

The following proposals, received on DAP between August 1-15, 2011, have been approved.  
For more information on the DAP process, see the Academic Handbook at [www.uwo.ca/univse/handbook](http://www.uwo.ca/univse/handbook).

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## FACULTY OF INFORMATION AND MEDIA STUDIES

### *MEDIA, INFORMATION AND TECHNOCULTURE*

Effective **September 1, 2011**, the following course will be revised:

#### **Media, Information and Technoculture 3000A/B - Designing and Critiquing Research Methods**

An introduction to the range of research methods appropriate for understanding scholarship in the fields of communications, information, and media studies, including surveys, interviewing, content analysis and ethnography. Students will study specific methods in the context of the media-related topics that these methods have been used to address.

Antirequisite(s): ~~Sociology 2206A/B~~

Prerequisite(s): At least 65% in each of MIT 1200F/G, 1500F/G and 1700F/G.

3 lecture hours, 0.5 course.

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## FACULTY OF SCIENCE

### *CALCULUS*

Effective **September 1, 2011**, the following courses will be revised:

#### **Calculus 1301A/B - Calculus II**

For students requiring the equivalent of a full course in calculus at a less rigorous level than Calculus 1501A/B. Integration by parts, partial fractions, integral tables, geometric series, harmonic series, Taylor series with applications, arc length of parametric and polar curves, first order linear and separable differential equations with applications.

Antirequisite(s): Calculus 1501A/B, Applied Mathematics 1413.

Prerequisite(s): A minimum mark of 55% in one of Calculus 1000A/B, 1100A/B or 1500A/B.

4 lecture hours, 0.5 course.

#### **Calculus 1501A/B - Calculus II for Mathematical and Physical Sciences**

Students who intend to pursue a degree in Actuarial Science, Applied Mathematics, Astronomy, Mathematics, Physics, or Statistics should take this course. Techniques of integration; The Mean Value Theorem and its consequences; series, Taylor series with applications; parametric and polar curves with applications; first order linear and separable differential equations with applications.

Antirequisite(s): Calculus 1301A/B, Applied Mathematics 1413.

Prerequisite(s): A minimum mark of 60% in one of Calculus 1000A/B, 1100A/B or 1500A/B.

4 lecture hours, 0.5 course.

### *MATHEMATICS*

Effective **September 1, 2011**, the following courses will be revised at main campus (and the affiliated university colleges where noted):

#### **Mathematics 0110A/B - Introductory Calculus**

Introduction to differential calculus including limits, continuity, definition of derivative, rules for differentiation, implicit differentiation, velocity, acceleration, related rates, maxima and minima, exponential functions, logarithmic functions, differentiation of exponential and logarithmic functions, curve sketching.

Antirequisite(s): Mathematics 1225A/B, Calculus 1000A/B, Calculus 1100A/B, Calculus 1500A/B, Applied Mathematics 1413, the former Mathematics 030.

Prerequisite(s): One or more of Ontario Secondary School MCF3M, MCR3U, or equivalent.

4 lecture hours, 0.5 course.

(Brescia, Huron, King's)

**Mathematics 1225A/B - Methods of Calculus**

Elementary techniques of integration; applications of Calculus such as area, volume, probability; functions of several variables, Lagrange multipliers. This course is intended primarily for students in the Social Sciences, but may meet minimum requirements for some Biological or Basic Medical Sciences modules. It may not be used as a prerequisite for any Calculus course numbered 1300 or above.

Antirequisite(s): Calculus 1301A/B, 1501A/B, Applied Mathematics 1201A/B or the former Calculus 1201A/B, Applied Mathematics 1413, the former Mathematics 030.

Prerequisite(s): One or more of Ontario Secondary School MCV4U, Mathematics 0110A/B, Calculus 1000A/B, 1100A/B, 1500A/B or the former Ontario Secondary School MCB4U.

3 lecture hours, 0.5 course.

(Brescia, Huron, King's)

**Mathematics 1600A/B - Linear Algebra I**

Properties and applications of vectors; matrix algebra; solving systems of linear equations; determinants; vector spaces; orthogonality; eigenvalues and eigenvectors.

Antirequisite(s): Applied Mathematics 1411A/B, 2811B, the former Linear Algebra 1600A/B.

Prerequisite(s): One or more of Ontario Secondary School MCV4U, the former Ontario Secondary School MGA4U, Mathematics 1229A/B, the former Mathematics 017a/b, Calculus 1100A/B, Calculus 1500A/B, or Calculus 1000A/B taken as a pre- or co-requisite.

3 lecture hours, 1 laboratory hour, 0.5 course.

(Brescia, Huron, King's)

**Mathematics 2155A/B - Discrete Structures I**

This course provides an introduction to logical reasoning and proofs. Topics include sets, counting (permutations and combinations), mathematical induction, relations and functions, partial order relations, equivalence relations, groups and applications to error-correcting codes.

Antirequisite(s): Software Engineering 2251A/B

Prerequisite(s): 1.0 course from: Mathematics 1120A/B, Applied Mathematics 1413, Calculus 1000A/B, 1100A/B or 1500A/B, Calculus 1301A/B or 1501A/B, Mathematics 1600A/B or the former Linear Algebra 1600A/B, or the former Mathematics 030 (in each case with a minimum mark of 60%).

4 lecture hours, 0.5 course.

**Mathematics 2291 - Elementary Theory of Numbers**

Euclidean algorithm, congruences, indices, continued fractions, Gaussian integers, partitions and Diophantine equations.

Antirequisite(s): Mathematics 3150A/B.

Prerequisite(s): 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1500A/B or 1501A/B, Applied Mathematics 1413, Mathematics 1120A/B, 1225A/B, 1228A/B, 1229A/B, 1600A/B, the former Linear Algebra 1600A/B, the former Mathematics 030, 031.

3 lecture hours, 1.0 course.

**Mathematics 2292 - Synthetic Geometry**

Groups of transformations of the Euclidean plane, inversion, the projective plane.

Antirequisite(s): Mathematics 4153A/B, the former Mathematics 319a/b.

Prerequisite(s): 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1500A/B or 1501A/B, Applied Mathematics 1413, Mathematics 1120A/B, 1225A/B, 1228A/B, 1229A/B, 1600A/B, the former Linear Algebra 1600A/B, the former Mathematics 030, 031.

3 lecture hours, 1.0 course.

**Mathematics 2293 - Elementary Operations Research with Applications**

Linear programming, basic probability and statistical distributions, networks, decision analysis, utility, game theory, inventory analysis, queuing theory, simulation, Markovian decision model, forecasting. Cannot be taken for credit by students in honors Mathematics programs.

Antirequisite(s): Applied Mathematics 3817A/B, Statistical Sciences 4654A/B, the former Statistical Sciences 236, 4737A/B.

Prerequisite(s): 1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1500A/B or 1501A/B, Applied Mathematics 1413, Mathematics 1120A/B, 1225A/B, 1228A/B, 1229A/B, 1600A/B, the former Linear Algebra 1600A/B, the former Mathematics 030, 031. If Mathematics 1228A/B or the former Mathematics 031 is not

taken, one of the following is also required, either as a prerequisite or a fall term co-requisite: Economics 2122A/B, 2222A/B, Statistical Sciences 2035, 2141A/B.  
3 lecture hours, 1.0 course.

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## REGISTRAR'S UPDATE

### FACULTY OF SOCIAL SCIENCE

#### BMOS

#### MAJOR IN ACCOUNTING

Effective **September 1, 2011**, the following module will be revised to reflect an omission. When 4463A/B, and 4464A/B were added to one line of the module, they were inadvertently not deleted from a previous line.

**Module:**

7.0 courses:

**1.0 course:** Business Administration 2257.

**1.0 course** from: MOS 2242A/B and 0.5 MOS 2000-level or above; Economics 2122A/B and 2123A/B; Psychology 2820E; Sociology 2205A/B and 2206A/B; Statistical Sciences 2035.

**3.0 courses:** MOS 2310A/B\*, MOS 3360A/B and 3361A/B, 3372, 4410A/B.

**0.5 course** from: MOS 2275A/B, 3362A/B, 3363A/B, 4462A/B, 4463A/B, 4464A/B, 4465A/B, 4466A/B.

**1.0 course** from: MOS 2181A/B, 2276A/B, 2320A/B\*, MOS 3330A/B.

**0.5 course** from: Anthropology 2201F/G, 2203F/G, 2262F/G; Economics 2124A/B, 2125A/B, 2150A/B, 2152A/B, 2154A/B, 2155A/B, 2156A/B, 2159A/B, 2160A/B, 2162A/B, 2163A/B, 2164A/B, 2184A/B; Geography 2143A/B, 2144F/G, 3422A/B; History 2125F/G, 2127F/G, 2419F/G, 2703F/G, 2807F/G; Management and Organizational Studies 4462A/B, 4463A/B, 4464A/B; Philosophy 2074F/G, 2720F/G, 2730F/G, 2821F/G, 2822F/G; Psychology 2030A/B, 2035A/B, 2070A/B, Sociology 2172A/B, 3308F/G, 3314F/G, 3315F/G, 3316F/G.

**Note:** \*Students interested in pursuing an HBA Degree at the Richard Ivey School of Business must defer MOS 2310A/B and 2320A/B until Year 3. These two courses will not count towards the 10.0 credits required for admission to the HBA Program and are discouraged for those students continuing on to the Richard Ivey School of Business. Students continuing in MOS must complete MOS 2310A/B and 2320A/B in Year 3 prior to enrolling in MOS courses for which these courses are the prerequisite.

#### HISTORY

Effective, **September 1, 2011**, to revise the title of the course History 2601E:

From: Modern Chinese History

To: History of Modern China