AGENDA for Tuesday, May 9, 2017 in AH 527.

1. APPROVAL of the AGENDA

2. APPROVAL of MINUTES – March 7, 2017 – circulated with the Agenda

3. BUSINESS ARISING FROM THE MINUTES.
   3.1 Follow-up report from the Executive of Council – March 22, 2017

4. REPORT FROM THE VICE-PRESIDENT (RESEARCH)

5. REPORTS FROM FGSR
   5.1 Dean
   5.2 Associate Dean
   5.3 Manager, Graduate Scholarships and Awards
   5.4 Faculty Administrator
   5.5 PhD Committee
   5.6 Scholarship and Awards Committee

6. REPORTS FROM FACULTIES
   6.1 Faculty of Business Administration
   6.2 Faculty of Engineering and Applied Science
   6.3 Faculty of Graduate Studies and Research
   6.4 Johnson-Shoyama Graduate School of Public Policy

7. OTHER BUSINESS

8. ADJOURNMENT

NOTE:
The next meeting is scheduled for Tuesday, September 19, 2017 at 2:30PM. Location – AH 527
(The deadline for submission of agenda items is Tuesday, September 5, 2017).
FOLLOW UP REPORT FROM 
EXECUTIVE OF COUNCIL MEETING 
22 March 2017

Items in bold indicate further approval is required by Council, Senate and/or possibly the Board. Other items reached final approval at Executive of Council unless otherwise indicated and only in certain cases will go to Senate for information.

COUNCIL COMMITTEE ON FACULTY OF GRADUATE STUDIES and RESEARCH

MOTION 1: Business Administration – MAdmin Leadership - Revisions
MOTION 2: Business Administration – Master of Human Resource Management – Revisions
MOTION 3: Business Administration – Admission – Levene MBA
MOTION 4: Business Administration – Admissions – Post Graduate Diploma
MOTION 5: Education – Master of Education in Curriculum and Instruction Program
MOTION 6: Education – Master’s Certificate in Educational Technology & Media - WITHDRAWN
MOTION 7: Education – Master of Indigenous Education - Revision
MOTION 8: Engineering – Master of Applied Science Petroleum Systems Engineering Revisions
MOTION 9: FGSR – Gerontology - Revisions
MOTION 10: FGSR – PhD Committee Terms of Reference
MOTION 11: FGSR – Scholarship and Awards Committee Terms of Reference
MOTION 12: JSGSPP – Master of Public Policy – Revision
MOTION 13: La Cité – Name Change – Master of Arts in French and Francophone Intercultural Studies
MOTION 14: Science – Master of Science Biochemistry – Revisions
MOTION 15: Science – Master of Science – Revisions
MOTION 16: Science – PhD in Biochemistry and Chemistry – Revisions
6. Reports from Faculties

6.1 Faculty of Business Administration

**MOTION 1: Change to Co-op Policy**
That the Business Administration Masters Co-op policy be amended effective 201810.

<table>
<thead>
<tr>
<th>Current</th>
<th>Policy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students in the Levene MBA with Specializations, MHRM or MAdmin programs may apply for admission to do Co-op. Students must have completed and obtained a minimum grade of 75% in each of 4 classes before applying for co-op. You must also be a full time student in good standing. Graduate students will follow the same work term requirements pertaining to undergraduate students, such as length of terms, suitability of work placements, and codes of conduct.</td>
<td>Students in the Levene MBA with Specializations, MHRM or MAdmin programs may apply for admission to do Co-op. <strong>Students must have completed at least four classes, have no failing grades, and normally obtained a minimum CGPA of 75% before applying for co-op.</strong> You must also be a full time student in good standing. Graduate students will follow the same work term requirements pertaining to undergraduate students, such as length of terms, suitability of work placements, and codes of conduct.</td>
</tr>
</tbody>
</table>

**Rationale:**
The Co-op policy was created to ensure students had completed enough courses to enter the workplace with adequate graduate level knowledge (e.g., four courses), and that their academic performance was strong enough so they could effectively contribute to the workplace where they were entering (e.g., 75% min. mark). The current phrasing does not always fully capture that spirit. For example, if we have a student that has 6 courses completed with 5 of those above 75% but with one below, the co-op office and FGSR are unable to approve the student for co-op. The application is rejected and it requires the Levene Office to write a letter requesting FGRS approve the student for co-op – which may or may not be approved.

The motion to amend the co-op policy provides language that retains the original intent but does so in a more effective way.

(end of Motion 1)
6.2 Faculty of Engineering and Applied Science

MOTION 1: New Courses
That the following new courses be created effective 201810.
ENPC 863 – Air Quality Management
ENSE 834 – Smart Grid: Architecture, Design and Analysis
ENSE 865 – Applied Machine Learning

ENPC 863 Air Quality Management (3)
Advanced topics in air pollution impact assessment mechanisms related to air pollution problems, mitigation and adaptation of air pollution effects through a number of engineering measures, design of air pollution control facilities, air quality management and pollution control planning, and air quality prediction techniques.
*Cros-listed with ENEV863 – Air Quality Management
Rationale:
This course is currently listed as an approved course for graduate students in the Process System Engineering program. The ENEV 863 course description suitably fits the PSEN program scope and addresses topics that are very relevant to Process Engineering.

ENSE 834 - Smart Grid: Architecture, Design and Analysis (3)
This course covers the following topics: Characteristics of the smart grid, two-way communication, issues of privacy and security, smart grid elements and components, distributed intelligence and automated control systems. Smart grid environmental, economic and infrastructure challenges. Smart meters technologies, architecture and design. Architectural and design issues related to the integration of renewable energy, distributed generation and energy storage. Analysis of smart grid reliability. Smart grid asset monitoring and control technologies. Smart grid data management architecture and data analytics.
*Cros-listed with ENEL 834 – Smart Grid: Architecture, Design and Analysis
Rationale:
Software development is an integral aspect of building smart grids so SSE graduate students will find the course relevant to their studies.

ENSE 865 – Applied Machine Learning (3)
Topics in this course include regression (linear regression with multiple features, nearest neighbors & kernel regression, ridge regression), classification (linear classifiers, logistic regression, decision trees, boosting), clustering, and dimensionality reduction. The concepts of overfitting & regularization, feature selection, and performance evaluation are also included. Students will apply these concepts in implementation of practical machine learning applications.
*Cros-listed with ENEL 865 – Applied Machine Learning
Rationale:
Machine learning is one important area of Artificial Intelligence technology and the knowledge is relevant to developing intelligent software systems.

(end of Motion 1)
### MOTION 2: Course Changes

That the following courses be converted from directed reading courses to regular courses effective 201810.

<table>
<thead>
<tr>
<th>Current</th>
<th>Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ENEL 890AG RF Amplifier and Systems Design</strong></td>
<td><strong>ENEL 822 RF Amplifier and Systems Design</strong></td>
</tr>
<tr>
<td>Single and multi-stage amplifier design, noise and non-linear distortion, matching network design, oscillator design, system level consideration of microwave transmission lines, resonators, distributed elements, lumped elements and filters.</td>
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</tr>
</tbody>
</table>

**ENEL 890AJ Smart Grid: Architecture, Design and Analysis**

This course covers the following topics:
- Characteristics of the smart grid, two-way communication, issues of privacy and security, smart grid elements and components, distributed intelligence and automated control systems. Smart grid environmental, economic and infrastructure challenges.
- Smart meters technologies, architecture and design. Architectural and design issues related to the integration of renewable energy, distributed generation and energy storage. Analysis of smart grid reliability. Smart grid asset monitoring and control technologies. Smart grid data management architecture and data analytics.

**ENEL 890AE Power Systems Advanced Protection and Control**

This course addresses advanced topics in power systems protection and control, including topics in digital relaying algorithms, protection and control integration, Intelligent Electronic Devices (IED) communications capabilities, transmission systems protection, substation protection and control, and station automation.

**ENEL 890AH System Design and Testing using JTAG Boundary Scan**

Introduction to JTAG boundary scan: IEEE 1149.x Standard; design for boundary-scan testability(DFT); connection and functional testing using on-board JTAG devices such as CPU, CPLD, FPGA; testing of non-JTAG devices such as passive devices, logic devices and memory; debugging using boundary-scan. Other test methods are also covered.

**ENEL 890AL Field Programmable Gates Arrays (FPGA) Design Appliances**

**ENEL 834 Smart Grid: Architecture, Design and Analysis**

The following topics are covered:
- Smart grid characteristics, components, distributed intelligence and automated control. Smart grid challenges. Smart meters technologies, architecture and design. Integration of renewable energy, distributed generation and energy storage. Smart grid reliability analysis. Two-way communication, privacy and security. Smart grid data management architecture and data analytics.

**ENEL 835 Power Systems Advanced Protection and Control**

This course addresses advanced topics in power systems protection and control, including topics in digital relaying algorithms, protection and control integration, Intelligent Electronic Devices (IED) communications capabilities, transmission systems protection, substation protection and control, and station automation.

**ENEL 863 System Design and Testing using JTAG Boundary Scan**

Introduction to JTAG boundary scan: IEEE 1149.x Standard; design for boundary-scan testability(DFT); connection and functional testing using on-board JTAG devices such as CPU, CPLD, FPGA; testing of non-JTAG devices such as passive devices, logic devices and memory; debugging using boundary-scan. Other test methods are also covered.

**ENEL 864 Field Programmable Gates Arrays (FPGA) Design Appliances**
This class provides the students with an understanding of FPGA-based digital design, embedded system design, and high-level synthesis design methodologies using ZedBoard and Xilinx Vivado design tool.

### ENEL 890AK Applied Machine Learning

Topics in this course include regression (linear regression with multiple features, nearest neighbors & kernel regression, ridge regression), classification (linear classifiers, logistic regression, decision trees, boosting), clustering, and dimensionality reduction. The concepts of overfitting & regularization, feature selection, and performance evaluation are also included. Students will apply these concepts in implementation of practical machine learning applications.

### ENEL 865 Applied Machine Learning

Topics in this course include regression (linear regression with multiple features, nearest neighbors & kernel regression, ridge regression), classification (linear classifiers, logistic regression, decision trees, boosting), clustering, and dimensionality reduction. The concepts of overfitting & regularization, feature selection, and performance evaluation are also included. Students will apply these concepts in implementation of practical machine learning applications.

**Rationale:**

These courses have been offered several times with good enrolment and should be offered as regular course offerings.

(end of Motion 2)
6.3 Faculty of Graduate Studies and Research

MOTION 1: Accreditation Policy Change
That the FGSR Accreditation policy change effective 201730.

Current Accreditation Information
Accredited members of the Faculty of Graduate Studies and Research may carry out any or all of the following duties, depending on which accreditation category you belong to:

- Instruct graduate courses
- Serve as a Master’s Committee Member
- Serve as a Master’s Co-Supervisor
- Serve as a Master’s Supervisor
- Serve as a PhD Committee Member
- Serve as a PhD Co-Supervisor
- Serve as a PhD Supervisor

If you are already a member of the U of R’s faculty and wish to become a FGSR faculty member, review the process outlined under Accreditation of Faculty Members as there are four categories of accreditation.

If you are not a U of R faculty member, you can still be accredited with FGSR as an Adjunct Professor, Professional Associate, or a Single Purpose or Specialized Expertise Appointee. Descriptions of each position, along with their accreditation process, can be found under Accreditation of Individuals External to U of R

Accreditation Categories (minimum qualifications required for accreditation – as of June 25, 2014). Accreditation with FGSR is open to faculty members (i.e., rank of lecturer and above) and to Instructors III’s at the University of Regina who meet the minimum requirements outlined below.

CATEGORY A (Graduate Course Instructor)
- This category is assigned to academic staff members who hold an Instructor III appointment.
- Must hold either a Master’s or PhD degree.

CATEGORY B (Master’s Supervisor / Master’s or PhD Committee Member)
- This category is assigned to faculty members with tenured or tenure-track appointments.
- Faculty members with a term appointment may be accredited depending on the length of their term.
- Must hold a terminal degree in the discipline (normally a PhD or equivalent).
- This category is most often assigned to new faculty member with a promising research record, but no experience mentoring or supervising graduate students.
CATEGORY C (Master’s Supervisor / PhD Committee Member / PhD Co-Supervisor)

- This category is assigned to faculty members with tenured or tenure-track appointments.
- Must hold a terminal degree in the discipline (normally a PhD or equivalent).
- Must have a demonstrated record of mentoring or supervising graduate students as well as a research record relevant to the research program of the student to be supervised.

CATEGORY D (PhD Supervisor)

- This category is assigned to faculty members with tenured or tenure-track appointments.
- Must hold a terminal degree in the discipline (normally a PhD or equivalent).
- Must have a demonstrated and active research record relevant to the research program of the student to be supervised.
- They are expected to have graduated one or more thesis-based master's students as the supervisor or PhD students as co-supervisor.
- Faculty members whose research or creative activity records have no publications or related productivity in the last five years or who have not graduated PhD students over an extended period of time could lose their eligibility for this category.

Scholarly or Creative Activity

Because of diverse interpretations of the term “scholarly, or creative activity”, FGSR will seek the sound and informed judgment of chairs and graduate coordinators to ensure adherence to minimum faculty criteria. The determination of “scholarly, or creative activity” assumes a continuing peer review process that, at least indirectly, is part of the Annual Performance Review process.

Number of Students per Supervisor

It is expected that academic units and supervisors will pay particular attention to the number of students associated with a given supervisor. The academic heads will be consulted if concerns arise about the number of students a particular faculty member proposes to supervise. The Dean of FGSR may require the academic unit/supervisor to provide assurances, in writing, that resources are available to adequately provide the necessary supervision, accommodation and other forms of support, including financial support.

Accreditation of Faculty Members

Supervision of graduate students, or instruction of graduate courses, is restricted to persons who are accredited as members of the Faculty of Graduate Studies and Research by the Dean of FGSR. Accreditation is available to faculty members of the academic units of the University of Regina and members of other institutions who can provide students with expert direction and background through their research and knowledge of the field. As well, special case accreditation is available to non-faculty University employees who possess the appropriate academic credentials.

FGSR has the following review process in place for accreditation of faculty:

PhD Committee
The PhD Committee is responsible for defining (and revising when necessary) the criteria in which the various levels of accreditation are determined. It serves as the body through which appeals related to accreditation are adjudicated. This may include hearing appeals of an initial accreditation appointment, or a faculty member’s application to change the category to which he or she had been assigned.

**New Appointments**
A new appointment accreditation proposal is accompanied by a recommendation regarding a suitable accreditation level, according to the criteria in the [Accreditation categories](#). The recommendation, including the recommended accreditation level, comes from the Dean of the faculty that the person is being appointed to, and is sent to Human Resources. Human Resources, in turn, forwards the recommendation to the Dean of FGSR for review.

**Reclassification**
Reclassification of accredited faculty members is granted by the Dean of FGSR in cases where the Dean concurs with the recommendations of the relevant department head (or equivalent) and the line-faculty Dean.

Faculty members may make an application for reclassification of accreditation level through the department head and the corresponding Dean, who forwards the support materials and recommendation to the Dean of FGSR.

**Review of Accredited Members of a Faculty**
When a review of the accredited membership of an entire faculty or department is deemed desirable, the Dean of FGSR will request the PhD Committee (or an ad hoc committee should the need arise) to conduct a review. In this review, the committee will take into account recommendations from each faculty member’s unit head and the corresponding Dean.

**Accreditation of Individuals External to the University of Regina**

**Adjunct Professors**
Adjunct Professors (FGSR) are normally individuals who are not employees of the University and who are nominated by the department or program area and line faculty Dean by:

- completing the [Request for Accreditation form](#)
- an up-to-date CV
- a statement/rationale of the benefits to the graduate activities (graduate teaching and co-supervision of graduate students) of the department/faculty

**Adjunct Professor** appointments are normally for three to five years (July through June), and are renewable, subject to mutual agreement and ongoing eligibility.

Adjunct Professors (FGSR) may not serve as the sole supervisor, nor the sole committee member of graduate students, except in exceptional circumstances at the discretion of the Dean of FGSR following consultation with the academic unit. No accreditation level is assigned to Adjuncts,
but the expectation is that in a committee or co-supervisory role, the Adjunct will hold the level of degree that is being sought by the candidate.

There is an option for former faculty members who have Adjunct status to be afforded sole supervisory status in cases where the student is close to completion when the change in accreditation status to Adjunct occurs, or remains on campus and provides continuing resources for the graduate students being supervised.

**Note:** A Professor Emeritus is eligible for Adjunct status and the process is the same as for any person who is not a University employee. For **non-faculty, full-time University employees** with a postgraduate degree, the option of Adjunct status is available, but requires that the employee have an associate membership to an academic unit on campus. Accreditation is then sought by the academic unit through the normal procedures. Full-time non-faculty University employees with a PhD degree, who are active in research and are able to provide resources for graduate students are eligible to be considered for sole supervisory status of master’s and PhD students on a case-by-case basis.

**Adjunct Instructors (FGSR)**

Adjunct Instructors (FGSR) have a graduate teaching mandate. They are normally individuals who are not employees of the University and who are nominated by the department or program area, and the line faculty Dean by:

- a memo to the Dean of FGSR
- an up-to-date CV
- a statement/rationale of the benefits to the graduate teaching activities of the of the unit.

**Adjunct Instructor** appointments are normally for three years (July 1 through June 30) and are renewable, subject to mutual agreement and ongoing eligibility. For an appointment, the minimal academic qualification is a relevant master’s degree.

**Professional Associates**

The position of Professional Associate is of particular applicability to programs in the Faculty of Education, the Faculty of Nursing, the Faculty of Social Work and the Department of Psychology. Individuals nominated as Professional Associates have valuable skills, education, and experience, but do not necessarily meet the criteria equivalent to that required for a tenured faculty position.

Professional Associates are nominated by the department and/or line faculty Dean by:

- a memo to the Dean of FGSR
- supporting documentation, which includes a letter of support from the individual’s employer (if applicable)
- an up-to-date CV
- a statement/rationale of the benefits to the graduate affairs (supervision of internships/practicum) of the department/faculty.
Professional Associate appointments are normally for three to five years (July through June), and are renewable, subject to mutual agreement and ongoing eligibility.

Professional Associates may not be a supervisor or co-supervisor of graduate thesis research, but they are eligible to serve on graduate student supervisory and examining committees and to give graduate courses when their qualifications are appropriate. In all cases, committee membership and the instruction of a graduate course requires separate approval by the Dean of FGSR.

**Single Purpose/One-Time Appointment**
On occasion, a faculty or department may wish to have an individual accredited on a temporary basis to teach a graduate class, act as a practicum associate or sit on a graduate student's committee. Accreditation may be requested for a specific purpose and is terminated when the activity is completed.

Approval for single-purpose or one-time accreditation is obtained in the same way a Faculty or Department obtains accreditation for a normal Professional Associate, except that the specific purpose for accreditation is outlined in the request. The Dean of FGSR will review the request and grant one-time accreditation for that purpose only. An individual appointed in this way is to have the necessary qualifications for accreditation at the graduate level.

**Research Associates and Postdoctoral fellows**
Research Associates, Postdoctoral fellows and other professionals are eligible to serve on committees, if recommended by the academic unit and corresponding Dean, subject to approval by the Dean of FGSR. The request for approval is to include:
- a memo indicating the reasons for, and the benefits of, having this colleague on the committee
- an up-to-date CV

This appointment would be considered a single purpose/one-time accreditation.

**Additional Categories in Recognition of Specialized Expertise**
Experts from outside the University may, on an ad hoc basis, if approved by The Dean of FGSR, serve on supervisory and examining committees. In these cases, the individual is in addition to the required minimum supervisory committee membership and cannot serve as a replacement for an accredited faculty member.

This category would include:
- clinicians lacking a postgraduate degree
- First Nations’ Elders as appropriate in conjunction with the academic and cultural context of the student’s research program

Academic units must indicate why the individual is considered an Elder and justify his/her inclusion on the committee as an Elder. The procedure for such an appointment parallels that for Adjunct Professor (FGSR).
For off-campus persons nominated in association with their expertise, the onus is on the academic unit in the application process to identify why the appointment would add value to the student’s program and describe the means by which meaningful interactions would be facilitated.

**Note:** Adjunct Professors (FGSR), Adjunct Instructors (FGSR), Professional Associates, Single Purpose and Specialized Expertise Appointees may not serve as External Examiners in the academic unit with which they are associated, or serve as the Internal-External on the supervisory committee of doctoral students. The latter membership category is exclusive to C-level or D-level faculty members.

**Proposed**

1.1 **MEMBERSHIP TYPES**

Membership in the Faculty of Graduate Studies and Research is for the purposes of cultivating and enhancing high-quality graduate education through graduate student supervision, teaching, and research mentorship. To best serve the academic mission of the Faculty of Graduate Studies and Research there are two categories of accreditation: internal and external to the University of Regina.

1.1.1 **Internal**

Internal members are faculty (as defined in Article 13.1 of the collective agreement) and instructors at the University of Regina and its affiliated colleges who hold a tenured, tenure-track, or term academic appointment. Professors Emeritus, Research Associates and Post-Doctoral Fellows at the University may also be internal members at FGSR.

Accreditation for all levels of graduate supervision and teaching is only available to members with the appropriate education and experience. Research Associates and Postdoctoral Fellows are eligible to serve as committee members and to teach graduate classes.

1.1.2 **External**

The Faculty of Graduate Studies and Research recognizes that graduate education is enhanced through our connections to the communities we serve. Periodically, members of the community may receive accreditation in the Faculty of Graduate Studies and Research to teach classes, co-supervise students or serve on committees. The possible categories of external members are listed below.

1. **Adjunct Professors** are academics from another institution. They are eligible to co-supervise, to serve as committee members, and to teach graduate classes. Typically adjunct appointments are for between 2-5 years.

2. **Professional Associates** are non-academics with expertise in some field. Individuals nominated as Professional Associates have valuable skills, education, and experience, but do not necessarily meet the criteria equivalent to that required for a tenured faculty position. They are eligible to serve as committee members, supervise internships and field practicums, and to teach graduate classes.

3. **Elders** are respected members of the community, often with specialized knowledge regarding Indigenous issues. They are eligible to co-supervise, serve as committee members and teach
graduate courses depending on the individual's education and experience, as well as the needs of the academic unit of appointment.

4. **Single-Purpose accreditation** may be sought in cases in which an academic unit wishes to appoint an individual to act as a Practicum Associate, to sit on a student's examining committee, or to teach a graduate class. Typically single-purpose accreditation does not extend beyond the period of time required to complete the purpose for which accreditation was sought.

**Note:** External members of FGSR may **not** serve as External Examiners in the academic unit with which they are associated, or serve as the Internal-External on the supervisory committee of doctoral students.

### 1.2 NOMINATION PROCEDURES:

#### 1.2.1 Internal Members:

Usually internal membership at FGSR will be granted to tenured, tenure-track and term appointments at the time of appointment. Nominations for membership either at times other than their initial appointment, or to units outside of their unit of appointment shall be made by academic units where the supervision is to occur to the FGSR. The nomination should include a current CV for the member, and a completed “Request for FGSR Accreditation” form. For faculty members with term appointments, the length of appointment term will determine suitability to supervision of graduate students (the nominee’s term must be at least beyond the expected time required for the student to complete their program).

If a faculty member or instructor wishes to supervise or teach graduate classes outside of their unit of appointment, then the academic unit in which supervision is sought shall appoint the member as an Associate Member or Adjunct Faculty Member. (Membership may be granted provided that the nominee has completed the academic credential normally expected for the granting of tenure according to the standards of the academic unit in which the appointment is sought). The units will inform FGSR when a faculty member becomes either an Associate Member or an Adjunct member.

#### 1.2.2 External Members:

Adjunct Professor appointments are done at the unit level. Membership at FGSR will be granted at time of the appointment.

Nomination of other external members of FGSR is done by the unit in which the graduate supervision will occur. Applications should be sent to FGSR and include the following:

1. A completed “Request for FGSR Accreditation” form
2. A memo to the Dean of FGSR explaining the benefits of this appointment to the department/faculty and confirming that the individual understands the grading system and academic standards at FGSR.
3. An up-to-date CV of the individual
4. Supporting documentation, which includes a letter of support from either individual’s employer or a community association (if applicable, for example if the candidate’s CV is not adequate).

1.3 ROLES of FGSR MEMBERS
1.3.1 Internal Members
The following table summarized the roles that the different internal members can have in graduate supervision. In special cases, exceptions can be made by a request to FGSR (the procedure for this is the same as for the accreditation of external members).

Internal members of FGSR who are eligible to co-supervise students may co-supervise a student from any unit (but the student’s supervisor must be from their unit). Similarly, FGRS members who are eligible to be members of a committee, may serve on committees outside of their unit.

It is also recommended that any member first supervise a Masters student to completion before undertaking the supervision of a PhD student. Departments are also encouraged to assign a mentor to professors who are supervising graduate students for the first time.

<table>
<thead>
<tr>
<th>Accreditation Categories</th>
<th>Faculty Member with PhD</th>
<th>Faculty Member with Masters</th>
<th>Faculty Member with a Masters or PhD with a Term Appointment</th>
<th>Research Associate or Post-Doctoral Fellow or Emeritus Professor</th>
<th>Faculty Member or Instructor with a Professional Designation</th>
<th>Instructor or Lab Instructor with a PhD or Masters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supervise PhD Student</td>
<td>Eligible</td>
<td>Ineligible*</td>
<td>Ineligible</td>
<td>Ineligible</td>
<td>Ineligible</td>
<td>Ineligible</td>
</tr>
<tr>
<td>Co-supervise PhD Student</td>
<td>Eligible</td>
<td>Eligible</td>
<td>Ineligible</td>
<td>Ineligible</td>
<td>Ineligible</td>
<td>Ineligible</td>
</tr>
<tr>
<td>Supervise Master Student (Thesis, Project or Major Essay)</td>
<td>Eligible</td>
<td>Eligible</td>
<td>Ineligible</td>
<td>Ineligible</td>
<td>Ineligible</td>
<td>Ineligible</td>
</tr>
<tr>
<td>Co-supervise Master Student</td>
<td>Eligible</td>
<td>Eligible</td>
<td>Eligible**</td>
<td>Ineligible</td>
<td>Ineligible</td>
<td>Ineligible</td>
</tr>
<tr>
<td>Supervise Practicum, Capstone Project or Co-op Report</td>
<td>Eligible</td>
<td>Eligible</td>
<td>Eligible**</td>
<td>Eligible</td>
<td>Eligible</td>
<td>Ineligible</td>
</tr>
<tr>
<td>Member of Examining Committee</td>
<td>Eligible</td>
<td>Eligible</td>
<td>Eligible**</td>
<td>Eligible</td>
<td>Eligible</td>
<td>Eligible</td>
</tr>
<tr>
<td>Teach Graduate Classes</td>
<td>Eligible</td>
<td>Eligible</td>
<td>Eligible</td>
<td>Eligible</td>
<td>Eligible</td>
<td>Eligible</td>
</tr>
</tbody>
</table>
*Eligible only where the Faculty member belongs to a unit in which the terminal degree is a Masters but recent practice includes hiring PhDs and/or training PhD students, such as in the Faculty of Media, Art, and Performance.
** The length of term will determine suitability for supervision, to be decided in consultation with the Dean of FGSR.

1.3.2 **External Members**
The following table summarized the roles that the different external members can have in graduate supervision. In special cases, exceptions can be made by a request to FGSR.

<table>
<thead>
<tr>
<th>Accreditation Categories</th>
<th>Adjunct Professor</th>
<th>Elder</th>
<th>Professional Associate</th>
<th>Single Purpose Accreditation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supervise PhD Student</td>
<td>Ineligible***</td>
<td>Ineligible</td>
<td>Ineligible</td>
<td>Ineligible</td>
</tr>
<tr>
<td>Supervise Master Student</td>
<td>Ineligible***</td>
<td>Ineligible</td>
<td>Ineligible</td>
<td>Ineligible</td>
</tr>
<tr>
<td>Co-supervise PhD Student</td>
<td>Eligible</td>
<td>Eligible</td>
<td>Ineligible</td>
<td>Ineligible</td>
</tr>
<tr>
<td>Co-supervise Master Student</td>
<td>Eligible</td>
<td>Eligible</td>
<td>Ineligible</td>
<td>Ineligible</td>
</tr>
<tr>
<td>Supervise Internship, Practicum or Co-op Report</td>
<td>Eligible</td>
<td>Eligible</td>
<td>Eligible</td>
<td>Eligible</td>
</tr>
<tr>
<td>Member of Examining Committee</td>
<td>Eligible</td>
<td>Eligible</td>
<td>Ineligible</td>
<td>Eligible</td>
</tr>
<tr>
<td>Teach graduate Classes</td>
<td>Eligible</td>
<td>Ineligible</td>
<td>Ineligible</td>
<td>Eligible</td>
</tr>
</tbody>
</table>

*** Eligible only where pre-existing formal agreements permit, such as Johnson-Shoyama Graduate School of Public Policy supervision between University of Saskatchewan and University of Regina.

1.4 **TERMINATION OF MEMBERSHIP**
If an internal member leaves the University of Regina, their membership in the Faculty of Graduate Studies and Research will remain unchanged for twelve months after they leave. After this time they must apply as an Adjunct (which is an external membership) to continue graduate teaching and co-supervision; they may also request a special case exception from Faculty of Graduate Studies and Research to continue to supervise current students to completion. External memberships are typically for a limited time which should be specified at the time of appointment. In extraordinary circumstances, such as a case of academic or non-academic misconduct (as detailed in the University of Regina’s Policy on Research/Scholarly Misconduct, GOV-022-025 and University’s Respectful University Policy, GOV-100-015), membership in FGSR may be revoked.
6.4 Johnson-Shoyama Graduate School of Public Policy

MOTION 1: Program Change
That the PhD in Public Policy be modified effective 201810.

<table>
<thead>
<tr>
<th>Current PhD in Public Policy</th>
<th>Proposed PhD in Public Policy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required: One of JSGS 803 or JSGS 851</td>
<td>Required: One of JSGS 803 or JSGS 851</td>
</tr>
<tr>
<td>3</td>
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<tr>
<td>JSGS 865</td>
<td>JSGS 862</td>
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<tr>
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<tr>
<td>JSGS 869</td>
<td>JSGS 865</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>JSGS 990AB</td>
<td>JSGS 869</td>
</tr>
<tr>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>JSGS 901</td>
<td>JSGS 990AB</td>
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<tr>
<td>51</td>
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</tr>
<tr>
<td>Total</td>
<td>60</td>
</tr>
</tbody>
</table>

**Rationale:**
These program changes are made in response to a program review conducted in 2015, which found, among other things, that our interdisciplinary PhD students require a greater depth of familiarity with core theoretical concepts in critical areas of public policy. The findings of the program review suggested the previous compliment of required courses was not meeting these needs. Adding JSGS 862 Political Economy to the required courses will, alongside updates in our delivery of JSGS 869 Ideas in Public Policy, help address this deficiency, better prepare our students for their comprehensive examinations, and facilitate their more in-depth examination of these important topics. We do not wish to increase the total credit hours for the program, and thus this motion makes a corresponding reduction in the required research hours for the degree.

(end of Motion 1)

MOTION 2: Program Change
That the Master in Public Policy (MPP) be modified effective 201830.

<table>
<thead>
<tr>
<th>Current MPP</th>
<th>Proposed MPP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choose one of: JSGS 806 or JSGS 867</td>
<td>Choose one of: JSGS 806 or JSGS 867 or another course on policy analysis with permission of the Graduate Chair</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Choose one of: JSGS 803 or JSGS 851</td>
<td>Choose one of: JSGS 803 or JSGS 851 or another methods course as approved by the Graduate Chair</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Choose one of: JSGS 805 or JSGS 862 or JSGS 865</td>
<td>Choose two of: JSGS 805 or JSGS 862 or JSGS 865</td>
</tr>
<tr>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>JSGS 869</td>
<td>JSGS 869</td>
</tr>
<tr>
<td>----------------</td>
<td>----------------</td>
</tr>
<tr>
<td>Choose one Public Policy Elective* from: JSGS 817, JSGS 846, JSGS 849, JSGS 854, JSGS 859, JSGS 863, JSGS 864, JSGS 870</td>
<td>3</td>
</tr>
<tr>
<td>Choose one of: Any JSGS course, or an open elective in a related discipline, with permission</td>
<td>3</td>
</tr>
<tr>
<td>JSGS 990AB</td>
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<tr>
<td>JSGS 901</td>
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</tr>
<tr>
<td>Total</td>
<td>30</td>
</tr>
</tbody>
</table>

*Restricted electives are subject to change.

**Rationale:**
This proposed modification is part of our ongoing efforts to update our programs following the results of a 2015 program review. It will provide advisory committees and supervisors with greater flexibility to help students align their programs of study with their research interest and will facilitate a smoother transition for students wishing to ladder from the MPP into the PhD program.

(End of Motion 2)

7. **OTHER BUSINESS**
Faculty of Engineering and Applied Science
Inactive Courses effective 201810
ENEL 730 Electric Energy Systems Design
ENEL 732 RF Communications System Design
ENEV 802 Hydrological Engineering
ENEL 811 Local Area Networks
ENEL 812 Error Detection and Correction
ENEL 813 Digital and Data Communications Systems
ENEL 815 Spread Spectrum and Ranging
ENEV 835 Advanced Engineering Biology
ENEL 850 Software/Hardware Co-Design Using Configurable Hardware
ENEL 855 Application of Configurable Hardware to Current Problems
ENEL 858 Advanced Digital Filters
ENEL 859 Advanced Topics in Wireless Communications
ENEL 861 High Performance and Multirate DSP