.0           | ENEV 223  |
| 3.0           | <del>ENGG 240</del> <b>ENGG 141</b>                             |
| 3.0           | MATH 217  |
| 3.0           | *Natural Science Elective                                       |

| <b>Credit</b> | <b>BASc in Petroleum Systems Engineering, required courses</b> |
|---------------|--|
|               | <b>Term 1 (Fall)</b>   |
| 3.0           | CHEM 104   |
| 3.0           | ENGG 123   |
| 3.0           | MATH 122   |
| 3.0           | <del>PHYS 109</del> <b>ENGG 140</b>                            |
| 3.0           | MATH 110   |
|               | <b>Term 2 (Winter)</b>   |
| 3.0           | CS 110   |
| 3.0           | ENGG 100   |
| 3.0           | ENGL 100   |
| 3.0           | MATH 111   |
| 3.0           | PHYS 119   |
|               | <b>Term 3 (Fall)</b>   |
| 3.0           | <del>ENGG 240</del> <b>ENGG 141</b>                            |

|     |          |
|-----|----------|
| 3.0 | ENEL 280 |
| 3.0 | ENPE 241 |
| 3.0 | GEOL 102 |

| Credit | BASc in Software Systems Engineering, required courses |
|--------|--|
|        | <b>Term 1 (Fall)</b>                                   |
| 3.0    | CHEM 104   |
| 3.0    | ENGG 123   |
| 3.0    | MATH 122   |
| 3.0    | <del>PHYS 109</del> <b>ENGG 140</b>                    |
| 3.0    | MATH 110   |
|        | <b>Term 2 (Winter)</b>                                 |
| 3.0    | CS 110   |
| 3.0    | ENGG 100   |
| 3.0    | ENGL 100   |
| 3.0    | MATH 111   |
| 3.0    | PHYS 119   |
|        | <b>Term 3 (Fall)</b>                                   |
| 3.0    | ENEV 223   |
| 3.0    | CS 115   |
| 3.0    | ENEL 280   |
| 3.0    | MATH 217   |
| 3.0    | <del>ENGG 240</del> <b>PHYS 112</b>                    |

### Rationale

With the proposed motion 3 to re-introduce Engg 140 and 141, the curriculum in semesters through 2 must be revised. The proposal is ENGG 140 will be a semester 1 course which can be offered at least 2 times per academic year. EVSE, ISE, and PSE will take ENGG 141 in semester 3. ESE and SSE will include PHYS 112 in semester 3 to ensure adequate natural science AUs. The pre-requisite for PHYS 112 will need to be altered, it currently reads PHYS 111 (recommended) or 109, and MATH 105 or 110 (may be taken concurrently).

### Effective Term: Fall 2018

(end of motion 13)

### **MOTION 14: Revision of the Faculty Regulations on Academic Performance**

To approve the revision of the Faculty regulations on academic performance, effective 201830.

#### 12.5.2 PROBATION AND DISCONTINUANCE

**University regulations governing academic performance apply to Engineering students (see §5.12 5.13).**

##### 12.5.2.1 Faculty Regulations

The Faculty of Engineering and Applied Science evaluates academic performance each semester.

~~Starting from the completion of first full-time semester (with at least nine credit hours), students are expected to maintain a PGPA of at least 60.00%. Those whose PGPA falls below 60.00% will be placed on faculty probation (faculty probation does not appear on~~

~~official transcripts). Their next academic semester will be considered to be a probationary semester, during which they may take any courses for which they have the prerequisites, and must achieve a TGPA of at least 60.00%. Students who do not achieve the 60% TGPA and who still have a PGPA of less than 60.00% are required to discontinue (Faculty RTD) for at least 2 semesters from the Faculty of Engineering and Applied Science.~~

~~Students on faculty probation who achieve the 60.00% TGPA but who still have a PGPA of less than 60.00% will remain on faculty probation. Students will be reviewed at the end of their next academic semester subject to the faculty probation conditions outlined above. Students will be permitted two continuations of their probationary semesters to increase their PGPA to the required minimum of 60.00%. Failure to achieve this minimum in three probationary semesters will result in a required to discontinue for at least two semesters from the Faculty.~~

Students may be required to discontinue from the Faculty for a period of eight months (two semesters) if a course is failed more than once with the exception of ENGL 100. See §5.12.6.6.

Students may also be required to discontinue from the Faculty at any time for unacceptable professional conduct. Refer also to §5.1,3 Discipline.

~~Notification of a requirement to discontinue will be issued no later than one week after the start of lectures and students who are required to discontinue studies will have their registration in academic courses cancelled immediately.~~

Students must repeat all required courses in which they have a grade of less than 50% (failed course).

When calculating a student's average, the Faculty will use the last grade obtained for all repeated courses (see §5.12 5.14).

If an IN is not completed by the end of the following semester, an NP will be assigned.

Averages are calculated to 2 decimal points. The calculation is not rounded but is truncated to 2 decimal points.

These decisions can be appealed to the Faculty's Student Appeals Committee. Refer to §12.8 for procedures.

### **12.5.2.2 Re-Admission and Transfer following an RTD**

Students who have been required to discontinue under the Faculty regulations may petition for re-admission after they have discontinued studies for the required period, or may petition for transfer to another faculty (see §2.7).

## **12.7 OTHER FACULTY REGULATIONS**

### **12.7.1 REPEATING COURSES**

~~Refer also to §5.11. Students are permitted to repeat a maximum of 15 credit hours of courses in which they obtained a grade of 50% or higher.~~

Students may be required to discontinue from the Faculty for a period of eight months (two semesters) if a course is failed more than once with the exception of ENGL 100. See §5.12.6.6.

## Rationale

The proposed regulations on academic performance will simplify the regulations to follow the general University policy on must withdraw. Currently, two slightly different types of actions can be confusing for students and have a more negative impact on first year students.

- a) Starting from the completion of first full-time semester (with at least nine credit hours), students are expected to maintain a PGPA of at least 60%. Those whose PGPA falls below 60% will be placed on faculty probation (faculty probation does not appear on official transcripts). Their next academic semester will be considered to be a probationary semester, during which they may take any courses for which they have the prerequisites, and must achieve a TGPA of at least 60%. Students who do not achieve the 60% TGPA and who still have a PGPA of less than 60% are required to discontinue (Faculty RTD) for at least 2 semesters from the Faculty of Engineering and Applied Science.
- b) Students on faculty probation who achieve the 60% TGPA but who still have a PGPA of less than 60% will remain on faculty probation. Students will be reviewed at the end of their next academic semester subject to the faculty probation conditions outlined above. Students will be permitted two continuations of their probationary semesters to increase their PGPA to the required minimum of 60%. Failure to achieve this minimum in three probationary semesters will result in a required to discontinue for at least two semesters from the Faculty.

Regulations in (a) has a negative impact on our first year students as we currently RTD if their TGPA is below 60 in both terms 1 & 2. For (b) these regulations were used before the university changed to MW regulations and are confusing to the students and unnecessary to have 2 types of actions that are similar. The University MW policy can be referred to in 12.5.2

**Effective term: FALL 2018**

(end of motion 14)

### **MOTION 15: Revision to the Curriculum – STAT 160 Replaced with STAT 289**

To approve the revision to the curriculum to replace STAT 160 with STAT 289, effective 201830.

## **STAT 160 Introduction to Statistics**

### **Course catalogue description:**

A comprehensive introduction to probability, probability distributions, sampling distributions, basic techniques of statistical inference, analysis of variance, linear regression, inference for categorical variables, and nonparametric statistics.

\*\*\*Prerequisite: Precalculus 30, or MATH B30 and MATH C30, or MATH 127\*\*\*

\*Note: STAT 160 is designed to provide a comprehensive single semester introduction to statistical techniques and is intended for students majoring in statistics, actuarial

science, or any other program requiring a detailed knowledge of statistics. Students who receive credit for STAT 160 may not receive credit for STAT 100 or STAT 200\*

0.000 OR 3.000 Credit hours

0.000 OR 3.000 Lecture hours

0.000 OR 1.000 Lab hours

Levels: Undergraduate

Schedule Types: Lecture, Lab, Examination

There has been a request to consider reviewing STAT 160 as the required course in programs. STAT 289 was the previous course with topics focused on engineering, please find below the course description. Math has indicated that they would be willing to offer this course if brought back into the Engineering curriculum.

**STAT 289 Statistics & Numerical Analysis for Engineers**

Probability; distributions, confidence levels, standard deviations; linear regression, statistical test, finite differences, errors, numerical solutions of equations; numerical differentiation and integration.

\*\*\*Prerequisite: Math 111 with grade of at least 60%\*\*\*

\*Note: Designed for engineering students. Students who received credit for STAT 289 may not receive credit for Stat 100, 160, or 200.

## ESE:

| Credit hours | BASc in Electronic Systems Engineering, required courses | Student's record of courses completed |
|--------------|--|---------------------------------------|
|              | <b>Semester 1 (Fall)</b>                                 |                                       |
| 3.0          | CHEM 104   |                                       |
| 3.0          | ENGG 123   |                                       |
| 3.0          | MATH 122   |                                       |
| 3.0          | PHYS 109   |                                       |
| 3.0          | MATH 110   |                                       |
|              | <b>Semester 2 (Winter)</b>                               |                                       |
| 3.0          | CS 110   |                                       |
| 3.0          | ENGG 100   |                                       |
| 3.0          | ENGL 100   |                                       |
| 3.0          | MATH 111   |                                       |
| 3.0          | PHYS 119   |                                       |
|              | <b>Semester 3 (Fall)</b>                                 |                                       |
| 3.0          | MATH 217   |                                       |
| 3.0          | CS 115   |                                       |
| 3.0          | EDEL 280   |                                       |
| 3.0          | ENEV 223   |                                       |
| 3.0          | ENGG 240   |                                       |
|              | <b>Semester 4 (Winter, Spring/Summer)</b>                |                                       |
| 3.0          | CS 210   |                                       |
| 3.0          | EDEL 282   |                                       |
| 3.0          | EDEL 281   |                                       |
| 3.0          | MATH 213   |                                       |
| 3.0          | <del>STAT 100</del> STAT 289                             |                                       |

## EVSE:

| Credit hours | BASc in Environmental Systems Engineering, required courses | Student's record of courses completed |
|--------------|---|---------------------------------------|
|              | <b>Semester 1 (Fall)</b>                                    |                                       |
| 3.0          | CHEM 104  |                                       |
| 3.0          | ENGG 123  |                                       |
| 3.0          | MATH 122  |                                       |
| 3.0          | PHYS 109  |                                       |
| 3.0          | MATH 110  |                                       |
|              | <b>Semester 2 (Winter)</b>                                  |                                       |
| 3.0          | CS 110  |                                       |
| 3.0          | ENGG 100  |                                       |
| 3.0          | ENGL 100  |                                       |
| 3.0          | MATH 111  |                                       |
| 3.0          | PHYS 119  |                                       |
|              | <b>Semester 3 (Fall)</b>                                    |                                       |
| 3.0          | CHEM 140  |                                       |
| 3.0          | ENEV 223  |                                       |
| 3.0          | ENGG 240  |                                       |
| 3.0          | GEOL 102  |                                       |
| 3.0          | ENEV 372  |                                       |
|              | <b>Semester 4 (Winter, Spring/Summer)</b>                   |                                       |
| 3.0          | ECON 201  |                                       |
| 3.0          | Humanities Elective   |                                       |
| 3.0          | ENIN 241  |                                       |
| 3.0          | MATH 213  |                                       |
| 3.0          | <del>STAT 100</del> STAT 289                                |                                       |

ISE:

| Credit hours | BASc in Industrial Systems Engineering, required courses | Student's record of courses completed |
|--------------|--|---------------------------------------|
|              | <b>Semester 1 (Fall)</b>                                 |                                       |
| 3.0          | CHEM 104   |                                       |
| 3.0          | ENGG 123   |                                       |
| 3.0          | MATH 122   |                                       |
| 3.0          | PHYS 109   |                                       |
| 3.0          | MATH 110   |                                       |
|              | <b>Semester 2 (Winter)</b>                               |                                       |
| 3.0          | CS 110   |                                       |
| 3.0          | ENGG 100   |                                       |
| 3.0          | ENGL 100   |                                       |
| 3.0          | MATH 111   |                                       |
| 3.0          | PHYS 119   |                                       |
|              | <b>Semester 3 (Fall)</b>                                 |                                       |
| 3.0          | ENEL 280   |                                       |
| 3.0          | ENEV 223   |                                       |
| 3.0          | ENGG 240   |                                       |
| 3.0          | MATH 217   |                                       |
| 3.0          | *Natural Science Elective                                |                                       |
|              | <b>Semester 4 (Winter, Spring/Summer)</b>                |                                       |
| 3.0          | ENIN 233   |                                       |
| 3.0          | ENIN 241   |                                       |
| 3.0          | MATH 213   |                                       |
| 3.0          | <del>STAT 169</del> STAT 289                             |                                       |

PSE:

| Credit hours | BASc in Petroleum Systems Engineering, required courses | Student's record of courses completed |
|--------------|---|---------------------------------------|
|              | <b>Semester 1 (Fall)</b>                                |                                       |
| 3.0          | CHEM 104  |                                       |
| 3.0          | ENGG 123  |                                       |
| 3.0          | MATH 122  |                                       |
| 3.0          | PHYS 109  |                                       |
| 3.0          | MATH 110  |                                       |
|              | <b>Semester 2 (Winter)</b>                              |                                       |
| 3.0          | CS 110  |                                       |
| 3.0          | ENGG 100  |                                       |
| 3.0          | ENGL 100  |                                       |
| 3.0          | MATH 111  |                                       |
| 3.0          | PHYS 119  |                                       |
|              | <b>Semester 3 (Fall)</b>                                |                                       |
| 3.0          | ENGG 240  |                                       |
| 3.0          | ENEL 280  |                                       |
| 3.0          | ENPE 241  |                                       |
| 3.0          | GEOL 102  |                                       |
| 3.0          | MATH 217  |                                       |
|              | <b>Semester 4 (Winter, Spring/Summer)</b>               |                                       |
| 3.0          | ECON 201  |                                       |
| 3.0          | ENIN 233  |                                       |
| 3.0          | ENPE 251  |                                       |
| 3.0          | MATH 213  |                                       |
| 3.0          | <del>STAT 169</del> STAT 289                            |                                       |



SSE:

| Credit hours | BASc in Software Systems Engineering, required courses | Student's record of courses completed |
|--------------|--|---------------------------------------|
|              | <b>Semester 1 (Fall)</b>                               |                                       |
| 3.0          | CHEM 104   |                                       |
| 3.0          | ENGG 123   |                                       |
| 3.0          | MATH 122   |                                       |
| 3.0          | PHYS 109   |                                       |
| 3.0          | MATH 110   |                                       |
|              | <b>Semester 2 (Winter)</b>                             |                                       |
| 3.0          | CS 110   |                                       |
| 3.0          | ENGG 100   |                                       |
| 3.0          | ENGL 100   |                                       |
| 3.0          | MATH 111   |                                       |
| 3.0          | PHYS 119   |                                       |
|              | <b>Semester 3 (Fall)</b>                               |                                       |
| 3.0          | ENEV 223   |                                       |
| 3.0          | CS 115   |                                       |
| 3.0          | ENEL 280   |                                       |
| 3.0          | MATH 217   |                                       |
| 3.0          | ENGG 240   |                                       |
|              | <b>Semester 4 (Winter, Spring/Summer)</b>              |                                       |
| 3.0          | CS 210   |                                       |
| 3.0          | ENEL 282   |                                       |
| 3.0          | ENEL 281   |                                       |
| 3.0          | MATH 213   |                                       |
| 3.0          | <del>STAT 100</del> STAT 289                           |                                       |

**Rationale**

STAT289 provides fundamental knowledge required by students as they progress in the program.

**Effective term: FALL 2018**

(end of motion 15)

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#### 4. Faculty of Science

##### 4.1 Department of Economics, in conjunction with the Faculty of Science

###### **MOTION 16: Program Revision**

To revise the BA Honours and BSc Honours majors in Economics to require ECON 307 and ECON 310 in lieu of ECON 308 and 309, AND to remove 396 and 496 from the list of “One of ECON 311, 341, 353, 354, 361, 363, 364, 372,” effective 201820.

##### 9.15.10 BSC HONOURS MAJOR IN ECONOMICS

| <b>Credit hours</b> | <b>BSc Economics Honours major, required courses</b>                               | <b>Student's record of courses completed</b> |
|---------------------|--|--|
| 3.0                 | ECON 201   |  |
| 3.0                 | ECON 202   |  |
| 3.0                 | ECON 224   |  |
| 3.0                 | ECON 280   |  |
| 3.0                 | ECON 301   |  |
| 3.0                 | ECON 302   |  |
| 3.0                 | ECON 307   |  |
| <del>3.0</del>      | <del>ECON 308</del>  |  |
| <del>3.0</del>      | <del>ECON 309</del>  |  |
| 3.0                 | ECON 310   |  |
| 3.0                 | ECON 321   |  |
| 3.0                 | ECON 322   |  |
| 3.0                 | One of ECON 311, 341, 353, 354, 361, 363, 364, 372, <del>396, 496</del>            |  |
| 3.0                 | ECON 401   |  |
| 3.0                 | ECON 402   |  |
| 3.0                 | ECON 480 (with a grade of at least 75%)  |  |
| 3.0                 | ECON 499   |  |
| 3.0                 | Two STAT courses above 200 or MATH courses above 110 (except for MATH 124 and 127) |  |
| 3.0                 | STAT 160 or STAT 200   |  |
| 3.0                 | CS 110   |  |
| 3.0                 | MATH 103 or 110  |  |
| <b>60.0</b>         | <b>Subtotal: 75% 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                                      |  |
| 3.0                 | Natural Science elective   |  |
| 3.0                 | Natural Science elective   |  |
| 3.0                 | Science elective (not ECON)  |  |

|              |  |  |
|--------------|--|--|
| 3.0          | Science elective (not ECON)                            |  |
| 3.0          | Science, Arts, or Media, Art, and Performance elective |  |
| 3.0          | Science, Arts, or Media, Art, and Performance 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  |  |
| 3.0          | Open elective  |  |
| <b>120.0</b> | <b>Total: 70% program GPA &amp; 60% UGPA required</b>  |  |

### Rationale

Replacing Econ 308 with Econ 310 and Econ 309 with 307 in the ECON Honours programs ensures broader coverage of relevant topics in the intermediate macro/micro level. Such coverage is consistent with other programs across Canadian Universities. Please refer to changes shown in the UG Calendar Sections 9.15.3 and 19.15.10, respectively.

(end of motion 16)

### **MOTION 17: Program Revision**

To revise the BSc Major in Economics and the BSc Combined Major in Statistics and Economics to require ECON 307 and ECON 310 in lieu of "Two of ECON 308, 309, 401, 402," effective 201820.

#### 9.15.9 BSC MAJOR IN ECONOMICS

| Credit hours | BSc Economics major, required courses  | Student's record of courses completed |
|--------------|--|---------------------------------------|
| 3.0          | ECON 201   |                                       |
| 3.0          | ECON 202   |                                       |
| 3.0          | STAT 160 or STAT 200   |                                       |
| 3.0          | ECON 301   |                                       |
| 3.0          | ECON 302   |                                       |
| <u>3.0</u>   | <u>ECON 307</u>  |                                       |
| <u>3.0</u>   | <u>ECON 310</u>  |                                       |
| 3.0          | ECON 321   |                                       |
| 3.0          | ECON 322   |                                       |
| 3.0          | Two STAT courses above 200 or MATH courses above 110 (except for MATH 124 and 127) |                                       |
| 3.0          | ECON course  |                                       |
| 3.0          | ECON course  |                                       |

| <b>Credit hours</b> | <b>BSc Economics major, required courses</b>           | <b>Student's record of courses completed</b> |
|---------------------|--|--|
| 3.0                 | Two of: ECON 308, 309, 401, 402                        |  |
| 3.0                 |  |  |
| 3.0                 | 300- or 400-level ECON                                 |  |
| 3.0                 | CS 110   |  |
| 3.0                 | MATH 103 or 110  |  |
| <b>48.0</b>         | <b>Subtotal: 65% 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          |  |
| 3.0                 | Natural Science elective                               |  |
| 3.0                 | Natural Science elective                               |  |
| 3.0                 | Science elective (not ECON)                            |  |
| 3.0                 | Science elective (not ECON)                            |  |
| 3.0                 | Science elective                                       |  |
| 3.0                 | Science elective                                       |  |
| 3.0                 | Science, Arts, or Media, Art, and Performance elective |  |
| 3.0                 | Science, Arts, or Media, Art, and Performance elective |  |
| 3.0                 | Science, Arts, or Media, Art, and Performance 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  |  |
| 3.0                 | Open elective  |  |
| <b>120.0</b>        | <b>Total: 65% program GPA &amp; 60% UGPA required</b>  |  |

| <b>Credit hours</b> | <b>BSc Combined Statistics and Economics major, required courses</b> | <b>Student's record of courses completed</b> |
|---------------------|--|--|
| 3.0                 | MATH 110   |  |

|              |  |  |
|--------------|--|--|
| 3.0          | MATH 111   |  |
| 3.0          | MATH 122   |  |
| 3.0          | MATH 213   |  |
| 3.0          | One of: STAT 160, 200, 289                                     |  |
| 3.0          | STAT 251   |  |
| 3.0          | STAT 252   |  |
| 3.0          | STAT 351   |  |
| 3.0          | STAT 354   |  |
| 3.0          | Three STAT courses numbered above 354                          |  |
| 3.0          |  |  |
| 3.0          |  |  |
| 3.0          | MATH or STAT course at 200-, 300- or 400-level, or ACSC course |  |
| 3.0          | ECON 201   |  |
| 3.0          | ECON 202   |  |
| 3.0          | ECON 301   |  |
| 3.0          | ECON 302   |  |
| 3.0          | ECON 307   |  |
| 3.0          | ECON 310   |  |
| 3.0          | ECON 321   |  |
| 3.0          | ECON 322   |  |
| 3.0          | ECON course  |  |
| 3.0          | ECON course  |  |
| 3.0          | Two of: ECON 308, 309, 401, 402                                |  |
| 3.0          |  |  |
| 3.0          | CS 110   |  |
| <b>72.0</b>  | <b>Subtotal: 65.00% 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                  |  |
| 3.0          | Lab Science elective   |  |
| 3.0          | Lab Science elective   |  |
| 3.0          | Science elective   |  |
| 3.0          | Science elective   |  |
| 3.0          | Science elective   |  |
| 3.0          | Science elective   |  |
| 3.0          | Science elective   |  |
| 3.0          | Science elective   |  |
| 3.0          | Open elective  |  |
| 3.0          | Open elective  |  |
| <b>120.0</b> | <b>Total: 65.00% program GPA &amp; 60.00% UGPA required</b>    |  |

### Rationale

By requiring Econ 307 and 310, the second part of both micro and macro in the intermediate level, students receive a broader coverage of relevant topics in both streams. Please refer to changes shown in the UG Calendar Sections 9.15.9 and 19.15.11, respectively.

(end of motion 17)

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#### 4.2 Department of Computer Science

##### **MOTION 18: Program Revision - Course Deletion**

To delete CS 270 from, and add MATH 116 to, the B.Sc. in Computer Science, with Business Area of Concentration, effective 201820.

| <b>Credit hours</b> | <b>B.Sc. in Computer Science with Business Area of Concentration, required courses</b> | <b>Student's record of courses completed</b> |
|---------------------|--|--|
| 3.0                 | CS 110   |  |
| 3.0                 | CS 115   |  |
| 3.0                 | CS 201   |  |
| 3.0                 | CS 205   |  |
| 3.0                 | CS 210   |  |
| 3.0                 | CS 215   |  |
| <del>3.0</del>      | <del>CS 270</del>  |  |
| 3.0                 | CS 280   |  |
| 3.0                 | CS 320   |  |
| 3.0                 | CS 335   |  |
| 3.0                 | CS 372   |  |
| 3.0                 | CS 375   |  |
| 3.0                 | CS 473   |  |
| 3.0                 | CS 300- or 400-level   |  |
| 3.0                 | CS 300- or 400-level   |  |
| 3.0                 | MATH 105/110   |  |
| 3.0                 | MATH 111   |  |
| <u>3.0</u>          | <u>MATH 116</u>  |  |
| 3.0                 | MATH 122   |  |
| 3.0                 | MATH 221   |  |
| 3.0                 | STAT 160 or 200  |  |
| 3.0                 | STAT 251   |  |
| 3.0                 | STAT 252   |  |
| 3.0                 | ECON 100   |  |
| 3.0                 | ECON 201   |  |
| 3.0                 | ECON 202   |  |
| 3.0                 | PSYC 101 or 102  |  |
| 3.0                 | BUS 100  |  |
| 3.0                 | BUS 205  |  |
| 3.0                 | BUS 210  |  |
| 3.0                 | BUS 260  |  |
| 3.0                 | BUS 285  |  |
| 3.0                 | BUS 290  |  |
| 3.0                 | ENGL 251   |  |
| <b>99.0</b>         | <b>Subtotal</b>  | <b>65.00% Major GPA required</b>             |

#### **Rationale**

We do not have the faculty resources to teach CS 270 course regularly.

This course replaces CS 270 and maintains the required structure of a Bachelor of Science (BSc) as stated in the Undergraduate Calendar section 16.9.1.1.

(end of motion 18)

**MOTION 19: Program Revision - Change of Program Name**

To change name of program from Certificate in Computer Science to Diploma in Computer Science, effective 201820.

**Rationale**

A certificate is often a program that takes less than 2 years to complete and often is obtained after only a few months of study. *Diplomas* are primarily offered by Universities. They usually require a minimum of two years of study. If the name of this program is changed, more students would be drawn to it as an option and can transition into the four-year BSc. The naming of this program to Diploma of Computer Science (DipCS) brings it in line with similar programs in the Faculty of Arts and the Faculty of Business Administration at the University of Regina.

(end of motion 19)

**MOTION 20: Program Revision – Program Change**

To replace three CS xxx courses with the 3 major prerequisite courses (CS 110, CS 115 and CS 210), add CS 201 and one additional CS 200-, 300-, or 400-level option in the Diploma in Computer Science, effective 201820.

| Credit hours     | <del>Certificate</del> <u>Diploma</u> in Computer Science required courses        | Student's record of courses completed |
|------------------|---|---------------------------------------|
| 3.0              | <del>CS 3xx/4xx</del> <a href="#">CS 110 or if equivalent experience – CS xxx</a> |                                       |
| 3.0              | <del>CS 3xx/4xx</del> <a href="#">CS 115 or if equivalent experience – CS xxx</a> |                                       |
| 3.0              | CS 201  |                                       |
| 3.0              | <del>CS 3xx/4xx</del> <a href="#">CS 210 or if equivalent experience – CS xxx</a> |                                       |
| 3.0              | CS 215  |                                       |
| 3.0              | CS 2xx/3xx/4xx  |                                       |
| 3.0              | <del>CS xxx</del> <a href="#">CS 3xx/4xx</a>                                      |                                       |
| 3.0              | <del>CS xxx</del> <a href="#">CS 3xx/4xx</a>                                      |                                       |
| 3.0              | <del>CS xxx</del> <a href="#">CS 3xx/4xx</a>                                      |                                       |
| 3.0              | ENGL 100  |                                       |
| <b>30.0</b>      | <b>Subtotal</b>   | <b>65.00% Major GPA required</b>      |
| <b>Electives</b> |   |                                       |
| 3.0              |   |                                       |
| 3.0              |   |                                       |
| 3.0              |   |                                       |
| 3.0              |   |                                       |
| 3.0              |   |                                       |
| 3.0              |   |                                       |
| 3.0              |   |                                       |
| 3.0              |   |                                       |
| 3.0              |   |                                       |
| 3.0              |   |                                       |
| <b>30.00</b>     | <b>Subtotal</b>   |                                       |

|             |              |  |
|-------------|--------------|--|
| <b>60.0</b> | <b>Total</b> | <b>65.00% Program GPA<br/>required</b> |
|-------------|--------------|--|

**Rationale:** The program outline for this program is misleading. Students don't understand that there are three courses that must be taken prior to CS 215 as stated on program outline. If this program was published in the calendar more accurately it may see an increase in enrollments. Adding CS 201 gives a better balance between programming and systems courses.

(end of motion 20)

### **MOTION 21: Program Revision – Program Change**

To add CS 476 to, and remove one course from the “Two Courses From” list, in the B.Sc. Post-Diploma in Computer Science, effective 201820.

| <b>Credit hours</b> | <b>Post-Diploma B.Sc. in Computer Science, required courses</b>                 |
|---------------------|---|
| 3.0                 | CS 215 - Web Oriented Programming   |
| 3.0                 | CS 301 - Digital Systems Architecture   |
| 3.0                 | CS 310 - Discrete Computational Structures                                      |
| 3.0                 | CS 320 - Introduction to Artificial Intelligence                                |
| 3.0                 | CS 340 - Advanced Data Structures and Algorithm Design                          |
| 3.0                 | <del>Two courses from:</del> <u>One course from:</u> CS 261, 350, 410, 412, 428 |
| 3.0                 | <u>CS 476</u>   |
| 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                 | MATH or STAT course above 200 (except for MATH 261)                             |
| 3.0                 | Natural Science Elective  |
| 3.0                 | Natural Science Elective  |
| 3.0                 | ENGL 100  |
| 3.0                 | ENGL 110  |
| 3.0                 | Arts or Fine Arts elective  |
| 3.0                 | Arts or Fine Arts elective  |
| <b>60.0</b>         | <b>Subtotal (65.00% U of R GPA required)</b>                                    |
| <b>120.0</b>        | <b>Total</b>  |

### **Rationale**

This change is necessary to maintain the number of credit hours as 60 because the Department is adding another required course.

To meet the new accreditation requirements given by the Association for Computing Machinery (ACM) / Institute of Electrical and Electronics Engineers (IEEE) Computer Society and the Computer Science Accreditation Council (CSAC) of the Canadian Information Processing Society (CIPS), the program needs to have a term-long project course as a required course in our curriculum. CS 476 (Software Development Project) is suited to this requirement.



(end of motion 21)

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### 4.3 Faculty of Science

#### **MOTION 22: New Admissions Standard - Approval of Pathway Program**

To approve the Pathway Program as detailed below, effective 201820.

#### **Pathway Program Proposal**

Students who have applied for admission to a Faculty, but whose marks have fallen short of the high school admission requirements are currently directed to either Casual Studies, upgrading, or told to wait until they are 21 years of age when they qualify for Mature admission. Giving students an alternate entry point to University will provide an opportunity to those who may have been systemically disadvantaged or unable to access certain courses. The Pathway Program provides a highly supported learning environment that allows students access to higher education and a way for them to earn their admission qualification in an alternate way. The Pathway Program also provides a mechanism for students to transition into University so they can be successful in their studies.

#### **1. Admission Requirements to PP - Common to All Faculties\***

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- English Language Proficiency: same as University regulations for undergraduate admission
- One of the following:
  - a. Five grade 12 subjects, or
  - b. Grade 11 or 12 English course plus five subjects at either the grade 11 or 12 level, or
  - c. Grade 12 diploma
- Minimum age of 17
- Letter of Petition
- Applicants with a minimum of 15 credit hours of post-secondary coursework completed are not eligible for admission to this program.

In Addition:

- Letter of Petition
- Students admitted to the PP are admitted into a separate admissions category (eg. SCPATH), tracked and not eligible to be fully admitted to the Faculty (as Science Qualifying) until PP is successfully completed.
- PP students receive central advising through the Student Success Centre with faculty consultation/faculty advising provided only if requested/desired by the Faculty of Science.
- A registration hold is placed on the student's account as a condition of PP Admission preventing registration without support of an advisor. The hold does not leave their account until student has successfully completed the program.

## 2. Curriculum

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### PP-Science

Student Success Portion: Workshops, Coaching, and Homework Sessions = 4-7 hours per term

Electives: 2 courses maximum, chosen by Advisor = 6.0 credit hours per term

Course sequencing for ACAD 100 / RDWT120 / ENGL 100 may vary depending on course availability at time of acceptance & registration. ACAD 100 or RDWT120 must be taken as a pre-requisite before any Pathway student attempts ENGL 100.

| TERM 1                  | COURSE TITLE  | CREDITS  |
|-------------------------|---|----------|
| *ACAD 100               | Academic Discourse, Writing, Research and Learning Strategies | 3        |
| ARTS 099                | Academic Integrity  | 0        |
| Academic Skill-Building | Student Success Workshops                                     | 0        |
| Approved Elective       | Math or Science   | 3        |
| Approved Elective       | Math or Science   | 3        |
|                         | <b>Total</b>  | <b>9</b> |

| TERM 2                  | COURSE TITLE   | CREDITS  |
|-------------------------|--|----------|
| **RDWT 120 / ENGL 100   | Reading and Writing I / Critical Reading & Writing I | 3        |
| Academic Skill-Building | Student Success Workshops                            | 0        |
| Approved Elective       | Math or Science Course                               | 3        |
| Approved Elective       | Math or Science Course                               | 3        |
|                         | <b>Total</b>   | <b>9</b> |

\* *ACAD 100* not eligible to be used for credit toward any degree or certificate in the Faculty of Science (16.3)

\*\* *ACAD 100* or *RWDT 120* must be taken as a pre-requisite before any Pathway student attempts ENGL 100.

#### Elective Options:

**Arts: Approved Arts courses include:** Anthropology, Arabic, Catholic Studies, Chinese, Classical Studies, Cree, Dakota, Dene, Economics, English, Environmental Studies, Geography, German, Health Studies, History, Humanities, Indigenous Health Studies, Indigenous Studies, Interdisciplinary Studies, International Studies, Japanese, Journalism, Justice Studies, Korean, Linguistics, Philosophy, Political Science, Psychology, Religious Studies, Sauleaux, Social Studies, Sociology, Spanish, Women's and Gender Studies. Course selection must be approved by an Academic Advisor.

**MAP:** Any MAP course chosen from: Creative Technologies, Film, Music, Theatre or Visual Arts. Elective courses from the Faculty of Arts and Faculty of Science (see above) are also permitted. Course selection must be approved by an Academic Advisor.

**Science:** Any Science courses chosen from: Biology, Chemistry, Computer Science, Geology, Math, Statistics, Astronomy, or Physics. AMTH 091/092 is recommended if missing high school math. Elective courses from the Faculty of Arts are also permitted. Suggested courses include BIOL140, CHEM 100, CS 100, ECON 100, GEOG 121, MATH 101, PHIL 100, PHIL150, PSYC 101, PYSC 102. Course selection must be approved by an Academic Advisor.

**Students are responsible to ensure all prerequisites are met and that no time conflicts exist. Students are also responsible to monitor availability in courses. If a class is full, you must choose another section or course.**

### **3. Exiting the Pathway Program**

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#### a. Successful Completion

Successful completion of the PP will allow the student to be moved from the Faculty's Pathway Program, to a major (pending meeting further requirements of the program/major) or general program in the faculty. Upon successful completion, the faculty will update the student's program record on SGASTDN.

To successfully complete the PP, students will have to:

- Receive a "P" (pass) in ACAD 100,
- Receive a "P" (pass) in ARTS 099,
- Receive a "P" (pass) in Student Success Workshops both semesters

Have the minimum faculty-required GPA at the end of their second in the PP. Academic Action is only applied at the end of the second semester.

#### b. Unsuccessful Completion

Unsuccessful completion of the PP will result in an admissions hold being placed on the student record. This hold will remain on the student account to prevent future registration until a new and alternate basis of admission has been achieved.

### **Pathway Program Topics Covered in non-credit components**

#### Transition

- Campus tour
- U of R policies and the Undergraduate Calendar
- University expectations
- Financial literacy
- Navigating U of R technology
- Understanding grades
- Academic integrity
- U of R supports
- Getting involved

## Student success

- Time management
- Overcoming procrastination
- Presentation skills
  - Self-assessment
  - Reading and note-taking
  - Metacognition
  - Study planning
  - Self-testing
  - Prioritizing
  - Motivation
  - Taking ownership

## Academic skill-building

- Grammar and punctuation
- Citations and referencing
- Critical thinking
- Research strategies

(end of motion 22)

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#### 4.4 Department of Mathematics and Statistics

##### **MOTION 23: Program Revision - Course Addition**

To add Math/STAT 251 to the BSc and BSc Hons in Math programs, effective 201730.

##### **16.17.2.1 BSc in Mathematics**

Refer to §16.6 and §16.9.1 for additional important information.

| Credit hours | BSc Mathematics major, required courses                       | Student's record of courses completed |
|--------------|---|---------------------------------------|
| 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 313  |                                       |
| 3.0          | STAT 160  |                                       |
| 3.0          | MATH 3xx or 4xx   |                                       |
| 3.0          | MATH 3xx or 4xx   |                                       |
| 3.0          | MATH or STAT above 250<br>or ACSC xxx MATH 251 or<br>STAT 251 |                                       |

| Credit hours | BSc Mathematics major, required courses | Student's record of courses completed |
|--------------|---|---------------------------------------|
| 3.0          | MATH or STAT above 250 or ACSC xxx      |                                       |
| 3.0          | CS 110                                  |                                       |
| <b>51.0</b>  | <b>Subtotal: Major Requirements</b>     | <b>65.00% Major GPA required</b>      |

### 16.17.2.2 BSc Honours in Mathematics

Refer to §16.6 and §16.9.2 for additional important information.

All students in an honours program should consult with the Head of the Department.

| Credit hours | Honours BSc Mathematics major, required courses | Student's record of courses completed |
|--------------|---|---------------------------------------|
| 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 313  |                                       |
| 3.0          | MATH 323  |                                       |
| 3.0          | MATH 2xx, 3xx, or 4xx<br>MATH 251 or STAT 251   |                                       |
| 3.0          | MATH 200-, 300-, or 400-level                   |                                       |
| 3.0          | MATH 200-, 300-, or 400-level                   |                                       |
| 3.0          | MATH 200-, 300-, or 400-level                   |                                       |
| 3.0          | MATH 200-, 300-, or 400-level                   |                                       |
| 3.0          | MATH 200-, 300-, or 400-level                   |                                       |
| 3.0          | MATH 200-, 300-, or 400-level                   |                                       |
| 3.0          | MATH 200-, 300-, or 400-level                   |                                       |
| 3.0          | MATH 200-, 300-, or 400-level                   |                                       |
| 0.0          | MATH 497  |                                       |
| 0.0          | MATH 498  |                                       |
| 3.0          | MATH 400-level                                  |                                       |
| 3.0          | MATH 400-level                                  |                                       |
| 3.0          | CS 110  |                                       |
| 3.0          | STAT 160  |                                       |
| <b>72.0</b>  | <b>Subtotal: Major Requirements</b>             | <b>75.00% Major GPA required</b>      |

### Rationale

MATH/STAT 251 is a cross-listed course in Probability. Probability is a very important topic in Mathematics and we believe that all students should take at least one class in it. Both the BSc. Mathematics and BSc. Honours Mathematics programs already require all the prerequisites for MATH/STAT 251. For each program we are replacing a MATH/STAT elective with MATH/STAT 251.

(end of motion 23)

**MOTION 24: Program Revision**

To update the BSc in Actuarial Science as outlined below, effective 201730.

## 16.17.2.9 BSc in Actuarial Science

Refer to §16.6 and §16.9.1 for additional important information.

By completing four internships (ACSC 041, 042, 043 and 044) as well as the requirements listed below a student may receive the BSc in Actuarial Science (with Internship). Students interested in either of these programs should consult the Head of the Department.

| Credit hours | BSc Actuarial Science major, Required courses | Student's record of courses completed |
|--------------|---|---------------------------------------|
| 3.0          | MATH 110                                      |                                       |
| 3.0          | MATH 111                                      |                                       |
| 3.0          | MATH 122                                      |                                       |
| 3.0          | MATH 213                                      |                                       |
| 3.0          | CS or MATH 261                                |                                       |
| 3.0          | STAT 160, 200 or 289                          |                                       |
| 3.0          | STAT 251                                      |                                       |
| 3.0          | STAT 252                                      |                                       |
| 3.0          | STAT 351                                      |                                       |
| 3.0          | STAT 354                                      |                                       |
| 3.0          | MATH, STAT or ACSC 300- or 400-level          |                                       |
| 3.0          | ACSC or MATH 116                              |                                       |
| 3.0          | ACSC or MATH 216                              |                                       |
| 3.0          | ACSC or STAT 217                              |                                       |
| 3.0          | ACSC or MATH 316                              |                                       |
| 3.0          | ACSC or STAT 317                              |                                       |
| 3.0          | ACSC or STAT 318                              |                                       |
| 3.0          | ACSC 417                                      |                                       |
| 3.0          | ACSC or STAT 418                              |                                       |
| 3.0          | ACSC 419                                      |                                       |
| 3.0          | ACSC or STAT 456                              |                                       |
| 3.0          | ECON 201                                      |                                       |
| 3.0          | ECON 202                                      |                                       |
| 3.0          | BUS 285                                       |                                       |
| 3.0          | BUS 395                                       |                                       |
| 3.0          | CS 110  |                                       |
| <b>78.0</b>  | <b>Subtotal: Major Requirements</b>           | <b>65% Major GPA required</b>         |

**Rationale**

These are cross-listed and equivalent courses.

(end of motion 24)

**MOTION 25: Program Revision - Course Update**

To replace STAT 471 with STAT 418 in the 'four from' list within the BSc in Statistics program, effective 201730.

## 16.17.2.5 BSc in Statistics

Refer to §16.6 and §16.9.1 for additional important information.

| Credit hours | BSc with major in Statistics, required courses                              | Student's record of courses completed |
|--------------|---|---------------------------------------|
| 3.0          | MATH 110  |                                       |
| 3.0          | MATH 111  |                                       |
| 3.0          | MATH 122  |                                       |
| 3.0          | MATH 213  |                                       |
| 3.0          | STAT 160, 200 or 289  |                                       |
| 3.0          | STAT 251  |                                       |
| 3.0          | STAT 252  |                                       |
| 3.0          | STAT 351  |                                       |
| 3.0          | STAT 354  |                                       |
| 3.0          | STAT 357  |                                       |
| 3.0          | STAT 452  |                                       |
| 3.0          | STAT 485  |                                       |
| 3.0          |   |                                       |
| 3.0          | Four from: STAT 362, 384, 386, 418, 426, 441, 451, 454, 456, 471, 495 – 498 |                                       |
| 3.0          |   |                                       |
| 3.0          |   |                                       |
| 3.0          | CS 110  |                                       |
| 51.0         | Subtotal: Major Requirements  | 65.00% Major GPA required             |

(end of motion 25)

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#### 4.5 Faculty of Science in Conjunction with the Department of Physics

**MOTION 26: Program Revision - Expansion of Bachelor of Medical Imaging and Bachelor of Medical Laboratory Science**

To expand the Diploma options accepted toward the Bachelor of Medical Imaging (BMI), and Bachelor of Medical Laboratory Science (BMLS) programs, effective 201720.

**16.9.3 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 §16.2.1, §16.6 and §16.9.1 for additional important information.

| Credit hours  | Required courses after admission to University of Regina: | Student's record of courses completed |
|---|---|---------------------------------------|
| <b>Year 3, Fall Semester, University of Regina</b>  |   |                                       |
| 3.0   | ENGL 100  |                                       |
| 3.0   | PSYC 101  |                                       |
| 3.0   | CHEM 104  |                                       |
| 3.0   | MATH 110  |                                       |
| 3.0   | PHYS 109  |                                       |
| <b>Year 3, Winter Semester, University of Regina</b>  |   |                                       |
| 3.0   | ENGL 110  |                                       |
| 3.0   | PSYC 102  |                                       |
| 3.0   | CHEM 105  |                                       |
| 3.0   | CHEM 140  |                                       |
| 3.0   | PHYS 112  |                                       |
| <b>Year 4, Fall Semester, University of Regina</b>  |   |                                       |
| 3.0   | BIOC 220  |                                       |
| 3.0   | STAT 160  |                                       |
| 3.0   | PHYS 319 (permission)                                     |                                       |
| 3.0   | CS 110  |                                       |
| 3.0   | Elective*   |                                       |
| <b>Year 4, Winter Semester, University of Regina</b>  |   |                                       |
| 3.0   | BIOC 221  |                                       |
| 3.0   | PSYC 210  |                                       |
| 3.0   | SOC 222   |                                       |
| 3.0   | Elective*   |                                       |
| 3.0   | Elective*   |                                       |
| <b>60.0</b>   | <b>University of Regina Subtotal</b>                      | <b>65.00% 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. |   |                                       |

**16.9.4 BACHELOR OF MEDICAL LABORATORY SCIENCE (BMLS) (JOINT PROGRAM WITH SASKATCHEWAN POLYTECHNIC)**

For admission to the BMLS program, students must have completed the Diploma of Medical Laboratory Technology from Saskatchewan Polytechnic with a minimum GPA of 60% in addition to meeting the high school admission requirements for the Faculty of Science. 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 §16.2.1, §16.6 and §16.9.1 for additional important information.

| Credit hours   | Required courses after admission to University of Regina: | Student's record of courses completed |
|--|---|---------------------------------------|
| <b>Year 3, Fall Semester, University of Regina</b>   |   |                                       |
| 3.0  | ENGL 100  |                                       |
| 3.0  | PSYC 101 or PSYC 102                                      |                                       |
| 3.0  | CHEM 140  |                                       |
| 3.0  | MATH 110  |                                       |
| 3.0  | CS 110  |                                       |
| <b>Year 3, Winter Semester, University of Regina</b>   |   |                                       |
| 3.0  | ENGL 110  |                                       |
| 3.0  | BIOL 205  |                                       |
| 3.0  | BUS 205   |                                       |
| 3.0  | INHS 100  |                                       |
| 3.0  | STAT 160  |                                       |
| <b>Year 4, Fall Semester, University of Regina</b>   |   |                                       |
| 3.0  | BIOC 220  |                                       |
| 3.0  | BIOL 341 or STAT 201 or higher                            |                                       |
| 3.0  | BIOL 288  |                                       |
| 3.0  | Elective*   |                                       |
| 3.0  | Elective*   |                                       |
| <b>Year 4, Winter Semester, University of Regina</b>   |   |                                       |
| 3.0  | BIOC 330  |                                       |
| 3.0  | BUS 260   |                                       |
| 3.0  | PHIL 273 or PHIL 276                                      |                                       |
| 3.0  | BIOC 221  |                                       |
| 3.0  | Elective*   |                                       |
| <b>60.0</b>  | <b>University of Regina Subtotal</b>                      | <b>65.00% Program GPA required</b>    |
| * The required elective must be one of: BIOL 265, 302, 305, 390, 405; BIOC 330, 423; CHEM 210, 241, 312; INHS 101; PSYC 101, PSYC 102; STAT 251, 252; or PHIL 370AA. A number of these courses may require special permission. |   |                                       |

## Rationale

Over the last few years, there has been increasing interest in both of these programs from students with other, comparable, Canadian credentials. This change will open the program to other students who already have a similar diploma, and will also decrease the amount of time students have to wait to join this program. While the Faculty of Science doesn't have restrictions on when the student can start taking courses from the program, they cannot complete upper level courses until they have completed the Diploma portion. Both of the diplomas often have large wait-lists, which results in most students having to wait a minimum of one year before they can complete the Saskatchewan Polytechnic Diploma portion of the degree. As the Saskatchewan



Polytechnic Diploma comes with the certification the student needs to work within the program, this expansion comes with the condition that the students understand that they are responsible for pursuing any necessary certification training that will allow them to work in the province. The Diploma used to apply for admission to the program will be reviewed by the Associate Dean (Academic) to ensure it meets the same requirements as the Diploma from Saskatchewan Polytechnic.

(end of motion 26)

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## FOR INFORMATION ONLY

## 1. Faculty of Engineering and Applied Science

**ITEM 1: Revisions to Courses**

To approve revisions to courses as outlined below, effective 201830.

**ENEV 261 3:3-3****Engineering Fluid Mechanics**

Properties of fluids; fluid statics, mass, energy and momentum principles; steady state flow in pipe systems and open channels; flow measurement, dimensional analysis.

\*\*\* Prerequisite: ENGG 140 or ENGG 240 and PHYS 109 and completion of 45 Credit Hours.\*\*\*

**ENIN 253 3:3-2****Engineering Thermodynamics**

Fundamental laws of thermodynamics and their application to various engineering systems. Ideal and actual processes, power and refrigeration cycles.

\*\*\*Prerequisite: PHYS 119 ~~ENEV 261~~\*\*\*

**ENPE 481 381 3:3-3****Natural Gas Engineering**

Determination of gas properties; estimation of reserves, material balance equation, decline curve analysis, and deliverability of individual gas wells. Single and multiphase flow in pipes, gas-condensate reservoirs; design of production facilities, metering, compression, gas storage, transmission and pipeline transportation.

\*\*\* Prerequisite: ENPE 300 (concurrent enrolment allowed)\*\*\*

**Effective date: Fall 2018**

(end of item 1)

**ITEM 2: Activation to Historical Courses and Revisions to Course Descriptions**

To approve activation of the following historical courses and revisions to the course descriptions, effective 201830.

**ENGG 140 3:3-0****Mechanics for Engineers - Statics**

Introduction to engineering mechanics including: force vectors, statics of particles and rigid bodies, centroids, mass centres, construction of free-body diagrams, analysis of structure, internal loads of structures analysis of structures, distributed forces, moments of inertia, friction, forces in beams and cables, distributed forces, moments of inertia, friction, virtual work, introduction to kinematics.

\*\*\* ~~Corequisites~~ Prerequisite: MATH 110 (may be taken concurrently) \*\*\*

**ENGG 141 3:3-0**

### **Mechanics for Engineers - Dynamics**

Engineering applications of mechanical systems; kinematics and kinetics of particles and rigid bodies (such as gears, linkages and other mechanisms), free body diagram drawing and application in dynamics, D'Alembert's Principle, work, energy impulse, momentum. Introduction to mechanical vibrations.

\*\*\* Prerequisite: ENGG 140 and MATH 111 (may be taken concurrently) \*\*\*

### **Rationale**

The following courses were made historical when ENGG 240 was introduced in 2005. The amount of material contained within one course.

### **Effective term: Fall 2018**

(end of item 2)

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(End of Report)

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Submitted by: Barb Elich, Registrar's Office

on behalf of Francesco Freddolini, CCUAS, Chair

February 16, 2018



## UNIVERSITY SECRETARIAT

**EXECUTIVE OF COUNCIL  
MEETINGS  
2018-2019**

| <u>Meeting Dates</u> | <u>Deadlines for Agenda Items*</u> |
|----------------------|------------------------------------|
| September 26, 2018   | September 14, 2018                 |
| October 31, 2018     | October 19, 2018                   |
| November 28, 2018    | November 16, 2018                  |
| January 23, 2019     | January 11, 2019                   |
| February 27, 2019    | February 15, 2019                  |
| March 27, 2019       | March 15, 2019                     |
| April 24, 2019       | April 12, 2019                     |
| May 22, 2019         | May 10, 2019                       |
| June 19, 2019        | June 7, 2019                       |

All meetings are on Wednesdays at 2:30 – 4:30 p.m. in the Fifth Floor Board Room, Administration-Humanities Building:

*\* Graduat lists may be submitted up to 10:30 a.m. on the day of the meeting. However, notification of graduat lists for submission must be received by the deadline date.*