

**UNIVERSITY OF REGINA
FACULTY OF BUSINESS ADMINISTRATION**

DATE: February 8, 2010

TO: MEMBERS OF FACULTY OF BUSINESS ADMINISTRATION COUNCIL

FROM: Anne M. Lavack, Dean

RE: **MEETING OF FACULTY OF BUSINESS ADMINISTRATION COUNCIL
10:00 A.M., Friday, February 12
Room 558 – Education Building**

AGENDA

1. APPROVAL OF THE AGENDA
2. APPROVAL OF THE MINUTES OF THE MEETING OF JANUARY 15, 2010 – *Appendix 1*
3. BUSINESS ARISING FROM THE MINUTES
4. DEAN'S REPORT
5. ASSOCIATE DEANS' REPORTS
 - 5.1 Associate Dean (Undergraduate) - G. Sylvestre
 - 5.2 Associate Dean (Research & Academic) - D. Senkow
6. REPORTS OF STANDING COMMITTEES
 - 6.1 Dean's Advisory Committee
 - 6.2 Nominating Committee
 - 6.3 Studies, Scholarships and Admissions Committee
 - 6.4 Undergraduate Program Committee
 - High School Math Requirements – *Appendix 2*
 - 6.5 Graduate Program Committee
 - MBA International Proposal
 - 6.6 Teaching Committee
7. REPORTS FROM REPRESENTATIVES FROM OTHER FACULTIES
8. REPORTS FROM BUSINESS ADMINISTRATIVE REPRESENTATIVES TO OTHER FACULTIES
9. OTHER REPORTS
10. OTHER BUSINESS
 - 10.1 Hill Alumni Forum
 - 10.2 E-Textbook Usage
 - 10.3 Employee Engagement Survey
11. ADJOURNMENT

**MINUTES OF MEETING
FACULTY OF BUSINESS ADMINISTRATION
January 15, 2010**

PRESENT: D. Anderson, M. Costiuk, J. Gustafson, E. Hampton, E. Johnson, Y. Kim, A. Lavack (Chair), S. Lukasewich, E. McRae, A. Meis Mason, G. Peng, A. Pitariu, M. Rennie, D.Schoenhofen, B. Schumacher, D. Senkow, G. Sylvestre, W. Tebb, S. Tucker, C. Vanderkooy, M. Wang, Z. Zhang
M. Dillon (SK Chamber of Commerce), P. Douglas (Science), B. Hillier (Grad Student Rep), L. King (CCE), D. Kohl (Society of Management Accountants), R. Thomas (Library), S. Wilson (Arts)

REGRETS: J. Foley, R. Giberson, W. Lockhart

1. APPROVAL OF THE AGENDA

Lukasewich/Meismason

Moved that the Agenda be approved

Carried.

2. APPROVAL OF THE MINUTES OF THE MEETING OF December 11, 2009

Pitariu/Tucker

Moved that the Minutes be approved

Carried.

3. BUSINESS ARISING FROM THE MINUTES

There was no business arising from the Minutes.

4. DEAN'S REPORT

- Welcome to representatives from other Faculties and Departments
- Events since our last meeting:
 - Christmas Party on December 11 where 16 children were in attendance.
 - Campus visits for 2 recruiting candidates – Babatunde Ogunfowora for an HR position has accepted and will be joining us on May 1st.
We are waiting to hear whether Keke Song will accept the position in Finance.
 - Eric Dorion, professor and director of the Post-Graduate Program in Administration at the University of Caxias do Sul in Brazil, was a visitor at our campus on January 8th.

- Thanks to the Faculty who came out to support the JDC breakfast on January 13th. Lisa Watson will be in Prince George B.C. to lead our JDC students in the competition.
- The Inter-Collegiate Business Competition was held at Queen's University on January 8th and 9th. Our Accounting and HR teams made it into the final round, and the Accounting team finished second in the final round of the competition.
- Important Upcoming Dates:
 - January 22 – Ron Baker visiting as a candidate for an accounting position
 - January 22 – Teaching Workshop with Chris Street and Wally Lockhart
 - January 25 – EMBA Recruitment Lunch at Hotel Saskatchewan
 - January 29 – Research Presentation – Aldene Meismason
 - February 4 – Business Showcase Event
- Budget meetings will be held early February. Budget Preview presentation to our Faculty will be within the next couple of weeks.
- The MBA International Proposal was passed at the Planning and Priorities Committee January 14th. In order to go ahead with this program, we will require funding to hire three term position faculty members.
- We will soon be requesting expressions of interest from faculty members wishing to teach GBUS and EMBA business graduate classes in Fall 2010.
- Our faculty is well positioned for achieving AACSB accreditation standards. The AACSB accreditation standard that we do not currently meet is that we must have at least 75% of our courses and/or credit hours taught by full-time faculty members. We anticipate that we will be able to increase this to 75% with our new hiring.

5. ASSOCIATE DEAN'S REPORTS

5.1 Associate Dean G. Sylvestre

- There have been 2 academic misconduct cases recently. Please keep reminding your students about the importance of academic integrity, in both undergraduate and graduate courses.

5.2 Associate Dean D. Senkow

- The first Research Presentation for Winter 2010 will be January 29th. The remaining schedule will be announced shortly.
- ORS has established a SSHRC cohort program to support faculty in preparing grant applications. Participants in the program are eligible for a \$500 grant to help develop their application.
- The 2009 Research Bulletin is being prepared – please submit any information about 2009 publications, conferences, etc.

6. REPORTS OF STANDING COMMITTEES

6.1 Dean's Advisory Committee – Nothing to Report

6.2 Nominating Committee – Nothing to Report

6.3 Studies, Scholarships and Admissions Committee – Nothing to Report

6.4 Undergraduate Program Committee – Nothing to Report

6.5 Graduate Program Committee – Nothing to Report

6.6 Teaching Committee – Nothing to Report

7. REPORTS FROM REPRESENTATIVES FROM OTHER FACULTIES

7.1 Fine Arts

- There will be a recital by the Department of Music with contributors from the Theatre Department held in the University Theatre on January 17th.

8. REPORTS FROM BUSINESS ADMINISTRATIVE REPRESENTATIVES TO OTHER FACULTIES – Nothing to Report

9. OTHER REPORTS – There were no other Reports

10. OTHER BUSINESS

10.1 Committee Terms of Reference – Appendix 2 – Revisions to Committee Terms of Reference

- Many changes are minor (for example: Associate Dean, Operations and International Programs changed to Associate Dean, Undergraduate Programs)
- Dean has been added to committees as an ex-officio – non voting member
- Graduate Program Committee – changes to reflect that there is no longer an Associate Dean and Director of the Kenneth Levene Graduate School of Business and to align the length of a term on the committee at two years as for the other committees.

Senkow/Johnson

Moved that the changes to the Committee Terms of Reference be accepted
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Carried.

11. The meeting was adjourned at 10:35am.

FACULTY OF BUSINESS ADMINISTRATION

Report from the Undergraduate Program Committee to Faculty Council (February 12, 2010)

The Undergraduate Program Committee and the Studies, Scholarships and Admissions Committee recommend the approval of the following motion.

MOTION

Moved that, effective for Fall 2013 admission, Foundations of Mathematics 30 and Pre-Calculus 30 be added as acceptable mathematics courses for admission to the Faculty of Business Administration.

Although students applying to Business Administration can be admitted with either Foundations of Mathematics 30 or Pre-Calculus 30, it is strongly recommended that students have both or have Pre-Calculus 20 in addition to Foundations of Mathematics 30.

Proposed High School Course Requirements	Current High School Course Requirements
<p>English Language Arts A30 and B30</p> <p>Math B30 or Foundations of Mathematics 30 or Pre-Calculus 30</p> <p>One 30-level language, social science, or fine arts course chosen from Arts Education 30, Christian Ethics 30, Cree 30, Drama 30, Economics 30, French 30, Geography 30, German 30, History 30, Latin 30, Law 30, Mandarin 30, Music 30, Native Studies 30, Psychology 30, Saulteaux 30, Social Studies 30, Spanish 30, Ukrainian 30, Ukrainian Language Arts 30, Visual Art 30.</p> <p>One additional 30-level course from the list above or one of Biology 30, Calculus 30, Chemistry 30, Computer Science 30, Foundations of Mathematics 30, Geology 30, Math A30, Math C30, Pre-Calculus 30 or Physics 30.</p>	<p>English Language Arts A30 and B30</p> <p>Math B30</p> <p>One 30-level language, social science, or fine arts course chosen from Arts Education 30, Christian Ethics 30, Cree 30, Drama 30, Economics 30, French 30, Geography 30, German 30, History 30, Latin 30, Law 30, Mandarin 30, Music 30, Native Studies 30, Psychology 30, Saulteaux 30, Social Studies 30, Spanish 30, Ukrainian 30, Ukrainian Language Arts 30, Visual Art 30.</p> <p>One additional 30-level course from the list above or one of Biology 30, Calculus 30, Chemistry 30, Computer Science 30, Geology 30, Math A30, Math C30 or Physics 30.</p>

Rationale and Background:

The western provincial and territorial governments have developed and will be implementing a common curriculum framework for high school mathematics. The framework is a substantial change and is based on streams or pathways (Apprentice and Workplace Mathematics, Foundations of Mathematics, and Pre-Calculus) starting in Grade 10. Additional information about the common framework initiative can be found at <http://www.wncp.ca/>

Implementation is scheduled as follows: Fall 2010: Implementation of new grade 10 courses; Fall 2011: Implementation of new grade 11 courses; Fall 2012: Implementation of new grade 12 courses.

Although the University of Regina will not see applicants with the new math curriculum applying before the Fall 2013 semester, it is important that the University of Regina establish admission criteria involving these courses well in advance such that we can communicate these changes to students as they begin to choose their mathematics stream(s) to fit with their career and educational goals.

A working group with representatives from various faculties and units on campus, including the Department of Mathematics and Statistics, examined the high school mathematics curriculum with the intent to provide guidance to faculties and the Admissions Office in developing admission and related policies. The group quickly recognized that the University of Regina should be as flexible as possible, within the academic context of our programs, as to which mathematics stream could be used for admission so as not to unfairly disadvantage students who did not have access to certain streams and/or made an inaccurate choice in grade 10 and/or 11.

The new high school math courses are organized around three paths (Foundations of Mathematics; Pre-Calculus; Apprenticeship and Workplace Math) with courses offered in Grade 10, 11 and 12 for each path. A student is able to take courses from more than one path as long as they have the prerequisite courses. Foundations of Mathematics and Pre-Calculus have a common grade 10 course and separate grade 11 and 12 courses – Foundations of Mathematics 20 and 30 and Pre-Calculus 20 and 30. There are three Workplace and Apprenticeship courses: 10, 20, and 30. See Appendix A for an overview of the three paths.

The Faculty of Business Administration's current math admissions requirement is Math B30. The following table shows the BBA required courses that have specific high school math prerequisites along with the Math Department's proposed new math curriculum prerequisites for the MATH/STAT courses.

Course	Current Prerequisite	Proposed Prerequisite
ECON 201/202	Math B30	
MATH 103 or MATH 104/105 or MATH 110	Math B30 (at least 65%) Math B30 and C30 Math B30 and C30 (at least 65%)	Pre-Calculus 20 and Foundations 30 or Pre-Calculus 30. See the note below. Pre-Calculus 30 (at least 65%)
STAT 100	Math A30	None beyond university admission

Note: MATH 104 is the first half of a full year course in calculus and MATH 105 is the second half. These courses may be replaced by two MATH courses designed to provide students with the background of Foundations 30 and Pre-Calculus 30.

Appendix A: Overview of Proposed High School Curriculum

Common Grade 10 (Foundations and Pre-Calculus pathways)

- SI and Imperial units – linear, area, and volume measurement, proportional reasoning
- primary trigonometric ratios
- factors of whole numbers and applications
- irrational numbers
- powers with integral and rational exponents
- multiplication of polynomials (binomials and binomial x trinomial)
- factoring (common factors and trinomial factoring)
- relating data, graphs, and situations
- understanding functions as relations
- slope and relationships of lines
- linear relations: equations, graphs, and applications, function notation
- systems of linear equations

Foundations of Mathematics Grade 11

- rate applications
- scale diagrams
- scale factors, perimeter, area, and volume
- properties of angles and triangles (proofs and applications)
- Sine Law and Cosine Law (including ambiguous case)
- inductive and deductive reasoning
- spatial reasoning via games and puzzles
- normal distribution (standard deviation and z-scores)
- confidence intervals, confidence levels, margin of error
- systems of linear inequalities
- quadratic functions
- research project on historical event or area of interest related to mathematics

Foundations of Mathematics Grade 12

- compound interest and financial decision making
- cost analysis
- investment portfolio: interest rate, rate of return, total return
- numerical and logical reasoning via puzzles and games
- simple set theory (Venn diagrams, intersection, union, and complement)
- conditional statements
- assessing validity of probability and odds-based statements
- probability of mutually and non-mutually exclusive dependent and independent events
- fundamental counting principal, permutations, combinations
- polynomial functions (degree < 3)
- logarithmic and exponential functions
- sinusoidal functions
- research project: current event or area of interest related to mathematics

Pre-Calculus Grade 11

- absolute value of Real numbers
- operations on radicals (numerical and variable radicands) , radical equations
- equivalent forms of rational expressions, operations on rational expressions, rational equations
- angles in standard position
- primary trigonometric ratios of angles to 360°
- Sine Law and Cosine Law including ambiguous case
- factoring beyond simple trinomials
- absolute value functions
- quadratic functions in standard and vertex form
- quadratic equations
- systems of linear-quadratic and quadratic-quadratic functions
- linear and quadratic inequalities in two variables
- quadratic inequalities in one variable
- arithmetic sequences and series
- geometric sequences and series
- reciprocal functions (of linear and quadratic functions)

Pre-Calculus Grade 12

- degrees and radians
- unit circle
- six trigonometric ratios (degrees and radians)
- sine, cosine, and tangent functions
- trigonometric equations (degrees and radians)
- trigonometric identities
- operations and composition of functions (function notation)
- transformations of graphs and equations (vertical and horizontal translations, stretches, reflections, and inverses)
- logarithms
- logarithmic and exponential functions
- logarithmic and exponential equations
- factoring beyond degree 2 (integral coefficients)
- polynomial functions (degree < 5)
- radical functions
- rational functions
- fundamental counting principal
- permutations
- combinations
- binomial theorem