

The following proposals, received on DAP between October 1-15, 2012, 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 ENGINEERING

### CIVIL AND ENVIRONMENTAL ENGINEERING

Effective **September 1, 2012**, the name of Option F should be changed.

#### ~~F. Civil Engineering and International Development~~ **Environmental Engineering with International Development**

Effective **September 1, 2013**, the prerequisites for CEE 4440 be updated.

##### **CEE 4440 – Civil Engineering Thesis**

Selection and investigation of an engineering problem. Analytical and/or experimental work is carried out by individual students, supervised by a faculty member. Progress reports and a final engineering report are prepared; each student must deliver a public lecture. Students considering future graduate studies are strongly encouraged to take this course.

Prerequisite(s): Completion of third year of the Civil Engineering program **with a minimum Year Weighted Average of 75%**.

6 laboratory hours, 1.0 course.

Effective **September 1, 2013**, the prerequisites be updated for CEE 3324A/B.

##### **CEE 3324A/B – Surveying**

The fundamental theory and procedures of plane surveying with application to engineering construction. This course runs in the summer for a period of 15 days (usually three weeks preceding the start of term). Limited enrollment. Preference will be given to students who have completed term 4 of the Civil Engineering program. (26 lecture hours, 52 field work/laboratory hours).

Prerequisite(s): **Enrolled in Civil Engineering**

2 lecture hours, 4 laboratory hours, 0.5 course.

Students must attend the first class in order to be enrolled in the class because of the concise nature of the course, and the last date for dropping the course is at the end of classes on the fourth day.

Effective **January 1, 2013**, Civil and Environmental Engineering 4479A/B be introduced.

##### **CEE 4479A/B – Subsurface Contamination by Hazardous Industrial Chemicals**

This course deals with soil and groundwater contamination by organic industrial liquids. Multiphase flow through porous media will be covered, linking key physics and chemistry to contaminant behavior in the field. Relevant analytical and numerical models are employed. Practical aspects covered include site investigation techniques and innovative clean-up technologies.

Prerequisites: CEE 3386A/B or permission of the instructor.

3 lecture hours, 1 design lab/tutorial hour, 0.5 course.

Effective **January 1, 2013**, Civil and Environmental Engineering 4479A/B be added to the fourth year technical electives for options B and F of the Civil Engineering program.

#### **B. Environmental Engineering Option**

Fourth Year Program

CEE 4426A/B, CEE 4441, CEE 4465A/B, CEE 4476A/B, CEE 4478A/B, ES 4498F/G, Business Administration 2299E, three 0.5 technical electives.

##### **Technical Electives: Environmental Engineering Option**

CEE 4440, CEE 4405A/B, CEE 4418A/B, CEE 4428A/B, CEE 4429A/B, CEE 4458A/B, CEE 4461A/B, CEE 4477A/B, **CEE 4479A/B**, CBE 4463A/B, Earth Sciences 4440A/B

**F. Civil and International Development Option**

Fourth Year Program

Business Administration 2299E, CEE 3386A/B, CEE 4404A/B, CEE 4426A/B, CEE 4441, CEE 4465A/B, CEE 4478A/B, ES 4498F/G, two 0.5 technical electives.

**Technical Electives: International Development Option**

CEE 4405A/B, CEE 4418A/B, CEE 4427A/B, CEE 4440, CEE 4458A/B, CEE 4461A/B, CEE 4479A/B, Earth Sciences 4440A/B, Geography 2220A/B, 2230A/B.

**FACULTY OF HEALTH SCIENCES****SCHOOL OF HEALTH STUDIES**

*Effective **September 1, 2013**, Health Sciences 3190F/G will be offered through the School of Health Studies by the Office of Interprofessional Health Education and Research to students in the Faculty of Health Sciences and other health-related programs (e.g. the Bachelor of Medical Sciences program; Schulich School of Medicine & Dentistry; Foods and Nutritional Sciences, Brescia University College; School of Social Work, King's University College).*

**Health Sciences 3190F/G – Introduction to Interprofessional Health Education**

This course is intended to aid students considering a career in any health-related profession. It will help to prepare students for education and practice in the evolving healthcare system and introduce concepts that will help them to understand how to be effective as part of an interprofessional team. Diverse methods of teaching and evaluation will be used, including online facilitation and small group learning.

To be introduced September 2013.

Prerequisite(s): Enrollment in third or fourth year in the Faculty of Health Sciences, the Bachelor of Medical Sciences program, the School of Social Work or the Foods and Nutritional Sciences Program  
0.5 course, on-line course.

**SCHOOL OF KINESIOLOGY**

*Effective **September 1, 2013**, the Honors Specialization in Kinesiology-B.A. and Major in Kinesiology modules be revised as outlined below.*

**HONORS SPECIALIZATION IN KINESIOLOGY - BA****Module**

9.5 courses:

**1.5 courses:** Kinesiology 2222A/B\*, Kinesiology 2230A/B, 2241A/B (must be taken in second year).**2.0 course** from: Kinesiology 2900 - 2999, Kinesiology 3900- 3999, Dance 2274A/B, 2275A/B, 2276A/B, 2375A/B. A minimum /maximum of four activity quarter courses(or equivalent) must be selected in each of second and third year.**1.0 course** from: Kinesiology 2236A/B, 2250A/B, 2263F/G, 2276F/G, 2292F/G [or the former 2290F/G, 2293F/G].**0.5 course:** Kinesiology 2032A/B or the former Kinesiology 332a/b.**4.5 additional** Kinesiology courses at the 2000 level or above (non activity based), of which at least 1.0 course must be selected from: Kinesiology 2250A/B, 2263F/G, 2276F/G, 2292F/G [or the former 2290F/G, 2293F/G], Kinesiology 3362F/G, 3363A/B, 3378F/G, 3388A/B, 3390F/G, 3476F/G, 4459A/B, 4460F/G, 4468A/B, 4493F/G, 4498A/B.

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**MAJOR IN KINESIOLOGY****Module**

6.5 courses:

**1.5 courses:** Kinesiology 2222A/B, 2230A/B, 2241A/B (must be taken in second year).**2.0 courses** from: Kinesiology 2900-2999, Kinesiology 3900-3999, Dance 2274A/B, 2275A/B, 2276A/B, 2375A/B. A minimum /maximum of four activity quarter courses [or equivalent] must be selected in each of

second and third year.

**1.0 course** from: Kinesiology 2236A/B, 2250A/B, 2263F/G, 2276F/G, 2292F/G [or the former 2290F/G, 2293F/G], Kinesiology 2298A/B, Dance 2270A/B

**0.5 course:** Kinesiology 2032A/B or the former Kinesiology 332a/b.

**1.5 additional** Kinesiology courses at the 2000 level or 3000 level (non activity based), of which 1.0 must be selected from: Kinesiology 2250A/B, 2263F/G, 2276F/G, 2292F/G [or the former 2290F/G, 2293F/G], Kinesiology 2298A/B, Kinesiology 3362F/G, 3363A/B, 3378F/G, 3388A/B, 3390F/G, 3398F/G, 3399A/B, 3476F/G, Dance 2270A/B, Dance 3371A/B, Dance 3372A/B.

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Effective **September 1, 2013** Kinesiology 3330A/B (*Laboratory in Exercise Physiology*) become an essay-designated course.

#### **Kinesiology 3330A/B/F/G – Laboratory in Exercise Physiology**

This course focuses on experiments designed to highlight the physiological response to exercise and to introduce basic techniques for fitness evaluation.

Prerequisite(s): Kinesiology 2230A/B. Priority to BSc Honors Specialization Kinesiology students.

Co-requisite(s): Kinesiology 3337A/B

3 laboratory hours, 1 tutorial hour, 0.5 course.

Effective **September 1, 2013**, Kinesiology 3399A/B (*Sport Marketing*) become an essay-designated course.

#### **Kinesiology 3399A/B/F/G – Sport Marketing**

Sport is a market driven industry. Managers cannot successfully operate in the industry without a thorough understanding of the marketing concept and its linkage between customers and products. This course focuses on the strategic sport marketing planning process, the sport consumer, market research and strategies, and the elements of the marketing mix.

Prerequisite(s): Kinesiology 2298A/B.

3 lecture hours, 0.5 course.

Effective **September 1, 2013**, Kinesiology 3510F/G (*Sport in Development*) be introduced in the School of Kinesiology.

#### **Kinesiology 3510F/G – Sport in Development**

This course involves a critical examination of sport and its role in international development, health promotion, and global politics. Topics will include, but are not limited to, sport for development and peace; international physical activity policies; the politics of sport for disease prevention and health promotion (i.e. aids awareness, obesity); and sport for urban and community development.

To be introduced September 2013.

Antirequisite(s): Kinesiology 3371B if taken in 2011-12 or 2012-13

3 lecture hours, 0.5 course

Effective **September 1, 2013**, Kinesiology 3550A/B (*Applied Kinesiology*) be introduced in the School of Kinesiology.

#### **Kinesiology 3550A/B – Applied Kinesiology**

Students will draw on knowledge gained throughout their undergraduate courses and apply them along with new concepts as we discuss common occupational injuries, basic ergonomics and occupational biomechanics.

To be introduced September 2013.

Antirequisite(s): Kinesiology 4472B if taken in 2012-13

Prerequisite(s): Kinesiology 2222A/B; Kinesiology 2230A/B; Kinesiology 2241A/B

3 lecture hours, 2 hour lab biweekly, 0.5 course

Effective **September 1, 2013**, Kinesiology 4560A/B (*Advanced Topics In Musculoskeletal Rehabilitation*) be introduced in the School of Kinesiology.

**Kinesiology 4560A/B – Advanced Topics in Musculoskeletal Rehabilitation**

Students will build on previous knowledge gained throughout their undergraduate classes and apply them to all aspects of the rehabilitation process, including evidence based practice, clinical assessment/treatment techniques, therapeutic modalities and charting.

To be introduced September 2013.

Antirequisite(s): Kinesiology 4471A if taken in 2012-13

Prerequisite(s): Kinesiology 3336A/B

3 lecture hours, 0.5 course

Effective **September 1, 2013**, *Kinesiology 4485Y (Field Experience in Athletic Therapy)* be withdrawn from the course offerings in the School of Kinesiology.

Effective **September 1, 2013**, *Kinesiology 4585 (Field Experience in Athletic Therapy)* be introduced in the School of Kinesiology.

**Kinesiology 4585 – Field Experience in Athletic Therapy**

This course provides students with the opportunity to put theory into practice within the sport system available at Western. Students will work closely with athletic teams in assigned areas and under course-instructor supervision.

To be introduced September 2013.

Pre-requisite(s): Kinesiology 3336A/B; current certification in Emergency First Responder (EFR) Training.

3 lecture/seminar hours, 1.0 course

Restricted to students in fourth year Honors Specialization in Kinesiology and subject to Faculty procedural guidelines and approval.

**KING'S UNIVERSITY COLLEGE****ECONOMICS**

Effective **September 1, 2012**, (a) the requirements for a Minor in Economics will be revised at King's University College to delete Economics 2151A/B and 2153A/B; and (b) to change the modular requirement of 5.0 courses to 4.0 courses.

**MINOR IN ECONOMICS****Module**

~~5.0~~ 4.0 courses:

**2.5** 1.5 courses: Economics 2122A/B, 2150A/B, ~~2151A/B~~, 2152A/B, ~~2153A/B~~

**2.5 additional courses** in Economics at the 2100 level or above.

\*Students may replace Economics 2122A/B with Statistical Sciences 2035 to fulfill the statistics requirement for the module. However, Economics 2122A/B must be replaced with another 0.5 course in Economics at the 2100 level.

**MANAGEMENT AND ORGANIZATIONAL STUDIES**

Effective **September 1, 2012**, the admission requirements for (a) the BMOS Honors Specialization in Finance and Administration; and (b) Specialization in Finance and Administration will be revised at King's University College to remove the essay requirement from the 5.0 first year courses.

**HONORS SPECIALIZATION IN FINANCE AND ADMINISTRATION****Module**

5.0 First year courses:

1.0 course: Business Administration 1220E.

0.5 course from: Mathematics 1225A/B; Calculus 1000A/B, 1100A/B.

0.5 course from: Calculus 1301A/B, 1501A/B; Mathematics 1229A/B, 1600A/B.

1.0 course: Economics 1021A/B and 1022A/B.

1.0 course from: History, Political Science, Psychology, Sociology, Philosophy (1000-1999).

**1.0 course** from: 1000-1999 (~~Essay recommended F, G or E.~~)

Note: Students are encouraged to take MOS 1033A/B.

## **SPECIALIZATION IN FINANCE AND ADMINISTRATION**

### **Module**

5.0 First-year courses:

1.0 course: Business Administration 1220E.

1.0 course from: Mathematics 1225A/B, 1228A/B, 1229A/B; Calculus 1000A/B, 1100A/B, Calculus 1301A/B, 1501A/B; Mathematics 1600A/B or the former Linear Algebra 1600A/B; Statistical Sciences 1024A/B; or the former Mathematics 030\*.

1.0 course: Economics 1021A/B and 1022A/B, or Economics 1020.

~~4.0~~ **2.0** course: 1000-1999\*\*

~~1.0 designated essay course numbered 1000-1999 F/G or E.~~

Notes:

\*Students wishing to transfer to a BMOS Honors degree must have the proper Mathematics prerequisites for advanced economics courses ie., 0.5 from Calculus 1000A/B, 1100A/B or Mathematics 1225A/B and 0.5 from Calculus 1301A/B, 1501A/B, Mathematics 1229A/B or 1229A/B.

\*\*MOS 1033A/B is strongly recommended.

## **DAP UPDATE: MINOR CHANGES**

“UWO” was changed to “Western” in the following areas:

- Faculty of Science: Earth Science 1086F/G, 2240F/G
- Faculty of Law: Combined Programs titles, overviews, administration, and tuition sections
- Schulich School of Medicine and Dentistry: Faculty information
- General sections: Affiliation Agreements, Student Appeals, Admission, Graduation, Structure of the Degree/Progression, Student Financial Services, Academic Information

## **FACULTY OF HEALTH SCIENCES**

One tutorial hour was added to **Kinesiology 3457A/B** and **Kinesiology 4457A/B**.

### **Kinesiology 3457A/B Cognitive Ergonomics**

Cognitive ergonomics is concerned with mental processes, such as perception, decision making, memory, reasoning, and response execution, as they affect interactions among humans and other elements of a work system. Relevant topics include skilled performance, attention, distraction, human error, work stress, risk perception, and Kansei engineering as these may relate to human-system design, safety and productivity. Assessment methodologies include hierarchical task analysis, cognitive task analysis, mental workload, human error identification/accident investigation, and situation awareness assessment.

Antirequisite(s): Kinesiology 3371A (taken in 2010-11); the former Kinesiology 4456A/B.

3 lecture hours, **1 tutorial hour**, 0.5 course.

### **Kinesiology 4457A/B Ergonomics and Aging**

Melding together concepts from Cognitive Ergonomics and Aging, the course focuses on how to prolong independent living in older adults by improving function, safety, and quality of life.

3 hours per week, **1 tutorial hour**, 0.5 course.