**AGENDA – SUPPLEMENTAL ITEMS**

<table>
<thead>
<tr>
<th>Item</th>
<th>Action</th>
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<tr>
<td>8. Curricular Submissions</td>
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<td>c. Science*………………………………………………………………………</td>
<td>Courses, Decision (SGRC)</td>
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<td>Pharmacy Non-Degree option, SEN-regular</td>
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<td>11. Amendment to Aegrotat Degrees Regulation* (Hildebrandt)</td>
<td>SEN-regular</td>
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</table>

* material attached

** to be distributed separately

“SGRC” to be approved on behalf of Senate

“SEN” to be recommended to Senate for approval

5 June 2015

Mike Grivicic
Assistant University Secretary
Faculty: SCIENCE
Effective date: 9/1/2015

Course ☒ Milestone ☐ Milestone title:
New ☐ Revision ☒ Inactivation ☐

Subject code (applicable for courses only): EARTH Course number: 623
For course revision, indicate the type(s) of changes e.g. consent, description, title, requisites:
Description and title
Old Title: Geochemistry of Hydrothermal Ore Deposits

Course title (maximum 100 characters): NEW: Stable Isotope Geochemistry of Ore Deposits and Petroleum Systems
Course short title (maximum 30 characters):
Grading Basis: NUM
Consent Required: 
Credit Weight 0.50
Course description:
Old Description: The application of stable isotopes, fluid inclusions, metal solubility and mass transfer in high temperature geochemistry. Emphasis is placed on silicate melt-aqueous fluid equilibria and the genesis of high to medium temperature hydrothermal ore deposits.

New course description (for course description revision):
NEW: Application of light and heavy stable isotope systems as process tracers and exploration tools for a wide variety of low-temperature and high-temperature ore deposits. The use of stable isotopes for oil-oil and oil-source rock correlations and for reconstruction of local and global redox conditions during deposition of petroleum source rocks. Offered in alternate years

Meet type(s): LECTURE
Primary meet type: LECTURE
Requisites:

Special topics course: Yes ☐ No ☒
Cross-listed: Yes ☐ No ☒
Course subject(s) to be cross-listed with and approval status:
Rationale:

New faculty member with new program

Prepared by: Sue Fisher

Date: 9/1/2015
Faculty: SCIENCE
Effective date: 9/1/2015

Course ☒  Milestone ☐  Milestone title:
New ☒  Revision ☐  Inactivation ☐

Subject code (applicable for courses only): EARTH Course number: 627

For course revision, indicate the type(s) of changes e.g. consent, description, title, requisites:

Description and title

Course title (maximum 100 characters): NEW: Radioactive Isotope Systems
Course short title (maximum 30 characters):
Grading Basis: NUM
Consent Required: None
Credit Weight: 0.50
Course description: Principles of radioactive decay and geochronology. Applications of geochronology and isotopic tracing using the U-Th-Pb, Re-Os, Lu-Hf, Sm-Nd, Rb-Sr, and Ar-Ar isotope systems, U-series disequilibrium, cosmogenic nuclides, and extinct radionuclides. Offered in alternate years.

Meet type(s): LECTURE
Primary meet type: LECTURE
Requisites:

Special topics course: Yes ☐  No ☒
Cross-listed: Yes ☐  No ☒

Course subject(s) to be cross-listed with and approval status:
Sections combined/held with:

Rationale:

New faculty member with new program

Prepared by: Sue Fisher  Date: 9/1/2015
Faculty: Science
Effective term: Term/Year Spring 2015

Course ☒ New ☒ Revision ☐ Inactivation ☐
Milestone ☐ New ☐ Revision ☐ Inactivation ☐

New milestone title:

For course revisions, indicate the type(s) of changes:
(e.g. consent, description, title, requisites)

Course Subject code: PHARM Course number: 616
Course Title (max. 100 characters incl. spaces): PhD Thesis Proposal
Course Short Title (max. 30 characters incl. spaces):
Grading Basis: NUMERICAL
Course Credit Weight: 0.50
Course Consent Required: ☐

Course Description:
The objectives of Pharm 616 will be to encourage graduate students in the PhD Pharmacy program to best prepare and present their research objectives in written and oral form. Successful completion of this course will require (i) participation in a workshop that will provide instruction in best approaches for literature review and use of reference sources, (ii) attendance at two proposal oral examinations, or Thesis defences, by students who precede them, (iii) the preparation and oral examination of a written Thesis Proposal.

This course is only available for the first Thesis Proposal taken within the Pharmacy Program. If a student has completed Pharm 601 as an MSc Pharmacy program student, no additional course credit is available.

The Thesis Proposal component involves the preparation of a written research proposal and oral examination of the proposal. The intent is to learn how to use the literature to stimulate in-depth thinking about the basis of their thesis research project and to encourage development of their scientific oral presentation skills. The thesis proposal should outline the reasons for undertaking the project, concisely survey the relevant literature, present a detailed description of the methodology to be used and outline any preliminary results acquired at the time of the proposal. The written proposal will be considered by an examination committee that will normally comprise the student’s Advisory Committee plus an independent Chair. The full Examination Committee (including the Chair) will independently grade the written proposal, and separately assign a grade to the oral examination. The simple average of those scores (two per committee member) will be the student’s grade for the course.

In addition to the writing and oral examination of the thesis proposal, each student will be required to:
a. Attend and complete a workshop (90 min class time) that will provide background on literature searching, citation and proper management of references as part of preparation of the Thesis Proposal. This workshop will be offered each term by the librarian liaison in Pharmacy.

b. Attend two Thesis Proposal oral examinations or Thesis defences by other students, prior to the student’s own oral proposal examination.

New course description (for revision only):

Meet Type(s):
Primary Meet Type:

Requisites:

Special topics course: Yes ☐ No ☐
Cross-listed: Yes ☐ No ☐

Course Subject(s) to be cross-listed with and approval status:
Sections combined/heldwith:

Rationale for request:

The intent of Pharm 616 is to:

1. Encourage the pursuit of excellence by our graduate students through the introduction of a quantitative grading system that will provide a clearer and more objective indication of performance.

2. Directly link the experience to active learning about the best ways to research and use scholarly information resources effectively. This will also provide an early opportunity to work with the librarian liaison in Pharmacy.

3. Ensure that students are familiar with the procedure and interrogative atmosphere of an oral examination or Thesis defence by requiring prior attendance at similar events undergone by colleagues who are ahead of them in their path.

This course is only available for the first Thesis Proposal taken within the Pharmacy Program. If a student has completed Pharm 601 as an MSc Pharmacy program student, no additional course credit is available and the student should take the PhD Thesis Proposal as a milestone instead.

Prepared by: Jonathan Blay Date: 5-Mar-15
SCHOOL OF PHARMACY
MEMORANDUM

TO: Dr. Robert Hill, Associate Dean of Science for Graduate Studies
FROM: Dr. Jonathan Blay, Associate Director, Research and Graduate Studies
RE: Non-degree admission to Pharmacy
DATE: 13 January 2015

Dear Dr. Hill,

The School of Pharmacy would like to include a Non Degree option for applicants to our Graduate Program. The specific wording for the Graduate Academic Calendar would be as follows:

Applicants possessing at least an Honours Bachelor's degree or equivalent who intend to take one or more graduate courses but are not proceeding to a degree or a diploma should apply for non-degree admission. Courses taken by non-degree students may not be used for credit toward a degree in a graduate program. Students in this non-degree category who subsequently decide to proceed to a degree will pay fees according to their category at that time. Non-degree students will not normally be granted full-time status.

Non-degree Canadian & permanent resident graduate students pay tuition at the Research Masters rate corresponding to their approved academic load (full-time or part-time.)

I request that this be considered at the next Science Faculty Council meeting.

Warm Regards,

Jonathan Blay
Associate Director, Research and Graduate Studies
School of Pharmacy
University of Waterloo
MEMORANDUM

June 5, 2015

TO: Mike Grivicic, Assistant University Secretary, Senate Graduate and Research Council

FROM: Sarah Hildebrandt, Director, Graduate Academic Services

RE: Aegrotat designation - Senate Graduate & Research Council, June 2015

Background:

The aegrotat designation is used at both the undergraduate and graduate levels and appears on the (shared) transcript. The proposed change to the transcript legend outlined below is being brought forward to align with forthcoming changes at the undergraduate level, and concurrently wording is proposed for the Graduate Academic Calendar to provide a definition of the aegrotat designation.

Transcript Legend:

<table>
<thead>
<tr>
<th>Current</th>
<th>AEG</th>
<th>Aegrotat, credit granted due to illness</th>
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<tbody>
<tr>
<td>Proposed</td>
<td>AEG</td>
<td>Aegrotat, credit granted due to illness or extenuating circumstances</td>
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</table>

Proposed Policy for Graduate Academic Calendar:

The aegrotat designation signifies the granting of credit for a course when some coursework has been completed but no further assessment is possible because of illness or other extenuating circumstances. The aegrotat designation is used only in exceptional circumstances and must be approved by the Faculty Associate Dean.