The following proposals, received on DAP between February 16-29, 2012, have been approved. For more information on the DAP process, see the Academic Handbook at www.uwo.ca/univse/handbook.

**FACULTY OF ENGINEERING**

*Effective September 1, 2012, update lab component from 3 laboratory hours to 1 hour laboratory and 1 hour tutorial for course CBE 3310A/B.*

**Chemical and Biochemical Engineering 3310A/B – Process Dynamics and Control**
The course covers the dynamic behavior, modeling and control of chemical processes. The principles of feedback control of commonly-encountered systems such as level, flow, temperature, pressure, are described. Theory is introduced to illustrate current practice. Simulations of dynamic behavior of processes will make use of the MATLAB/Simulink programming environment.

**Antirequisite(s):** The former CBE 4410A/B.

**Prerequisite(s):** Applied Mathematics 2411 or 2415, CBE 2291A/B.

3 lecture hours, 2 laboratory hour, 1 tutorial hour, 0.5 course.

*Effective September 1, 2012, update the list of prerequisites by adding the former CBE 2216 course to CBE 4493A/B course prerequisites.*

**Chemical and Biochemical Engineering 4493A/B – Polymer Engineering**
The basics of polymer science and engineering are covered. The theory of macromolecules, macromolecular chemistry and fundamentals of polymerization are discussed. Specific manufacturing processes and polymer types are considered.

**Antirequisite(s):** Chemistry 3320A/B, the former CBE 3392A/B.

**Prerequisite(s):** CBE 2207A/B or Chemistry 2213A/B and 2223B or the former CBE 2216, or GPE 2214A/B.

3 lecture hours, 1 tutorial hour, 0.5 course.

*Effective September 1, 2012, to add MME4470A/B as a half technical elective in the Fourth Year Mechanical Engineering Program (formerly MME 4427A/B Selected Topics in Mechanical Engineering III).*

**Mechanical and Materials Engineering 4470A/B – Medical and Assistive Devices**
Introduction to the design, development and operation of medical and assistive devices that can improve the quality of human life. Topics include: design of assistive, corrective, and diagnostic devices; human factors engineering; biocompatibility of materials; bioelectronics; biosensors; and lab-on-a-chip systems.

**Prerequisite(s):** Completion of the third year of either the Mechanical Engineering or Integrated Engineering program

2 lecture hours, 2 laboratory hours per week 0.5 course.

*Effective September 1, 2012, changes made to clarify requirements and to introduce ES 4500.*

**WE GO GLOBAL CERTIFICATE PROGRAM**

**Requirements**
To complete the WE Go Global Certificate Program successfully, in addition to their BESc degree, students must complete the following:

- 5.0 courses:
  - 1.0 course: Business Administration 2299E*.
  - 0.5 course: ES 4498F/G*.
  - 1.0 course from: CGS 1021F/G, 1022F/G, 1023F/G, Geography 1300A/B, 1400F/G, 1500F/G.
  - 1.0 course: Language course (except English). Must be at university level.

* part of standard engineering curriculum; up to 1.5 credits of the non-technical elective courses listed above are counted as non-technical electives in the BESc degree.
ES 4500 Global Externship for Engineers
A 12-week (minimum) international experience in a specific setting: exchange opportunity, volunteer or paid work experience, or experiential learning in an international setting.
Prerequisite(s): This course is restricted to students in Year 2 or 3 of their Engineering program who are enrolled in the WE Go Global Certificate Program.
(Non-credit course.)

Effective September 1, 2012, replace the former Software Engineering 2251A/B with Mathematics 2151A/B, for all Software Engineering courses, which had this course as a prerequisite or antirequisite.

SOFTWARE ENGINEERING PROGRAM
* The 0.5 science course must be chosen from a course in the Faculty of Science at the 1020-level or higher from the approved list on the engineering website or the approval of the Department Counsellor.

Software Engineering and Management Option:

Software Engineering and Law:
* The 0.5 science course must be chosen from a course in the Faculty of Science at the 1020-level or higher from the approved list on the engineering website or the approval of the Department Counsellor

Software Engineering and Medicine Option:
Second Year Program

Software Engineering 3351A/B – Software Project and Process Management:
Project Management and Software Process life cycles. Includes detailed analysis of components of each process. Metrics, tools and related standards associated with those components. Integration into a complete software plan.
Antirequisite(s): Computer Science 3377A/B.
Prerequisite(s): SE 2203A/B, SE 2250A/B or ECE 2241A/B, Mathematics 2151A/B or Mathematics 2155A, SE 2205A/B or Computer Science 2210A/B.
Corequisite(s): SE 3350Y.
3 lecture hours, one tutorial hour, 0.5 course.

Effective September 1, 2012. Withdrawal of the course Software Engineering 2251A/B from the the Academic Calendar current offerings.

Effective September 1, 2012, the content of ECE 3373A/B be revised to reflect current needs of MME program.

ECE 3373A/B- Electric Circuits and Electromechanics
This course studies of the principles of electrical circuits and components including common electric motors employed in mechanical engineering systems. The course also uses a series of laboratories to introduce the students to common measurement tools used to assess and troubleshoot electrical circuits. The foundations from this course are expanded on in the subsequent course which focuses on electronic components and their application.
Antirequisites: ECE2205A/B, ECE2231A/B, the former ECE235A/B.
**Prerequisites:** ES1036A/B or CS1026A/B or the former CS036A/B, AM2413 or 2415, Physics 1402A/B or the former Physics 1026. 3 lecture hours, 1.5 laboratory hour, 0.5 course.

*Effective September 1, 2012, the content of ECE 3374A/B be revised to reflect current needs of MME program.*

**ECE 3374A/B - Mechatronics**

This course is an introduction to mechatronics from the hardware perspective of electrical engineering. It builds on the knowledge acquired through the previous introduction to electricity course, first through the study of electronic components. Then the course focuses on higher level tasks of the hardware implementation of data acquisition, sensor integration and motor control.

**Prerequisites:** ECE 2238A/B or ECE 3373A/B or registration in the... OPG

**Antirequisites:** ECE 3332A/B, ECE 3333A/B, ECE 3375A/B, ECE 2277A/B

3 lecture hours, 1.5 laboratory hour, 0.5 course.

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**FACULTY OF HEALTH SCIENCES**

**HEALTH STUDIES**

*Effective September 1, 2012 the Honors Specialization in Health Sciences with Biology will be revised to include Calculus 1100A/B.*

**HONORS SPECIALIZATION IN HEALTH SCIENCES WITH BIOLOGY**

**Admission Requirements**
Completion of first-year requirements with no failures. Students must have an average of at least 70% in the following principal courses, with no mark in these principal courses below 60%, including:

- Health Sciences 1001A/B;
- Health Sciences 1002A/B;
- Biology 1001A or 1201A and Biology 1002B or 1202B, or the former Biology 1222 or 1223 or 026;
- Chemistry 1100A/B and 1200B, or the former Chemistry 1050, 1020 or 023;
- Mathematics 1600A/B or the former Linear Algebra 1600A/B, Statistical Sciences 1024A/B. If not completed in first year, the mathematics requirement must be completed by the end of second year.

**Module**

9.0 courses:

- **4.0 courses:** Health Sciences 2250A/B, 2300A/B, 2610F/G, 2700A/B, 2711A/B, 2801A/B, 3400A/B, 3801A/B.
- **1.0 course** from: Health Sciences at the 3000 level or above.
- **0.5 course:** Biochemistry 2280A.
- **2.0 courses** from: Biology 2581B, 2382B, 2483A, 2486A, 2471A/B, 2485B, 2601A/B.
- **0.5 course:** Chemistry 2213A/B.
- **0.5 course** from: Biology 3316A/B, 3332A, 3592A, 3601A/B
- **0.5 course** in Biology at the 2200 level or above, which may include courses listed above not already taken.

*Effective September 1, 2012 Health Sciences 4250A/B (Population Health Interventions) will be introduced in the School of Health Studies.*

**Health Sciences 4250A/B – Population Health Interventions**

This course will investigate the theory, research, and methods of changing psychological, social, and environmental factors known to influence health promotion. The specific focus will be upon health interventions designed to care for populations throughout the lifespan.

Antirequisite(s): Health Sciences 4091A, section 001 if taken in Fall 2011 or Intersession 2012

Prerequisite(s): Health Sciences 2250A/B

3 lecture hours, 0.5 course

*Effective September 1, 2012, Health Sciences 3025A/B (Integrative Health) will be introduced in the School of Health Studies.*
**Health Sciences 3025A/B – Integrative Health**
Integrative Health examines a variety of areas and issues concerning the broad field of integrative health. From an evidence-based perspective, the course explores integrative health domains and assesses the quantitative and qualitative evidence about these various forms of “alternative” health including, but not limited to Oriental medicine, mind-body interventions, manual therapies, and herbal/pharmacological approaches to integrative health and lifestyle decision-making.

Antirequisite(s): Former Health Sciences 4020A/B; Health Sciences 3091A, section 001 if taken in Fall 2011; KIN 3372A, section 002 if taken in Fall 2011
Prerequisite(s): Registration in third or fourth year of the School of Health Studies

3 lecture hours, 0.5 course

*Effective September 1, 2012, Health Sciences 4020A/B (Integrative Health) will be withdrawn from the course offerings of the School of Health Studies.*

**FACULTY OF INFORMATION AND MEDIA STUDIES**

**MIT**

*Effective March 1, 2012, MIT courses previously taught as Special Topics will be introduced as regular course offerings to calendar copy.*

**Media, Information and Technoculture 3207F/G – Children, Advertising & Consumer Culture**
This course provides a critical survey of issues related to children’s advertising, marketing, and consumer culture. The historic rise of children’s marketing, the value advertisers place on children, and contemporary controversial debates will be investigated and located within broad theoretical, cultural, social, and institutional contexts.
Antirequisite(s): MIT 3402F if taken in 2009-10 or 2010-11, MIT 3404F if taken in Intersession in 2010, or MIT 3402G in 2011-12.
3 lecture hours, 0.5 course.

*Effective September 1, 2012, MIT courses previously taught as Special Topics will be introduced as regular course offerings to calendar copy.*

**Media, Information and Technoculture 2308F/G – Police and the Media**
For better or worse the police pervade the media. From Edgar Allen Poe’s seminal detective stories to the so-called “CSI Effect”, the theatricality of televised chases to cop shows as recruiting devices, this course will examine the socio-political, cultural, historical, and technological variables that have transformed the police from a bureaucratic disciplinary institution into a folkloric phenomenon.
Antirequisite(s): MIT 2409G if taken in 2009-10, or MIT 2410F in 2010-11 or 2011-12.
3 lecture hours, 0.5 course.

**Media, Information and Technoculture 2309F/G – Crash Landscape**
Our reliance on private transport has produced a landscape dominated by the automobile: an environment to which we are culturally blind. This course is not a strict history of the car. It is a sustained examination of how a particular technology can become intertwined with a society’s political and economic processes.
Antirequisite(s): MIT 2410G if taken in 2009-10, or MIT 2411G in 2010-11 or MIT 2411F in 2011-12.
3 lecture hours, 0.5 course.

**Media, Information and Technoculture 2511F/G – Objectivity in Media Reporting**
As products and services proliferate in an ever-expanding global economy, the theatre of consumption becomes more complex and more varied. The competition for segments of the consumer market intensifies and this spawns communication strategies and tactics which range from the very creative to, at times, the seemingly questionable. This course will examine some of the issues that arise from such commercial – and non-commercial – activity.
Antirequisite(s): MIT 2871G if taken in 2009-10 or 2010-11 or MIT 2412F in 2011-12.
3 lecture hours, 0.5 course.
Media, Information and Technoculture 2512F/G – Popular Culture: Agency and Structure in a World of Commodities

Popular culture is the dominant commodity in the post-industrial world. This course will explore the way that it is structured and it structures us by looking at the hero’s journey (Star Wars), horror (Carrie, Scream), postmodern comedy (The Simpsons, Harvey Birdman), the post-feminist action heroine (Run Lola Run), and the Situationist struggle against commodity culture (Fight Club, Ghost World) through the lens of three theoretical constellations: structuralism, postmodernism and Marxism.

Antirequisite(s): MIT 2401G if taken in 2009-10, MIT 2402F in 2010-11 or 2011-12.
3 lecture hours, 0.5 course.

Media, Information and Technoculture 3133F/G – Net-Work: Labour and Profit on Facebook, Flickr, YouTube and Web 2.0

This course will explore the impact that User-Generated Content, Social Networks & Immaterial Labour have had on Autonomist Marxist theory. The course will consider the changes taking place in the nature of the labour process, the products being produced by this shift to immaterial work, and the influence that this shift has had on Autonomist Marxism.

Antirequisite(s): MIT 3771F if taken in 2009-10, 2010-11 or 2011-12.
3 lecture hours, 0.5 course.

Media, Information and Technoculture 3208F/G – Women’s Television: History, Gender, Feminism

This course considers the television industry’s address to women viewers, focusing on the multichannel transition and the post-network period. We will consider the roles played by genre, character and content in making “women’s television,” and will pay particular attention to the medium’s ongoing dialogue with feminism.

Antirequisite(s): MIT 3435F if taken in 2010-11 or 2011-12
3 lecture hours, 0.5 course.

Media, Information and Technoculture 3209F/G – Deviant Divas

Deviant Divas: Examining the Monstrous Feminine

In examining fictional and real-life monstrous women—including witches, sex workers, body modifiers, cyborgs, and serial killers—we will consider what monstrous femininity means, how technology and the media contribute to (re)defining female deviance, and what happens when the monstrous figure of the deviant diva becomes the Western cultural norm.

Antirequisite(s): MIT 3433G if taken in 2009-10, 2010-11 or 2011-12.
3 lecture hours, 0.5 course.

Media, Information and Technoculture 3219F/G – Media Convergence

This course examines various forms of media convergence (industrial, regulatory, technological, and cultural) and how interaction between television and digital media can alter sociocultural understandings of mass media industries and technologies. In addition, it examines the evolution of a formerly passive audience into active ‘produsers’ and investigates the democratizing potential of interactive and user-generated media.

Antirequisite(s): MIT 3404F if taken in 2009-10, 2010-11 or 2011-12.
3 lecture hours, 0.5 course.

Media, Information and Technoculture 3372A/B – Design of Digital Cognitive Games

Digital games can have a powerful influence on the human mind. This course deals with the design and analysis of digital games from a cognitive perspective. It examines why design is important—that is, how it can promote shallow thinking, or vice versa support mindful reasoning and higher-order thinking.

Antirequisite(s): MIT 3663B if taken in 2009-10 or 2010-11.
3 lecture hours, 0.5 course.

Media, Information and Technoculture 3829F/G – Writing for Magazines

This course teaches students to write and interpret more complex pieces of journalism from a variety of sources. Students will study different styles of feature writing, from the point of view of both a consumer of news and a journalist. Students will also pitch story ideas and practice turning their ideas into engaging features.

Antirequisite(s): MIT 3870G if taken in 2009-10, 2010-11 or 2011-12.
3 lecture hours, 0.5 course.
Media, Information and Technoculture 3842F/G – Television and Social Movements in the 1960s
This course investigates the complex relations between American television and the political, social and cultural movements of the 1960s. In particular, we will consider television’s representations of the civil rights movement, black power, women’s liberation, gay liberation and the student left. Our texts will be theoretical, historical and televisual.
Antirequisite(s): MIT 3442F if taken in 2010-11 or 2011-12.
3 lecture hours, 0.5 course.
Antirequisite(s): The former Geography 3452A/B
2 lecture hours, 0.5 course.

Effective September 1, 2012, Geography 3452A/B Implementing Sustainability will be deleted from the calendar.

HISTORY

Effective September 1, 2012, to introduce History courses to the permanent calendar.

History 3613F/G: The Koreas since 1945.
This course will investigate developments in North and South Korea since 1945. Topics will include the Korean War; economic development, military dictatorship, and democratisation in South Korea; the consolidation of the Kim family state in North Korea; and the role of the Korean peninsula in international relations in the Asia-Pacific.
Prerequisite(s): 1.0 History course at the 2200 level or above or IR 2701E
2 seminar hours 0.5 course

History 3709F/G: Iberian Empires: Portugal, Spain and their American Colonies in a Global Context, 1400-1810.
This course will examine the history and legacy of Portugal, Spain and their American colonies in a global context. It will focus on the political, economic, social, geographic, scientific and technological factors that contributed to the formation and development of the first European transatlantic empires.
Prerequisite(s): 1.0 History course at the 2200 level or above
3 hours 0.5 course

History 4207E: Canada and the Age of Conflict, 1896-1945.
“Modern” Canada was shaped between 1896 and 1945, decades that witnessed a massive immigration boom, two world wars, and an economic depression. This course will examine such issues as politics, regionalism, culture, gender, sexuality, modernity, class, race, ethnicity, religion, industrialization, urbanization, nationalism, foreign affairs, and age/generation during this period.
Prerequisite(s): 2.0 History courses at the 2200 level or above
3 seminar hours 1.0 course

History 4421E: Medieval Villages, Medieval Worlds.
Welcome to the worlds present in a single medieval village! Students in this methodology research-oriented seminar course will reconstruct a fourteenth century English village and analyze the behaviors of its inhabitants. Questions to be examined include the nature and significance of violence, co-operation, governance and women’s roles.
Prerequisite(s): 2.0 History courses at the 2200 level or above
Antirequisite(s): History 4491E offered in 2009-10, 2011-12
2 seminar hours 1.0 course

POLITICAL SCIENCE

Effective September 1, 2012, Political Science 4411F/G: Threats to Global Democracy, will be introduced in the Faculty of Social Science.

Political Science 4411F/G: Threats to Global Democracy
This course examines threats to democratic regimes. Why do some democracies succeed while others fail? We explore theory and specific countries to address topics include the state of global democracy, the definition and measurement of democracy and the influences of economics, institutions, militaries, society and international actors on democratization.
Antirequisite(s): The former Political Science 3347F/G if taken in 2011-12; Political Science 3390F/G if taken in 2010-11; Political Science 397F/G if taken in 2006-07 and Political Science 392E if taken in 2007-08.
Prerequisite(s): Political Science 2231E or Political Science 2245E or International Relations 2701E.
2 hours, 0.5 course

Effective September 1, 2012, Political Science 3347F/G: Threats to Global Democracy be withdrawn from course offerings at Main Campus.
PSYCHOLOGY

Effective March 1, 2012, Psychology 3840F/G (Test Construction) will be added to the list of prerequisite choices for Psychology 4850E.

Psychology 4850E

Prerequisite(s): Psychology 3800F/G and 0.5 from Psychology 3184F/G, 3185F/G, 3285F/G, 3480F/G, 3485F/G, 3580F/G, 3780F/G, 3840F/G, and registration in fourth year Honors Specialization in Psychology or Developmental Cognitive Neuroscience. Students in fourth year Honors Specialization in Animal Behavior also may enroll in this course.

Effective March 1, 2012, the prerequisites for Psychology 4195F/G, 4390F/G, 4490F/G, 4491F/G, 4590F/G, 4595F/G, 4690F/G, 4790F/G, and 4791F/G will read as follows:

Prerequisite(s): Psychology 2820E, or both of Psychology 2800E and 2810, plus registration in third or fourth year Honors Specialization in Psychology or Honors Specialization in Developmental Cognitive Neuroscience. Other Psychology students and Special Students who receive 75% in the prerequisite courses may enroll in this course.

Effective September 1, 2012, requirements of the Psychology Major module will change to allow Psychology Majors to count a fourth-year Psychology course toward their module requirements.

MAJOR IN PSYCHOLOGY

Module
6.0 courses:
1.0 course normally taken in second year: Psychology 2820E*.
0.5 course in Psychology numbered 2100-2299.
0.5 course in Psychology numbered 2300-2799.
1.0 course in Psychology numbered 2100-2999.
0.5 course in Psychology numbered 3100-3299.
0.5 course in Psychology numbered 3300-3799.
0.5 course (1.0 course) in Psychology numbered 3100-3999.
0.5 course in Psychology numbered 3100-4999, excluding Psychology 4850E and 4851E.

KING’S UNIVERSITY COLLEGE

ENGLISH

Effective September 1, 2012, the antirequisites of English 3335E, 3445E, 3555E, 3665E and 3775E will be revised at King’s University College.

English 3335E - Topics in Restoration and Eighteenth-Century Literature
This course will be broad enough to provide an introduction to this historical period, but narrower in focus than English 3334E. It may concentrate on a shorter historical span, a particular genre, or use some other principle of selection. Consult the Department for offerings.
Antirequisite(s): English 3336F/G.
Prerequisite(s): At least 60% in 1.0 of English 1020E or 1022E or 1024E or 1035E or 1036E or both English 1027F/G and 1028F/G, or permission of the Department.
3 hours, 1.0 course.
(King’s)

English 3445E - Topics in Nineteenth-Century Literature
This course will be broad enough to provide an introduction to this historical period, but narrower in focus than English 3444E. It may concentrate on a shorter historical span, a particular genre, or use some other principle of selection. Consult the Department for offerings.
Antirequisite(s): English 3446F/G.
Prerequisite(s): At least 60% in 1.0 of English 1020E or 1022E or 1024E or 1035E or 1036E or both English 1027F/G and 1028F/G, or permission of the Department.
3 hours, 1.0 course.
(King's)

**English 3555E - Topics in Twentieth-Century British and Irish Literature**
This course will be broad enough to provide an introduction to this historical period, but narrower in focus than English 3554E. It may concentrate on a shorter historical span, a particular genre, or use some other principle of selection. Consult the Department for offerings.
Antirequisite(s): English 3557F/G
Prerequisite(s): At least 60% in 1.0 of English 1020E or 1022E or 1024E or 1035E or 1036E or both English 1027F/G and 1028F/G, or permission of the Department.
3 hours, 1.0 course.
(King's)

**English 3665E - Topics in American Literature**
This course will be broad enough to provide an introduction to this national literature, but narrower in focus than English 3664E. It may concentrate on a shorter historical span, a particular genre, or use some other principle of selection. Consult the Department for offerings.
Antirequisite(s): English 3667F/G
Prerequisite(s): At least 60% in 1.0 of English 1020E or 1022E or 1024E or 1035E or 1036E or both English 1027F/G and 1028F/G, or permission of the Department.
3 hours, 1.0 course.
(King's)

**English 3775E - Topics in Canadian Literature**
This course will be broad enough to provide an introduction to this national literature, but narrower in focus than English 3774E. It may concentrate on a shorter historical span, a particular genre, or use some other principle of selection. Consult the Department for offerings.
Antirequisite(s): English 3777F/G
Prerequisite(s): At least 60% in 1.0 of English 1020E or 1022E or 1024E or 1035E or 1036E or both English 1027F/G and 1028F/G, or permission of the Department.
3 hours, 1.0 course.
(King's)

**HISTORY**

*Effective September 1, 2012, the admission requirements for the History modules at King’s University College be revised to delete the phrase “offered at King’s University College.”*

**HONORS SPECIALIZATION IN HISTORY**
Admission Requirements
Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, including History 1401E or 1403E or 1801E or 1901E, or any other 1000-1999 level history course, plus 2.0 additional courses, with no mark in these principal courses below 60%.

**MAJOR IN HISTORY**
Admission Requirements
Completion of first-year requirements, including History 1401E or 1403E or 1801E or 1901E, or any other history course at the 1000-1999 level, with a mark of at least 60%.

**MINOR IN HISTORY**
Admission Requirements
Completion of first-year requirements, including History 1401E or 1403E or 1801E or 1901E, or any other history course at the 1000-1999 level, with a mark of at least 60%
INFORMATION UPDATE – MINOR CHANGES

FACULTY OF MUSIC

Effective September 1, 2011, the following module will be revised to correct an error that occurred during renumbering.

MAJOR IN POPULAR MUSIC STUDIES
6.0 module

1.5 courses that are from CLC, English, Film and Sociology.
This list of courses remains the same except Comparative Literature 2250F/G - should be 2205F/G.

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