

The following proposals, received on DAP between March 16-31, 2014, have been approved.
For more information on the DAP process, see the Academic Handbook at www.uwo.ca/univse/handbook.

FACULTY OF ARTS AND HUMANITIES

MEDIEVAL STUDIES

Effective **September 1, 2014**, the following courses will be introduced in the Faculty of Arts and Humanities.

Medieval Studies 3320F/G -- Directed Readings in Medieval Studies

Students pursue directed readings in a field of Medieval Studies selected in consultation with a faculty member.

Prerequisite(s): Permission of the program

0.5 course

Medieval Studies 4320F/G Independent Study Seminar

Students develop and pursue an independent research project, reporting on its progress in the seminar, and submitting an interim report and a final written report and oral presentation.

Prerequisite(s): Permission of the program

0.5 course

SCHOOL FOR ADVANCED STUDIES IN THE ARTS AND HUMANITIES

Effective **September 1, 2014**, the following courses be withdrawn.

Arts and Humanities 2210E - Research Means & Methods in the Arts and Humanities

Arts and Humanities 3380E - Critical Theories in the Arts and Humanities

Effective **September 1, 2014**, the following courses be introduced.

Arts and Humanities 2200E - Critical Theories in the Arts and Humanities

This course addresses contemporary theories and historical approaches currently used in the Arts and Humanities. The course aims to provide a foundation for critical thought by exploring how different disciplines understand and interpret texts, objects, and historical contexts.

Prerequisite(s): 75% or higher in AH 1020E

3 lecture hours, 1.0 course

Arts and Humanities 2230F/G – Digital Tools, Digital Literacies

This course examines the evolution of information systems and the impact of digital technologies on research in the Arts and Humanities through a hands-on examination of databases, search engines, and online archives; text mining and analysis tools; visualization, bibliography and citation software; social media, blogging, and website design and creation.

Prerequisite(s): 75% or higher in AH 1020E.

3 lecture hours, 0.5 course

Effective **September 1, 2014**, the following courses be revised.

Arts and Humanities 2220F/G – Effective Communication Writing in the Arts and Humanities

This course examines the critical forms and strategies of writing and speaking in the Arts and Humanities by studying the principles and practices of rhetoric, argumentation, stylistic clarity, editing/rewriting, with an eye to students' professional as well as academic development.

Examines the various forms and strategies of critical writing and reading in the Arts and Humanities. Studying the principles and practices of argumentation, stylistic clarity, editing/rewriting, and writing as a creative process creates a skill set applicable both inside and outside the university.

Prerequisite(s): 75% or higher in AH 1020E.

3 lecture hours, 0.5 course

Arts and Humanities 3390F/G-3393F/G - Special Topics in the Arts and Humanities

~~Please consult the Faculty for current offerings.~~

This course offers students an intensive and engaged learning experience by focusing on the research expertise of one of the School's Fellows. Students will study the practical issues and approaches to research in the Arts and Humanities. The course encourages self-directed study, and may include travel to an international location.

Prerequisite(s): AH ~~2200E, 2210E, 2220F/G, 2230F/G~~

3 lecture hours, 0.5 course

Note: Please consult the Faculty for current course offering.

Arts and Humanities 4410E - Integrated Seminar

~~A special topics course that centres on a specific theme that is examined from the various disciplinary perspectives in the Arts and Humanities.~~

This capstone seminar centres on a specific theme or hot topic, chosen by a specific Visiting Fellow, to be examined from various disciplinary and methodological perspectives in the Arts and Humanities. Students can expect to travel to a national or international site to undertake intensive fieldwork.

Prerequisite(s): AH ~~3380E~~ 2200E, 2220F/G, 2230F/G

3 lecture hours, 1.0 course

Arts and Humanities 4490F/G-4493F/G - Experiential Learning in the Arts and Humanities

This course focuses on the advanced development of critical and research skills to prepare students for postgraduate study. Please consult the Faculty for current offerings. Students can also elect to undertake a research, teaching, or unpaid internship in a professional field to prepare for jobs in the private and public sectors. A detailed proposal of the internship must be submitted to the Faculty for approval prior to registering in the course.

Prerequisite(s): AH ~~3380E~~ 2200E, 2220F/G, 2230F/G

0.5 course

Note: A detailed proposal of the internship must be submitted to the School's Director for approval prior to registering in the course.

Effective **September 1, 2014**, the Major in Arts and Humanities be revised.

MAJOR IN ARTS AND HUMANITIES

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Module

6.0 courses

~~3.5~~ 2.0 courses: Arts and Humanities ~~2200E, 2210E, 2220F/G, 2230F/G, 3380E, 4410E~~

~~0.5~~ course from: Arts and Humanities ~~2290F/G, 2291F/G, 2292F/G, 2293F/G~~

4.0 2.0 courses from: Arts and Humanities 3390F/G, 3391F/G, 3392F/G, 3393F/G

4.0 2.0 courses from: Arts and Humanities 4410E, 4490F/G, 4491F/G, 4492F/G, 4493F/G

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FACULTY OF ENGINEERING**ELECTRICAL AND COMPUTER**

Effective **September 1, 2014**, the following courses be revised.

Electrical and Computer Engineering 3331A/B - Introduction to Signal Processing

Introduction to discrete-time signals and sampled data, linear time-invariant (LTI) systems, frequency response, discrete Fourier transforms, convolution, spectrum analysis, Z-transforms, non-recursive digital filters.

Prerequisite(s): ECE 2233A/B or MSE 2233A/B.

3 lecture hours, 1 laboratory hour, 0.5 course.

Electrical and Computer Engineering 4455A/B – **Biomedical Systems Analysis** Engineering Analysis of Physiological Systems

An introduction to biomedical engineering organized around applications of linear and control **systems analysis to the dynamics of physiological systems and their responses to diagnostic and therapeutic interventions** system models to organ system regulation and adaptation. Emphasis will be placed on respiratory, and cardiovascular, and neuromuscular physiology and interactions of those systems with medical devices.

Antirequisite: MEDBIO 4455A/B

Prerequisite(s): (ECE 2233A/B or MSE 2233A/B) and ECE 3330A/B.

3 lecture hours, 0.5 course.

Effective **September 1, 2014**, the following course be introduced.

Electrical and Computer Engineering 4415 – Computer Engineering Design Project

Selection and investigation of a computer engineering problem. Analytical and/or experimental work is carried out by project groups under the supervision of a faculty member. Progress report and a final engineering report are prepared. Each student must deliver a public oral presentation.

Antirequisites: CBE 4497, CEE 4441, ECE 4416, ES 4499, GPE 4497, MME 4499, MSE 4499, SE 4450.

Prerequisites: Completion of third year of the Computer Engineering program.

6 laboratory hours, 1.0 course.

FACULTY OF HEALTH SCIENCES

KINESIOLOGY

Effective **September 1, 2014**, the following changes be made to the Honors Specialization in Kinesiology-Sport Management module.

HONORS SPECIALIZATION IN KINESIOLOGY - SPORT MANAGEMENT

Admission Requirements

Completion of first-year requirements with no course grade less than 60% on a full course load. Students must have an average of at least 70% in 5.0 course load and 70% in 4-0 **3.0** principal courses, with no mark in these principal courses below 60%, including Kinesiology 1080A/B and 1088A/B, Physiology 1021, and Business Administration 1220E, and one of Sociology 1020 or 1021E.

Notes:

1. The Honors Specialization in Kinesiology - Sport Management is a limited enrolment program. More competitive academic standing may be required when demand exceeds enrolment capacity. Admission to the module is restricted to students registered in the School of Kinesiology.
2. The admission, progression requirements and course selections for the "Honors Specialization in Kinesiology - Sport Management" and the "Combined Bachelor of Arts Honors Specialization in Kinesiology-Sport Management / Honors Bachelor of Arts in Business Administration" are not the same. Students are admitted into one program or the other and must follow the program requirements accordingly.

Module

10.5 courses:

2.5 courses: Kinesiology 2222A/B, 2230A/B, 2241A/B, 2250A/B, 2298A/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.

1.5 **0.5** courses: ~~Business Administration 2257~~, Writing 2111F/G.

1.5 courses: Kinesiology 2032A/B, 3398F/G, 3399A/B

1.0 course: Kinesiology 4489A/B, 4498A/B.

2-0 **3.0** additional courses from **Kinesiology courses at the 2000 level or above (non activity based), of which at least 1.0 course must be selected from:** Kinesiology 2263F/G, 2276A/B, 2292F/G [or the former 2290F/G, 2293F/G], Kinesiology 3377F/G, 3390F/G, **3490F/G, 3510F/G**, 4459A/B, 4460F/G, ~~4468A/B, 4493F/G~~.

For module planning guide go to the School of Kinesiology website: <http://www.uwo.ca/fhs/kin/>

Notes Additional Information:

1. All students must complete a Statistics course as a pre or co requisite to Kinesiology 2032A/B.
2. 1.0 Sociology at the 1000-level is recommended.
3. Business 2257 is recommended

FACULTY OF INFORMATION AND MEDIA STUDIES

Effective September 1, 2014, the Media and the Public Interest modules be revised.

HONORS SPECIALIZATION IN MEDIA AND THE PUBLIC INTEREST (MPI)

Enrolment in all modules in Media and the Public Interest is limited. Meeting the minimum requirements does not guarantee that students wishing to enter any module in Media and the Public Interest will be offered enrolment.

Admission Requirements

Completion of all first-year requirements with no failures. Students must have an average of at least 72% in 4.0 principal courses, with no mark in any principal course below 60%, and including a minimum grade of 70% in each of Media, Information and Technoculture 1200F/G, 1500F/G and 1700F/G.

Module

9.0 courses:

3.0 courses required in second year: MIT 2000F/G, 2100F/G, 2200F/G, 2500A/B, ~~2901F/G~~, 2152F/G, Writing 2121F/G.

1.0 courses required in third year: MIT 3000A/B, 3100F/G.

1.0 course required in fourth year: MIT 4999F/G and 0.5 course from MIT courses numbered 4030F/G-4039F/G.

1.0 courses: MIT 3901F/G, 3902F/G.

1.5 courses chosen from the approved list of MPI elective courses at the 2000 level or above.

0.5 additional course in MIT at the 2000 level or above.

1.0 additional course in MIT at the 3000 level or above.

An approved list of MPI appropriate electives is available from the Faculty of Information and Media Studies.

Note: Students who entered the program prior to September 1, ~~2010~~ 2014 should consult the Academic Calendar in the year in which they were admitted to the program for their program requirements. Past Academic Calendars can be viewed at <http://www.westerncalendar.uwo.ca/Calendars.html>.

MAJOR IN MEDIA AND THE PUBLIC INTEREST (MPI)

Enrolment in all modules in Media and the Public Interest is limited. Meeting the minimum requirements does not guarantee that students wishing to enter any module in Media and the Public Interest will be offered enrolment.

Admission Requirements

Completion of all first-year requirements with no failures. Students must have an average of at least 68% in 4.0 principal courses, including a minimum grade of 65% in each of Media, Information and Technoculture 1200F/G, 1500F/G and 1700F/G.

Module

7.0 courses:

3.0 courses required in second year: MIT 2000F/G, 2100F/G, 2200F/G, 2500A/B, ~~2901F/G~~, 2152F/G, Writing 2121F/G.

1.5 courses: MIT 3901F/G, 3902F/G, 4999F/G.

2.0 courses chosen from the approved list of MPI elective courses at the 2000 level or above.

0.5 additional course in MIT at the 3000 level.

An approved list of MPI appropriate electives is available from the Faculty of Information and Media Studies.

Note: Students who entered the program prior to September 1, ~~2010~~ 2014 should consult the Academic Calendar in the year in which they were admitted to the program for their program requirements. Past Academic Calendars can be viewed at <http://www.westerncalendar.uwo.ca/Calendars.html>.

INTERFACULTY DEPARTMENTS/MODULES

WOMEN'S STUDIES AND FEMINIST RESEARCH

Effective **September 1, 2014**, *Women's Studies 2208E* be introduced.

Women's Studies 2208E - Women in Canadian History: Changing Roles and Diverse Social Realities

A survey of Canadian women's history from first European contact to the 1960s, with a focus on the realities of women's lived experience as recorded through biography.

Antirequisite(s): Women's Studies 2139A/B; Women's Studies 2140; History 2182A/B; History 2140

3 lecture hours, 1.0 course

Effective **September 1, 2014**, the following courses be revised.

Women's Studies 2139A/B - Social History of Women in Canada

A survey of Canadian women's history from first European contact to the 1960s, with a focus on the realities of women's lived experience through biography.

Antirequisite(s): Women's Studies 2140, **2208E**, History 2140, 2182A/B, 2208E

3 lecture hours, 0.5 course.

Women's Studies 2140 - Women in Canadian History: Changing Roles and Diverse Social Realities

A survey of Canadian women's history from first European contact to the 1960s, with a focus on the realities of women's lived experience as recorded through biography.

Antirequisite(s): Women's Studies 2139A/B, **2208E**, History 2140, 2182A/B, 2208E

3 lecture hours, 1.0 course

DON WRIGHT FACULTY OF MUSIC

Effective **September 1, 2014**, the following courses will be withdrawn.

Music 3690A/B/Y - Special Topics (in Analysis, Composition or History)

Music 3772A/B/Y - Special Topics (in the History of Music)

Music 4733A/B - Topics in Jazz II

FACULTY OF SCIENCE

APPLIED MATHEMATICS

Effective **September 1, 2014**, the following courses be revised.

Applied Mathematics 1411A/B – Linear Algebra with Numerical Analysis for Engineering Engineers

Matrix operations, systems of linear equations, linear spaces and transformations, determinants, eigenvalues and eigenvectors, applications of interest to Engineers including diagonalization of matrices, quadratic forms, orthogonal transformations; introduction to MATLAB with applications from linear algebra.

Antirequisite(s): **Mathematics 1600A/B.**

Prerequisite(s): Ontario Secondary School MHF4U or MCV4U, or Mathematics 0110A/B.

3 lecture hours, 4 **2 computer lab or** tutorial hours, 0.5 course.

For students in Engineering only.

Restricted to students in the Faculty of Engineering.

Applied Mathematics 1413 – Applied Mathematics for Engineers I

The calculus of functions of one and more variables with emphasis on applications in Engineering.

Limits, continuity, differentiation of functions of one variable with applications, extreme values, integration, the fundamental theorem of calculus, methods and applications of integration to areas, volumes and engineering applications. Sequences and series, convergence, power series. Vector functions, partial differential calculus, gradients, directional derivatives and applications.

Antirequisite(s): Calculus 1000A/B, 1100A/B, 1301A/B, 1500A/B, 1501A/B, Mathematics 1225A/B.

Prerequisite(s): One or more of Ontario Secondary School MHF4U, MCV4U, or Mathematics 0110A/B.

3 lecture hours, 1 tutorial hour, 1.0 course.

Applied Mathematics 1413 is a suitable prerequisite for any course which lists Calculus 1000A/B plus Calculus 1501A/B. ~~For students in Engineering only.~~ **Restricted to students in the Faculty of Engineering.**

Effective **September 1, 2014**, Applied Mathematic 1999F/G be introduced.

Applied Mathematics 1999F/G – Introduction to Experimental Mathematics

Behind the polished presentations of most mathematical results there often lie dramatically powerful experimental methods. Modern computational tools have vastly increased the effectiveness of this approach. This course provides tools and opportunities for experiment and the discovery of new mathematics. The best projects from this course will be published.

Corequisite(s): Calculus 1000A/B or 1500A/B or Applied Mathematics 1413.

2 lecture hours, 2 computer lab hours, 0.5 course.

FACULTY OF SOCIAL SCIENCE

GEOGRAPHY

Effective **September 1, 2014**, Geography 3343A/B will be introduced.

Geography 3343A/B - River Ecosystems

This course introduces students to riverine ecosystems. General principles of the physical, chemical and biological patterns and processes of river systems are presented in a landscape context. The course emphasizes human driven landscape changes in the health and sustainability of river systems and teaches techniques for river monitoring and assessment.

Prerequisites: One of Geography 2310A/B, 2320A/B, 2330A/B, Biology 2483A/B, 2485A/B, Earth Sciences 2230A/B

2 lecture hours, 1 laboratory hour, 0.5 course.

HISTORY

Effective **September 1, 2014**, introduce a new general information page in the History section titled "Distribution Requirements for the History Honors Specialization, Major, and Specialization".

DISTRIBUTION REQUIREMENTS FOR THE HISTORY HONORS SPECIALIZATION, MAJOR, AND SPECIALIZATION

The Honors Specialization, Major, and Specialization all require students to satisfy two distribution requirements, a Geographic Distribution Requirement and a Pre-1800 Distribution Requirement.

The Geographic Distribution Requirement is satisfied by taking 1.0 course in United States history, 1.0 course in European history, and 1.0 course in World history. The designation World history means for this purpose the history of peoples living outside of North America and Europe. The Geographic Distribution Requirement cannot be satisfied by courses taken at the 2100 level.

- The requirement that students take 1.0 course in United States history may be satisfied by taking 1.0 course with any of the following numbers: History 2300-2399, 3300-3399, and 4300-4399.
- The requirement that students take 1.0 course in European history may be satisfied by taking 1.0 course with any of the following numbers: History 2400-2499, 3400-3499, and 4400-4499.

- The requirement that students take 1.0 course in World history may be satisfied by taking 1.0 course with any of the following numbers: History 2500-2599, 3500-3599, and 4500-4599 (Latin American or Pacific history), as well as History 2600-2699, 3600-3699, and 4600-4699 (Asian, African, or Middle Eastern history). Other selected History classes that emphasize the history of regions other than North America and Europe also may satisfy the World history requirement. History 3701E and History 3702F/G are both considered World history classes for this purpose. History 2811E, 2812E, and 3707E, if completed in the 2012-13 academic year or earlier, also are considered World history classes for the purposes of satisfying the Geographic Distribution Requirement.

- Classical Studies courses may not be used to satisfy the Department's Geographic Distribution Requirement. The requirement that students in the Honors Specialization, Major, and Specialization take at least one course that focuses on the period before 1800 may be satisfied by taking 1.0 course from History 2401E, 2403E, 2405E, 2407E, 2503F/G, 2607F/G, 2809E, 3301E, 3401E, 3403E, 3423F/G, 3426F/G, 3605E, 4403E, 4405E, 4412E, and 4421E, and Classical Studies 3400E, 3410E, or 3450E. Special Topics courses that satisfy the Pre-1800 Distribution Requirement are listed on the Department website.

A course may simultaneously satisfy both the Geographic Distribution Requirement and the Pre-1800 Distribution Requirement.

BRESICA UNIVERSITY COLLEGE

FOODS AND NUTRITION

Effective **September 1, 2014**, Foods and Nutrition 3450F/G be introduced at Brescia University College.

Foods and Nutrition 3450F/G - Food for Thought

Concerns for human well being demands a philosophical reflection for responsible thought to what we eat/drink, how and why we provide for others and ourselves. Engages students to think and write critically about questions related to food metaphysics, food ethics, food technology, and food politics.

Prerequisite(s): Registration in year 3 or 4 of the BScFN Honors Specialization in Nutrition and Dietetics, Honors Specialization in Food Science and Technology, Specialization in Foods and Nutrition or permission of the Division

3 lecture hours, 0.5 course
(Brescia)

DAP UPDATE: MINOR CHANGES

FACULTY OF ENGINEERING

Effective **September 1, 2014**, remove old antirequisites from the following courses.

Mechanical and Materials Engineering 4429A/B - Nuclear Engineering

Course description: No change.

Antirequisite(s): ~~The former MME 475a, if taken in 2007-08.~~

Prerequisite(s): Completion of third year of the Mechanical Engineering program.

3 lecture hours; 2 laboratory/tutorial hours. 0.5 course.

Civil and Environmental Engineering 3361A/B - Water Resources Management

Course description: No change.

Prerequisite(s): ~~CEE 2219A/B or the former CEE 2218A/B.~~

Corequisite(s): Earth Sciences 3340A/B.

3 lecture hours, 2 tutorial hours, 0.5 course.

Civil and Environmental Engineering 3386A/B - Numerical Modeling for Environmental Engineers

Course description: No change.

Prerequisite(s): CEE 2219A/B or the former CEE 2218A/B.

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

FACULTY OF HEALTH SCIENCES

*Effective **September 1, 2014**, the following courses be revised.*

Health Sciences 2000A/B - Healthology: The Study of Health Sciences Highway to Health

No further changes.

FACULTY OF SOCIAL SCIENCE

*Effective **September 1, 2014**, the following course be revised.*

Anthropology 3307A - Field Methods in Archaeology

This course provides a practical introduction to field methods and preliminary laboratory techniques of archaeology. Practical training will be given at a field camp to be held at an archaeological site near London.

Prerequisite(s): Anthropology 2229F/G and registration in Anthropology module Year 3 or 4. Application required.

0.5 course.

Sessions and hours by arrangement.

Permission must be obtained by application to the Department by ~~May 30th~~ **July 15th** of the academic year prior to when the course is scheduled to be offered. Applications are available in the Department of Anthropology.