

THE UNIVERSITY OF BRITISH COLUMBIA



Vancouver Senate Secretariat

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Vancouver Senate

AGENDA

THE FOURTH REGULAR MEETING OF THE VANCOUVER SENATE FOR THE 2011/2012 ACADEMIC YEAR

WEDNESDAY, DECEMBER 14, 2011

6:00 P.M.

ROOM 182, IRVING K. BARBER LEARNING CENTRE, 1961 EAST MALL

1. **Senate Membership -- Mr. James Ridge**
Student representative: Mr. Christopher Roach (College for Interdisciplinary Studies) (information)
2. **Minutes of the Meeting of November 16, 2011 -- Mr. Sean Heisler**
(approval) (circulated)
3. **Business Arising from the Minutes**
4. **From the Board of Governors -- Mr. Sean Heisler**
Confirmation that the following items approved by the Vancouver Senate were subsequently approved by the Board of Governors as required under the *University Act* (information)

Senate Meeting of November 16, 2011

Curriculum proposals from the Faculties of Graduate Studies (Arts, Education, Medicine) and Law

New Programs from the Faculty of Graduate Studies (Forestry), Master of International Forestry (M.I.F.) and Master of Sustainable Forest Management (M.S.F.M.)

Student Awards

5. **Admissions Committee -- Dr. Richard Anstee**
(approval) (circulated)
 - a. Bachelor of Education
 - b. Application and Document Deadlines -- Bachelor of Music
 - c. Applicants Following the BC/Yukon Secondary School Curriculum -- Approved Grade 11 Language Courses
6. **Curriculum Committee -- Dr. William McKee**
Curriculum Proposals from the Faculties of Applied Science, Arts, Graduate Studies (Applied Science, Arts, College for Interdisciplinary Studies, Education, Forestry, Land & Food Systems, Medicine, and Science), and Science (approval) (circulated)

.../continued

7. **Nominating Committee -- Dr. Rhodri Windsor-Liscombe**
(approval) (circulated)
 - a. Selection of Senate Representatives for the President's Advisory Committee for the Extension of the Appointment of the Provost and Vice-President, Academic
 - b. Selection of Senate Representatives for the President's Advisory Committee for the Selection of a Vice-Provost and Associate Vice-President, Academic Facilities and Enrolment
 - c. Adjustments to Committee Membership
8. **Student Awards Committee -- Dr. Sue Grayston**
New Awards from December 2011 (approval) (circulated)
9. **Tributes Committee -- Dr. Sally Thorne**
Candidates for Emeritus Status (approval) (circulated)
10. **Report from the Provost and Vice-President, Academic -- Dr. David Farrar**
Name Change from the Department of Earth and Ocean Sciences to the Department of Earth, Ocean and Atmospheric Sciences in the Faculty of Science (approval) (circulated)
11. **Proposed Agenda Items**
12. **Other Business**

Section 16 (b) of the *Rules and Procedures of Senate* states that
meetings will adjourn no later than 8:30 p.m.
Regrets: Kristen Elder, telephone 604.822.5239 or e-mail: kristen.elder@ubc.ca

UBC Senates and Council of Senates website: <http://www.senate.ubc.ca>



VANCOUVER SENATE

MINUTES OF 16 NOVEMBER 2011

Attendance

Present: Prof. S.J. Toope (President and Chair), Mr T. Ahmed, Dr R. Anstee, Dr K. Baimbridge, Dr J. Belanger, Mr R. Bredin, Mr T. Brennan, Principal *pro tem.* H. Brock, Ms C. Changfoot, Dr G. Chapman, Dr P. Choi, Prof. B. Craig, Mr B. Craig, Dr W. Dunford, Dr D. Farrar (Provost and Vice-President, Academic), Rev. Dr S. Farris, Mr D. Fernandez, Dean B. Frank, Prof. B. Goold, Dr S. Grayston, Mr S. Haffey, Dean *pro tem.* E. Hall, Dr W. Hall, Dr P. Harrison, Mr S. Heisler, Dean M. Isman, Dr A. Ivanov, Dr S. Knight, Dr B.S. Lalli, Mr J. Leung, Dr P. Loewen, Ms S. Marzara, Dr W. McKee, Dr W. McNulty, Ms S. Morgan-Silvester (Chancellor), Dr D. O'Donoghue, Dr I. Parent, Mr R. Parhar, Dr K. Patterson, Dean S. Peacock, Dr N. Perry, Dr J. Plessis, Dean *pro tem.* S. Porter, Dr R. Reid, Dr A. Riseman, Ms T. Rosseel, Ms N. Seyednejad, Mr A. Sihota, Dr S. Singh, Dr R. Sparks, Dr B. Stelck, Ms S. Sterling, Mr K. Truong, Mr D. Verma, Dr M. Vessey, Dr L. Walker, Dr R. Windsor-Liscombe, Dr R. Winter, Mr J. Yang.

Regrets: Ms E. Biddlecombe, Dean M.A. Bobinski, Ms C. Dickson, Mr T. Gibson, Rev. Dr M. Hagemoen, Dr U. Kumar, Dr P. Leung, Principal L. Nasmith, Mr J. Ridge (Secretary), Dr L. Rucker, Dean G. Stuart, Mr M. Thom, Dr S. Thorne.

Guests: Mr I. Burgess, Dr A. Kindler, Ms C. Lin, Mr P. Ouillet, Mr P. Save, Mr K. Warwick.

Recording Secretary: Mr C. Eaton (Acting Secretary to Senate).

Call to Order

The President welcomed Senate to its third regular meeting of this academic year.

Agenda

With the consent of Senate, the presentation of the University's financial statements was moved to follow the report from the Board of Governors.

Senate Membership

The Acting Secretary introduced the following new members of Senate:

- Dr Eric Hall, Dean Pro Tem., Faculty of Applied Science, replacing Dr Tyseer Aboulnasr
- Dr Hugh Brock, Principal Pro Tem., College for Interdisciplinary Studies, replacing Dr Michael Burgess
- Mr Ravi Parhar, Student Representative for the Faculty of Forestry, filling a vacancy

- Ms Claire Dickson, Student Representative for the Faculty of Education, filling a vacancy.

Minutes of the Previous Meeting

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| <i>Philip Loewen</i> | } | <i>That the Minutes of the Meeting of 14 September 2011 be adopted as amended.</i> |
| <i>William McKee</i> | | |

Amended by general consent: Correction of typographical errors.

Approved.

Remarks from the Chair and Related Questions

The President informed Senate of his election as chair of the Association of Universities and Colleges of Canada (AUCC) for a two-year term. This year will be the hundredth anniversary for the AUCC, an organization which plays an important role in higher education advocacy with the federal government. Professor Toope opined that despite financial pressures, he was pleased to see that the government's general attitude towards advanced education and research seemed robust and positive, but expressed some concern over the inclusion of the federal granting councils in planned cutbacks in spending expected to be between 5 and 10%.

In other government matters, the Chair mentioned having just returned from a trip to India which intersected with those of the Provincial Premier and our Vice-President Research & International. A highlight of this trip was a theme in the Province's tone to focus on the benefits of and relationships formed by higher education, with specific reference to the connections established by UBC graduates. The President said that he and the presidents of the University of Victoria and Simon Fraser University will be meeting with the Premier shortly to discuss the trip and the extraordinary role that our universities play in connecting BC with the world. During this trip, the University also opened offices in Delhi and Bangalore, with the former focusing on government relations and research, and the latter on student recruitment.

For the information of Senate, the President noted that the external review of the Faculty of Graduate Studies was now underway, and that he was pleased to announce the appointment of Professor Rachel Kuske, formerly Head of Mathematics at UBC, to the position of Senior Advisor on the Status of Women Faculty.

Professor Toope informed Senate in relation to ongoing culture of service discussions that UBC was now having continual difficulty in finding qualified faculty to serve on adjudication committees. He took the opportunity to encourage the academic community to consider these opportunities seriously and to ask their colleagues to do the same.

With reference to continuing discussions around animal research, the President reminded senators that in late October we published a great deal of data on our activities. He went on to state that UBC has always been accountable for animal research under scientific and ethical protocols but to our knowledge we are the first university in Canada to make this degree of detail open to the public.

Finally, the President reinforced the importance of faculty and staff completing the workplace experience survey currently underway.

In response to a question regarding whether there had been any response to the publication of our animal research statistics, the President replied that the principal group interested did issue a statement welcoming it, but asking for more information. Professor Toope expressed his hope that the data we did publish would diminish claims that UBC was not being forthcoming and instead help inform the public.

Candidates for Degrees and Diplomas

Philip Loewen
Sean Haffey

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That the candidates for degrees and diplomas, as recommended by the Faculties, be granted the degree or diploma for which they were recommended, effective November 2011, and that a committee comprised of the Registrar, the appropriate dean, and the Chair of the Vancouver Senate be empowered to make any necessary adjustments.

Approved by the
required 2/3rds

From the Board of Governors

The President confirmed that the following items approved by the Vancouver Senate were subsequently approved by the Board of Governors as required under the *University Act*:

SENATE MEETING OF 14 SEPTEMBER 2011

Curriculum Proposals from the Faculties of Arts and Graduate Studies (Arts) New Awards

Establishment of the Life Sciences Institute in the Faculties of Medicine and Science

Establishment of the Child and Family Research Institute, the Providence Health Care Research Institute, and the Vancouver Coastal Health Research Institute in the Faculty of Medicine

Name change of the James Hogg iCAPTURE Centre to the UBC James Hogg Research Centre

Establishment of the Killam Post-Doctoral Fellow Research Prize

Financial Statements 2010/2011 and Budget Outlook

The Provost introduced the Vice-President Finance, Resources & Operations, Pierre Ouillet, and the Comptroller, Ian Burgess, both of whom presented with the consent of Senate.

The Vice-President tabled the University's audited financial statements as required by the *University Act*. A link to this presentation is available from the Secretary.

Mr Ouillet opened by informing Senate that this year had been better than last, but that UBC may face significant problems in future years. At present we have a structurally balanced budget. One issue he specifically brought to Senate's attention was that our largest source of income, our grant from the Province, was not tied to inflation and so was decreasing in real terms. This is especially difficult in the face of wage pressures after two years of no general wage increases. The Vice-President suggested that any new expenditures – including wage increases – would have to be accounted for through four areas: increased international enrolment, increased summer use of campus, new adult

learning programs, and administrative and academic efficiencies. Of these four, international enrolment is by far the largest opportunity due to tremendous demand.

Finally he asked Senate to please be mindful of the financial implications of academic decisions.

Senator Hall noted that she was recently at the Canadian Association for Graduate Studies where the keynote speaker raised concerns on the educational implications of heavy internationalization, with Australia as a specific example of how problems may develop.

The Provost replied, noting that at the undergraduate level around 12% of our students are international. He suggested that this was healthy and that expanding to 15% or perhaps a bit beyond would be fine. He opined that Australian universities went too far and thus destabilized their finances and caused a public backlash.

The President commented from the chair that international students add greatly to the dynamic of UBC programs and that it is this addition, not budgetary reasons, that should drive us to have more.

Senator Windsor-Liscombe suggested that UBC could be more radical in terms of adult education as we are still primarily focused on a model to education persons ages 18 to 24. Although he suggested we do not go as far as British universities have, he opined that we could create new programs to help “reboot” minds of people in mid-life. He went on to state that UBC should seriously consider the benefits of running a full summer session.

The Provost replied that these were primarily Faculty decisions. In terms of the academic year, he did not suggest that we go to a full trimester model such as SFU has as UBC was not structured to accommodate that, but that we could still make progress in this year.

Vice-President Ouillet added that adult education was a complex area but that we have many opportunities to improve.

Dean Isman noted his concern that the government may cut our block grant and asked if there were any discussions around loosening the hold on domestic tuition should that occur.

The Chair replied that we have had no indication from the province that a cut to our grant is being contemplated, but we are cognizant of the large budget deficit they are facing. BC's universities are collectively making a case that we are an investment in the economy, and this argument does seem to be well received, but such things are unpredictable.

The Provost suggested that our current government funding (around 60% of our budget) was not likely to grow and so we should try to diversify our revenue as much as possible.

Senator Rasmussen asked if we could do anything to encourage the Province to raise more revenue.

The President replied that universities have a role to play in helping business and society grow its markets. Further, our activities such as the living laboratory can help local industry with innovative ideas become more successful. This is equally true for social innovation. We need to help government understand how universities are engines for social innovation and economic growth, with the best example of this being every university graduate who is out there building our society.

Senator Knight asked if we have conducted a risk analysis for increasing international enrolment, reiterating the problems faced by Australia and the problem many universities faced due to government shifts and civil unrest, for example, with Chinese students following Tiananmen Square.

The Provost replied that we do have a robust International student recruitment model and we conduct a detailed risk analysis as part of that.

The President added that we have the largest international student scholarship fund in Canada.

Senator Anstee noted that international students generally do well at UBC, but that we could do better in recruiting and selecting the very best students. He noted that the advising issues are present for all students that that there likely was a higher drop-out rate for international students.

The Provost replied that our domestic retention rate was around 90% and for international students it was close to 80%. We have looked at why these students leave and it primarily was for reasons of academic performance. We hope that expanding programs like Jumpstart counter this as does increased English language course seats.

Vice-President Ouillet noted that Jumpstart would be a \$2 million expenditure but that this was expected to be made up due to increased retention.

The President closed the discussion with a reminder that we are required by statute to have a balanced budget.

Admissions Committee

See Appendix A: Admissions Summary

The committee chair, Dr Richard Anstee presented changes to the Bachelor of Education program to reflect changes in requirements set by the BC College of Teachers. In response to a question from Senator Sterling, he replied that these changes were not related to shifts in the governance structure of the college.

*Richard Anstee
Bikkar S. Lalli*

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That Senate approve changes in admission requirements for applicants to the Bachelor of Education, effective for admission to the 2012 Winter Session and thereafter.

Approved.

Agenda Committee

REVIEW OF POLICY V-1: FORMAT, DEVELOPMENT & ADMINISTRATION OF SENATE POLICIES

Senator Harrison presented on behalf of the committee chair, Dean Mary Anne Bobinski. He informed Senate that in accordance with this policy it had been reviewed and that no changes thereto were recommended at this time.

Curriculum Committee

See Appendix B: Curriculum Summary

Senator McKee presented on behalf of the committee chair, Dr Peter Marshall. In response to a question from Senator Knight, he replied that the Master of Educational Technology program was financially viable without the involvement of the Monterrey Institute of Technology.

*William McKee
Katharine Patterson*

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*That the new courses and program changes
brought forward by the Faculties of Graduate
Studies (Arts, Education, and Medicine) and
Law be approved*

Approved.

Dr McKee informed Senate that under powers delegated by Senate the Committee has approved four certificate programs representing the UBC Botanical Garden Horticulture Foundations Program.

Joint Report of the Admissions and Curriculum Committees

See Appendix C: New Programs

Senator McKee presented on behalf of the committees. In response to a question from Senator Hall on student demands for a more international curriculum, he replied that several courses in the Master of International Forestry (MIF) degree have an emphasis of international and global issues and we expect they will function well in a global context. He requested that the minutes reflect a directive for the Master of Sustainable Forest

Management program to consult with the Faculty of Law on its programming prior to offering the degree.

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| <i>William McKee</i> | } | <i>That Senate approve the new Master of International Forestry and its associated courses; and</i> <i>That Senate approve the new Master of Sustainable Forest Management and its associated courses.</i> |
| <i>Katharine Patterson</i> | | |

Approved.

Nominating Committee

The Committee chair, Dr Rhodri Windsor-Liscombe presented, taking the opportunity to remind senators of the two President's Advisory Committees presently being formed for the consideration of the extension of the Provost's Appointment to a second term, and the appointment of a new Vice-Provost for Academic Facilities & Enrolment.

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| <i>Rhodri Windsor-Liscombe</i> | } | <i>That Senate approve the revisions to the membership of Committees of Senate as follows:</i> |
| <i>Kenneth Baimbridge</i> | | |

- *Academic Policy - Add Dr Hugh Brock to replace Dr Michael Burgess.*
- *Teaching and Learning - Add Dr Santokh Singh to replace Dr Nancy Perry.*
- *Academic Building Needs - Add Dr Nancy Perry to replace Dr Sally Thorne.*
- *Agenda - Add Mr Ravi Parhar to replace Mr Matt Murray.*
- *Student Appeals on Academic Discipline - Add Mr Ravi Parhar to replace Mr Matt Murray.*
- *Admissions - Add Ms Claire Dickson to replace Ms Robyn Sneath.*
- *Student Awards - Add Dr Ujendra Kumar to replace Dr Tyseer Aboulnasr.*
- *Curriculum - Add Ms Erin Biddlecombe to fill vacancy.*

Approved.

Student Awards Committee

See Appendix D: New Awards

The Committee chair, Dr Brian Stelck presented, noting that this batch of new awards represents a further \$139 000 a year in student funding. He expressed his thanks to the development office for their hard work. Senator Stelck advised Senate that his Committee had noted a trend for donors to be very specific on what kinds of students or activities they wished to fund, and that this posed some challenges when their desires did not align with the needs of the University.

Brian Stelck
Ronald Reid

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That Senate accept the awards as listed and forward them to the Board of Governors for approval; and that letters of thanks be sent to the donors.

Approved.

Report from the Provost & Vice-President, Academic

REPORT ON THE REVIEW OF THE COLLEGE FOR INTERDISCIPLINARY STUDIES

The Provost presented to update Senate on discussions regarding the status of the College. He advised that over the upcoming months a series of proposals would be coming forward to Senate regarding the academic organization of the work of the College and its units.

Dr Farrar noted that a review had recently been completed upon the 5-year anniversary of the College's establishment. That review was clear on the importance of supporting interdisciplinary activity but pointed out that our model was unique in the world. The Review Committee also brought to our attention the status of at least 30 interdisciplinary academic units outside of the College.

The review highlighted two problems with our current state of affairs: College-based units not feeling well supported in the current structure, and the inherent conflict between proper recognition of interdisciplinary units located within and outside of the College.

The Provost informed Senate that over the summer he formed a small group to consider this situation and from those discussions several recommendations emerged:

- That interdisciplinary units be moved from the College into the faculties in order to provide them with sufficient administrative support structures; and
- That the College's mandate be focused to supporting interdisciplinary programs across the entire university.

In response to a question from Senator Windsor-Liscombe, the Provost suggested that should these recommendations be enacted, the resulting College would be a smaller unit than it is today, and would be more similar to the College for Health Disciplines in nature. It would be a way for UBC to look at all its interdisciplinary activities, support them, and provide needed coordination. The issue with the current state of affairs is that a certain scale is needed to provide efficient support and that was not present at the current College.

In response to a question from Senator Reid, the Provost agreed that this re-organization would be more about creating a network for interdisciplinarity around UBC instead of continuing a bureaucratic structure.

Senator O'Donoghue asked why we would keep the entity of a college and the office of a principal when a new type of structure is being proposed.

Dr Farrar replied that we may wish to consider this, but that it was too early in discussions to determine if a change in these regards would be beneficial.

To the agreement of Dr Farrar, Senator Loewen suggested that we need to ensure the interests of the 570 graduate students within CFIS programs are protected during any transition.

Tributes Committee (in camera)

Minutes for this portion of the meeting are not public for reasons of personal privacy.

Adjournment

There being no further business, the meeting was adjourned at 7:43 p.m.

Appendix A

ADMISSIONS SUMMARY

Revision of Bachelor of Education Requirements

Appendix B

CURRICULUM SUMMARY

Faculty of Graduate Studies

New Courses

ASIA 578 (3)

POLI 574 (3/6) D

SPPH 549 (3)

Program change:

Master of Educational Technology

Faculty of Law

LAW 333 (4) Cultural Law

Faculty of Science

New Certificates (for information)

UBC BOTANICAL GARDEN HORTICULTURE FOUNDATION PROGRAM

Certificate in Landscape Construction

Certificate in Horticultural Plant Science

Certificate in Plant Production

Certificate in Landscape and Garden Management

Appendix C

NEW PROGRAMS SUMMARY

Faculty of Graduate Studies

MASTER OF INTERNATIONAL FORESTRY (M.I.F.)

- FRST 519 (3) Forests and Society
- FRST 534 (3) Resource and Conservation Economics
- FRST 535 (3) Global Environmental Issues and Forests
- FRST 543 (3) International Forestry Institutions, Diplomacy and Negotiations
- FRST 542 (3) International Forest Policy and Governance
- FRST 554 (3) Forest Products and Services
- FRST 559 (3) Natural Resources Planning
- FRST 562 (3) Seminar - Topics in International Forestry

MASTER OF SUSTAINABLE FOREST MANAGEMENT (M.S.F.M.)

- FRST 555 (3) Fundamentals of Sustainable Forest Land Management
- FRST 556 (3) Land Information Acquisition and Analysis
- FRST 557 (3) Site-Level Forest Land Management
- FRST 558 (9) Landscape-Level Forest Land Management

Appendix D

AWARDS SUMMARY

New Awards

Dr Dario ALBERTON PharmD Scholarship - A \$1,000 scholarship has been endowed through the generous support of family, friends and colleagues in memory of Dr Dario Alberton for an outstanding student entering the Doctor of Pharmacy (PharmD) program. This award is primarily based on the student's scholarly achievements and is made on the recommendation of the Faculty of Pharmaceutical Sciences in consultation with Faculty of Graduate Studies. (First Award Available in the 2013/2014 Winter Session.)

Indrajit DESAI Memorial Bursary - Bursaries totalling \$1,000 have been endowed by Manjula Desai in memory of her husband Professor Emeritus Dr. Desai. He was appointed to the Family and Nutritional Sciences program in 1969 and worked at the University for 33 years. The bursary is awarded to a student in the Faculty of Land and Food Systems studying as an undergraduate in Nutrition & Health or a graduate on the program in Human Nutrition. Recommendations are made by the Office of Student Financial Assistance and Awards. (First Award Available in the 2012/13 Winter Session.)

ENDEAVOUR Silver Corporation Graduate Scholarship in Earth Sciences - Two or more scholarships totalling \$6,000 have been endowed by Endeavour Silver Corporation, for graduate students in Geological Sciences. The awards are based on academic excellence. Preference will be given to graduate students studying Economic Geology and if there are no students that fit these criteria, then preference will be given to students studying Mining and Metallurgy. The awards are made on the recommendation of the Department of Earth and Ocean Sciences in consultation with Faculty of Graduate Studies. (First Award Available in the 2011/2012 Winter Session.)

ENDEAVOUR Silver Corporation Undergraduate Scholarship in Earth Sciences - Two or more scholarships totalling \$14,000 have been endowed by Endeavour Silver Corporation, for undergraduate students in Geological Sciences. The awards are based on academic excellence. The awards are made on the recommendation of the Department of Earth and Ocean Sciences. (First Award Available in the 2011/2012 Winter Session.)

ELDORADO International Graduate Award in Mining Engineering - Awards totalling \$40,000 are offered by Eldorado to international students from China, Brazil, Turkey or Greece. To be considered candidates must be enrolled in graduate studies leading to a Master's degree in mining engineering or a related field. Candidates may have the opportunity to undertake a co-op work placement with Eldorado during their degree through the UBC Engineering Co-op Office. The nominating committee will take into account not only the student's academic record, but also other qualities which may lead to a successful career in mining. The award is made on the recommendation of the Norman B Keevil Institute of Mining Engineering in consultation with Faculty of Graduate Studies. (First Award Available in the 2012/2013 Winter Session.)

Dr. E. Margaret FULTON Bursary - Bursaries totalling \$1,000 have been endowed by Dr. E. Margaret Fulton to support female students with the greatest demonstrated financial need. Dr. Margaret Fulton was a distinguished educator in elementary,

secondary, and post-secondary education. She served as the Dean of Women at UBC and University President, Mount Saint Vincent University in Halifax. Recommendations are made by the Office of Student Financial Assistance and Awards. (First Award Available in the 2012/13 Winter Session.)

Dorothy Irene (Barlow) GRAHAM Entrance Award - One entrance award of \$3,500 has been endowed by Victoria Graham in memory of her mother, Dorothy Irene (Barlow) Graham, for an undergraduate student entering first year in any Faculty. This award supports an academically qualified student with demonstrated leadership skills, but who would not be able to attend UBC without significant financial assistance. The award is renewable for an additional three years or until the first undergraduate degree is obtained (whichever is the shorter period). Candidates interested in this application must be nominated by a community member or their Secondary School, and the award is made on the recommendation of the UBC Entrance Award Selection Committee. Only one student can be in receipt of the award at a time. (First Award Available in the 2012/13 Winter Session.)

HAIDA Ancestry Award - An award of \$1,000 is offered by the McGuire Family to an undergraduate First Nations student with Haida ancestry entering first year in any Faculty. Students must demonstrate strong academic achievement, and must submit a letter of reference from a teacher or community member. The award is made on the recommendation of the First Nations House of Learning. (First Award Available in the 2011/12 Winter Session.)

HEIL-CHRISTIE Service Award in Speech-Language Pathology - A \$1,000 award is offered to a first year Speech-Language Pathology student pursuing the degree of Master of Science in Audiology and Speech Sciences. The award is to recognize class leadership and service to fellow students in the Speech-Language Pathology Program. The recommendation for the award is made by the faculty and Director of the School of Audiology and Speech Sciences in consultation with members of the first year class at the end of their first year on the basis of class leadership and the fostering of a sense of community within the student body. (First Award Available in the 2011/12 Winter Session.)

Mary Ellen HENLEY Memorial Prize - A prize of \$2,700 has been endowed through a bequest by Mary Ellen Henley. The prize is awarded to the graduate student who achieves the highest academic standing in one of the following seminars: ENGL 514, Studies in the Renaissance; ENGL 515, Shakespeare; ENGL 519, Studies in the Sixteenth Century; and ENGL 520, Studies in the Seventeenth Century. In the event of a “tie” for academic standing, the discretion of the Graduate Committee of the English Department will be used to settle the matter. The granting of the prize will not be possible until the completion of the academic year to ascertain which student has achieved highest standing in the seminars offered in the particular academic year. The award is made on the recommendation of the Department of English in consultation with Faculty of Graduate Studies. (First Award Available in the 2012/2013 Winter Session.)

Entrance Scholarship in MATHEMATICS - Through the generosity of a UBC Mathematics alumnus, scholarships totalling \$15,000 are offered to students with

exceptional ability and interest in Mathematics who are entering UBC Vancouver directly from high school. The awards are made on the recommendation of the Department of Mathematics. (First Award Available in the 2012/13 Winter Session.)

MD Undergraduate Admissions Entrance Bursary - Four bursaries of \$1,000 each are offered to students in financial need entering their first year of the MD Undergraduate program. Although financial need is given primary consideration, the bursaries will be given out to students from each of the four sites of the distributed medical program where possible. Recommendations are made by the Office of Student Financial Assistance and Awards. (First Award Available in the 2012/2013 Winter Session.)

Antonio and Iolanda Giuseppina MINICUCCI Award in Medicine - Three awards of \$1,100 each are offered to students in their 3rd or 4th year in the MD program to recognize outstanding academic achievement with demonstrated service to the community. This award is established in loving memory of Antonio Minicucci by his wife, Iolanda Giuseppina. Antonio and Iolanda Giuseppina, who immigrated to Canada in 1957, have always been strong believers in the importance of education. They have never had children of their own and, after working hard all their lives, wanted to leave a legacy that would support the next generation by helping deserving students in the future. Recommendations are made by the Faculty of Medicine. (First Award Available in the 2012/13 Winter Session.)

MINTEC, INC. Award in Mining Engineering - Awards totalling \$5,000 are offered by Mintec Inc. to undergraduate students enrolled in Mining Engineering. Preference will be given to students who have expressed interest in computer technology related to the mining industry. To be considered, candidates must show high academic achievement. The award is made on the recommendation of the Norman B Keevil Institute of Mining Engineering. (First Award Available for the 2011/12 Winter Session.)

MOTION Metrics/ICICS Graduate Scholarship - A \$5,000 scholarship is offered by Motion Metrics International to a Master or PhD student who is entering their second year of study. The graduate student must be supervised by a faculty member of the Institute of Computing, Information and Cognitive Systems (ICICS) at the University of British Columbia, where Motion Metrics was incubated in 2000. Preference is given to students who have demonstrated excellence in multidisciplinary, application-orientated research and who wish to advance the area through continued study. The awards are made on the recommendation of ICICS and the Faculty of Graduate Studies. (First Award Available in the 2011/12 Winter Session.)

Association of PROSTHODONTICS of Canada Award for Academic Achievement - A \$1,000 award is offered by the Association of Prosthodontics of Canada to the top student accepted to the graduate program in Prosthodontics that demonstrates leadership and acumen in the field of study. The award is made on the recommendation of the Faculty of Dentistry in consultation with Faculty of Graduate Studies. (First Award Available in the 2011/2012 Winter Session.)

W.O. (Bill) RICHMOND Memorial Scholarship in Mechanical Engineering - A \$1,000 scholarship has been endowed in memory of Professor W.O. (Bill) Richmond in honour of his contribution as a Professor and Department Head of Mechanical Engineering (1937

to 1973), and excellence in teaching. The award was funded by his family and the Class of 1950 Mechanical Engineers. As of 2011 this was still the largest Mechanical Engineering class to graduate, and it included many WWII veterans. Candidates must be in 2nd, 3rd, or 4th year Mechanical Engineering. Preference will be given to students who have an interest in machine design, and are involved in extra-curricular activities and leadership. The award is made on the recommendation of the Department of Mechanical Engineering. (First Award Available in the 2012/2013 Winter Session.)

Graham SOMERVILLE Endowed Undergraduate Scholarship in Chemical and Biological Engineering - Scholarships of \$1,000 have been endowed by Graham F. Somerville, a Chemical Engineering alumnus (Class of 1957), for second, third and fourth year undergraduate students enrolled in Chemical and Biological Engineering in the Faculty of Applied Science. Recipients must be Canadian citizens or permanent residents of Canada. The winners are selected on the basis of academic standing. Financial need may be considered. The award is made on the recommendation of the Department of Chemical and Biological Engineering. (First Award Available in the 2012/13 Winter Session.)

TELUS Excellence in IT Award - Awards totalling \$20,000 are offered by TELUS Corporation to undergraduate students enrolled in the Business Technology Management or Business Computer Science options of the Bachelor of Commerce Program at the Sauder School of Business. These awards are made on the recommendation of the Sauder School of Business to students in good academic standing who have demonstrated academic excellence or leadership relating to the BTM or BUCS program. (First Award Available in the 2011/12 Winter Session.)

Dean and Kitty TOYE Scholarship in Science - Scholarships totalling \$1,200 have been endowed by Mr. Dean Toye. The awards are offered to undergraduate or graduate students in the Faculty of Science and are made on the recommendation of the Faculty, and in the case of graduate students, in consultation with Faculty of Graduate Studies. (First Award Available in the 2012/2013 Winter Session.)

UNIVERSITY of BC and University of Warwick International Learning Award - The Moss Rock Park Foundation offers 2 awards valued at up to \$4,000 each for undergraduate or graduate students participating in a student exchange program between UBC and the University of Warwick. The awards will be available to UBC students who are Canadian citizens or permanent residents of Canada and to Warwick students who are British citizens. The field of study is History, Political Science/Politics and English Literature. Students need to demonstrate how their studies involve an aspect of Anglo-Canadian relations. At the conclusion of their studies abroad, each student will provide the funder with a summary of between 1,500-2,500 words explaining how their studies improved his/her understanding of Anglo-Canadian relations. The award is made on the recommendation of Go Global. (First Award Available in the 2012/13 Winter Session.)

Previously-Approved Awards with Changes in Terms or Funding Source

Association of ADMINISTRATIVE and Professional Staff of UBC Scholarship - Two scholarships of \$4,500 each are offered by the Association of Administrative and Professional Staff (AAPS), one scholarship is in memory of Rick Byers (Rick was appointed to the AAPS Board in 2009. Apart from his service on the Board, Rick was also

a key participant on AAPS' Income Replacement Plan Working Committee. Rick's work on this committee was informed by his many years of experience in worker rehabilitation. His knowledge, empathy, and understanding assisted the committee in adopting a new Disability Benefits Plan.) Both scholarships are for students beginning or continuing studies at UBC, either at the Vancouver or the Okanagan campus. Applicants should be either children of AAPS members, spouses of AAPS members or AAPS members who, in the past several years, have credit courses equivalent to a full course load and are proceeding to a year of full-time studies. In the event that there are no qualified applicants in the preceding categories, the award is made to a qualified student in any program. No candidate may receive the scholarship for more than two years.

How Amended: One of the scholarships is now in memory of Rick Byers. (Requested change to take effect for the 2011W Session)

B.C. Association of Speech/Language Pathologists and Audiologists Prize – Two prizes of \$100 each are offered by the B.C. Association of Speech/Language Pathologists and Audiologists to two outstanding second year students in the School of Audiology and Speech Sciences. The awards are made to one Audiology and one Speech-Language pathology student on the recommendation of the School.

How Amended: The prize is now 2@\$100 and it will now be given to final- year students. (Requested change to take effect for the 2011W Session)

Cynthia J. HORNER Memorial Prize - A \$1,000 prize is offered by her family in memory of Dr. Cynthia Horner, psychiatrist (M.D., UBC '89). The award is offered to an undergraduate medical student who excels in psychiatry and is made on the recommendation of the Department of Psychiatry.

How Amended: Changed from an endowed award to an annually funded award. Endowment is to be spent down in increments of \$1,000. (Requested change to take effect for the 2010W Session)

ITALIAN Government Book Prize - A book prize is offered by the Istituto Italiano di Cultura in Vancouver, to an undergraduate student in Italian on the recommendation of the Head of the Department of French, Hispanic & Italian Studies.

How Amended: Changed the prize offering from giving multiple prizes, to one prize to a single student. (Requested change to take effect for the 2011W Session)

University of BC KINESIOLOGY / Physical Education Alumni Scholarship - One or more scholarships totalling \$2,700 have been endowed by alumni of the School. The scholarships are made on the recommendation of the School of Kinesiology, to undergraduate students in the BKIN program who have displayed academic achievement, leadership and competency in their field of specialization.

How Amended: There has been a Senate approved revision of the school from the School of Human Kinetics to the School of Kinesiology. (Requested change to take effect for the 2011W Session)

KRUGER Graduate Fellowship - Fellowships totalling \$8,600 are endowed by Kruger Products Limited and the Province of British Columbia. The award is offered to a

francophone Canadian graduate student and is made on the recommendation of the Faculty of Graduate Studies.

How Amended: Changed to reflect the company's new name. (Requested change to take effect for the 2011W Session)

Professor Jessie Gordon MACCARTHY Memorial Scholarship - A scholarship of \$1,100 has been endowed by family, friends and colleagues of the late Jessie Gordon MacCarthy, who for ten years contributed through teaching, administration and research to the development of the Health Sciences at UBC. The award is made to the student who having completed the penultimate year of any pre-licensure Health Science course best combines academic excellence, demonstrated interest and leadership in the field of Community Health. Activities in the years immediately preceding admission to UBC may be considered as well as activities carried out while an undergraduate. The recipient is chosen by a committee, appointed by the Principal of the College of Health Disciplines. Financial need may be considered but shall be subordinate to aptitude and interest.

How Amended: The award is now going to a 'pre-licensure' health science course in a Health Discipline program. The suggested revision would ensure that students from all the programs previously considered (DMD, MD, Pharmacy, Nursing, Social Work, etc.) would be eligible and it would bring the Physical and Occupational Therapy students back into the fold as well. (Requested change to take effect for the 2011W Session)

Wil Evon MCCREERY Memorial Scholarship - A \$1,000 scholarship has been endowed by the family and friends of Evon McCreery for a graduate student in the School of Nursing, with preference given to a student studying the social and emotional health of children and youth. The award is made on the recommendation of the School of Nursing in consultation with the Faculty of Graduate Studies.

How Amended: Changed from a prize to a scholarship in order to provide support for research. (Requested change to take effect for the 2011W Session)

MEDICINE Class of 1961 Memorial Bursary - A \$1,000 bursary has been endowed by the Medicine Class of 1961 in memory of all those classmates who have died since graduation.

How Amended: Rod Smith Memorial is taken out because the bursary is in memory of all those classmates who have died since graduation. (Requested change to take effect for the 2011W Session)

Stuart OLSON Dominion Construction Ltd. Scholarship - A \$175 scholarship has been endowed by Stuart Olson Dominion Construction Ltd. for an undergraduate student in Management Information Systems. The award is made on the recommendation of the Sauder School of Business.

How Amended: Changed to reflect the company's new name. (Requested change to take effect for the 2011W Session)

Dr. William Arthur PASKINS Memorial Fellowship - A Fellowship has been endowed through a bequest by the late Mrs. Nellie Whiddon in the memory of the Dr. William

Arthur Paskins. The fellowship is open to any Master or PhD student undertaking research in clinical psychology, including but not limited to clinical neuroscience, psychotherapy, assessment, or program evaluation. The fellowships are based on merit and made on the recommendation of the Department of Psychology, in consultation with the Faculty of Graduate Studies.

How Amended: This was too restrictive to award. This change broadens the number of eligible candidates by opening it up to both Master and PhD students. (Requested change to take effect for the 2011W Session)

SCHOOL of Kinesiology Physical Education Bursary - Bursaries totalling \$1,200 have been endowed by friends and alumni for students in the Physical and Health Education stream of the School of Kinesiology who are in need of financial assistance to continue their post-secondary studies.

How Amended: There has been a Senate approved revision of the school from the School of Human Kinetics to the School of Kinesiology. (Requested change to take effect for the 2011W Session)

Ernest Wesley Cubitt SHARPE Memorial Scholarship - Scholarships totalling \$21,000 have been endowed by C. Jane DeVitt in memory of Ernest Wesley Cubitt Sharpe. The awards are made on the recommendation of the School of Music to undergraduate and graduate students excelling in the areas of Composition, Music History, Music Theory, or Ethnomusicology. In the case of graduate students, the recommendation is made in consultation with the Faculty of Graduate Studies.

How Amended: Indicate that multiple awards will now be offered, to undergraduate and/or graduate students; reformulate the term “top ranking” as needed in the context of multiple awards; allow for awards in Composition and in all areas included under the Music Scholarship undergraduate rubric, i.e. Music History, Music Theory, and Ethnomusicology. These areas identify degrees at the graduate level, and courses at the undergraduate level, so it will be easy for the School to identify students excelling in these areas at both levels. (Requested change to take effect for the 2011W Session)

Kapoor Singh SIDDOO Scholarship in Medicine - Through the generosity of the Kapoor Singh Siddoo Foundation a Scholarship is offered to a student of Medicine. This award is made to a student deserving of assistance with first class standing.

Kapoor Singh SIDDOO Scholarship in Forestry - Through the generosity of the Kapoor Singh Siddoo Foundation a Scholarship is offered to a student in Forestry. The award is made to worthy students deserving of assistance with first class standing.

Kapoor Singh SIDDOO Scholarship in Forest Ecology - Through the generosity of the Kapoor Singh Siddoo Foundation a Scholarship is offered to a student in the Forest Ecology. The award is made to a student deserving of assistance with first class standing.

How Amended: These three awards are now funded in part by an endowment. (Requested change to take effect for the 2011W Session)

SIGMA Chi Leadership Award - A \$1,000 award is offered by Sigma Chi to students entering their first year of university in any field of study. Since the Delta Omicron

chapter of Sigma Chi established itself at UBC in 1949, Sigma Chi has been an organization for serious-minded young men to grow into values-based leaders and develop lifelong ideals together. The award is to recognize student leadership and academic achievement in a male student entering his first year of study with preference that the recipient demonstrate the qualities that meet the standards of Sigma Chi membership: a man of high character, a student of fair ability, with ambitious purposes, a congenial disposition, possessed of good morals, having a high sense of honour, and a deep sense of personal responsibility. Recommendation is made by the Office of Student Financial Assistance and Awards.

How Amended: The award title is changed from SIGMA Chi Entrance Award to standardize the name of the award given out by the donor across all universities. (Requested change to take effect for the 2011W Session)

Florence and Lynn SULLY Award in Athletics - An award of \$2,550 has been endowed by Florence and Lynn Sully. The award is offered to a student having outstanding athletic abilities, with preference given to someone who has demonstrated academic excellence. The award is made on the recommendation of the President's Athletic Awards Committee.

How Amended: Changed from a scholarship to an award to broaden the number of eligible candidates. (Requested change to take effect for the 2011W Session)

UNIVERSITY Women's Club of Vancouver Scholarship in Education - A \$1,200 scholarship has been endowed by the University Women's Club of Vancouver for a student entering the Bachelor of Education program and is made on the recommendation of the Faculty.

How Amended: To clarify that the award is to be given to an undergraduate entering Education. (Requested change to take effect for the 2011W Session)

UNIVERSITY Women's Club of Vancouver Scholarship in Mathematics Education - A \$900 scholarship has been endowed by the University Women's Club of Vancouver Trust Fund for Education for a student entering the Faculty of Education specializing in Mathematics. The award is made on the recommendation of the Faculty of Education and in the case of graduate students, in consultation with the Faculty of Graduate Studies.

How Amended: To clarify that the award is to be given to a student entering the Faculty of Education. (Requested change to take effect for the 2011W Session)

UNIVERSITY Women's Club of Vancouver Dr. Evelyn Fenwick Farris Scholarship - A scholarship of \$1,312 the gift of the University Women's Club of Vancouver, is offered to a woman student who is a graduate of another faculty entering the Bachelor of Education program, or is entering the final year of a Bachelor of Education Dual Degree program. It is awarded to the applicant who, in the opinion of the Faculty of Education, is best qualified in terms of her personal qualities and academic record.

How Amended: To clarify that the award is to be given to a student entering the Bachelor of Education program, or is entering the final year of a Bachelor of Education Dual Degree program. (Requested change to take effect for the 2011W Session)

Anne D TILLEY Scholarship in Kinesiology - A \$600 scholarship has been endowed by Ms. Anne D. Tilley for graduate and fourth-year undergraduate students in Kinesiology who are conducting research in the field of developmental disability. The award is made on the recommendation of the School of Kinesiology.

How Amended: The inclusion of graduate students will broaden the range of student recipients. In addition, Human Kinetics is now called the School of Kinesiology.
(Requested change to take effect for the 2011W Session)

THE UNIVERSITY OF BRITISH COLUMBIA



Vancouver Senate Admissions Committee
c/o
Enrolment Services | Senate & Curriculum Services
Brock Hall 2016 – 1874 East Mall
Vancouver BC V6T 1Z1
Tel : (604) 822-8141 | Fax : (604) 822-5945

2 December 2011

To: Vancouver Senate

From: Admissions Committee

Re: **Bachelor of Education (approval)**
Application and Document Deadlines – Bachelor of Music (approval)
Applicants Following the BC/Yukon Secondary School Curriculum – Approved Grade 11
Language Courses (approval)

a) Bachelor of Education (approval)(circulated)

The Admissions Committee has reviewed and recommends for approval the revised calendar entry on admission requirements for applicants to the Bachelor of Education program. Effective the 2012 Winter Session, applicants will no longer be admitted to the two-year elementary program and the proposed revisions are to reflect this change. A number of editorial changes are also outlined.

Motion: *That Senate approve the revised calendar entry on admission for applicants to the Bachelor of Education program, effective for the 2012 Winter Session and thereafter.*

b) Application and Document Deadlines – Bachelor of Music (approval)(circulated)

The Admissions Committee has reviewed and recommends for approval the revised calendar entry on application and document deadlines for applicants to the Bachelor of Music program. The attached document indicates one application deadline for all applicants and provides additional information specific to the program.

Motion: *That Senate approve the revised calendar entry on application and document deadlines for applicants to the Bachelor of Music program, effective for entry to the 2012 Winter Session and thereafter.*

c) Applicants Following the BC/Yukon Secondary School Curriculum – Approved Grade 11 Language Courses (approval)(circulated)

The Admissions Committee has reviewed and recommends for approval proposed additions to the list of approved grade 11 language courses applicants following the BC/Yukon secondary school curriculum can present to satisfy the grade 11 language requirement for admission to direct-entry undergraduate programs. Associated courses at the grade 12 level, which may be used in the calculation of an admission average, have been added to the list of 'approved Grade 12 Courses' under the authority delegated to the Committee by Senate in December 2009.

Motion: *That Senate approve changes in admission requirements for applicants following the BC/Yukon secondary school curriculum, effective for admission to the 2012 Winter Session and thereafter.*

Respectfully submitted,

Dr. Richard Anstee
Chair, Admissions Committee

UBC Admission Proposal Form Change to Course or Program

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|---|--|
| <p>Faculty: Education Department: TEO Faculty Approval Date: Nov. 16, 2011 Effective Session : Term 1 2012 Winter Session Year for Change: 2011</p> | <p>Date: July 26, 2011 Contact Person: Sydney Craig Phone:604-822-4568 Email: sydney.craig@ubc.ca</p> |
| <p>URL: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,202,320,155</p> <p>Proposed Calendar Entry:</p> <p><u>Homepage</u>→ <u>Faculties, Colleges, and Schools</u> → <u>The Faculty of Education</u> → <u>Bachelor of Education</u>→Introduction</p> <p>Introduction</p> <p>The Faculty of Education offers the Bachelor of Education to persons interested in a career in teaching. Students admitted to one of the elementary, middle years or secondary teacher education programs undertake studies over a 12-month period.</p> | <p>URL: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,202,320,155</p> <p>Present Calendar Entry:</p> <p><u>Homepage</u>→ <u>Faculties, Colleges, and Schools</u> → <u>The Faculty of Education</u> → <u>Bachelor of Education</u>→Introduction</p> <p>Introduction</p> <p>The Faculty of Education offers the Bachelor of Education to persons interested in a career in teaching. Qualified applicants who wish to prepare as elementary teachers may select either a 12-month or a two-year option. Those interested in preparing to teach students in the middle years or in secondary schools undertake studies over a 12-month period.</p> <hr/> <p>Type of Action: Removal of information regarding 2 year option</p> <p>Rationale for Proposed Change: Applicants will no longer be admitted to the 2 year BEd elementary option after September 2012.</p> |
| <p>URL: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,202,320,157</p> <p><u>Homepage</u> → <u>Faculties, Colleges, and Schools</u> → <u>The Faculty of Education</u> → <u>Bachelor of Education</u>→Admission</p> <p>Proposed Calendar Entry:</p> <p>Elementary Teacher Education</p> <p>The Elementary Teacher Education option</p> | <p>URL: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,202,320,157</p> <p><u>Homepage</u> → <u>Faculties, Colleges, and Schools</u> → <u>The Faculty of Education</u> → <u>Bachelor of Education</u>→Admission</p> <p>Present Calendar Entry:</p> <p>Elementary Teacher Education</p> <p>The Elementary Teacher Education option</p> |

prepares students to teach Kindergarten to Grade 7. Applicants to the 12-month option must have completed a four-year degree including a minimum of 75 UBC equivalent credits acceptable to the Faculty of Education.

.... Admission Requirements. . . .

Part II

1. 18 senior credits (third- or fourth-year level) from one of, or any combination of: art, biology, chemistry, earth/geological sciences, English, French, geography, history, mathematics, music, physics.
2. 18 senior credits (third- or fourth-year level) from any combination of the following disciplines with no more than 12 credits from any one discipline: anthropology, asian studies, astronomy, biochemistry, botany, Canadian studies, Chinese, classical studies, **communication**, creative writing, dance, drama, economics, family studies, First Nations studies, **food science/human nutrition**, German, Italian, Japanese, Korean, kinesiology, linguistics, microbiology, oceanography, philosophy, physical education, physiology, political science, psychology, Punjabi, Russian, sociology, Spanish, statistics, women's studies, zoology.
3. Any combination of courses from above totalling 18 credits, with no more than 12 credits from section 2.

A minimum average of 65% is required on the pre-admission studies specified in Part I and Part II.

Applicants to the 12-month French Immersion or Core French program options must pass **an** oral and written French **diagnostic** test at an appropriate level prior to admission. **Applicants are strongly**

prepares students to teach Kindergarten to Grade 7. ~~While it is recommended that applicants have a bachelor's degree, candidates are eligible for admission to the two-year option with a minimum of 90 UBC equivalent credits acceptable to the Faculty of Education.~~ Applicants to the 12-month option must have completed a four-year degree including a minimum of 75 UBC equivalent credits acceptable to the Faculty of Education. ~~Both options require full-time study.~~

.... Admission Requirements. . . .

Part II

1. 18 senior credits (third- or fourth-year level) from one of, or any combination of: art, biology, chemistry, earth/geological sciences, English, French, geography, history, mathematics, music, physics.
2. 18 senior credits (third- or fourth-year level) from any combination of the following disciplines with no more than 12 credits from any one discipline: anthropology, asian studies, astronomy, biochemistry, botany, Canadian studies, Chinese, classical studies, creative writing, dance, drama, economics, family studies, First Nations studies, German, Italian, Japanese, Korean, kinesiology, linguistics, microbiology, oceanography, philosophy, physical education, physiology, political science, psychology, Punjabi, Russian, sociology, Spanish, statistics, women's studies, zoology.
3. Any combination of courses from above totalling 18 credits, with no more than 12 credits from section 2.

A minimum average of 65% is required on the pre-admission studies specified in Part I and Part II.

Applicants to the 12-month French Immersion or Core French program options ~~must have completed, in addition to, or as part of, the above requirements, a~~

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| <p>encouraged to have taken university level course work in French grammar and composition.</p> <p>Part III</p> <ol style="list-style-type: none"> 1. Applicants to the 12-month elementary option are required to have completed a four-year (120 credits) degree, or equivalent, of which at least 75 UBC equivalent credits are acceptable to the Faculty of Education. | <p>minimum of 9 credits in French at the second-year level or higher. These credits should include 3 credits in each of French literature, French grammar, and French composition. Applicants must also pass the oral and written French test at an appropriate level prior to admission. If applicants pass at the highest level, the required 9 credits of French may be waived. Please contact the Teacher Education Office for further information.</p> <p>Part III</p> <ol style="list-style-type: none"> 1. Applicants to the two-year elementary options are required to have completed at least 90 UBC equivalent credits acceptable to the Faculty of Education. 2. Applicants to the 12-month elementary option are required to have completed a four-year (120 credits) degree, or equivalent, of which at least 75 UBC equivalent credits are acceptable to the Faculty of Education. <hr/> <p>Type of Action: →Update admission requirements for BEd elementary program to include more disciplines for senior credit requirement as well as modify French program requirements. →Deletion of information related to 2-year option.</p> <p>Rationale for Proposed Change: →To be more reflective of current practice and requirements of both UBC and BCCT →Applicants will no longer be admitted to the 2 year BEd elementary option after September 2012.</p> |
| <p>URL: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,202,320,158</p> <p>Homepage →Faculties, Colleges, and Schools →The Faculty of Education →Bachelor of Education→Application</p> <p>Proposed Calendar Entry:</p> <p><i>1. Academic Requirements</i></p> | <p>URL: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,202,320,158</p> <p>Homepage →Faculties, Colleges, and Schools →The Faculty of Education →Bachelor of Education→Application</p> <p>Present Calendar Entry:</p> <p><i>1. Academic Requirements</i></p> |

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| <p>All applicants must have completed academic admission requirements prescribed by the Faculty of Education, including a four-year degree, 6 credits of English and various subjects specified for the elementary option, the middle years option or the secondary option.</p> | <p>All applicants must have completed academic admission requirements prescribed by the Faculty of Education, including a four-year degree (or 90 credits for the elementary two-year option); 6 credits of English and various subjects specified for the elementary option, the middle years option or the secondary option.</p> <hr/> <p>Type of Action:</p> <p>Deletion of information related to 2-year elementary option.</p> <p>Rationale for Proposed Change: Applicants will no longer be admitted to the 2-year elementary option after September, 2012.</p> |
| <p>URL: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,202,320,160</p> <p>Homepage → Faculties, Colleges, and Schools → The Faculty of Education → Bachelor of Education → Academic Regulations</p> <p>Termination, Withdrawal, and Readmission</p> <p>Proposed Calendar Entry:</p> <p>“Those required to withdraw are not normally readmitted to a teacher education program. In exceptional circumstances a student may, after at least one year, submit a formal appeal for permission to re-enrol. Such an appeal will be granted only after the appeal has been reviewed and approved by the Dean. A negative decision by the Dean may be appealed to the Senate Admissions Committee.”</p> | <p>URL: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,202,320,160</p> <p>Homepage → Faculties, Colleges, and Schools → The Faculty of Education → Bachelor of Education → Academic Regulations</p> <p>Termination, Withdrawal, and Readmission</p> <p>Present Calendar Entry:</p> <p>Those required to withdraw are not normally readmitted to a teacher education program. In exceptional circumstances a student may, after at least one year, submit a formal appeal for permission to re-enrol. Such an appeal will be granted only after review by the Dean and approval by the Senate Admissions Committee.</p> <hr/> <p>Type of Action: Update regulations regarding students required to withdraw from program to align them with current senate regulations Rationale for Proposed Change: Existing regulations do not reflect current senate regulations.</p> |



UBC Admission Proposal Form

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| Faculty: Arts Department: Music Faculty Approval Date: October 11, 2011 Effective Session: 2012 Winter Session Term1 Year: 2011 | Date: October 3, 2011 Contact Person: Richard Kurth Phone: 2-5436 Email: richard.kurth@ubc.ca |
| URL: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2,295,0,0 Proposed Calendar Entry: <u>Homepage</u> → <u>Admissions</u> → Application and Document Deadlines <i>Application and Document Deadlines</i> Application Deadlines for Undergraduate Degree and Diploma Programs Music B.Mus. Application deadline January 31 B.Mus. applicants complete a supplementary application, submit relevant supporting materials including reference letters, and visit UBC in February or March for auditions and entrance tests. (Applicants unable to visit send recordings and complete entrance tests under proxied supervision.) | URL: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2,295,0,0 Present Calendar Entry: <u>Homepage</u> → <u>Admissions</u> → Application and Document Deadlines <i>Application and Document Deadlines</i> Application Deadlines for Undergraduate Degree and Diploma Programs Music B.A. B.Mus. Application deadline January 15 (scholarship auditions)/February 28 (regular auditions) <hr/> Type of Action: 1. Restrict the new application deadline information to the B.Mus. program. 2. Consolidate the two application deadlines into one and change application deadline. 3. Add an entry in the “Notes” column of the table of exceptions. Rationale for the Proposed Changes: 1. Application procedures for the B.A. in Music are consistent with all other B.A. programs and don’t require a separate entry on the table of exceptions on this calendar page. 2. The School of Music has dropped the separate early scholarship auditions in favour of a single deadline. This deadline is being adjusted to align with the approved Senate proposal to change 2012 undergraduate application deadlines to January 31. 3. The added Note provides essential information about application requirements specific to the B.Mus. program (and not required for the B.A. in Music). |



UBC Undergraduate Admissions Proposal Form Change to Admission Requirements

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| <p>Effective Session: 2012 Admission Year for Change: To be posted to the calendar upon approval for the purpose of advising prospective students.</p> | <p>Date: November 17, 2011 Contact Persons: Graeme Joseph, Coordinator Strategic Aboriginal Initiatives Office of the Vice-President, Students 604 822-4041 graeme.joseph@ubc.ca Dr. Patricia Shaw Director and Associate Professor First Nations Languages Program, Linguistics Department, Faculty of Arts 604 822-2512, 604 822-6481 shawpa@interchange.ubc.ca</p> |
| <p>URL: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2.22,63.0</p> <p>Proposed Calendar Entry:</p> <p><u>Homepage</u> → <u>Admissions</u> → <u>Applicants</u> <u>Following the BC/Yukon Secondary School Curriculum</u> → Admission Requirements</p> <p><i>Admission Requirements</i></p> <p>[...]</p> <div>Approved Grade 11 Language Courses^{1 4}</div> <div>Athapaskan (with Athapaskan 12)</div> <div>American Sign Language (ASL)</div> <div>Arabic</div> <div>Chilcotin</div> <div>Français (Communication et Literature)</div> <div>Français (Langue)</div> <div>French</div> <div>German</div> <div>Gitksan</div> <div><u>Halq'eméylem</u></div> | <p>URL: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2.22,63.0</p> <p>Present Calendar Entry:</p> <p><u>Homepage</u> → <u>Admissions</u> → <u>Applicants</u> <u>Following the BC/Yukon Secondary School Curriculum</u> → Admission Requirements</p> <p><i>Admission Requirements</i></p> <p>[...]</p> <div>Approved Grade 11 Language Courses¹</div> <div>Athapaskan (with Athapaskan 12)</div> <div>American Sign Language (ASL) 11</div> <div>Arabic</div> <div>Chilcotin</div> <div>Français (Communication et Literature)</div> <div>Français (Langue)</div> <div>French</div> <div>German</div> <div>Gitksan</div> <div>Hebrew²</div> |

Hebrew²HeiltsukHul'q'umi'num'

Italian

Japanese

Korean

Kwak'wala

Latin

Liqwala/Kwakwala

Mandarin Chinese

Musqueam³

Nisga'a

nsíylxcənNte?kepmxcinNuu-chah-nult

Nuxhalk

Punjabi

Russian

Sechelt

Secwepemctsin (Shuswap)Shashishalhem (Sechelt Language)Sim'algaxhl Nisga'a

Sm'algyax

Spanish

Tsek'eneUpper St'at'imcets¹ External Language Certificate 11 or External Language Assessment 11 will meet the language 11 admission requirement.² King David High School or Pacific Torah Institute.³ Taught through UBC courses FNLG 101 and 102.⁴ Technological limitations prevent UBC from appropriately reflecting some languages in the

Italian

Japanese

Korean

Latin

Mandarin Chinese

Musqueam³

Nisga'a

Nuxhalk

Punjabi

Russian

Sechelt

Shuswap

Sm'algyax

Spanish

¹ External Language Certificate 11 or External Language Assessment 11 will meet the language 11 admission requirement.² King David High School or Pacific Torah Institute.³ Taught through UBC courses FNLG 101 and 102.



Calendar. We are working to address this for the future.

Type of Action: Addition of language courses at the Grade 11 (non-introductory) level to meet the grade 11 language requirement for admission to direct-entry undergraduate programs.

Rationale: These language courses are at the Grade 11 level and are provincially-approved to meet graduation requirements. Associated courses at the Grade 12 level have been added to the list of 'approved Grade 12 Courses' under the authority delegated to the Committee by Senate in December 2009.

THE UNIVERSITY OF BRITISH COLUMBIA



Vancouver Senate Curriculum Committee

c/o

Enrolment Services | Senate & Curriculum Services

Brock Hall 2016 – 1874 East Mall | Vancouver BC | V6T 1Z1

lindsey.kovacevic@ubc.ca | PH 604.822.9134 | FX 604.822.5945

29 November 2011

To: Vancouver Senate

From: Senate Curriculum Committee

RE: December Curriculum Proposals (approval)

The Senate Curriculum Committee has reviewed the material forwarded to it by the Faculties, and encloses those proposals it deems as ready for approval.

As such, the following is recommended to Senate:

Motion: *That the new courses and program changes brought forward by the Faculties of Applied Science, Arts, Graduate Studies (Applied Science, Arts, College for Interdisciplinary Studies, Education, Forestry, Land and Food Systems, Medicine, and Science) and Science be approved.*

Respectfully submitted,

Dr. Peter Marshall, Chair
Senate Curriculum Committee

THE UNIVERSITY OF BRITISH COLUMBIA



Vancouver Senate Curriculum Committee

c/o

Enrolment Services | Senate & Curriculum Services

Brock Hall 2016 – 1874 East Mall | Vancouver BC | V6T 1Z1
lindsey.kovacevic@ubc.ca | PH 604.822.9134 | FX 604.822.5945

29 November 2011

To: Vancouver Senate

From: Senate Curriculum Committee

RE: **CURRICULUM PROPOSALS FROM THE FACULTY OF
APPLIED SCIENCE**

The Senate Curriculum Committee has reviewed the attached Category 1 proposals from the Faculty of Applied Science and is pleased to submit them for your consideration.

Program Changes

Bachelor of Applied Science > Electrical and Computer Engineering > Electrical Engineering Third Year

Bachelor of Applied Science > Electrical and Computer Engineering > Electrical Engineering > Biomedical Engineering Option Third Year

Bachelor of Applied Science > Electrical and Computer Engineering > Electrical Engineering > Electrical Energy Systems Option Third Year

Bachelor of Applied Science > Electrical and Computer Engineering > Electrical Engineering > Nanotechnology and Microsystems Option Third Year

Bachelor of Applied Science > Electrical and Computer Engineering > Computer Engineering > Software Engineering Option Third Year

Bachelor of Applied Science > Electrical and Computer Engineering > Computer Engineering Third Year

Electrical and Computer Engineering

New Courses

EECE 309 (4)

EECE 362 (3)

EECE 380 (4)

EECE 381 (5)

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| Faculty: Faculty of Applied Science Department: Electrical and Computer Engineering Faculty Approval Date: Nov 4, 2011 Effective Date: September 2012 | Date: Oct 4, 2011 Contact Person: Nick Jaeger Phone: 2-5673 Email: nickj@ece.ubc.ca | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Proposed Calendar Entry:</p> <p>Electrical Engineering</p> <p>Third Year</p> <table> <tr><td>EECE 352</td><td>3</td></tr> <tr><td>EECE 353</td><td>3</td></tr> <tr><td>EECE 356</td><td>3</td></tr> <tr><td>EECE 359</td><td>3</td></tr> <tr><td>EECE 360</td><td>3</td></tr> <tr><td>EECE 362</td><td>3</td></tr> <tr><td>EECE 364</td><td>3</td></tr> <tr><td>EECE 373</td><td>4</td></tr> <tr><td>EECE 380</td><td>4</td></tr> <tr><td>STAT 251</td><td>3</td></tr> <tr><td>Complementary Studies electives¹</td><td>6</td></tr> <tr><td>Total Credits</td><td>38</td></tr> </table> | EECE 352 | 3 | EECE 353 | 3 | EECE 356 | 3 | EECE 359 | 3 | EECE 360 | 3 | EECE 362 | 3 | EECE 364 | 3 | EECE 373 | 4 | EECE 380 | 4 | STAT 251 | 3 | Complementary Studies electives ¹ | 6 | Total Credits | 38 | <p>URL: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,195,272,39#1822</p> <p>Present Calendar Entry:</p> <p>Electrical Engineering</p> <p>Third Year</p> <table> <tr><td>EECE 314</td><td>3</td></tr> <tr><td>EECE 352</td><td>3</td></tr> <tr><td>EECE 353</td><td>3</td></tr> <tr><td>EECE 356</td><td>4</td></tr> <tr><td>EECE 359</td><td>3</td></tr> <tr><td>EECE 360</td><td>3</td></tr> <tr><td>EECE 364</td><td>2</td></tr> <tr><td>EECE 364</td><td>4</td></tr> <tr><td>EECE 373</td><td>4</td></tr> <tr><td>STAT 251</td><td>3</td></tr> <tr><td>Complementary Studies electives¹</td><td>6</td></tr> <tr><td>Total Credits</td><td>38</td></tr> </table> <p>Type of Action: Removal of EECE 314, EECE 361.</p> <p>Insertion of EECE 362 and EECE 380. Change credits of EECE 356 and EECE 364.</p> <p>Rationale for Proposed Change: Integrate the design and hands on experience corresponding to third year courses.</p> <p>Category 1</p> | EECE 314 | 3 | EECE 352 | 3 | EECE 353 | 3 | EECE 356 | 4 | EECE 359 | 3 | EECE 360 | 3 | EECE 364 | 2 | EECE 364 | 4 | EECE 373 | 4 | STAT 251 | 3 | Complementary Studies electives ¹ | 6 | Total Credits | 38 |
| EECE 352 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 353 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 356 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 359 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 360 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 362 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 364 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 373 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 380 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STAT 251 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Complementary Studies electives ¹ | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| EECE 314 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 352 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 353 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 356 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 359 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 360 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 364 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 364 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 373 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STAT 251 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Complementary Studies electives ¹ | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>Proposed Calendar Entry: Biomedical Engineering Option</p> <p>Third Year</p> <table> <tr><td>BMEG 452</td><td>3</td></tr> <tr><td>BMEG 456</td><td>3</td></tr> <tr><td>EECE 314</td><td>3</td></tr> <tr><td>EECE 331</td><td>3</td></tr> <tr><td>EECE 352</td><td>3</td></tr> <tr><td>EECE 353</td><td>3</td></tr> <tr><td>EECE 359</td><td>3</td></tr> <tr><td>EECE 360</td><td>3</td></tr> <tr><td>EECE 364</td><td>3</td></tr> <tr><td>EECE 374</td><td>4</td></tr> <tr><td>EECE 380</td><td>4</td></tr> <tr><td>STAT 251</td><td>3</td></tr> </table> <p>Complementary Studies electives¹ 3</p> <p>Total Credits 41</p> | BMEG 452 | 3 | BMEG 456 | 3 | EECE 314 | 3 | EECE 331 | 3 | EECE 352 | 3 | EECE 353 | 3 | EECE 359 | 3 | EECE 360 | 3 | EECE 364 | 3 | EECE 374 | 4 | EECE 380 | 4 | STAT 251 | 3 | <p>URL: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,195,272,39#14533</p> <p>Present Calendar Entry: Biomedical Engineering Option</p> <p>Third Year</p> <table> <tr><td>BMEG 452</td><td>3</td></tr> <tr><td>BMEG 456</td><td>3</td></tr> <tr><td>EECE 314</td><td>3</td></tr> <tr><td>EECE 331</td><td>3</td></tr> <tr><td>EECE 352</td><td>3</td></tr> <tr><td>EECE 353</td><td>3</td></tr> <tr><td>EECE 359</td><td>3</td></tr> <tr><td>EECE 360</td><td>3</td></tr> <tr><td>EECE 364</td><td>4</td></tr> <tr><td>EECE 374</td><td>4</td></tr> <tr><td>STAT 251</td><td>3</td></tr> </table> <p>Complementary Studies electives¹ 3</p> <p>Total Credits 38</p> <p>Type of Action:</p> <p>Add new course EECE 380. Change credits for EECE 364.</p> <p>Rationale for Proposed Change: To integrate the lab and design experience for third year and to reflect the new CEAB requirements for accreditation.</p> <p>Category 1</p> | BMEG 452 | 3 | BMEG 456 | 3 | EECE 314 | 3 | EECE 331 | 3 | EECE 352 | 3 | EECE 353 | 3 | EECE 359 | 3 | EECE 360 | 3 | EECE 364 | 4 | EECE 374 | 4 | STAT 251 | 3 |
| BMEG 452 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BMEG 456 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 314 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 331 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 352 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 353 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 359 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 360 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 364 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 374 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 380 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STAT 251 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| EECE 352 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 353 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 359 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 360 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 364 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 374 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>Proposed Calendar Entry:</p> | <p>URL: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,195,272,39#16467</p> <p>Present Calendar Entry:</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| EECE 353 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 356 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 359 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 360 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 362 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 364 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 373 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 380 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STAT 251 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Complementary Studies electives ¹ | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| EECE 314 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 352 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 353 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 356 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 359 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 360 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 361 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 364 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 373 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STAT 251 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Complementary Studies electives ¹ | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>Proposed Calendar Entry: Nanotechnology and Microsystems Option</p> <p>Third Year</p> <table> <tr><td>EECE 300</td><td>3</td></tr> <tr><td>EECE 301</td><td>2</td></tr> <tr><td>EECE 352</td><td>3</td></tr> <tr><td>EECE 353</td><td>3</td></tr> <tr><td>EECE 356</td><td>3</td></tr> </table> | EECE 300 | 3 | EECE 301 | 2 | EECE 352 | 3 | EECE 353 | 3 | EECE 356 | 3 | <p>URL: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,195,272,39#16072</p> <p>Present Calendar Entry: Nanotechnology and Microsystems Option</p> <p>Third Year</p> <table> <tr><td>EECE 300</td><td>3</td></tr> <tr><td>EECE 301</td><td>2</td></tr> <tr><td>EECE 352</td><td>3</td></tr> <tr><td>EECE 353</td><td>3</td></tr> <tr><td>EECE 356</td><td>4</td></tr> </table> | EECE 300 | 3 | EECE 301 | 2 | EECE 352 | 3 | EECE 353 | 3 | EECE 356 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| EECE 301 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 352 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 353 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 356 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 300 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 301 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 352 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 353 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 356 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| EECE 359 | 3 | EECE 359 | 3 |
| EECE 360 | 3 | EECE 360 | 3 |
| EECE 364 | 3 | EECE 364 | 4 |
| EECE 373 | 4 | EECE 373 | 4 |
| EECE 380 | 4 | STAT 251 | 3 |
| STAT 251 | 3 | | |
| Complementary Studies electives ¹ | 6 | Complementary Studies electives ¹ | 6 |
| Total Credits | 40 | Total Credits | 38 |
| | | <p>Type of Action: Credits reduced in EECE 356 and EECE 364. Add new course EECE 380.</p> <p>Rationale for Proposed Change: To integrate the lab and design experience for third year and to reflect the new CEAB requirements for accreditation.</p> <p>Category 1</p> | |
| <p>Proposed Calendar Entry:</p> <p>Software Engineering Option</p> <p>Third Year</p> <p>CPSC 304 3</p> <p>EECE 309 4</p> <p>EECE 310 3</p> <p>EECE 315 4</p> <p>EECE 320 4</p> <p>EECE 353 3</p> <p>EECE 381 5</p> <p>MATH 318 3</p> <p>Complementary Studies 6</p> | | <p>URL: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,195,272,39#6709</p> <p>Present Calendar Entry:</p> <p>Software Engineering Option</p> <p>Third Year</p> <p>CPSC 304 3</p> <p>EECE 310 3</p> <p>EECE 315 4</p> <p>EECE 320 3</p> <p>EECE 353 3</p> <p>EECE 369 3</p> <p>EECE 375 6</p> <p>STAT 251 3</p> | |

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|---|---|----------|----------|---|----------|----------|----------|---|----------|---|-----------------|----------|-----------------|----------|--|---------------------|--------------|----------|---|----------|--------------|----------|---|----------|---|---------------------|--------------|---------------------|--------------|
| <p>electives¹</p> <p>Total Credits 35</p> | <p>Complementary Studies 6 electives¹</p> <p>Total Credits 34</p> <p>Type of Action: Include EECE 309 (Software Design). Increase credits to 4 for EECE 320. Replace EECE 375 with EECE 381. Replace STAT 251 with MATH 318. Remove EECE 369 as a required course for Software Engineering.</p> <p>Rationale: These changes reflect overall program changes. EECE 309 is a course on Software Design. EECE 381 is the 3rd year design studio experience that replaces an earlier project course. MATH 318 provides a better coverage of probability models for Computer Engineers. EECE 369 (Signals & Systems) is of limited value to a software engineer and may be taken as an elective.</p> <p>Category 1</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Proposed Calendar Entry:</p> <p>Computer Engineering</p> <p>Third Year</p> <table data-bbox="191 1501 592 1879"> <tr><td>EECE 309</td><td>4</td></tr> <tr><td>EECE 315</td><td>4</td></tr> <tr><td>EECE 320</td><td>4</td></tr> <tr><td>EECE 353</td><td>3</td></tr> <tr><td>EECE 369</td><td>3</td></tr> <tr><td>EECE 381</td><td>5</td></tr> <tr><td>MATH 318</td><td>3</td></tr> </table> | EECE 309 | 4 | EECE 315 | 4 | EECE 320 | 4 | EECE 353 | 3 | EECE 369 | 3 | EECE 381 | 5 | MATH 318 | 3 | <p>URL: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,195,272,39#6704</p> <p>Present Calendar Entry:</p> <p>Computer Engineering</p> <p>Third Year</p> <table data-bbox="820 1501 1218 1879"> <tr><td>EECE 310</td><td>3</td></tr> <tr><td>EECE 315</td><td>4</td></tr> <tr><td>EECE 320</td><td>3</td></tr> <tr><td>EECE 353</td><td>3</td></tr> <tr><td>EECE 369</td><td>3</td></tr> <tr><td>EECE 375</td><td>6</td></tr> <tr><td>STAT 251</td><td>3</td></tr> </table> | EECE 310 | 3 | EECE 315 | 4 | EECE 320 | 3 | EECE 353 | 3 | EECE 369 | 3 | EECE 375 | 6 | STAT 251 | 3 |
| EECE 309 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 315 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 320 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 353 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 369 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 381 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MATH 318 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 310 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 315 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 320 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 353 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 369 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EECE 375 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STAT 251 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| <p>Computer Engineering. Elective 3</p> <p>Complementary Studies 6 electives¹</p> <p>Total Credits 35</p> | <p>Complementary Studies 6 electives¹</p> <p>Total Credits 34</p> <p>Type of Action: Replace EECE 310 with EECE 309. Increase credits to 4 for EECE 320. Replace EECE 375 with EECE 381. Replace STAT 251 with MATH 318. Inclusion of a Computer Engineering Elective.</p> <p>Rationale: These changes reflect overall program changes. EECE 309 is a course on Software Design. EECE 381 is the 3rd year design studio experience that replaces an earlier project course. MATH 318 provides a better coverage of probability models for Computer Engineers.</p> <p>Category 1</p> |
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| <p>Proposed Calendar Entry:</p> <p>EECE 309 (4) Principles of Software Design Design, implementation, reasoning about software systems: Abstraction and specification of software, testing, verification, abstract data types, object-oriented design, design patterns, type hierarchies, concurrent software design. [3-2-0] Prerequisites: EECE 259, CPSC 260, CPSC 261</p> | <p>URL: EECE</p> <p>Present Calendar Entry: None</p> <p>Type of Action: New Course</p> <p>Rationale for Proposed Change: Students in the Computer Engineering program do not have a course on software design, which results in a significant gap in their ability of design software systems. Currently part of this material is combined with software engineering concepts (in EECE 310) and it is preferred that the two be separated.</p> <p>X Not available for Cr/D/F grading.</p> <p><input type="checkbox"/> Pass/Fail or <input type="checkbox"/> Honours/Pass/Fail grading</p> <p>Category 1</p> |
| <p>Proposed Calendar Entry:</p> <p>EECE 362 (3) Communications Systems and Networks Transceiver architectures; link budget analysis; elements of analog and digital communications methods; packet switched networks; multiple access; Internet architecture and protocols. This course is not eligible for Credit/D/Fail grading. [3-0-1] Prerequisite: One of EECE 359, EECE 369</p> | <p>URL: EECE</p> <p>Present Calendar Entry: None</p> <p>Action: New Course</p> <p>Rationale: Update of 3rd year curriculum</p> <p>X Not available for Cr/D/F grading.</p> <p><input type="checkbox"/> Pass/Fail or <input type="checkbox"/> Honours/Pass/Fail grading</p> <p>Category 1</p> |

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| <p>Proposed Calendar Entry:</p> <p>EECE 380 (4) Design Studio III Introduction to project management. Problem definition. Design principles and practices. Implementation techniques including circuit design, software design, solid modeling, PCBs, assembling and packaging. Testing and evaluation. Effective presentations. [2-4-0] Prerequisites: Two of EECE 352, EECE 356, EECE 362, EECE 364, EECE 374.</p> | <p>URL: EECE</p> <p>Present Calendar Entry: None.</p> <p>Action New course. Rationale: Expand the students open design experience using concepts and techniques acquired in third year theoretical courses, while consolidating and integrating the hands on experience associated with third year courses.</p> <p>X Not available for Cr/D/F grading.</p> <p><input type="checkbox"/> Pass/Fail or <input type="checkbox"/> Honours/Pass/Fail grading</p> <p>Category 1</p> |
| <p>Proposed Calendar Entry:</p> <p>EECE 381 (5) Computer Systems Design Studio Design and implementation of a hardware platform and software design and implementation at the operating system and application layers. Project management skills. [1-8-0] Prerequisites: EECE 353, EECE 315, EECE 309.</p> | <p>URL: EECE</p> <p>Present Calendar Entry:</p> <p>Type of Action: New Course</p> <p>Rationale for Proposed Change: To extend student learning in core computer engineering material through a synthesis project involving the design and implementation of digital systems, operating system elements and application-level software systems.</p> <p>X Not available for Cr/D/F grading.</p> <p><input type="checkbox"/> Pass/Fail or <input type="checkbox"/> Honours/Pass/Fail grading</p> <p>Category 1</p> |



THE UNIVERSITY OF BRITISH COLUMBIA

Enrolment Services
Senate and Curriculum Services
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Vancouver, BC V6T 1Z1
ubc.curriculum@ubc.ca
T: 604.822.0140 F: 604.822.5945

24 November 2011

To: Vancouver Senate

From: Senate Curriculum Committee

Re: **CURRICULUM PROPOSALS FROM THE FACULTY OF ARTS**

Attached please find the Category 1 undergraduate curriculum proposals from the Faculty of Arts for your consideration.

The following **new courses**:

Anthropology

ANTH 333 (3)

Asian Studies

ASIA 211 (3)

ASIA 212 (3)

ASIA 331 (3)

ASIA 334 (3)

ASIA 362 (3/6) D

Classical, Near Eastern and Religious Studies (CNERs)

CLST 260 (3)

Economics

ECON 468 (3/6) D

ECON 482 (3)

English

ENGL 231 (3)

Geography

GEOG 220 (3)

Political Science

POLI 110 (3)

Sociology

SOCI 220 (3)

SOCI 285 (3)

Theatre and Film

FIPR 230 (3)

The following **program changes**:

Bachelor of Arts > Program Requirements

Bachelor of Arts > Dual Degree Program in Arts and Applied Science

Bachelor of Arts > Environment and Society

Bachelor of Arts > Interdisciplinary Studies

Bachelor of Arts > Academic Regulations > Outside Credits

The above program changes reflect a proposal to set a minimum program requirement of 72 credits from the Faculty of Arts/maximum of 48 credits from outside the Faculty of Arts, for a Bachelor of Arts (B.A.), and a Bachelor of Fine Arts (B.F.A.).

**UBC Curriculum Proposal Form
Change to Course or Program
Category: (1)**

Course Changes

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| Faculty: Arts Department: Anthropology Faculty Approval Date: October 11, 2011 Effective Session 2012 Winter Term 1 | Date: May 8, 2011 Contact Person: Bill McKellin Phone: 2-2756 Email: mcke@interchange.ubc.ca |
| ANTH 333 (3) Language and Power Proposed Calendar Entry: A sociolinguistic examination of the role of language in articulating, maintaining, and subverting power relations in society. | URL: n/a Present Calendar Entry: n/a Type of Action: New course Rationale: A new appointment makes it possible to augment our offerings in linguistic anthropology with a course that complements existing strengths in political, gender, medical, and legal anthropology. |
| Faculty: Arts Department: Asian Studies Faculty Approval Date: October 11, 2011 Effective Session 2011 Winter Term 2 | Date: October 26, 2010 Contact Person: Lonnie Chase Phone: 604-822-9266 Email: lchase@interchange.ubc.ca |
| Proposed Calendar Entry: ASIA 211 (3) Sex, Sexual Ethics, and Asian Religions Sex and sexual ethics in the scriptures, monastic rules, rituals, and narratives of Asian religions, such as Sikhism, Hinduism, Buddhism, and Confucianism. | URL: N/A Present Calendar Entry: N/A Type of Action: New Course Rationale: This course, in which the Department has a number of specialists, is proposed in response to the Faculty of Arts' requirement for an Intensive Writing |

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| | course. Responding to the interest of undergraduate students in the Department, this pan-Asia, thematic course will prepare students for advanced undergraduate courses that focus on a particular Asian region or religion. |
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| Faculty: Arts Department: Asian Studies Faculty Approval Date: October 11, 2011 Effective Session 2011 Winter Term 2 | Date: October 30, 2010 Contact Person: Lonnie Chase Phone: 604-822-9266 Email: lchase@interchange.ubc.ca |
| Proposed Calendar Entry: ASIA 212 (3) Writing about Japan Literary, historiographic, religious, and feminist approaches to Japanese myths, legal tracts, religious tales, fiction and poetry. | URL: n/a Present Calendar Entry: n/a Type of Action: New course Rationale: While introducing students to a variety of disciplinary approaches has its drawbacks, it is an approach that serves our majors well. Few students studying Japan, one of the most popular areas of study in the Department of Asian Studies, proceed through their undergraduate training taking courses from only one disciplinary perspective. With this course students will improve their writing and analytical skills in regards to relevant literary, historiographic, religious, and feminist approaches to Japanese materials, thereby allowing them to proceed through the major with greater success. |

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| Faculty: Arts Department: Asian Studies Faculty Approval Date: October 11, 2011 Effective Session: 2011 Winter Term 2 | Date: May 5, 2011 Contact Person: Lonnie Chase Phone: 604-822-9266 Email: Lonnie.chase@ubc.ca |
| | URL: |

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| <p>Proposed Calendar Entry:</p> <p>ASIA 331 (3): Islam in Indonesia Islam as a transnational phenomenon with specific reference to its Indonesian forms.</p> | <p>n/a</p> <p>Present Calendar Entry: n/a</p> <p>Type of Action: New course</p> <p>Rationale: The majority of the world's Muslims live in Asia, and yet Islam is generally taught within Departments that focus on the Middle East. This class will embrace both the global forms of Islam and its central place in the political, cultural, and religious history of Indonesia and the Malay world. It will introduce students to the multitude of forms the traditions have taken in Indonesia as the nation with the largest Muslim population in the world. The class will form one key class in a series of classes in the Department that address the religious traditions of Asia,</p> |
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| <p>Faculty: Arts Department: Asian Studies Faculty Approval Date: October 11, 2011 Effective Session: 2011 Winter Term 2</p> | <p>Date: May 5, 2011 Contact Person: Lonnie Chase Phone: 604-822-9266 Email: Lonnie.chase@ubc.ca</p> |
| <p>Proposed Calendar Entry:</p> <p>ASIA 334 (3): Indonesian Cinema Representations of social and political relations, cultural traditions and regional differences, marriage, family and kinship ties and gender politics in Indonesia as shown through Indonesian cinema.</p> | <p>URL: n/a</p> <p>Present Calendar Entry: n/a</p> <p>Type of Action: New course</p> <p>Rationale: Our department's current suite of courses on Asian cinemas (Bollywood, Chinese, Japanese, Korean, Punjabi) are proving to be excellent vehicles for teaching the culture and societal dynamics of the relevant regions (and for stimulating students to take additional courses in the language, culture, history, literatures and</p> |

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| | religions of the target area), and serve as popular and pedagogically empowering supplements to the parallel Asian language programs. Indonesian cinema will augment the course offerings related to Southeast Asia. |
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| Faculty: Arts Department: Asian Studies Faculty Approval Date: October 11, 2011 Effective Session 2011 Winter Term 2 | Date: October 30, 2010 Contact Person: Lonnie Chase Phone: 604-822-9266 Email: lchase@interchange.ubc.ca |
| <p>Proposed Calendar Entry:</p> <p>ASIA 362 (3/6) d Pre-Modern Japanese Fiction (in translation) The influential genre of early tales and fiction in pre-modern Japan.</p> | <p>URL: n/a</p> <p>Present Calendar Entry: n/a</p> <p>Type of Action: New course</p> <p>Rationale:</p> <p>This new course will enhance UBC's course offerings on Asian literature by providing an upper division course that looks at the influential genre of early tales/fiction (monogatari / fiction). Existing courses don't allow for a close study of this important genre. It will also work well alongside our course ASIA 364 and other courses that consider modern Japanese fiction. Depending on the year, this course may focus—as does the sample syllabi—on <i>The Tale of Genji</i> (ca. 1009), often considered the world's first psychological novel. The course could also cover tale literature from a variety of periods. (two sample syllabi provided)</p> |

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| <p>Faculty: Arts Department: Classical, Near Eastern and Religious Studies Faculty Approval Date: October 11, 2011 Effective Session 2012 Winter Term 1</p> | <p>Date: Contact Person: Siobhán McElduff Phone: 604 827 4331 Email: siobhan.mcelduff@ubc.ca</p> |
| <p>Proposed Calendar Entry:</p> <p>CLST 260 (3) Gladiators, Games, and Spectacle in the Greek and Roman World</p> <p>History, development, and social function of various forms of spectacle in ancient Greece and Rome, from the Olympic games to the Roman arena.</p> | <p>URL:</p> <p>Present Calendar Entry: None</p> <p>Type of Action: New Course</p> <p>Rationale for Proposed Change:</p> <p>This course will serve as an introduction to the history and role of games and spectacle in the Greek and Roman world.</p> <p>No prerequisite will be required for the course.</p> <p>The course will be capped at about 80 students to begin with, and may expand in the future.</p> <p>This course will be of interest to those students taking a major in any of the programs offered through the Department of Classical, Near Eastern, and Religious Studies who are interested in aspects of Rome's culture and history (particularly social history), students who are taking a major in the History department with an interest in Greek and Roman social history, games, spectacle, theatre, and the social and political use of spectacle, as well as other students in Arts or Science with a more general interest in the history and development of sports and spectacle.</p> <p>The course will begin with an examination of the role of games and performance in the Greek world before it moves to Rome and the role of gladiatorial combat and</p> |

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| | <p>spectacle in daily life, politics and in promoting the ideology of the Roman empire.</p> <p>Specific topics which will also be examined include: the Olympic games, religion and spectacle, athletes, gladiators, the military triumph, chariot racing, music, arenas, beast hunts, and later receptions and reactions to gladiatorial combat.</p> <p><input checked="" type="checkbox"/> Not available for Cr/D/F grading. (Check the box if the course is NOT eligible for Cr/D/F grading. Note: Not applicable to graduate-level courses.)</p> <p><input type="checkbox"/> Pass/Fail or <input type="checkbox"/> Honours/Pass/Fail grading (Check one of the above boxes if the course will be graded on a P/F or H/P/F basis. Default grading is percentage.)</p> |
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| <p>Faculty: Arts Department: Economics Faculty Approval Date: October 11, 2011 Effective Session 2011 Winter Term 2</p> | <p>Date: August 18, 2011 Contact Person: Professor Hugh M. Neary, Associate Head Phone: 604-822-4505 Email: neary@mail.ubc.ca</p> |
| <p>Proposed Calendar Entry:</p> <p>ECON 468 (3/6)d Economics of Intellectual Property: Patents, Drugs and Rock ‘n Roll.</p> <p>Economic research into patents and copyrights, and policies regulating them. Analysis of the impact of stronger intellectual property rights on innovative activity, with applications to culture, the music industry, pharmaceuticals, consumer electronics, and the Internet.</p> <p>Prerequisite: One of ECON 301, ECON 304.</p> | <p>URL: http://www.calendar.ubc.ca/vancouver/courses.cfm?code=ECON</p> <p>Present Calendar Entry: None.</p> <p>Type of Action: Add a new course.</p> <p>Rationale for Proposed Change: This course is intended to introduce students to theoretical and empirical research in the economics of intellectual property, with applications to antitrust cases and policy issues in patent and copyright reform. Both economics majors and non-majors are welcome.</p> |

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| | <p><input type="checkbox"/> Not available for Cr/D/F grading. (Check the box if the course is NOT eligible for Cr/D/F grading. Note: Not applicable to graduate-level courses.)</p> <p><input type="checkbox"/> Pass/Fail or <input type="checkbox"/> Honours/Pass/Fail grading (Check one of the above boxes if the course will be graded on a P/F or H/P/F basis. Default grading is percentage.)</p> |
| <p>Faculty: Arts Department: Economics Faculty Approval Date: October 11, 2011 Effective Session 2011 Winter Term 2</p> | <p>Date: September 14, 2011 Contact Person: Professor Hugh M. Neary, Associate Head Phone: 604-822-4505 Email: neary@mail.ubc.ca</p> |
| <p>Proposed Calendar Entry:</p> <p>ECON 482 (3) The Economic Consequences of Religion</p> <p>Analysis of the economic aspects of religious behaviour, the structure of religious organizations, the effects of competition in the religious marketplace, the economic benefits of religion, and some of the ill-effects of religion (such as religious strife and terrorism).</p> <p>Prerequisite: ECON 301</p> | <p>URL: http://www.calendar.ubc.ca/vancouver/courses.cfm?code=ECON</p> <p>Present Calendar Entry: None.</p> <p>Type of Action: Add a new course.</p> <p>Rationale for Proposed Change: This course is intended to provide an understanding of the economics of religion.</p> <p><input type="checkbox"/> Not available for Cr/D/F grading. (Check the box if the course is NOT eligible for Cr/D/F grading. Note: Not applicable to graduate-level courses.)</p> <p><input type="checkbox"/> Pass/Fail or <input type="checkbox"/> Honours/Pass/Fail grading (Check one of the above boxes if the course will be graded on a P/F or H/P/F basis. Default grading is percentage.)</p> |

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| <p>Faculty: ARTS Department: English Faculty Approval Date: October 11, 2011 Effective Session 2011 Winter Term 2</p> | <p>Date: 20 October 2010 Contact Person: Margery Fee Phone: 2-4085 Email: Margery.fee@ubc.ca</p> |
| <p>Proposed Calendar Entry: ENGL 231 (3) Introduction to Indigenous Literatures A study of cultural expression in contemporary indigenous contexts.</p> <p>Prerequisite: Either (a) ARTS 001 or (b) two of ENGL 100, ENGL 110, ENGL 111, ENGL 112, ENGL 120, ENGL 121 or (c) ASTU 100 or (d) ASTU 150 and one of ENGL 110, ENGL 111, ENGL 120, ENGL 121. Or 6 credits of first-year English.</p> | <p>Type of Action: New course</p> <p>Rationale for Proposed Change: The course will provide an introduction to a senior course, ENGL 476. Students whose major is not English will be able to learn about Indigenous cultural expression without having to qualify for a senior literature course. Students in other faculties, exchange and international students, and majors in other Arts subjects will find this a useful addition to their programs.</p> <p><input type="checkbox"/> Not available for Cr/D/F grading. (Check the box if the course is NOT eligible for Cr/D/F grading. Note: Not applicable to graduate-level courses.)</p> |

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| Faculty: Arts Department: Geography Faculty Approval Date: October 11, 2011 Effective Session: 2012 Winter Term 1 | Date: March 28 2011 Contact Person: Karen Young Phone: 822 2020 Email: young@geog.ubc.ca |
| Proposed Calendar Entry: GEOG 220 (3) Geopolitics Political geographic perspectives on today's interdependent world through three themes: borders, regions, and flows. Prerequisites: 2 nd year standing or higher. | URL: N/A Present Calendar Entry: N/A Type of Action: New Course Rationale: Reflecting the department's strength in political geography, this course investigates geographical perspectives on the study of global affairs. Focusing on the themes of borders, regions, and flows, it offers a distinctly geographical analysis of these key societal issues of our time. In so doing, the course provides a link between two first-year offerings (GEOG 121/122) and a diverse roster of more specialized third-year courses in human geography. It also responds to a recent creation of the Environment and Sustainability Major in Geography and the resulting need for integrative courses that introduce students to the spatial dimensions of global problems. |

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| Faculty: Arts Department: Political Science Faculty Approval Date: October 11, 2011 Effective Session 2012 Winter Term 1 | Date: May 30, 2011 Contact Person: Fred Cutler Phone: 822-6841 Email: fred.cutler@ubc.ca |
| Proposed Calendar Entry: POLI 110 (3) Investigating Politics: An Introduction to Scientific Political Analysis The logic, challenges, and major strategies of empirical political research. Students learn core research tasks including: asking answerable questions, defining concepts, | Type of Action: New Course Rationale: Current lower-level POLI courses do not prepare students to engage with the research strategies used to produce empirical research studies now commonly taught in upper-level courses. Nor do our lower-level courses signal much of the course content in |

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| formulating hypotheses, gathering evidence, measuring variables, constructing comparisons, drawing causal inferences, and reporting findings. | the major program. A large proportion of research in Political Science now consists of careful scientific measurement and analysis of political phenomena, even in qualitative research. Students must be made aware of this early in their program and they must learn the basic language and techniques of empirical social science research if they are to learn effectively and progressively in the discipline. The proposed course teaches this material through examples from three major topics of political investigation: one to be drawn from the realm of public policy (e.g. health care), one from the realm of domestic politics (e.g. the effects of ethnic diversity), and one from the realm of international politics (e.g. the causes of war). In so doing, the course also introduces students to research concerns across the empirical subfields of the discipline. It will prepare students to undertake their own research and research-based writing, while also making them more astute readers of the literature. It will impart and hone skills useful in a wide range of upper-level courses offered in this department. POLI110 will complement the existing POLI100, which introduces the basic language of politics and teaches students how to make arguments in a normative-legal mode. |
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| Faculty: ARTS Department: Sociology Faculty Approval Date: October 11, 2011 Effective Session: 2011 Winter Term 2 | Date: December 14, 2010 Contact Person: Neil Guppy Phone: 2-3670 Email: neil.guppy@ubc.ca |
| Proposed Calendar Entry: SOCI 220 (3): Sociology of Indigenous Peoples Sociological perspective of indigenous peoples and issues both internationally and within Canada. | URL: N/A Present Calendar Entry: N/A Type of Action: New course Rationale: Provides an introductory course on indigenous peoples and issues using a sociological perspective. This course will be supported by a range of |

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| | <p>existing faculty expertise on aboriginal and indigenous issues in the Sociology department, including Blackburn, Mawani, Matthews, Tindall, and Wilkes. Thematic content will include but not be limited to indigenous rights, political economy, health, inequalities, and systems of knowledge. The course will be prerequisite to a more specialized 400 level Sociology of Indigenous Peoples course. As a curriculum offering that focuses on indigenous cultures, histories and contemporary issues this course supports UBC's strategic initiatives around aboriginal engagement and intercultural understanding. It also provides an opportunity for UBC undergraduates to benefit from the sociological expertise of active researchers in the broad fields of indigenous studies.</p> |
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| <p>Faculty: Arts Department: Sociology Faculty Approval Date: October 11, 2011 Effective Session: 2011 Winter Term 2</p> | <p>Date: September 22, 2010 Contact Person: Neil Guppy Phone: 604 822 3670 Email: neil.guppy@ubc.ca</p> |
| <p>Proposed Calendar Entry:</p> <p>SOCI 285 (3) Citizenship and Identity</p> <p>The concepts of citizenship, identity, and human rights as social processes shaping individuals and communities (both local and global).</p> | <p>Type of Action: New Course</p> <p>Rationale:</p> <p>Issues of socialization and identity formation are core interests of sociology. As human rights and citizenship have become more central in modern life, sociological contributions to understanding these concepts have grown. This course uses that research tradition to introduce students to a diverse array of scholarly arguments about how citizenship and identity have evolved in different national contexts, all shaped in some measure by the expanding reach of globalizing forces.</p> |

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| | <p>The course links directly to a range of upper level courses that build on themes developed in Sociology, including courses on ethnicity, gender, race, social inequality, and global citizenship.</p> <p>As a new course this widens the material available to students while building explicitly on the scholarly strengths of new members of faculty. A course outline with additional details is attached.</p> |
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| <p>Faculty: Arts Department: Theatre and Film Faculty Approval Date: October 11, 2011 Effective Session 2012 Winter Term 1</p> | <p>Date: May 1, 2011 Contact Person: Sharon McGowan Phone: 604-720-9629 Email: sharon.mcgowan@ubc.ca</p> |
| <p>Proposed Calendar Entry:</p> <p>FIPR 230 (3) Introduction to Motion Picture Directing</p> <p>The role and methods of the motion picture director.</p> | <p>URL: Not applicable – new course</p> <p>Present Calendar Entry: Not applicable – new course</p> <p>Type of Action: New Course</p> <p>Rationale: Motion picture directing is of great interest to many students at UBC across the disciplines, particularly as a wider range of students are using video presentation and media in their course work. At present, the Film Production Program only offers one course in directing, FIPR 335 (3) Directing for Film and Video. This course focuses on hands-on exercises requiring use of video production and editing equipment and is restricted to 3rd year FIPR BFA students. This new lecture course will offer a broad based introduction to the role and methods of directing which will provide FIPR students with a better foundation for their work in FIPR 335 at the same time as serve a wide range of UBC students. The</p> |

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| | <p>addition of this course will also provide an opportunity to utilize the expertise of the program's new faculty member, Rachel Talalay, whose research focus is motion picture directing.</p> <p>Pre-reqs: none</p> |
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Program Changes

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| <p>Faculty: Arts Department: CASS Faculty Approval Date: October 11, 2011 Effective Session 2012 Winter Term 1</p> | <p>Date: Contact Person: Janet Giltrow Phone: Email:</p> |
| <p>Proposed Calendar Entry:</p> <ul style="list-style-type: none"> Students must complete at least 120 Arts-acceptable credits for the degree. Of these 120 at least 72 must be taken within the Faculty of Arts except in cases where the Program requires more than 48 credits outside of Arts, (<i>see below</i>). <p>The following courses are acceptable for credit toward the Bachelor of Arts:</p> <ul style="list-style-type: none"> all courses in the Faculty of Arts a maximum of 48 credits from outside the Faculty of Arts. Students in programs that require more than 48 credits outside of Arts will be granted a relaxation of this requirement. <i>i.e.</i> the Majors or Honours programs in Math or Computer Science or in the Interdisciplinary Studies B.A. Program may take more than 48 credits outside Arts to a maximum that will allow completion of program requirements and will be required to complete the maximum number of Arts credits possible within the 120 total. For example, a Major in CPSC requires 63 credits outside of Arts so this student will be required to complete 57 Arts credits. please note: Students may not earn | <p>URL: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,197,282,56</p> <p>Present Calendar Entry:</p> <p>Students must complete at least 120 Arts-acceptable credits for the degree.</p> <p>The following courses are acceptable for credit toward the Bachelor of Arts:</p> <ul style="list-style-type: none"> all courses in the Faculties of Arts and Science (The Faculty of Science offers several courses with overlapping content. Students may not earn credits for two courses with significant overlap. Students are advised to review the Science Credit Exclusion Lists to avoid registering in overlapping courses.) all B.A.Sc. courses for students enrolled in the Combined B.A./B.A.Sc. degree program (only 18 credits of Applied Science courses may be counted toward the B.A. if a student drops out of the Combined B.A./B.A.Sc. program) all courses in music history, music theory, ethnomusicology, or music composition and a maximum of 8 credits from the ensemble courses in musical performance a maximum of 18 credits in courses |

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| <p>credits for two courses with significant overlap. Students are advised to review the Science Credit Exclusion Lists to avoid registering in overlapping courses.</p> <ul style="list-style-type: none"> all courses in music history, music theory, ethnomusicology, or music composition and a maximum of 8 credits from the ensemble courses in musical performance <p>(lower on same page)</p> <p>Minor Programs</p> <p>Students in a major program may construct their program to include a minor in a subject (discipline) or field of specialization other than the major. To complete a minor, a student must include in the 120 credits required for the degree at least 30 credits and no more than 42 credits in a single subject (discipline) or field of specialization other than that of the major, including any courses specified as required for a minor in the discipline or field of specialization. At least 18 of these credits must be in courses numbered 300 or above. Some interdisciplinary minors are defined as 18-21 credits in specified courses numbered 300 or above, and their prerequisites.</p> <p>At least 24 of the 120 credits required for the degree must be in subjects or fields other than those of the major and minor.</p> <p>The general provisions regarding the definition of subjects and cross-listed courses in the major apply to the minor (see Major Program).</p> <p>In addition to minors in any of the disciplines or interdisciplinary programs offered by the Faculty of Arts, students can also choose from the following minors:</p> | <p>outside the faculties of Arts and Science, other than those specified in Outside Credits.</p> <p>(lower on same page)</p> <p>Minor Programs</p> <p>Students in a major program may construct their program to include a minor in a subject (discipline) or field of specialization other than the major. To complete a minor, a student must include in the 120 credits required for the degree at least 30 credits and no more than 42 credits in a single subject (discipline) or field of specialization other than that of the major, including any courses specified as required for a minor in the discipline or field of specialization. At least 18 of these credits must be in courses numbered 300 or above. Some interdisciplinary minors are defined as 18-21 credits in specified courses numbered 300 or above, and their prerequisites.</p> <p>At least 24 of the 120 credits required for the degree must be in subjects or fields other than those of the major and minor.</p> <p>The general provisions regarding the definition of subjects and cross-listed courses in the major apply to the minor (see Major Program).</p> <p>In addition to minors in any of the disciplines or interdisciplinary programs offered by the Faculty of Arts, students can also choose from the following minors:</p> |
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| <p>Minor in Commerce, Minor in Science, Minor in Environment and Society, Minor in Health and Society, Minor in Law and Society.</p> <p>(lower on same page) Minor in Commerce</p> <p>The Minor in Commerce consists of the following courses: COMM 329 (3), COMM 457 (3), COMM 465 (3), COMM 473 (3), COMM 493 (3), and one of COMM 398 (3) or COMM 458 (3), for a total of 18 credits.⁶</p> <p>Enrolment in this program is strictly limited. An application for admission can be obtained from the Centre for Arts Student Services. The completed form must be returned by May 31. At the time of application, students must be eligible for third-year standing in the Faculty of Arts with a cumulative average of at least 68%. Meeting the stated minimum requirements does not guarantee admission into the Minor.</p> <p>Admission requirements for the minor are 3 credits of the Writing Component of the Writing and Research Requirement; ECON 101 and 102 (or ECON 310 and 311 or combination of both) and one of MATH 100, 102, 104, 120, 180, or 184.</p> <p>Upon admission to, and successful completion of the program, the notation "Minor in Commerce" will be placed on the student's transcript.</p> <p>The 18 upper level credits of COMM required by this program will be considered as among the maximum or 48 credits from outside the Faculty of Arts.</p> | <p>Minor in Commerce, Minor in Science, Minor in Environment and Society. The rule that Arts students can take only 18 credits outside the Faculties of Arts and Science applies to courses taken in these minors.</p> <p>(lower on same page) Minor in Commerce</p> <p>The Minor in Commerce consists of the following courses: COMM 329 (3), COMM 457 (3), COMM 465 (3), COMM 473 (3), COMM 493 (3), and one of COMM 398 (3) or COMM 458 (3), for a total of 18 credits.⁶</p> <p>Enrolment in this program is strictly limited. An application for admission can be obtained from the Centre for Arts Student Services. The completed form must be returned by May 31. At the time of application, students must be eligible for third-year standing in the Faculty of Arts with a cumulative average of at least 68% in the previous two years. Meeting the stated minimum requirements does not guarantee admission into the Minor.</p> <p>Admission requirements for the minor are 6 credits of first year English or equivalent; ECON 101 and 102 (or ECON 310 and 311 or combination of both) and one of MATH 100, 102, 104, 120, 180, or 184.</p> <p>Upon admission to, and successful completion of the program, the notation "Minor in Commerce" will be placed on the student's transcript.</p> <p>⁶ Courses in the Faculty of Commerce are considered to be outside credits, see Outside Credits. Although the rule is that Arts students may only apply 18 credits outside the faculties of Arts and Science toward their degree requirements an</p> |
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| | <p>exception is made for students completing the Minor in Commerce. Arts students completing the Minor in Commerce may apply the 18 credits required for the Minor in Commerce as <i>inside</i> credits. As a result, students with a Minor in Commerce will be able to apply an additional 18 credits <i>outside</i> the Faculties of Arts and Science toward their B.A.</p> <p>Type of Action:</p> <p>Replace the 18 credit outside Arts & Science rule with the maximum 48 outside Arts/minimum 72 Arts credits rule.</p> <p>Rationale: To maintain the integrity of the BA and BFA as Arts degrees as well as to increase the potential for interdisciplinary options. Under the current 18 credit outside Arts & Science policy, students are dissatisfied with the number of credits they have access to in other Faculties. With no minimum requirement of Arts credits, students are able to complete an Arts degree with as few as 9 Arts credits when majoring in MATH or CPSC and fewer than 45 Arts credits for all other Arts majors.</p> |
| <p>Proposed Calendar Entry: Dual Degree Program in Arts and Applied Science</p> <p>This Program offers capable students the opportunity to earn a Bachelor of Arts and a Bachelor of Applied Science degree in five years of study, in most combinations of one Arts degree program and one Engineering degree program. A board of studies administers and oversees admission to the Program. Visit the Dual Degree in</p> | <p>URL: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,197,282,58</p> <p>Present Calendar Entry: Dual Degree Program in Arts and Applied Science</p> <p>This Program offers capable students the opportunity to earn a Bachelor of Arts and a Bachelor of Applied Science degree in five years of study, in most combinations of one Arts degree program and one Engineering degree program. A board of studies administers and oversees admission to the Program. Visit the Dual Degree in</p> |

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| <p>Arts and Applied Science for program information. Students should also contact Arts Academic Advising Services or Applied Science to discuss a plan of study.</p> <p>Admission</p> <p>Application for admission to the Program is through the Centre for Arts Students Services, or through Engineering Student Services. Applicants may be registered in either faculty but must be admissible to the other faculty at the time of admission to the Program. Acceptance into the Program will be determined based on a review of the applicant's transcript, an interview, and a review of a portfolio or other such material that the applicant wishes to submit. Normally, application for admission will be made immediately upon acceptance into either faculty. Admission to the Program at a later date is also possible, but may imply a longer time to complete the Program.</p> <p>Requirements</p> <p>Students must satisfy all of the program requirements for both the Bachelor of Arts and Bachelor of Applied Science degrees in their chosen programs. Individual courses may be considered to satisfy program requirements for both degrees. Where possible, students should meet with an advisor from the Board of Studies prior to enrolling in their first year of courses.</p> | <p>Arts and Applied Science for program information. Students should also contact Arts Academic Advising Services or Applied Science to discuss a plan of study.</p> <p>Admission</p> <p>Application for admission to the Program is through the Centre for Arts Students Services, or through Engineering Student Services. Applicants may be registered in either faculty but must be admissible to the other faculty at the time of admission to the Program. Acceptance into the Program will be determined based on a review of the applicant's transcript, an interview, and a review of a portfolio or other such material that the applicant wishes to submit. Normally, application for admission will be made immediately upon acceptance into either faculty. Admission to the Program at a later date is also possible, but may imply a longer time to complete the Program.</p> <p>Requirements</p> <p>Students must satisfy all of the program requirements for both the Bachelor of Arts and Bachelor of Applied Science degrees in their chosen programs. Individual courses may be considered to satisfy program requirements for both degrees. Courses taken within the Faculty of Applied Science will have the same standing as courses taken within the Faculty of Science for the purpose of satisfying requirements for a Bachelor of Arts for students enrolled in this program. Where possible, students should meet with an advisor from the Board of Studies prior to enrolling in their first year of courses.</p> <p>Type of Action: Delete reference no longer applicable.</p> |
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| | <p>Rationale: There will no longer be any differentiation between credits taken in the Faculty of Science and credits taken in other Faculties other than Arts.</p> |
| <p>Proposed Calendar Entry: Environment and Society Minor in Environment and Society</p> <p>The Minor in Environment and Society allows students to complement their major program of study with an interdisciplinary minor drawn from the large number of relevant courses offered by Arts, Science and other faculties. Students enrolled in faculties other than Arts who are interested in the Minor in Environment and Society should consult an advisor in their home faculty.</p> <p>The Minor in Environment and Society consists of 15 credits from List A and 6 credits from List B, specified below, at least 18 credits of which must be at the 300-level or above. All courses credited toward the Minor must be drawn from disciplines other than the concurrent major or honours degree. Courses taken outside the Faculty of Arts will count toward the maximum of 48 such credits allowed for the Bachelor of Arts degree. Credits in List B may be used to satisfy the Faculty of Arts science requirement, though students should consult the relevant section of the calendar to confirm that particular courses qualify. Some courses listed below may not be offered every year. Moreover, many of the courses listed below have prerequisites. Students should therefore plan their courses of study in advance.</p> | <p>URL: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,197,282,1475</p> <p>Present Calendar Entry: Environment and Society Minor in Environment and Society</p> <p>The Minor in Environment and Society allows students to complement their major program of study with an interdisciplinary minor drawn from the large number of relevant courses offered by Arts, Science and other faculties. Students enrolled in faculties other than Arts who are interested in the Minor in Environment and Society should consult an advisor in their home faculty.</p> <p>The Minor in Environment and Society consists of 15 credits from List A and 6 credits from List B, specified below, at least 18 credits of which must be at the 300-level or above. All courses credited toward the Minor must be drawn from disciplines other than the concurrent major or honours degree. Courses taken outside the Faculty of Arts and Science will count toward the maximum of 48 such credits allowed for the Bachelor of Arts degree. Credits in List B may be used to satisfy the Faculty of Arts science requirement, though students should consult the relevant section of the calendar to confirm that particular courses qualify. Some courses listed below may not be offered every year. Moreover, many of the courses listed below have prerequisites. Students should therefore plan their courses of study in advance.</p> |

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| | <p>Type of Action: Delete reference no longer applicable.</p> <p>Rationale: There will no longer be any differentiation between credits taken in the Faculty of Science and credits taken in other Faculties other than Arts and the minimum number of credits taken in other Faculties will be 48 instead of 18.</p> |
| <p>Proposed Calendar Entry: Interdisciplinary Studies</p> <p>The Interdisciplinary Studies (IDST) B.A. Program offers the independent, capable student a multidisciplinary alternative to the traditional, department-based Major.</p> <p>Students admitted to the program usually design their own cross-disciplinary course of study, and then consult with an IDST advisor to obtain approval. The Program may be appropriate as preparation for professional programs in Arts and in other faculties, including Elementary Education, Journalism, Law, Library/Information Studies, Medicine, Social Work, and Architecture. The Program is distinct from departmental majors and honours programs, and students should note that further preparation may be required of candidates for Secondary Education and Graduate Studies. Students intending to apply to the Faculties of Dentistry or Medicine may also find it appropriate, but they are advised to note that these faculties require specific science courses for admission. The program may provide an appropriate route to further study in the creative and performing arts. It is administered by the IDST Board of</p> | <p>URL: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,197,282,78</p> <p>Present Calendar Entry: Interdisciplinary Studies</p> <p>The Interdisciplinary Studies (IDST) B.A. Program (formerly known as the General B.A. Program) offers the independent, capable student a multidisciplinary alternative to the traditional, department-based Major.</p> <p>Students admitted to the program usually design their own cross-disciplinary course of study, and then consult with an IDST advisor to obtain approval. The Program may be appropriate as preparation for professional programs in Arts and in other faculties, including Elementary Education, Journalism, Law, Library/Information Studies, Medicine, Social Work, and Architecture. The Program is distinct from departmental majors and honours programs, and students should note that further preparation may be required of candidates for Secondary Education and Graduate Studies. Students intending to apply to the Faculties of Dentistry or Medicine may also find it appropriate, but they are advised to note that these faculties require specific science courses for admission. The program may provide an appropriate route to further study in the creative and performing arts. It is</p> |

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| <p>Studies.</p> <p>Admission</p> <p>To be admitted to the Interdisciplinary Studies B.A. Program, students must have completed at least 54 and usually no more than 75 credits toward the Bachelor of Arts (students granted special permission to enter the program with more than 75 credits may be required to complete more than 120 credits to obtain their degree); obtained an overall average of at least 60% in all previous courses attempted towards the B.A.; satisfied the 3 credit Writing Component of the Writing and Research requirement and have completed or have in progress the other Arts Faculty requirements; and obtained approval of their proposed course of study.</p> <p>Applications are accepted throughout the entire year, and should be submitted either to the Chair of the IDST Program or the Program Coordinator. Application forms and program information are available at http://www.interdisciplinary.arts.ubc.ca/.</p> <p>Requirements</p> <p>Acceptable disciplines and courses are classified by the Board into four categories: humanities, social sciences, creative and performing arts, and sciences. Disciplines are as defined by the board and do not necessarily coincide with existing departmental divisions in the Faculty (e.g., courses in English and other "language departments" are allocated to either "language," or "literature", which constitute separate disciplines in the B.A. in Interdisciplinary Studies).</p> <p>Students must complete:</p> <ol style="list-style-type: none"> 1. at least 30 credits of 300-/400-level | <p>administered by the IDST Board of Studies</p> <p>Admission</p> <p>To be admitted to the Interdisciplinary Studies B.A. Program, students must have completed at least 54 and usually no more than 75 credits toward the Bachelor of Arts (students granted special permission to enter the program with more than 75 credits may be required to complete more than 120 credits to obtain their degree); obtained an overall average of at least 60% in all previous courses attempted towards the B.A.; satisfied the first-year Faculty of Arts English requirement and have completed or have in progress the other Arts Faculty requirements; and obtained approval of their proposed course of study.</p> <p>Applications will be evaluated three times a year, and must be received before the deadlines. Application forms and deadline information are available online. Address inquiries to the Interdisciplinary Studies B.A. Program, Faculty of Arts, Room A201 Buchanan Building, 604.822.4028.</p> <p>Requirements</p> <p>Acceptable disciplines and courses are classified by the Board into four categories: humanities, social sciences, creative and performing arts, and sciences. Disciplines are as defined by the board and do not necessarily coincide with existing departmental divisions in the Faculty (e.g., courses in English and other "language departments" are allocated to either "language," or "literature", which constitute separate disciplines in the B.A. in Interdisciplinary Studies).</p> <p>Students must complete:</p> <ol style="list-style-type: none"> 1. at least 30 credits of 300-/400-level |
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| <p>course work in the Primary Category, including an 18-credit 'primary concentration' in one discipline; and</p> <p>2. at least 12 credits of 300-/400-level course work in the Secondary Category.</p> <p>Students may complete no more than 18 credits of 300-/400-level course work in any one discipline. However, students with at least a 75% average may, with approval, complete up to 24 credits in the discipline of the Primary Category. IDST students may complete more than the maximum of 48 credits outside of the Faculty of Arts if more are required for their approved program. After completing 90 credits, students must consult with an assigned advisor and obtain specific approval of their remaining course work. For graduation, students must complete all Faculty of Arts requirements, including the writing and research, literature, language, and science requirements.</p> | <p>course work in the Primary Category, including an 18-credit 'primary concentration' in one discipline; and</p> <p>2. at least 12 credits of 300-/400-level course work in the Secondary Category.</p> <p>Students may complete no more than 18 credits of 300-/400-level course work in any one discipline. However, students with at least a 75% average may, with approval, complete up to 24 credits in the Primary Category, in an individual program. Also students may include in their degrees up to 18 credits in courses outside the Faculties of Arts and Science. For IDST students, these courses may be included in electives only. After completing 90 credits, students must consult with an assigned advisor and obtain specific approval of their remaining course work. For graduation, students must complete all Faculty of Arts requirements, including the English, literature, language, and science requirements.</p> <p>Type of Action: Delete reference no longer applicable.</p> <p>Rationale:</p> <p>There will no longer be any differentiation between credits taken in the Faculty of Science and credits taken in other Faculties other than Arts and the 18 credit maximum will no longer exist.</p> |
| <p>Proposed Calendar Entry:</p> | <p>URL: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,197,282,54#17589</p> <p>Present Calendar Entry: Outside Credits</p> |

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| | <p>Courses taken from faculties other than the Arts and Science are deemed to be <i>outside</i> credits. A student may apply a maximum of 18 credits outside the faculties of Arts and the Science toward a Bachelor of Arts degree.⁺</p> <p>⁺EXCEPTION: A student taking a course outside the faculties of Arts or Science which is a requirement for a minor in Commerce or for the Faculty of Arts Science Requirement may apply them as <i>inside</i> credits, in addition to the 18 outside credit rule.</p> <p>Type of Action: Delete this entry.</p> <p>Rationale:</p> <p>It is no longer relevant now that the 18 credit outside Arts & Science rule has been eliminated.</p> |
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THE UNIVERSITY OF BRITISH COLUMBIA



Vancouver Senate Curriculum Committee

c/o

Enrolment Services | Senate & Curriculum Services

Brock Hall 2016 – 1874 East Mall | Vancouver BC | V6T 1Z1

lindsey.kovacevic@ubc.ca | PH 604.822.9134 | FX 604.822.5945

24 November 2011

To: Vancouver Senate

From: Senate Curriculum Committee

RE: **CURRICULUM PROPOSALS FROM THE FACULTY OF
GRADUATE STUDIES**

The Senate Curriculum Committee has reviewed the attached Category 1 proposals from the Faculty of Graduate Studies and is pleased to submit them for your consideration.

Applied Science

New Course

EECE 534 (3)

Arts

New and Changed Courses

NEST 505 (3)

POLI 517 (3)

PSYC 549 (18)

College for Interdisciplinary Studies

New and Changed Courses

PLAN 517 (3)

PLAN 519 (3/6)D

PLAN 542 (3)

RMES 501 (3)

RMES 505 (3)

RMES 506 (3)

RMES 508 (3)

RMES 510 (3)

Education

New Courses

EDCP 569 (3)

EDCP 532 (3)

Forestry

New Courses



FRST 501 (3)

Land & Food Systems

New Course

FOOD 515 (3)

Medicine

New Subject Code

PTHH

New Course

SPPH 547 (3)

Science

New Course

MATH 559 (3)



UBC Curriculum Proposal Form Change to Course or Program

Category: 1

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| <p>Faculty: Applied Science Department: Electrical & Computer Engineering Faculty Approval Date March 1, 2011 Effective Session: 2011-2012 Winter (Term 2) Year for Change: 2011</p> | <p>Date: February 11, 2011 Contact Person: Peyman Servati Phone: 604-827-4269 Email : peymans@ece.ubc.ca</p> |
| <p>Proposed Calendar Entry:</p> <p>EECE 534 (3) Green Nanoelectronic Devices The fundamentals for operation, fabrication of green electronic devices using nanomaterials for generation, storage and management of clean electrical energy are presented. Examples include photovoltaic devices, light-emitting diodes, piezoelectric scavengers, thermoelectric devices, and batteries. <i>This course is not eligible for Credit/D/Fail grading.</i></p> | <p>URL: None Present Calendar Entry: None Type of Action: New course Rationale: With the increasing interest in saving electrical energy and development of renewable energy devices, a focused course on the physics, and materials for these devices is required. This course will give students the necessary background for development and design of these devices.</p> <p>✗ Not available for Cr/D/F grading. (Check the box if the course is NOT eligible for Cr/D/F grading. Note: Not applicable to graduate-level courses.)</p> <p><input type="checkbox"/> Pass/Fail or <input type="checkbox"/> Honours/Pass/Fail grading (Check one of the above boxes if the course will be graded on a P/F or H/P/F basis. Default grading is percentage.)</p> <p>Document ID#: Mar11 U/G: G4</p> |

UBC Curriculum Proposal Form Change to Course or Program

Category: (1)

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| <p>FACULTY: ARTS DEPARTMENT: CNERs Faculty Approval Date: February 10, 2011 Effective Date for Change: Term 2, Year 2011</p> | <p>DATE: 01/09/2010 Contact person: Thomas Schneider Phone: (74316) Email: thschnei@interchange.ubc.ca</p> |
| <p>Proposed Calendar Entry:</p> <p>NEST 505 (3)</p> <p>Literature of Ancient Egypt and the Ancient Near East</p> <p>The main genres and texts of Egyptian and Ancient Near Eastern Literature and their modern interpretation. Credit will be granted for only one of NEST 401 or 505.</p> | <p>Present Calendar entry NONE</p> <p>Type of Action: Create new course</p> <p>Rationale: All other disciplines within the department currently offer or primarily focus on courses on (Latin, Greek, Hebrew) literature. NEST lacks a corresponding course that would introduce students into the vast and complex issue of Ancient Egyptian and Ancient Near Eastern literature, offering them both an overview of the principal genres and texts, and an informed view of the modern debate on literature within Egyptology and Assyriology.</p> <p>ID Number for supporting Documents:</p> |

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UBC Curriculum Proposal Form Change to Course or Program

Category: 1

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| <p>Faculty: ARTS Department: Political Science Faculty Approval Date: October 12, 2010</p> <p>Effective Session <u>Winter</u> Term <u>2</u> Year <u>2011</u> for Change</p> | <p>Date: 21 September 2011 Contact Person: Josephine Calazan Phone: 2-2717 Email: calazan@politics.ubc.ca</p> |
| <p>Proposed Calendar Entry:</p> <p>POLI 517 (3) THE STATE IN COMPARATIVE PERSPECTIVE</p> <p>This course is not eligible for Credit/D/Fail grading.</p> | <p>URL: n/a</p> <p>Present Calendar Entry: n/a</p> <p>Type of Action: Create new course.</p> <p>Rationale:</p> <p>This new course provides graduate students in comparative politics and international relations with a comprehensive review of the state literature. Prior to this course, the topic was taught in two separate courses (“The Liberal State in Comparative Perspective”, Poli513B and “State and State-Society Relations” Poli562 , both of which were persistent topics courses) which were based on an artificial division of the literature into developed and developing countries.</p> <p>By bringing together the study of the state for all geographic areas, this course not only is a better reflection of both the theoretical and empirical span of the literature, but it also appeals to a much larger number of graduate students.</p> |



THE UNIVERSITY OF BRITISH COLUMBIA

UBC Curriculum Proposal Form
Change to Course or Program

Category: (1)

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| <p>Faculty: Arts Department: Psychology Faculty Approval Date: Feb. 10, 2011</p> <p>Effective Session: Winter; Term: 1; Year for Change: 2012</p> | <p>Date: October 26, 2010 Contact Person: James Enns Phone: 822-6634 Email: jenns@psych.ubc.ca</p> |
| <p>Proposed Calendar Entry:</p> <p>PSYC 549 (18) MASTER'S THESIS <i>This course is not eligible for Credit/D/Fail grading.</i></p> | <p>Present Calendar Entry:</p> <p>PSYC 549 (6/9) MASTER'S THESIS <i>This course is not eligible for Credit/D/Fail grading.</i></p> <p>Type of Action: Change credits from 6/9 to 18.</p> <p>Rationale: Research activities toward the thesis make up more than 60% of a student's effort in the program. This is inconsistent with the MA thesis currently being assigned less than 30% of the 30 credits of the degree. Furthermore, since the thesis portion of the MA degree is assigned too few credits in relation to the time commitment involved, students must take additional formal courses, infringing on research time. A departmental decision has been made to more appropriately recognize the current effort students make to the MA thesis by assigning it 18 credits and by reducing the minimum number of required course credits from 21 to 12. This action will bring our MA thesis credit in line with research-intensive programs in other departments - BIOC 549 (18), BIOL 549 (12-18), BOTA 549 (18), CELL 549 (18), CHEM 549 (18), MICB 549 (18), ZOOL 549 (18). This change will have no impact on the budget or the library because the courses being offered remain unchanged.</p> <p>ID Number for Supporting Documents: PSYC 549-change credits PSYC 549 budget</p> |



UBC Curriculum Proposal Form Change to Course or Program

Category: (1)

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| <p>Faculty: College for Interdisciplinary Studies</p> <p>Department: School of Community & Regional Planning</p> <p>Faculty Approval Date: 31 Jan 2011</p> <p>Effective Session Winter 2012 for Change</p> | <p>Date: 12 January 2011</p> <p>Contact Person: Rhoda Thow</p> <p>Phone: 604-822-5326</p> <p>Email: rhoda@interchange.ubc.ca</p> |
| <p>Proposed Calendar Entry: PLAN 517 (3) - Theory and Methods of Urban Design</p> <p>Application of urban design theory to a neighbourhood design.</p> | <p>URL: N/A</p> <p>Present Calendar Entry: N/A</p> <p>Type of Action: Create New Course</p> <p>Rationale for Proposed Change: This course has been taught as PLAN 548L for the past three years as a special topics course with an average enrollment of 22 students. The faculty and school strongly recommend adding this course with a permanent number. Due to its popularity, the course will continue to be offered in the future. It is also highly beneficial and desirable that the specific course title appears on the student's transcripts.</p> <p><input type="checkbox"/> Not available for Cr/D/F grading. (Check the box if the course is NOT eligible for Cr/D/F grading. Note: Not applicable to graduate-level courses.)</p> <p><input type="checkbox"/> Pass/Fail or <input type="checkbox"/> Honours/Pass/Fail grading (Check one of the above boxes if the course will be graded on a P/F or H/P/F basis. Default grading is percentage.)</p> |



UBC Curriculum Proposal Form Change to Course or Program

Category: (1)

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| <p>Faculty: College for Interdisciplinary Studies</p> <p>Department: School of Community & Regional Planning</p> <p>Faculty Approval Date: January 12, 2011</p> <p>Effective Session Winter 2012 for Change</p> | <p>Date: January 12, 2011</p> <p>Contact Person: Rhoda Thow</p> <p>Phone: 604-822-5326</p> <p>Email: 604-822-3787</p> |
| <p>Proposed Calendar Entry: PLAN 519 (3/6) D – Internships</p> <p>Guided hands-on experience of day-to-day planning in a workplace environment.</p> | <p>URL: N/A</p> <p>Present Calendar Entry: N/A</p> <p>Type of Action: Create New Course</p> <p>Rationale for Proposed Change: This course has been taught as PLAN 548X since 1992 as a special topics course with an average enrollment of 10 students. The faculty and school strongly recommend adding this course with a permanent number. The course will continue to be offered in the future. It is also highly beneficial and desirable that the specific course title appears on the student's transcripts.</p> <p><input type="checkbox"/> Not available for Cr/D/F grading. (Check the box if the course is NOT eligible for Cr/D/F grading. Note: Not applicable to graduate-level courses.)</p> <p><input type="checkbox"/> Pass/Fail or <input type="checkbox"/> Honours/Pass/Fail grading (Check one of the above boxes if the course will be graded on a P/F or H/P/F basis. Default grading is percentage.)</p> |



UBC Curriculum Proposal Form Change to Course or Program

Category: (1)

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| <p>Faculty: College for Interdisciplinary Studies</p> <p>Department: School of Community & Regional Planning</p> <p>Faculty Approval Date: February 24, 2011</p> <p>Effective Session Winter 2012 for Change</p> | <p>Date: February 24, 2011</p> <p>Contact Person: Rhoda Thow</p> <p>Phone: 604-822-5326</p> <p>Email: rhoda@interchange.ubc.ca</p> |
| <p>Proposed Calendar Entry: PLAN 542 (3) Practical Practice: City Planning as a Craft</p> <p>Approach, role, style, and essential skills of practical urban planning: working at the community level; developing overall policy; managing development; undertaking urban design; and engaging in the political process.</p> | <p>URL: N/A</p> <p>Present Calendar Entry: N/A</p> <p>Type of Action: Create New Course</p> <p>Rationale for Proposed Change: This course has been taught as PLAN 548P for the past twelve years as a special topics course with an average enrollment of 17 students. The faculty and school strongly recommend adding this course with a permanent number. Due to its popularity, the course will continue to be offered in the future. It is also highly beneficial and desirable that the correct name appear on the student's transcripts.</p> <p><input type="checkbox"/> Not available for Cr/D/F grading. (Check the box if the course is NOT eligible for Cr/D/F grading. Note: Not applicable to graduate-level courses.)</p> <p><input type="checkbox"/> Pass/Fail or <input type="checkbox"/> Honours/Pass/Fail grading (Check one of the above boxes if the course will be graded on a P/F or H/P/F basis. Default grading is percentage.)</p> |



UBC Curriculum Proposal Form Change to Course or Program

Category: (1)

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| <p>Faculty: CFIS Department: RMES Faculty Approval Date: 5 August 2011 Effective Session: Summer Session, 2012</p> | <p>Date: 20 June 2011 Contact Person: Kyle Sullivan Phone: 604.822.9249 Email: kyle.sullivan@ires.ubc.ca</p> |
| <p>Proposed Calendar Entry:</p> <p>RMES 501 (3) Development of Environmental Thought</p> <p>History and philosophy of Western environmental thought; changes in concepts of human nature and external nature over time; critiques of modern industrial society.</p> | <p>URL: http://www.calendar.ubc.ca/vancouver/courses.cfm?page=name&code=RMES</p> <p>Present Calendar Entry:</p> <p>RMES 501 (3) Perspectives on Resources and Environment</p> <p>Concepts of natural resources and environment; environment and resource management; tools of management; case studies</p> <p>Type of Action: Change of course title, change of course description.</p> <p>Rationale for Proposed Change:</p> <p>These changes more accurately reflect the mission and content of RMES 501.</p> |



UBC Curriculum Proposal Form Change to Course or Program

Category: 1

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| <p>Faculty: CFIS Department: RMES Faculty Approval Date: 26 May 2011</p> <p>Effective Session __W__ Term _2_ Year _2011_ for Change</p> | <p>Date: 23 February 2011 Contact Person: Terre Satterfield Phone: 604 822-2333 Email: terre.satterfield@ires.ubc.ca</p> |
| <p>Proposed Calendar Entry:</p> <p>RMES 505 (3) Qualitative Methods in Interdisciplinary Contexts</p> <p>Research design, data quality, analysis, representation, ethics review, structured and unstructured interviews, field observations, survey design.</p> | <p>Type of Action: Create new course</p> <p>Rationale for Proposed Change: RMES 505 (3) Qualitative Methods in Interdisciplinary Contexts will provide qualitative methods training for not only RMES students, but for students working in interdisciplinary fields across campus.</p> <p>This course is very well-suited for many RMES students working in human and environmental health, but also for students across campus who are working in these and similar interdisciplinary contexts who as yet have either minimal training in qualitative methods; are transitioning from disciplines not normally acquainted with qualitative methods; are transitioning from disciplines which focus on a discrete subset of qualitative methods (e.g., ethnography but not interviews or survey design); and/or are largely unacquainted with how to carry out qualitative research.</p> <p><input checked="" type="checkbox"/> Not available for Cr/D/F grading. (Check the box if the course is NOT eligible for Cr/D/F grading. Note: Not applicable to graduate-level courses.)</p> <p><input type="checkbox"/> Pass/Fail or <input type="checkbox"/> Honours/Pass/Fail grading (Check one of the above boxes if the course will be graded on a P/F or H/P/F basis. Default grading is percentage.)</p> |



UBC Curriculum Proposal Form Change to Course or Program

Category: 1

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| <p>Faculty: CFIS Department: RMES Faculty Approval Date: 26 May 2011</p> <p>Effective Session __W__ Term _2_ Year _2011_ for Change</p> | <p>Date: 23 February 2011 Contact Person: Terre Satterfield Phone: 604 822-2333 Email: terre.satterfield@ires.ubc.ca</p> |
| <p>Proposed Calendar Entry:</p> <p>RMES 506 (3) Human Dimensions of Conservation</p> <p>History of wilderness and protected areas; ecological dynamics underpinning biodiversity; evaluating the success of protected areas and ecological dynamics.</p> | <p>Type of Action: Create New Course</p> <p>Rationale for Proposed Change: RMES 506 is a course that is central to the ethos of the RMES program: lasting positive societal change regarding biodiversity conservation occurring through coordinated efforts across private, public, and academic sectors is central to the research of many RMES students. Increasingly, such training will become integral to many other academic programs on campus; it is crucial that students who will take these various perspectives learn and work together. Through RMES 500F, students will gain a level of common knowledge that will enable constructive action to arise from such differences.</p> <p><input checked="" type="checkbox"/> Not available for Cr/D/F grading. <small>(Check the box if the course is NOT eligible for Cr/D/F grading. Note: Not applicable to graduate-level courses.)</small></p> <p><input type="checkbox"/> Pass/Fail or <input type="checkbox"/> Honours/Pass/Fail grading <small>(Check one of the above boxes if the course will be graded on a P/F or H/P/F basis. Default grading is percentage.)</small></p> |



UBC Curriculum Proposal Form Change to Course or Program

Category: 1

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| <p>Faculty: CFIS Department: RMES Faculty Approval Date: 26 May 2011</p> <p>Effective Session __W__ Term _2_ Year _2011_ for Change</p> | <p>Date: 23 February 2011 Contact Person: Terre Satterfield Phone: 604 822-2333 Email: terre.satterfield@ires.ubc.ca</p> |
| <p>Proposed Calendar Entry:</p> <p>RMES 508 (3) Ecosystem Services</p> <p>Fostering sustainable management of ecosystem-based activities, for the competing and complementary ends of sustaining and enhancing human well-being and protecting biodiversity</p> | <p>Type of Action: Create New Course</p> <p>Rationale for Proposed Change: The study of ecosystem services is fundamental to the research of many RMES students and provides invaluable preparation for work within this field. This course is inherently interdisciplinary and therefore will attract UBC graduate students from natural sciences, social sciences and humanities.</p> <p><input checked="" type="checkbox"/> Not available for Cr/D/F grading. (Check the box if the course is NOT eligible for Cr/D/F grading. Note: Not applicable to graduate-level courses.)</p> <p><input type="checkbox"/> Pass/Fail or <input type="checkbox"/> Honours/Pass/Fail grading (Check one of the above boxes if the course will be graded on a P/F or H/P/F basis. Default grading is percentage.)</p> |



UBC Curriculum Proposal Form Change to Course or Program

Category: 1

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| <p>Faculty: CFIS Department: RMES Faculty Approval Date: 26 May 2011</p> <p>Effective Session __W__ Term _2__ Year _2011__ for Change</p> | <p>Date: 23 February 2011 Contact Person: Terre Satterfield Phone: 604 822-2333 Email: terre.satterfield@ires.ubc.ca</p> |
| <p>Proposed Calendar Entry:</p> <p>RMES 510 (3) Social Ecological Systems</p> <p>Dynamics of environmental issues across temporal and spatial scales using disciplinary and interdisciplinary approaches to integrating sociological, cultural, and ecological perspectives.</p> | <p>Type of Action: Create New Course</p> <p>Rationale for Proposed Change:</p> <p>The multiple causalities of environmental issues have long troubled traditional academic approaches because social and ecological systems have generally been studied separately. Increasingly, interdisciplinary socio-ecological approaches are being developed in order to consider these processes together, providing important insights regarding the complex dynamics of diverse and interlinked processes operating across temporal and spatial scales.</p> <p>This course, due to its unique position linking social and ecological thought, will be a popular course amongst RMES students and non-RMES students interested in sustainability.</p> <p><input checked="" type="checkbox"/> Not available for Cr/D/F grading. (Check the box if the course is NOT eligible for Cr/D/F grading. Note: Not applicable to graduate-level courses.)</p> <p><input type="checkbox"/> Pass/Fail or <input type="checkbox"/> Honours/Pass/Fail grading (Check one of the above boxes if the course will be graded on a P/F or H/P/F basis. Default grading is percentage.)</p> |

UBC Curriculum Proposal Form Change to Course or Program

Category 1

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| Faculty: Education Department: Curriculum and Pedagogy Faculty Approval Date: September 27, 2011 Effective Session: W Term: 2 Year: 2012 for Change | Date: Feb, 2011 Contact Person: Anthony Clarke Phone: 2-2003 Email: Anthony.clarke@ubc.ca |
| Proposed Calendar Entry: (40 word limit.) EDCP 569 (3) Schooling in Comparative Perspective: North American and International Interpretations | URL: NA Present Calendar Entry: NA Type of Action: New Course Rationale for Proposed Change: One of the strengths of our graduate program is the number of international students who enrich and contribute to our scholarly community. Upon arrival in our faculty, our international students immediately begin their classes with their Canadian counterparts and do so, in large part, without an appreciation of the North American educational context which figures prominently in the literatures that they are expected to read, the discussions that they are expected to engage in, and the assignments that they are expected to undertake. The extent to which their knowledge of the North American educational context is assumed, and upon which their courses within EDCP are often contingent, is rarely addressed. Further, this knowledge is something that they have to often negotiate and make sense of by themselves. Hence, international graduate students will benefit significantly from this graduate-level course that situates their international knowledge of schooling within a North American context. The proposed course would address five perspectives on schooling: <ul style="list-style-type: none"> • pupils in comparative perspective, |

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| | <ul style="list-style-type: none">• teachers in comparative perspective,• schools in comparative perspective,• parents (and families) in comparative perspective,• school and related educational systems (e.g, museums) in comparative perspective. <p>Students will engage in, analyze, and debate the five perspectives noted above and will come to better know, understand, and appreciate the North American context in relation to their own knowledge and experiences of schooling.</p> <p>Not Available for Cr/D/F grading NA</p> <p>Pass/Fail or Honours/Pass/Fail Grading NA</p> |
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UBC Curriculum Proposal Form Change to Course or Program

Category: (1)

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| <p>Faculty: <i>Education</i> Department: <i>EDCP</i> Faculty Approval Date: <i>September 27, 2011</i></p> <p>Effective Session <i>WINTER</i> Term <i>2</i> Year <i>2011</i> for Change</p> | <p>Date: <i>February 24, 2011</i> Contact Person: <i>Tracy L. Friedel</i> Phone: <i>604-822-5289</i> Email: <i>604-822-4714</i></p> |
| <p>Proposed Calendar Entry:</p> <p>EDCP 532 (3) Theories and Dimensions of Place-Based Education: Ecohumanist, Critical and Indigenous Lenses</p> | <p>URL: n/a</p> <p>Present Calendar Entry: n/a</p> <p>Type of Action: New course</p> <p>Rationale for Proposed Change: This course engages an examination of concepts, theories and research relevant to the field of place-based education. Integral to the course is a service-learning component that requires students to work in partnership with a community-focused organization. Reflective of the importance of the move to education for sustainable development, this course will broaden the perspective of graduate students in terms of their own teaching and research in education (formal, informal, non-formal).</p> |

**UBC Curriculum Proposal Form
Change to Courses**

Category 1

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| Faculty: Forestry Department: Dean's Office Faculty Approval Date: MAY 10, 2011 Effective Session for Change: 2011W2 | Date: May 10, 2011 Contact Person: Cindy Prescott Phone: (604) 822-4701 Email: cindy.prescott@ubc.ca |
| Proposed Calendar Entry: FRST 501 (3) Climate Change in the 21st Century <i>Equivalency:</i> GEOG 512 | URL: Present Calendar Entry: None Type of Action: Create new course number, cross-listed with existing course GEOG 512. Rationale: Sufficient interest exists to give this course its own unique identity within Forestry and our graduate students are more likely to find and take courses listed in this Faculty. There is also value of having one's Faculty's contributions to teaching recognized by those who might count courses offered towards estimating the contribution which a unit makes to the collective teaching effort of the university. |

**Curriculum Proposal Form
Change to Course or Program****Category 1**

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| Faculty: Land & Food Systems Department: Food Science Faculty Approval Date: Jan 20, 2011 Effective Session <u>Winter</u> Term <u>2</u> Year <u>2011</u> for Change | Date: April 28, 2010 Contact Person: Eunice Li-Chan Phone: 604-822-6182 Email: Eunice.li-chan@ubc.ca |
| Proposed Calendar Entry: FOOD 515 (3) Fundamentals of Agri-Food Business | Present Calendar Entry: N/A (new course) Type of Action: Create New Course Rationale: Courses presently in the Food Science graduate program are mainly focussed on the technical and scientific aspects of food science. This graduate level course covers the many other facets of the food processing industry including human resources, marketing, finance, production, quality control, ethics, purchasing and regulatory affairs. Upon successful completion of this course, students who go on to work in food processing companies should be able to integrate more quickly into the corporation and also be far more effective in whatever role they may have. There are no prerequisites for the course. However, students will be required to analyze business cases independently and in groups, to verbally present their findings and recommendations in English in an open-forum class discussion as well as to debate and to defend their recommendations. Class participation will account for 50% of the final mark and the mid-term and final exam will each count for 25% of the final mark. A 'prototype' of this course has been offered twice (in term 2 of the 2008 and 2009 winter sessions) as "Food 527a – Special Topics in Food Science". |



UBC Curriculum Proposal Form Change to Course or Program

Category: 1

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| <p>Faculty: Medicine Department: Physical Therapy Faculty Approval Date: October 28th, 2010</p> <p>Effective Session: Winter Term: 2 Year: 2011 for Change</p> | <p>Date: November 2nd, 2010 Contact Person: Carissa McRae Phone: 604-822-2272 Email: carissa.mcrae@ubc.ca</p> |
| <p>Proposed Calendar Entry:</p> <p>PTHH</p> | <p>URL:</p> <p>Present Calendar Entry:</p> <p>Type of Action:</p> <ul style="list-style-type: none"> • Create new course code PTHH • Delete course code RSPT <p>Rationale:</p> <p>Effective July 1st, 2007 the School of Rehabilitation Sciences at UBC was dissolved and replaced with the Department of Occupational Science and Occupational Therapy and the Department of Physical Therapy.</p> <p>The Department of Physical Therapy's current course code – RSPT – originated from the Division of Physical Therapy, School of Rehabilitation Sciences (<u>R</u>ehabilitation <u>S</u>ciences, Division of <u>P</u>hysical <u>T</u>herapy). With the dissolution of the School, there exists a need for the creation of a new, more applicable, course code. The Department of Physical Therapy, in consultation with the Faculty of Graduate Studies and its faculty and students, proposes a new course code of PTHH (<u>P</u>hysical <u>T</u>herapy). The Department would like to implement this course code for all RSPT designated courses within the Master of Physical Therapy program.</p> |

THE UNIVERSITY OF BRITISH COLUMBIA



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| | <p>The new course acronym, PHTH, will better represent the Department of Physical Therapy and more clearly identify the courses offered in the Master of Physical Therapy program. This change will have no effect on current library usage, or budgets. As the RSPT designation is only used by the Department of Physical Therapy, this change will not affect any other departments within the University of British Columbia or the Faculty of Medicine.</p> |
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THE UNIVERSITY OF BRITISH COLUMBIA
UBC Curriculum Proposal Form
Change to Course or Program

Category: (1)

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| <p>Faculty: Medicine</p> <p>Department: School of Population and Public Health</p> <p>Faculty Approval Date: Aug 26, 2011</p> <p>Effective Session: Winter Term 2 Year 2011/12</p> | <p>Date: Aug 29, 2011</p> <p>Contact Person: Dr. Craig Mitton</p> <p>Phone: (604) 328-5199</p> <p>Email: craig.mitton@ubc.ca</p> |
| <p>Proposed Calendar Entry:</p> <p>SPPH 547 (3) Health care priority setting</p> <p>Resource allocation, economics and ethics based approaches for decision making, uptake of evidence to inform resource use in health care.</p> | <p>URL: SPPH</p> <p>Present Calendar Entry: N/A</p> <p>Type of Action: Create new Course</p> <p>Rationale: Health care decision makers must make difficult choices with limited resources. Many students in SPPH have a current or planned role in health care decision making yet currently there is no course designed to inform principles and processes related to priority setting and resource allocation.</p> |



UBC Curriculum Proposal Form Change to Course or Program

Category: (1)

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| <p>Faculty: Science Department: Mathematics Faculty Approval Date: November 1, 2011</p> <p>Effective Session Summer 2012 for Change</p> | <p>Date: November 1, 2011 Contact Person: Dr. Bill Ramey Phone: 822-3300 Email: wramey@interchange.ubc.ca</p> |
| <p>Proposed Calendar Entry:</p> <p>MATH 559 (3) Complex Fluids</p> | <p>URL: MATH Present Calendar Entry: n/a Type of Action: Create new course.</p> <p>Rationale: Complex Fluids has been offered every other year as a special topics course in partial differential equations, attracting students from Math, EOS, Physics, and Engineering departments (mostly Chemical and Mechanical). Having MATH 559 as a regular course will attract more Math students whose thesis work is not primarily in Fluid Mechanics but draws on aspects of it -- for instance, numerical analysts using flow problems to benchmark algorithms and math-biologists who deal with cellular components that are complex fluids.</p> <p>The course will discuss Non-Newtonian Fluid Dynamics and two approaches to building constitutive models for complex fluids: continuum modeling and kinetic-microstructural modeling.</p> <p>Creating this course will lessen the load on the overtaxed course number MATH 605, "Topics in Applied Mathematics", and will signal our department's dedication to a timely and current course offering in an active area of applied mathematics.</p> <p>Supporting Documents: SCI-11-1-MATH 559</p> |

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Vancouver Senate Curriculum Committee
c/o

Enrolment Services | Senate & Curriculum Services
Brock Hall 2016 – 1874 East Mall | Vancouver BC | V6T 1Z1
lindsey.kovacevic@ubc.ca | PH 604.822.9134 | FX 604.822.5945

29 November 2011

To: Vancouver Senate

From: Senate Curriculum Committee

RE: **CURRICULUM PROPOSALS FROM THE FACULTY OF
SCIENCE**

The Senate Curriculum Committee has reviewed the attached Category 1 proposals from the Faculty of Science and is pleased to submit them for your consideration.

Biochemistry

New Courses

BIOC 202 (3)

BIOC 203 (3)

BIOC 304 (3)

BIOC 440 (3)

BIOC 450 (3)

BIOC 460 (3)

Biology

New Course

BIOL 332 (4)

Cellular & Physiological Sciences

New Course

PHYL 421 (3)

Earth & Ocean Sciences

Changed Courses

EOSC 425 (3)

EOSC 434 (3)

Geography

New Course

GEOB 409 (3)



Science

New Course

SCIE 120 (1)

Program Changes

Bachelor of Science > Physics > Minor: Astronomy

Bachelor of Science > Biology > Honours: Biology

Bachelor of Science > Earth and Ocean Sciences > Major: Geology

| Contact: Dr. Bill Ramey Phone: 822-3300 | Faculty Approval Date: November 1, 2011 Email: wramey@interchange.ubc.ca |
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| BIOCHEMISTRY | |
| <p>Effective Date for Change: 12S Proposed Calendar Entry:</p> <p>BIOC 202 (3) Introductory Medical Biochemistry</p> <p>Introduction to proteins and enzymes, carbohydrate metabolism, and glucose homeostasis. The course emphasis is on human biochemistry and it is designed for students going into health science fields. Credit is granted for only one of BIOC 202 or 203 or BIOL 201. [3-0-0]</p> <p>Prerequisite: Either (a) one of CHEM 213, CHEM 204 or (b) all of CHEM 233, CHEM 205 or (c) all of CHEM 233, PHAR 220</p> | <p>Present Calendar Entry:</p> <p>Action: Add new course. Rationale: Currently BIOC 300 (Health Sciences Stream) and the combination of BIOL 201/BIOC 302 (Biological Sciences Stream), serve two different populations of undergraduate students completing their biochemistry requirement. Although students completing these different course streams start with substantially different backgrounds, at the end they have comparable proficiency in biochemistry. Historically, however, this situation has led to a credit inequity, with BIOC 300 being worth 6 upper level credits, whereas the combination of BIOL 201/BIOC 302 being worth 3 lower level credits and 3 upper level credits. To address this situation, it is proposed to create a new course (BIOC 202) in place of BIOC 300 for health sciences stream students that would be given in Term 1 of each winter session and would be essentially identical to Term 1 of the existing BIOC 300. Given that BIOC 302 covers essentially the same material as term 2 of BIOC 300, BIOC 202 students would then continue on to complete BIOC 302. Taking this combination of the three-credit BIOC 202 plus the three-credit BIOC 302 will provide the students with the same biochemistry background that they were learning in the six-credit BIOC 300 course.</p> <p>Supporting Document: SCI-11-1-BIOC 202</p> |

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| <p>Effective Date for Change: 12S Proposed Calendar Entry:</p> <p>BIOC 203 (3) Fundamentals of Biochemistry</p> <p>Amino acids and proteins. Enzymes and enzymology. Human metabolic pathways. Structure, function and metabolism of carbohydrates including glycogen storage and gluconeogenesis. Restricted to students in Biochemistry specializations. [3-0-1]</p> <p>Prerequisite: All of BIOL 200, CHEM 203 Corequisite: CHEM 213</p> | <p>Present Calendar Entry:</p> <p>Action: Add new course.</p> <p>Rationale: A detailed curriculum review of the course offerings and the Major, Honours and Combined Honours specialization requirements of the Department of Biochemistry and Molecular Biology, coupled with a comprehensive survey of former Biochemistry specialization students, has identified the need for the development of BIOC 203 to more fully engage our specialization students in their second year and thereby facilitate preparation for later years in their specializations and in subsequent careers in the field of biochemistry. Currently, our Department does not offer any courses in second year. More specifically, course materials for BIOC 203 have been tailored to focus in the areas of human health, metabolism and biotechnology, including units on gluconeogenesis, glycogen metabolism and glucose homeostasis (areas not currently covered at the second year level). The development of BIOC 203 will also allow for the optimal coordination of course material with upper level biochemistry courses, improve retention of students in Biochemistry specializations, and facilitate the integration of these students into departmental activities and research programs at an earlier stage of their studies. Subsequent revisions to Biochemistry Major, Honours and Combined Honours specialization requirements will make BIOC 203 a required course for all of these students.</p> <p>Supporting Documents: SCI-11-1-BIOC 203</p> |
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| <p>Effective Date for Change: 12S Proposed Calendar Entry:</p> <p>BIOC 304 (3) Contemporary Biochemical Research</p> <p>Exploration of the breadth and importance of biochemical research to present day challenges in medicine and biotechnology. Detailed experimental research case studies of novel biochemical methods used to address pressing and ongoing biochemical issues. [3-0-0]</p> <p>Prerequisite: One of CHEM 213, CHEM 204. Corequisite: BIOC 303</p> | <p>Present Calendar Entry:</p> <p>Action: Add new course.</p> <p>Rationale: A detailed curriculum review of the course offerings and the Major, Honours and Combined Honours specialization requirements of the Department of Biochemistry and Molecular Biology has identified a need to engage our specialization students in an additional third year course designed to communicate the breadth of contemporary biochemical research and the evolving methodologies used in these studies. In practice, students will be exposed to a survey of biochemical challenges by research faculty and shown how these are being addressed in detail. Topics will be chosen so as to cover areas not addressed in other Biochemistry courses. Subsequent revisions to Biochemistry Major, Honours and Combined Honours specialization requirements will make BIOC 304 a required course for all of these students.</p> <p>Supporting Documents: SCI-11-1-BIOC 304</p> |
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| <p>Effective Date for Change: 12S Proposed Calendar Entry:</p> <p>BIOC 440 (3) Concepts in Molecular Biology</p> <p>Developing areas of molecular biology, focusing on experimental design and data analysis. Signal transduction, the use of model eukaryotes, and the regulation of gene expression. [3-0-0]</p> <p>Prerequisites: All of BIOC 303, BIOC 402, BIOC 410</p> | <p>Present Calendar Entry:</p> <p>Action: Add new course description. Rationale: A recently completed curriculum review of the course offerings and the Major, Honours and Combined Honours specialization requirements of the Department of Biochemistry and Molecular Biology identified a need to develop an advanced course in molecular biology to complement and extend the material presented in BIOC 410 (Nucleic Acids). Beyond the presentation of advanced material, this new course would also seek to strengthen and develop skills in related areas, namely: the interpretation of primary scientific literature; oral communication and presentations; experimental design; and, modes of data analysis.</p> <p>Supporting Documents: SCI-11-1-BIOC 440</p> |
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| <p>Effective Date for Change: 12S Proposed Calendar Entry:</p> <p>BIOC 450 (3) Membrane Biochemistry</p> <p>Biochemistry of membranes and membrane proteins, membrane fusion, electrical signaling and the involvement of membrane proteins in disease and drug development. [3-0-0]</p> <p>Prerequisite: All of BIOC 303, BIOC 402, BIOC 410.</p> | <p>Present Calendar Entry:</p> <p>Action: Add new course.</p> <p>Rationale: An extensive curriculum review of the courses offered and the Major, Honours and Combined Honours specialization requirements of the Department of Biochemistry and Molecular Biology has identified a need to add an advanced course focusing on the biochemistry of membranes in the fourth year. Membranes and membrane proteins are at the forefront of contemporary biochemistry and underlie key events in both health and disease. Until now, they have been completely lacking in the fourth year curriculum. In addition to the covered material, this course also aims to strengthen skills in oral communication and critical reading through regular assignments.</p> <p>Supporting Documents: SCI-11-1-BIOC 450</p> |
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| <p>Effective Date for Change: 12S Proposed Calendar Entry:</p> <p>BIOC 460 (3) Advanced Techniques in Biochemistry</p> <p>Theoretical basis and practical applications of a selection of advanced techniques currently used in biochemical research. Topics will vary. [3-0-0]</p> <p>Prerequisites: All of BIOC 303, BIOC 402, BIOC 410</p> | <p>Present Calendar Entry:</p> <p>Action: Add new course. Rationale: A recently completed curriculum review of the course offerings and the Major, Honours and Combined Honours specialization requirements of the Department of Biochemistry and Molecular Biology has identified a need to develop an advanced course in the theory and practical application of modern and evolving advanced biochemical techniques in scientific research. Exposure to this material will provide a solid background for students in the range of current techniques available as they pursue biochemical research either through graduate studies or in industry. Beyond the presentation of advanced material, this new course would also seek to strengthen and develop skills in related areas, namely: the interpretation of primary scientific literature and modes of data analysis.</p> <p>Supporting Documents: SCI-11-1-BIOC 460</p> |
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| BIOLOGY | |
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| <p>Effective Date for Change: 12S Proposed Calendar Entry:</p> <p>BIOL 332 (4) Protistology</p> <p>Cell biology, ecology, and evolution of protists; origins of multicellularity; the role of protists in micropaleontology, parasitology and oceanography. [3-3-0]</p> <p>Prerequisite: BIOL 200.</p> | <p>Present Calendar Entry:</p> <p>Action: New course.</p> <p>Rationale: An understanding of protists would be useful to students with medical and veterinary interests, botanists, plant pathologists, cell biology/genetics students, evolutionary biology students and oceanography/marine biology students.</p> <p>BIOL 203 will not be made a prerequisite for this course because doing so would drastically limit the pool of potential students that could take BIOL 332. The instructors do not need BIOL 203 to cover the advanced material.</p> <p>Supporting Documents: SCI-11-1-BIOL 332</p> |

| CELLULAR & PHYSIOLOGICAL SCIENCES | |
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| <p>Effective Date for Change: 12S</p> <p>Proposed Calendar Entry:</p> <p>PHYL 421 (3) Advanced Cellular and Molecular Physiology</p> <p>Recent advancements in cellular and molecular physiology that have revolutionized our understanding of cell function in health and disease. [3-0-0]</p> <p>Prerequisite: ANAT 390 and PHYL 301 and 3rd year standing or higher</p> | <p>Present Calendar Entry:</p> <p>Action: New course in Cellular and Molecular Physiology in 4th year Honours Physiology program.</p> <p>Rationale: Physiology is the study of the function of organs and tissues, and the cells that comprise them. It is becoming increasingly clear that understanding and teaching physiology requires a current understanding of molecular and cellular processes. In this regard, there is an identified need for an upper level undergraduate course that covers current knowledge in the cellular and molecular bases of physiological processes. The proposed course will provide knowledge and understanding of fundamental biology related to health and disease that will integrate with other systems-based courses in the Honours Physiology program. The course will be of benefit to Honours Physiology students and other students interested in careers in research, teaching, biotechnology and health-related disciplines.</p> <p>Supporting Documents: SCI-11-1-PHYL 421</p> |

| EARTH AND OCEAN SCIENCES | |
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| <p>Effective Date for Change: 12S Proposed Calendar Entry:</p> <p>EOSC 425 (3) Paleontology.</p> <p>Paleobiogeography in the context of plate tectonics. Mass extinction events. Fossilization and biases in the fossil record. Species concepts in paleontology. Biostratigraphy. Paleontological evidence for early life; the colonization of oceanic and terrestrial environments and; the evolution of the primates. [2-3-0]</p> <p>Prerequisite: EOSC 222.</p> | <p>Present Calendar Entry:</p> <p>EOSC 425 (3) Paleontology.</p> <p>Assessment of the geological impact of life both before and after the advent of hard skeletons. Fossilization processes; skeletal composition and structure; numerical taxonomy; bioerosion; biostratigraphy; and paleobiogeography in the context of plate tectonics. Offered in alternate years. [2-3-0]</p> <p>Prerequisite: One of EOSC 222, EOSC 326.</p> <p>Action 1: Remove EOSC 326 Prerequisite. Action 2: Redefine description to more accurately reflect content. Action 3: Remove “Offered in alternate years.” EOSC 425 is now offered every year. Rationale: In order that advanced paleontology (EOSC 425) can be taught at an appropriate level it is necessary that students have a greater background in geology than EOSC 326 can realistically provide. In particular, the lack of relevant experience with paleontological and geological samples, maps, stratigraphy and the taxonomic appreciation of paleontological groups is problematic and cannot be addressed in the limited time that EOSC 326 provides. The change in prerequisites will not affect students in EOSC or GEOL specializations because they already take EOSC 222.</p> <p>Supporting Documents: SCI-11-1-EOSC 425</p> |

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| <p>Effective Date for Change: 12S Proposed Calendar Entry:</p> <p>EOSC 434 (3) Geological Engineering Soils and Weak Rocks.</p> <p>Multi-disciplinary, geological engineering approach using case histories to apply knowledge of geomorphology, hydrogeology, soil mechanics and rock mechanics to engineering problems in realistically complex geological environments. [2-2-0]</p> <p>Prerequisite: All of EOSC 329, EOSC 330, CIVL 210.</p> | <p>Present Calendar Entry:</p> <p>EOSC 434 (3) Principles of Geological Engineering</p> <p>Role of geology and hydrogeology in siting, design, and construction of engineering structures; synthesis of rock mechanics and soil mechanics methods in various geological environments; introduction to computer applications in geological engineering. [2-2-0]</p> <p>Prerequisite: All of EOSC 329, CIVL 310, CIVL 311 or permission of the department head.</p> <p>Action: Delete old course name and description. Add new course name and description. Change prerequisites.</p> <p>Rationale: The course content has been updated to better reflect newly-formulated learning goals. The course is meant to offer a transition between specialized courses such as Geomorphology, Hydrogeology, Soil Mechanics and Rock Mechanics and the range of knowledge the students will need in preparation for their entry into practice. The course uses case histories and aim to teach students how to apply this knowledge at engineering sites in realistically complex geological environments. Professional issues, such as registration, ethics, safety and economics are also covered.</p> <p>The change in prerequisites 1) ensures the students have the background in Geomorphology they need (EOSC 330) and 2) broadens the CIVL requirement so that the course is accessible to students in MINE specializations (CIVL 210 is a prerequisite to the third year CIVL courses)</p> <p>Supporting Documents: SCI-11-1-EOSC 434</p> |
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[illegible]

| SCIENCE | |
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| <p>Effective Date for Change: 11W, T2 Proposed Calendar Entry:</p> <p>SCIE 120 (1) Topics in Sustainability Science</p> <p>Topics in sustainability, based on concepts introduced in first-year Science courses. [1-0-0]</p> <p>Co-requisites: BIOL 121; one of CHEM 111 or 121; and first year standing in Science.</p> | <p>Present Calendar Entry: None</p> <p>Action: New Course Rationale: Providing Science students with opportunities to study sustainability is a theme in the Faculty's strategic plan. While sustainability involves concepts from a wide range of disciplines including, but not limited to, science, with first-year BSc students we have an opportunity to help them make connections between what they are learning in their basic science courses and some major sustainability issues. This one-hour-a-week course will make connections between the facts and concepts learned in science classes and sustainability issues arising from human-environment interactions. Topics addressed in many first-year science courses could be leveraged in this way but the largest audience is students taking both biology and chemistry. Future versions of the course may be linked to courses in other science disciplines.</p> <p>The new Sustainability Science course has three goals: to help students recognize the contribution of science to sustainability, to examine the complexity of sustainability in select scenarios, and to formulate a personal 'science-related' sustainability framework.</p> <p>This course will be of special interest to students seeking connections and societal implications of important concepts learned in their introductory, discipline-based courses.</p> <p>Supporting Documents: SCI-11-1-SCIE 120</p> |

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| Contact: Dr. Bill Ramey Phone: 822-3300 | Faculty Approval Date: November 1, 2011 Email: wramey@interchange.ubc.ca |
| ASTRONOMY | |
| <p>Effective Date for Change: 12S</p> <p>Proposed Calendar Entry:</p> <p>Minor (xxxx): Astronomy (ASTR)</p> <p>The Minor consists of one of PHYS 200 or PHYS 250 plus 12 upper-level credits of ASTR and a further six upper-level credits of ASTR and/or PHYS courses. Note that MATH 215 is a prerequisite for many upper-level physics courses.</p> | <p>http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,215,410,434</p> <p>Present Calendar Entry:</p> <p>Action: Add a description of the Astronomy Minor at the end of Astronomy calendar section and specify the required courses.</p> <p>Rationale: Even though content and concepts in ASTR and PHYS overlap, some students have expressed a preference for having a named Astronomy minor rather than a named Physics minor. Since students taking this minor will need to take some PHYS courses to have the prerequisites for enough ASTR courses we need to explicitly define this minor to distinguish it from the current PHYS minor. PHYS 200 or 250 is specified because it is a prerequisite for most upper-level physics and astronomy courses.</p> <p>Supporting Documents: SCI-11-1-ASTR Minor</p> |

BIOLOGY

Effective Date for Change: 12S

<http://www.students.ubc.ca/calendar/index.cfm?tree=12,215,410,418>

Proposed Calendar Entry:

Present Calendar Entry:

Honours (XXXX): Biology (XXXX)

First Year and Second Year

Same as for Biology Major (3095)¹

Total Credits **61**

Third Year

| | |
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| BIOL 300² | 3 |
| BIOL 347³ | 3 |

Third or Fourth Years

| | |
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| BIOL 336 | 3 |
| Two Biology Laboratory Selections⁶ | 4 |
| Life Science selections⁶ | 24 |
| Electives⁴ | 25 |

Fourth Year

| | |
|-----------------------------|----------|
| BIOL 447 | 3 |
| BIOL 449⁵ | 6 |

Total Credits **71**

Credits for Degree **132**

¹ Prospective honours students and students in honours must ensure that they take at least 30 credits each winter session and meet Faculty of Science requirements.

[link to <http://www.students.ubc.ca/calendar/index.cfm?tree=12,215,410,408>]

² STAT 200 can replace BIOL 300 with permission of a Biology advisor.

³ Please see a Biology advisor if BIOL 347 cannot fit your timetable or if you are a student entering honours in fourth year.

⁴ Electives must be taken to ensure that all

Faculty of Science requirements are met: a) At least 18 credits must be from the Faculty of Arts, which may include arts credits used to satisfy the Faculty of Science Communications requirement [link to <http://www.students.ubc.ca/calendar/index.cfm?tree=12,215,410,408>]. b) 18 credits may be from any faculty but students must ensure that they have at least 48 upper-level credits. There are a number of elective credits in this specialization. Even though these electives are assigned in each year, they may be redistributed; any extra credit taken in first or second year can be applied to later elective requirements. The year level of the elective does not need to correspond to the year level it is taken.

5 Potential research project supervisors will be drawn from the Departments of Botany or Zoology.

6 See below for the list of accepted Biology

Laboratory, and Life Science selections.

Biology Laboratory selections

BIOL 326, BIOL 337, BIOL 340
BIOL 341, BIOL 351, BIOL 352, BIOL 360,
BIOL 363, BIOL 404, BIOL 409, BIOL 437,
BIOL 444, MRNE courses may be taken with
permission of a Biology advisor.

Note:

BIOL 351 counts as either 2 credits of
laboratory selection and 2 credits of Life
Science selection or 4 credits of Life Science
selection
BIOL 352 counts as either 2 credits of
laboratory selection and 1 credit of Life Science
selection or 3 credits of Life Science selection

Life Science Selections

The list of Life Science selections below is
divided into two sets: a) science courses that
count towards the science credit requirement
for the BSc and b) non-science courses that do

Action: Add new Honours specialization as
shown.

Rationale: The Biology Major has recently
undergone a complete revision that increased
flexibility for students, improved organization, and
reduced the total number of credits required in the
Biology Specialization to 120 credits from 127-
129 credits. Revisions to the various Honours
Biology specializations are required to re-align
these specializations with the revised Major.
Overall, the revised Biology Honours offerings
will include the following specializations:

- 1) Honours: Biology
- 2) Honours: Animal Biology
- 3) Honours: Plant Biology
- 4) Honours: Cell and Developmental Biology
- 5) Honours: Ecology
- 6) Honours: Conservation Biology
- 7) Honours: Evolutionary Biology
- 8) Honours: Marine Biology

These specializations have been chosen to reflect
the research and teaching strengths of the
Departments of Botany and Zoology, and the
interests of Biology students.

The Honours Biology Specialization, the subject of
this revision, will serve students who wish to

not count towards the science requirement for the BSc. Students must take a minimum of 72 credits of science courses for their degree. Students must also ensure that they have at least 42 upper-level credits from the Faculty of Science courses. Note that Science students are only permitted to count 18 credits of courses from faculties other than Arts or Science towards the degree (i.e. APBI, CONS and FRST courses).

Note that careful prior planning is essential because:

- **Enrollment in many Life Science Selections is limited**
- **Some of these courses carry additional prerequisites.**

a) Life science selections that count towards the Faculty of Science requirement for 72 credits of science courses

At least 18 credits of Life Science selections must be taken from BIOL courses, at least 9 credits of which should be at the 400 level. Third year courses should be chosen carefully to ensure that all pre-requisites are taken.

Any 3rd or 4th year course in BIOC, MICB, MRNE or PHYL that is open to Life Science majors plus

**ANAT 390, ANAT 391
EOSC 470, EOSC 471, EOSC 474, EOSC 475, EOSC 476, EOSC 478
GEOB 307, GEOB 407
FNH 350, 351 and 451
MATH 462
MEDG 410, 419, 420 and 421
PCTH 305, 325**

b) Life science selections that do not count towards the 72 credits of required science courses

**APBI 311, APBI 312, APBI 314, APBI 315, APBI 318, APBI 342, APBI 401, APBI 411, APBI 418, APBI 419, APBI 444
CONS 330, CONS 440, CONS 486
FRST 302, FRST 310, FRST 385, FRST 386, FRST 395, FRST 399, FRST 420, FRST 444, FRST 485, FRST 495**

customize a Biology Honours degree that does not quite fit within the parameters of the "named" Honours Biology Specializations. Compared to existing Honours Specializations, this proposed specialization:

- 1) Reduces the number of required credits from the current 138-140 credits to the proposed 132 credits.
- 2) Maintains the current strengths of the specialization by continuing to provide students with a broad background in biology while allowing ample opportunity for specialization in the area of animal biology and providing excellent opportunities for research training
- 3) Increases the flexibility of the specialization by providing 24 credits of minimally constrained specialization-related course selections and 25 credits of open electives in 3rd and 4th year.

The Honours Biology specialization is consistent with the recently revised Biology major in that it is structured around a core of 2nd and 3rd year Biology courses that are required of all students. These courses provide the fundamental knowledge required of all Biologists. This change ensures that all individuals who graduate from UBC with a degree in Biology have a core competency in critical areas of modern biology by eliminating some important coverage gaps within current specialization options. This revision establishes a clearer organizational structure for the specialization. The reorganization improves mapping of learning objectives and helps students develop mastery of important biological concepts. In addition, this clearer organizational structure will facilitate the progress of students through degree and will streamline advising. The Honours Biology Specialization provides a particularly flexible route to an honours degree in Biology that allows students to customize their education.

Staging plan: This curriculum revision is part of a general overhaul of offerings in the Biology Major, including Biology Honours Specializations and Combined Majors and Honours Specializations. Students going into third year in 2012W will be eligible for acceptance into the Biology honours

See the Biology Program Guide [link to <http://www.biology.ubc.ca/>] for advice about choosing appropriate Life Science and Laboratory selections.

specialization.

Supporting Documents: SCI-11-1-Honours Biology

EARTH & OCEAN SCIENCES

Effective Date for Change: 12S

Proposed Calendar Entry:

...

Geological Sciences Specializations

Earth and Ocean Sciences [link to: <http://www.eos.ubc.ca/>] offers **three** undergraduate programs in Geology: **Bachelor of Science**, Bachelor of Science with Honours, and Bachelor of Applied Science. For information on graduate degrees, see Geological Sciences [link to: <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,204,828,1170#11298>] . **Both the Major and** Honours specialization **may be used by** students who wish to undertake graduate studies or pursue a professional career in the geological sciences. ...

Students interested in environmental science may pursue this focus within Geology **Major or** Honours or in a combined honours specialization such as Geology-Oceanography or Geology-Chemistry.

...

Co-operative Education Option

This option integrates academic study and supervised work experience. Enrolment is limited. Admissibility to **Major in Geology or** Honours Geological Sciences or Combined Honours Geology and another subject is prerequisite for admission. ...

Major Geology (00073)

First Year

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| Communication Requirement¹ | 3 |
| CHEM 121, 123 (or 111, 113) | 8 |
| EOSC 110, 111, 116² | 7 |
| MATH 100 or 102 or 104³ | 3 |
| MATH 101 or 103 or 105⁴ | 3 |
| PHYS 101, 102⁵ | 6 |
| Total Credits | 30 |

Second Year

<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,215,410,422>

Present Calendar Entry:

...

Geological Sciences Specializations

Earth and Ocean Sciences [link to: <http://www.eos.ubc.ca/>] offers ~~two~~ undergraduate programs in Geology: Bachelor of Science with Honours, and Bachelor of Applied Science. For information on graduate degrees, see Geological Sciences [link to: <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,204,828,1170#11298>] . ~~The~~ Honours specialization ~~is recommended for~~ students who wish to undertake graduate studies or pursue a professional career in the geological sciences. ...

Students interested in environmental science may pursue this focus within Geology Honours or in a combined honours specialization such as Geology-Oceanography or Geology-Chemistry.

...

Co-operative Education Option

This option integrates academic study and supervised work experience. Enrolment is limited. Admissibility to Honours Geological Sciences or Combined Honours Geology and another subject is prerequisite for admission. ...

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| Communication Requirement¹ | 3 |
| EOSC 211, 212 | 6 |
| EOSC 220, 221, 222 | 9 |
| EOSC 223 | 3 |
| Electives^{6,7} | 9 |
| Total Credits | 30 |

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| Third and Fourth Years | |
| Two of EOSC 320, 321, 322 | 6 |
| EOSC 323 | 3 |
| EOSC 328, 329, 330, 332 | 12 |
| EOSC 333 or 350⁸ | 3 |
| Geology Electives⁹ | 6 |
| EOSC/ATSC/ENVR 300-level or higher | 6 |
| Electives⁷ | 24 |
| Total Credits | 60 |

Total credit for the degree 120

¹ A total of 6 credits of coursework is required to meet the Communication Requirement. ENGL 112 is recommended. For full list of acceptable courses see Communication Requirement [link to: <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,215,410,1463#18434/>]

² 3 credits may be deferred until second year. The requirement for these courses may be waived if a student has completed upper-level courses in each of the solid and fluid earth sciences.

³ MATH 180 or 184 or 120 may substitute for any of the specified differential calculus courses listed by decreasing the electives by 1 credit. MATH 110 may substitute for any of the specified differential calculus courses listed by decreasing the electives by 3 credits.

⁴ MATH 121 may substitute for any of the specified integral calculus courses listed by decreasing the electives by 1 credit.

⁵ Students without credit for Physics 12 will be required to take PHYS 100 prior to PHYS 101. PHYS 100 will count as an elective. Qualified students are encouraged to substitute PHYS 107, 108, 109 by decreasing the electives by 1

credit. Students may delay taking PHYS 108/109 or 102 to second year.

⁶Students without Biology 11 or 12 must take 3 credits of 100-level BIOL.

⁷The computation requirements of the Faculty of Science are satisfied by the combination of courses in the combined major. However, the electives must be selected to ensure that the following Faculty of Science requirements are met: a) at least 18 credits must be from the Faculty of Arts, including ENGL credits used to satisfy the Faculty of Science Communication Requirement; b) an additional 9 credits must be in Arts or Science electives outside the field of the major [link to: <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,215,410,1464#18445>] to satisfy the Breadth Requirement [link to: <http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,215,410,1464#18444>] and c) at least 48 upper-level credits including specialization requirements.

⁸ Students may substitute EOSC 250, but EOSC 350 is recommended.

⁹ Additional EOSC courses numbered 320-339 or 420-439.

Specialization Objectives:

Mastery of the curriculum will provide a thorough background in a wide range of geological sciences:

1. that students may use towards registration as a Geologist in Training (GIT) for Professional Geoscientist (PGeo) status with the Association of Professional Geoscientists of British Columbia (APEGBC).
2. that will qualify students for graduate school in geological sciences

Learning Goals:

Students completing this specialization will be able to:

1. integrate concepts related to the unifying theory of geosciences (plate tectonics) across multiple sub-disciplines within geological

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| <p>sciences and the wider Earth sciences</p> <p>2. identify rocks, minerals, fossils and geological structures in the field and in the laboratory</p> <p>3. demonstrate an ability to systematically map various geological features in the field</p> <p>4. demonstrate an understanding of the varying time scales over which geological processes occur and how those time scales are calibrated</p> <p>5. use numerical problem solving (using computer programming and data manipulation skills) both with models and with real geological data</p> <p>6. conduct independent study on a topic of their choosing</p> <p>7. write reports and communicate through oral presentations</p> <p>8. demonstrate an understanding of professional ethics and practice in academia and industry from a geological sciences perspective.</p> <p>Honours Specializations</p> <p>...</p> <p>Honours (0462): Geological Sciences</p> <p>...</p> | <p>Honours Specializations</p> <p>...</p> <p>Honours (0462): Geological Sciences</p> <p>...</p> <p>Action: Add new program before the Honours specialization.</p> <p>Rationale: The Department of Earth and Ocean Sciences proposes to reinstate a geology major degree program at UBC. Major geology degrees were awarded at UBC until 1996, when the old departments of geology, geophysics and oceanography merged to form the department of Earth and Ocean Sciences (EOS). At that time, EOS elected to offer a single EOSC Major degree, rather than degrees in specific disciplines, to unify the department and simplify our degree offerings. The geology major program would be targeted at students wishing to pursue postgraduate degrees in geological sciences, or relevant careers in industry or government. In particular, the reinstatement of the geology major program helps satisfy the continued demand from Canada's mineral and oil exploration industries for well-educated and appropriately trained geologists. Currently, many of our students who cannot qualify for honours degrees follow our honours curriculum (except for the thesis course), in their EOSC major degrees,</p> |
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| | <p>and seek employment as geologists. In essence, these students have been completing our proposed major geology degree program. The majority of these students have gone on to careers in industry but it would be easier for them to get recognition if the degree indicated that they were trained in Geology.</p> <p>Supporting Documents: SCI-11-1-Major Geology.</p> |
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Enrolment Services | Senate & Curriculum Services
Brock Hall 2016 – 1874 East Mall
Vancouver BC V6T 1Z1
Tel : (604) 822-9134 | Fax : (604) 822-5941
lindsey.kovacevic@ubc.ca

November 28, 2011

To: Vancouver Senate

From: Senate Nominating Committee

Re: **Selection of Senate Representatives for the President's Advisory Committees for:**

- a. the Extension of the Appointment of the Provost and Vice-President Academic (approval); and,
- b. the Selection of a Vice-Provost and Associate Vice-President Academic Facilities and Enrolment (approval)
- c. Adjustments to Senate Committees (approval)

a. Selection of Senate Representatives for the President's Advisory Committee for the Extension of the Appointment of the Provost and Vice-President Academic (approval)

In accordance with the Board Policy No. 24 on the Extension of Appointments for Designated Senior Academic Administrators, Senate must select three (3) members (at least one of whom must be a faculty member, another of whom must be a dean or principal) to the President's Advisory Committee for the extension of the appointment of the Provost and Vice-President Academic. The function of the Committee shall be to advise the President on extension of the Provost & Vice-President Academic's appointment in order that he may make an appropriate recommendation to the Board of Governors.

The Committee has considered all nominations received and is pleased to recommend the following Senators for appointment:

- 1) Mr. Sean Heisler (Student Senator, Faculty of Applied Science)
- 2) Dr. Darrin Lehman (Senator, Faculty of Arts)
- 3) Dr. Louise Nasmith (Principal, College of Health Disciplines)

Motion: *That Senate appoint Mr. Sean Heisler, Dr. Darrin Lehman, and Dr. Louise Nasmith to the President's Advisory Committee for the extension of the appointment of the Provost and Vice-President Academic.*

b. Selection of Senate Representatives for the President's Advisory Committee for the Selection of a Vice-Provost and Associate Vice-President Academic Facilities and Enrolment (approval)

In accordance with the Joint Senate and Board Policy No. 18 on the Appointment of Designated Senior Academic Administrators, Senate must select four (4) members to the President's Advisory Committee for the selection of a Vice-Provost and Associate Vice-President Academic Facilities and Enrolment. The function of the Committee shall be to consider and advise the President on the candidates before the President makes a recommendation to the Board of Governors.

The Committee has considered all nominations received and is pleased to recommend the following Senators for appointment:

- 1) Dr. Joe Belanger (Convocation Senator)
- 2) Dr. Katharine Patterson (Joint Faculties Senator, Faculty of Arts)
- 3) Mr. Des Verma (Convocation Senator)
- 4) Mr. Justin Yang (Student Senator-at-large, Faculty of Science)

Motion: *That Senate appoint Dr. Joe Belanger, Dr. Katharine Patterson, Mr. Des Verma, and Mr. Justin Yang to the President's Advisory Committee for the selection of a Vice-Provost and Associate Vice-President Academic Facilities and Enrolment.*

c. Adjustments to Senate Committees (approval)

Motion: *That Senate approve the revisions to the membership of Committees of Senate as presented.*

1. **Curriculum**
Add Christopher Roach to fill vacancy
2. **Council of Senates Budget Committee**
Add Christopher Roach to fill vacancy

Respectfully submitted,

Dr. Rhodri Windsor-Liscombe
Chair, Nominating Committee

THE UNIVERSITY OF BRITISH COLUMBIA



Vancouver Senate Student Awards Committee
c/o
Enrolment Services | Senate & Curriculum Services
Brock Hall 2016 – 1874 East Mall
Vancouver BC V6T 1Z1

November 24, 2011

From: Senate Committee on Student Awards, Vancouver
To: Senate
Re: New Awards (December 2011)

The Student Awards Committee recommends:

That Senate accept the awards as listed and forward them to the Board of Governors for approval; and that letters of thanks be sent to the donors.

ABORIGINAL Major Entrance Scholarship - The University of British Columbia offers two renewable scholarships of \$5,000 each to Canadian Aboriginal students of academic distinction entering an undergraduate program from secondary school. A candidate's eligibility is primarily based on their character and leadership qualities as demonstrated by significant contributions they have made to the community. Subject to continued scholarship standing, the awards are renewed for a further three years of study or until the first undergraduate degree is obtained (whichever is the shorter period). (First Award Available in the 2012/13 Winter Session)

ABORIGINAL Transfer Scholarship - Entrance scholarships valued at \$2,500 each are available to eligible Canadian Aboriginal students transferring into the Bachelor of Arts program in the Faculty of Arts at UBC from Langara College. To be eligible for this scholarship, Aboriginal students must meet the University's admission requirements under the UBC-Langara Aboriginal Transfer Program, have attained an average at the point of admission to UBC of B+ or higher (3.66 on Langara grade scale) and register in a minimum of 24 credits during the upcoming Winter session. (First award available in the 2013/14 Winter Session)

ABORIGINAL Transfer Award - Awards ranging in value from \$1,500 to \$2,500 are available to continuing eligible Canadian Aboriginal students who were admitted to the Bachelor of Arts program in the Faculty of Arts at UBC under the UBC-Langara Aboriginal Transfer Program and are involved in community service learning through the Program. Awards are made on the recommendation of the First Nations House of Learning and the Faculty of Arts. (First award available in the 2014/15 Winter Session)

Master of ARCHITECTURE Awards - Merit/Needs based awards in the Master of Architecture are offered to domestic and international students who are registered full-time in the Master of Architecture degree program at The University of British Columbia. The funding may be given as entrance awards, multi-year funding awards, tuition awards,

or scholarship top-up awards. Awards are made on the recommendation of the School of Architecture and Landscape Architecture in consultation with the Faculty of Graduate Studies. These awards may be given out as merit or needs based or a combination of both. (First Award Available for the 2011/12 Winter Session)

Terry EASTWOOD SLAIS Award - One award of \$1,000 is offered to a student upon completion of the first year Master of Archival Studies Program or Joint MAS/MLIS program in the School of Library, Archival and Information Studies who demonstrates scholarly excellence and leadership promise. Professor Terry Eastwood was the first professor hired to teach in the Master of Archival Studies Program and served as Chair of the Program from 1981 until June 2000. As Interim Director, Chair of Program, teacher and mentor he was a tireless advocate of archival education and as such has been recognized nationally and internationally. Recommendations are made by SLAIS in consultation with the Faculty of Graduate Studies. (First Award Available in the 2011/12 Winter Session)

GLOBALINK Graduate Fellowships - Funded by the Graduate Support Initiative, awards valued up to \$10,000, to a maximum of ten awards per year, are offered to international students who are graduates of the Globalink MITACS program in India and who are registered full-time in PhD, DMA, and Master's (except full cost-recovery) degree programs at The University of British Columbia. The funding may be given as entrance awards, multi-year funding awards, tuition awards, or scholarship top-up awards. Awards are made on the recommendation of Faculties or graduate programs in consultation with the Faculty of Graduate Studies. (First Award Available in the 2011/12 Winter Session)

GRADUATE Global Leadership Fellowships - Fellowships of \$16,000 each plus tuition are available to full-time PhD students during the first four years of their PhD program to enable promising leaders from developing countries to pursue graduate studies at UBC. They are to support doctoral study for international students showing outstanding leadership in humanitarian and development work in their home country. Fellowships may be held for up to four years subject to satisfactory academic progress. Students should contact their graduate program for further information. Recommendations are made by the Faculty of Graduate Studies. (First Award Available in the 2011/12 Winter Session)

Master of JOURNALISM Awards - Merit/Needs based awards are offered to domestic and international students who are registered full-time in the Master of Journalism degree program at The University of British Columbia. The funding may be given as entrance awards, multi-year funding awards, tuition awards, or scholarship top-up awards. Awards are made on the recommendation of the School of Journalism in consultation with the Faculty of Graduate Studies. These awards may be given out as merit or needs based or a combination of both. (First Award Available for the 2011/12 Winter Session)

Master of LANDSCAPE Architecture Awards - Merit/Needs based awards in the Master of Landscape Architecture and the Master of Advanced Studies in Landscape Architecture are offered to domestic and international students who are registered full-

time in the MLA or MASLA degree programs at The University of British Columbia. The funding may be given as entrance awards, multi-year funding awards, tuition awards, or scholarship top-up awards. Awards are made on the recommendation the School of Architecture and Landscape Architecture in consultation with the Faculty of Graduate Studies. These awards may be given out as merit or needs based or a combination of both. (First Award Available for the 2011/12 Winter Session)

Andrew NORD Fellowships in Rheumatology - Fellowships totalling \$20,000 have been endowed through a bequest from the Estate of Andrew Nord. Andrew Nord suffered from the effects of arthritis from the age of 15 and the goal for his bequest is “to prevent the disease from its devastating onslaught, to find better ways to live with the disease, and to find the cause, leading to a cure once and for all.” Doctoral students engaged in rheumatology research in any faculty at UBC are eligible to apply for the fellowships. Recommendations are made by the Faculty of Graduate Studies. (First Award Available in the 2012/13 Winter Session)

QUADRA FNX Mining Scholarship in Mining and Geological Engineering - A \$3,000 scholarship is offered to a student in 2nd, 3rd or 4th year of an undergraduate degree program in mining or geological engineering. Recipients will be selected on the basis of academic achievement and demonstrated leadership. The recipient may have the opportunity to hold a Summer Internship with Quadra FNX Mining Ltd. at one of the Sudbury mines. Recommendation is made by the Department of Mining and Geological Engineering. (First Award Available in the 2011/12 Winter Session)

QUADRA FNX Mining Ltd. Scholarship in Geosciences - A \$3,000 scholarship is offered to a student in 2nd, 3rd or 4th year of either a geology or mining related program within Geosciences. Recipients will be selected on the basis of academic achievement and demonstrated leadership. Recommendation is made by the Faculty of Science. (First Award Available for the 2011/12 Winter Session)

Ranjeet (Ron) and Jas SANGARA Award for Entrepreneurship - An annual award of \$1,000 is offered by Ranjeet (Ron) and Jas Sangara to an undergraduate student enrolled in the Bachelor of Commerce program at the Sauder School of Business. This award is made on the recommendation of the Sauder School of Business to a student in a good academic standing who has demonstrated an interest in entrepreneurship. Preference will be given to a student who has demonstrated an interest in forestry. Recommendation is made by the Sauder School of Business. (First Award Available in the 2012/13 Winter Session)

Master of SOFTWARE SYSTEMS - Merit/Needs based awards are offered to domestic and international students who are registered full-time in the Master of Software Systems degree program at The University of British Columbia. The funding may be given as entrance awards, multi-year funding awards, tuition awards, or scholarship top-up awards. Awards are made on the recommendation of the Master of Software Systems graduate program in consultation with the Faculty of Graduate Studies. These awards may be given out as merit or needs based or a combination of both. (First Award Available for the 2011/12 Winter Session)

SOUTHERN INTERIOR Development Initiative Trust Southern Medical Program Bursary - Bursaries ranging from \$1,000 to \$5,000 to a maximum of \$25,000 are offered by the Southern Interior Development Initiative Trust to undergraduate students enrolled in the Southern Medical Program at the University of British Columbia. Preference is given to a student or students from the Southern Interior region of BC. Recommendations are made by the Office of Student Financial Assistance and Awards. (First Award Available for the 2011/12 Winter Session)

Previously-Approved Awards with Changes in Terms or Funding Source:

Dr. Morton DODEK Award in Family Practice - A \$1,000 award has been endowed to a resident in the Department of Family Practice who demonstrates care, compassion, and competency. The award was created by Dr. Arthur and Judith Dodek in honor of Dr. Morton Dodek, a graduate of UBC's first medical class in 1954 who spent many years as a full service family physician and exemplified commitment to family medicine. The award is made on the recommendation of the Director of the Family Practice Residency Program in the Faculty of Medicine.

How Amended: An annual award that is moving to being endowed.

Lieutenant James Douglas HAMILTON Prize - A book prize of approximately \$250 in memory of Lieutenant James Douglas Hamilton, a graduate in Physical Education and former member of the C.O.T.C. of this University, who on April 13, 1952 was killed in action in Korea, is offered by the Kinesiology Alumni and Undergraduate Societies. The award is open to third-year students in the Physical and Health Education Program showing academic and physical proficiency in the program. The prize is made on the recommendation of the School.

How Amended: Replace Human Kinetics Alumni and Undergraduate Societies with Kinesiology Alumni and Undergraduate Societies.

INTERNATIONAL Entrance Scholarship in Kinesiology - Two scholarships of \$1,000 each are offered by the School of Kinesiology to international students entering the Bachelor of Kinesiology program. The awards are made primarily on the basis of the students' scholarly achievement, with preference given to students who demonstrate strong leadership abilities and community involvement. The awards are made on the recommendation of the School of Kinesiology.

How Amended: The School of Kinesiology requested approval to rename and vary endowments with deeds and terms of reference to reflect the change of the name of the School. The original award name has been changed from International Entrance Scholarship in Human Kinetics to International Entrance Scholarship in Kinesiology.

INTERNATIONAL Tuition Award from International Partial Tuition Scholarship - Tuition scholarships of up to \$3,200 are offered by the Faculty of Graduate Studies to international graduate students in research-oriented programs. The awards are made by the Faculty of Graduate Studies.

How Amended: Award value and Name change from International Partial Tuition Scholarship to International Tuition Award from International Partial Tuition Scholarship.

Mary ISDALE Memorial Scholarship - A \$350 scholarship is offered to a student who achieves high academic standing in the third year of any field of study. Consideration is given to eligible students who, over a period of years, have demonstrated particular interest in highland dancing, Scottish country dancing, piping or drumming. The award is made on the recommendation of the School of Kinesiology.

How Amended: Replace Human Kinetics with Kinesiology.

KINESIOLOGY Faculty Scholarships - One or more scholarships totalling approximately \$2,100 have been endowed by donations from the School of Kinesiology faculty, past and present. The scholarships are awarded to undergraduate students in the Bachelor of Kinesiology degree program who have displayed academic achievement, leadership, or competency in their field of specialization. The scholarships are made on the recommendation of the School.

How Amended: Replace Human Kinetics with Kinesiology.

KINESIOLOGY Undergraduate Society Prize - These prizes have been initiated by members of the Kinesiology Undergraduate Society and are intended to recognize students who have made unselfish contributions to student and faculty life. These prizes in the amount of approximately \$250 will be awarded annually to students in third or fourth year of the Bachelor of Kinesiology degree program, who have maintained a high overall academic average and have demonstrated leadership qualities through extra-curricular activities within the field of Kinesiology. Reference letters by professionals in the field should support the application. The prizes will be made on the recommendation of the School in consultation with the Kinesiology Undergraduate Society.

How Amended: Replace Human Kinetics with Kinesiology.

William B. MCNULTY Kinesiology Scholarship - Two \$500 scholarships have been made available by William B. McNulty, B.P.E. '68, M.P.E. '70, M.A. '83. The awards are made to students entering the second, third or fourth year who have combined academic excellence with an outstanding contribution in student or community affairs. Emphasis is put upon "service above self". One award is made to a male student, the other to a female student. The awards are made on the recommendation of the School of Kinesiology.

How Amended: Replace Human Kinetics with Kinesiology.

J. J. MCRAE Memorial Prize - A \$400 prize, endowed by Mrs. Robert F. Osborne in memory of her father, J. J. McRae, is awarded to a student in second or third year of the Physical Education option of the Bachelor of Kinesiology degree program with general academic proficiency who has made a contribution to youth work. Special consideration is given to a student who has worked with the blind or other handicapped groups.

How Amended: Replace Human Kinetics with Kinesiology.

Leonard OSBORNE Memorial Prize - A \$450 prize, endowed by Robert F. Osborne in memory of his father J. Leonard Osborne, is awarded to a student in the second or third

year of the Physical Education option of the Bachelor of Kinesiology degree program with general academic proficiency, who has demonstrated expertise and leadership in the field of coaching.

How Amended: Replace Human Kinetics with Kinesiology

R. F. OSBORNE Prize – A prize of approximately \$400, in recognition of Robert F. Osborne's long and dedicated service to Physical Education, is awarded to a student in the Bachelor of Kinesiology degree program, with general academic proficiency, leadership and service in the field of Physical and Health Education. The prize is made on the recommendation of the School.

How Amended: Replace Human Kinetics with Kinesiology

Robert F. OSBORNE Memorial Award in Kinesiology - A \$2,975 award has been endowed in memory of Dr. Robert F. Osborne's outstanding service as coach, teacher and administrator during his 33 years as a faculty member at UBC, 27 of them as Director of the School of Physical Education and Recreation. The award is available to undergraduate students entering the final year of the Bachelor of Kinesiology who have exhibited excellence in academics, athletics, and service in sport and recreation. The award is made on the recommendation of the School of Kinesiology.

How Amended: The School of Kinesiology requested approval to rename and vary endowments with deeds and terms of reference to reflect the change of the name of the School. The original award name has been changed from Robert F. Osborne Memorial Award in Human Kinetics to Robert F. Osborne Memorial Award in Kinesiology.

PHILLIPS Farevaag Smallenberg Entrance Award - A \$2,000 award is offered by Phillips Farevaag Smallenberg to a student entering the Master of Landscape Architecture Program who has demonstrated leadership in advocacy for landscape architecture and related service to the community. Due consideration will be given to the financial need of the student selected. The award is made on the recommendation of the School of Architecture and Landscape Architecture.

How Amended: Removed 'service' and replaced it with 'entrance' and increased the award to offer \$2000 as per the donor's wish.

Barbara SCHRODT Award in Kinesiology - A \$375 award has been endowed by Barbara Schrodts for an undergraduate student entering the second, third or fourth year in the School of Kinesiology, with preference for a student who has been an outstanding playing member of a women's field hockey team at UBC and is taking courses related to teaching physical and health education. If, in any year, there is no student who fulfills the preferred criteria, the award is given to a student who is an outstanding playing member on any women's athletics team. The award is made on the recommendation of the School in consultation with the Intercollegiate Coordinator, Department of Athletics.

How Amended: The School of Kinesiology requested approval to rename and vary endowments with deeds and terms of reference to reflect the change of the name of the School. The original award name has been changed from Barbara Schrodts Award in Human Kinetics to Barbara Schrodts Award in Kinesiology.

Robert W. SCHUTZ Faculty Prize in Kinesiology - A medal and \$200 prize, made available by the faculty of the School of Kinesiology, is awarded to the head of the graduating class for the Bachelor of Kinesiology.

How Amended: Certain endowments for the School were created before UBC adopted its policy that all endowments be documented with standard form documentation approved by the Office of the University Counsel. The School requested approval to rename and vary endowments without deeds or terms of reference to reflect the change of name of the School. The original award name has been changed from Robert W. Schutz Faculty Prize in Humans Kinetics to Robert W. Schutz Faculty Prize in Kinesiology.

Janie and Hector WRIGHT Memorial Scholarship - A \$650 scholarship has been endowed by Janie D. Wright BPE '56, in memory of her parents. The award is offered to an undergraduate student in Kinesiology and is made on the recommendation of the School.

How Amended: The School of Kinesiology requested approval to rename and vary endowments with deeds and terms of reference to reflect the change of the name of the School.

Captain C. Y. WU Scholarship in Kinesiology - A \$475 scholarship is offered by Captain C. Y. Wu and Dr. C. H. Wu, to a third or fourth year student in the BKin degree program who has demonstrated an interest in aquatic coaching or management. Preference is given to a student with a background in an aquatic centre. The award is made on the recommendation of the School of Kinesiology, in consultation with the Manager of the UBC Aquatic Centre.

How Amended: The School requested approval to rename and vary endowments without deeds or terms of reference to reflect the change of name of the School. The original award name has been changed from Captain C. Y. Wu Scholarship in Humans Kinetics to Captain C.Y. Wu Scholarship in Kinesiology.

THE UNIVERSITY OF BRITISH COLUMBIA



Vancouver Senate Tributes Committee
c/o
Enrolment Services | Senate & Curriculum Services
Brock Hall 2016 – 1874 East Mall
Vancouver BC V6T 1Z1
Tel: (604) 822-8141 | Fax: (604) 822-5945

2 December 2011

To: Vancouver Senate

From: Tributes Committee

Re: **Candidates for Emeritus Status (approval)**

The Tributes Committee recommends approval of the following motion:

Motion: *That the attached list of individuals for emeritus status be approved and that, pursuant to section 9(2) of the University Act, all persons with the ranks of Professors Emeritus, Associate Professors Emeritus, Assistant Professors Emeritus, Senior Instructors Emeritus, Instructors Emeritus, General Librarians Emeritus and Administrative Librarians Emeritus be added to the Roll of Convocation.*

Respectfully submitted,

Dr. Sally Thorne
Chair, Tributes Committee

| Faculty Members Eligible for Emeritus Status | | | | |
|--|-----------------|------------------------------|---|--|
| Retirements or Resignations December 31, 2010 to August 31, 2011 | | | | |
| Last Name | First Name | Rank | Faculty | Emeritus Title |
| Armstrong | Robert W. | Professor | Medicine | Professor Emeritus of Paediatrics |
| Bomke | Arthur A. | Associate Professor | Land and Food Systems | Associate Professor Emeritus of Applied Biology |
| Butler | Gregory | Professor | Arts | Professor Emeritus of Music |
| Cheng | Kimberly M. | Professor | Land and Food Systems | Professor Emeritus of Applied Biology |
| Curry | M. Ann | Professor | Arts | Professor Emeritus of Library, Archival and Information Studies |
| De Haan | Marie Jeannette | Assistant Professor | Medicine | Professor Emeritus of Medicine |
| Dorcey | Anthony H. | Professor | College for Interdisciplinary Studies | Professor Emeritus of Community and Regional Planning |
| Evans | Barbara | Dean | Graduate Studies | Dean Emeritus of Graduate Studies |
| Ferguson | Alexander | Professor | Medicine | Professor Emeritus of Paediatrics |
| Fraser | Joan | Clinical Associate Professor | Paediatrics | Clinical Associate Professor Emeritus of Paediatrics |
| Friesen | Margaret E. | Administrative Librarian | Library | Administrative Librarian Emeritus |
| Hawkes | Mary Beth | Program Director | Continuing Studies | Program Director Emeritus of Continuing Studies |
| Mauzy | Diane | Professor | Arts | Professor Emeritus of Political Science |
| Pakalnis | Rimas C.T. | Associate Professor | Applied Science | Associate Professor Emeritus of Mining Engineering |
| Perry | Gloria Lee | General Librarian | Library | General Librarian Emeritus |
| Piper | William E. | Professor | Medicine | Professor Emeritus of Psychiatry |
| Pulfrey | David L. | Professor | Applied Science | Professor Emeritus of Electrical and Computer Engineering |
| Rees | William E. | Professor | College for Interdisciplinary Studies | Professor Emeritus of Community and Regional Planning |
| Rolfson | Dale Preston | Professor | Science | Professor Emeritus of Mathematics |
| Stapells | David R. | Professor | Medicine | Professor Emeritus of Audiology and Speech Sciences |
| Stephenson | Catherin | Clinical Associate Professor | Anesthesiology, Pharmacology and Therapeutics | Clinical Associate Professor Emeritus of Anesthesiology, Pharmacology and Therapeutics |
| Stiver | Grant | Professor | Medicine | Professor Emeritus of Medicine |
| Swenerton | Jean | Clinical Associate Professor | Anesthesiology, Pharmacology and Therapeutics | Clinical Associate Professor Emeritus of Anesthesiology, Pharmacology and Therapeutics |
| Wadsworth | Louis | Clinical Professor | Pathology | Clinical Professor Emeritus of Pathology |
| Ward | W. Peter | Professor | Arts | Professor Emeritus of History |
| Williams | Geoffrey | Professor | Education | Professor Emeritus of Language and Literacy Education |
| Zis | Anastasiou | Professor | Medicine | Professor Emeritus of Psychiatry |



a place of mind
THE UNIVERSITY OF BRITISH COLUMBIA

Vancouver Senate 14 December 2011
Item 10 Page 1 of 5

Provost and Vice President Academic
Walter C. Koerner Library
1958 Main Mall
Vancouver, BC Canada V6T 1Z2

Phone: 604-822-4948
Fax: 604-822-3134

November 22, 2011

To: Senate
c/o Christopher Eaton, Associate Registrar & Director, Senate & Curriculum Services

From: David H. Farrar
Provost and Vice President Academic

A handwritten signature in blue ink, appearing to read 'D. H. Farrar', with a horizontal line extending to the right.

Re: **Change of Name from the Department of Earth and Ocean Sciences to the Department of Earth, Ocean and Atmospheric Sciences**

Recommendation:

I recommend that Senate approve the change of name from the Department of Earth and Ocean Sciences to the Department of Earth, Ocean and Atmospheric Sciences, effective 1 April 2012.

Rationale:

The main rationale for the name change is that that name more accurately describes the breadth of interdisciplinary teaching and research within the Department, and highlights the complex connections between our planet's solid, liquid, and gaseous "spheres".

The proposed addition of "Atmospheric" to the Department name is made with the full support of the Department of Geography with whom the Department of Earth and Ocean Sciences partners to deliver the Atmospheric Sciences specialization.

The proposed name change was presented, discussed, and unanimously approved at the November 1, 2011 meeting of the Faculty of Science. Enclosed is a summary of information submitted for consideration at that meeting.

THE UNIVERSITY OF BRITISH COLUMBIA



Faculty of Science

6270 University Boulevard
Vancouver, BC Canada V6T 1Z4

Tel: (604) 822-3336

Fax: (604) 822-5558

Office of the Dean

To: David Farrar, Vice President Academic and Provost
From: Simon Peacock, Dean, Faculty of Science
Date: November 3, 2011
Re: Department name change (Dept. of Earth, Ocean, and Atmospheric Sciences)

Dear Dave,

I am pleased to present you with a formal request to change the name of UBC's Department of Earth and Ocean Sciences to the **Department of Earth, Ocean and Atmospheric Sciences**.

As described in the attached memo from Department Head Greg Dipple, the proposed Department name more accurately describes the breadth of interdisciplinary teaching and research within the Department, and highlights the complex connections between our planet's solid, liquid, and gaseous "spheres". The proposed addition of "Atmospheric" to the Department name is made with the full support of the Department of Geography (see attached letter from Head, David Lay) with whom the Department of Earth and Ocean Sciences partners to deliver the Atmospheric Sciences specialization.

The proposed name change was presented, discussed, and unanimously approved at the November 1, 2011 meeting of the Faculty of Science. I fully support the proposed Department name change. I understand that the next step is to seek UBC Senate approval for the name change and I ask for your help in submitting this request to Senate. As Dean and as a geoscientist, I would be delighted to speak to Senate regarding the proposed name change. Thank you very much for your help.

Sincerely,

Simon Peacock

THE UNIVERSITY OF BRITISH COLUMBIA



Department of Earth and Ocean Sciences
6339 Stores Road
Vancouver, B.C., Canada V6T 1Z4
T (604) 822-4107
F (604) 822-9014
head@eos.ubc.ca

MEMORANDUM

To: Prof. Simon Peacock
Dean, Faculty of Science

From: Greg Dipple
Head, Department of Earth and Ocean Sciences

A handwritten signature in blue ink, which appears to read 'Greg Dipple', is located to the right of the 'From:' line.

Date: October 21, 2011

Re: Department name change

Dean Peacock,

The Department of Earth and Ocean Sciences was formed in April 1996 by members of the former departments of Geological Sciences, Geophysics and Astronomy, and Oceanography. At that time, "earth and oceans" encompassed the scholarship of the department. In 1999, three Atmospheric Science faculty joined Earth and Ocean Sciences from the Department of Geography. Since that time there have been numerous formal and informal attempts to identify a moniker that captures the breadth and interdisciplinary nature of our research and teaching. At our annual retreat last April, the department voted overwhelmingly to change our name to the Department of Earth, Ocean and Atmospheric Sciences. We propose that the change become effective on the 16th anniversary of the formation of the department on April 1, 2012.

Research and teaching in Earth and Ocean Sciences span the history of the Earth and the evolution of its structure from core to stratosphere. We teach seven undergraduate specializations (Atmospheric Science, Earth and Ocean Sciences, Environmental Sciences, Geological Engineering, Geological Sciences, Geophysics, and Oceanography) and five graduate specializations (Atmospheric Science, Geological Engineering, Geological Sciences, Geophysics, and Oceanography). At the undergraduate level, the Earth and Ocean Sciences and Environmental Sciences specializations represent the interdisciplinary aspects of our scholarship while the other specializations are designed around traditional disciplines, many of which have distinct professional career opportunities. The Atmospheric Science specialization is delivered in partnership with the Department of Geography as described in the Vancouver Academic Calendar.

In choosing the new department name, we have intentionally focused on the domains in which we operate rather than on the disciplinary foundations of our work. By listing the three "spheres" (geo-, ocean-, atmosphere), we assert the interconnectedness of these domains and the interdisciplinary nature of teaching and research in the department.

Research and teaching in Atmospheric Science on the UBC Vancouver campus is centred in the Departments of Earth and Ocean Science and Geography. Through the Head, David Ley, I have consulted with Geography and they support this proposal. To my knowledge, the proposed name change would not impact teaching and research of any other academic unit on the Vancouver campus.

THE UNIVERSITY OF BRITISH COLUMBIA



Prof. Greg Dipple,
Head, Dept. of Earth and Ocean Sciences
UBC

Department of Geography
#217 - 1984 West Mall
Vancouver, BC Canada V6T 1Z2
Tel: 604-822-2663
Fax: 604-822-6150
www.geog.ubc.ca

14/12/2011

Dear Dr. Dipple:

I have canvassed colleagues and I am happy to report that there is full support in Geography for your proposed name change to the Department of Earth, Ocean and Atmospheric Sciences.

I would add this friendly addition from a colleague: "I would like the Department of Geography to ensure that in the future we continue to co-sponsor the Atmospheric Science Program with EOS as an equal partner with an equal voice (and also ensure that Graduate Students enrolled in ATSC should also 'count' against our Department in the University administration if it comes to distributing TAs, funding etc.). [We] have supervised a third to half of all new ATSC graduate students in the last 5 years (4-5 in total)."

What you hear from us, then, is full endorsement for your proposed name change and also a recommendation that the successful co-operative arrangement between our units in running the Atmospheric Science program not only continue but that our equal roles be acknowledged explicitly in official documents and advertising in both departments.

Yours sincerely,

A handwritten signature in cursive script that reads "David Ley".

David Ley
Professor and Head