

The following proposals, received on DAP between November 1-15, 2011, 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

CLASSICAL STUDIES

Effective **January 1, 2012** Classical Studies 2907A/B: Special Topics in Classical Studies be introduced by the Faculty of Arts and Humanities on main campus.

Classical Studies 2907A/B: Special Topics in Classical Studies

2 lecture hours, 0.5 course.

Effective **January 1, 2012** Classical Studies 2908A/B and 2909A/B: Special Topics in Classical Studies be introduced by the Faculty of Arts and Humanities on main campus.

Classical Studies 2908A/B - 2909A/B: Special Topics in Classical Studies

2 lecture hours, 0.5 course.

FACULTY OF HEALTH SCIENCES

HEALTH STUDIES

Effective **September 1, 2012** the School of Health Studies will be designated as the administrative unit for the Health Sciences Special Topics courses, HS 3090A/B, HS 3091A/B and HS 3092A/B.

Health Sciences 3090A/B – Special Topics in Health Sciences

Selected topics in the area of Health Sciences. Topics and course descriptions available in the School of Health Studies office.

Prerequisite(s): Registration in the third or fourth year of the School of Health Studies.

3 lecture hours, 0.5 course

Health Sciences 3091A/B – Special Topics in Health Sciences

Selected topics in the area of Health Sciences. Topics and course descriptions available in the School of Health Studies office.

Prerequisite(s): Registration in the third or fourth year of the School of Health Studies.

3 lecture hours, 0.5 course

Health Sciences 3092A/B – Special Topics in Health Sciences

Selected topics in the area of Health Sciences. Topics and course descriptions available in the School of Health Studies office.

Prerequisite(s): Registration in the third or fourth year of the School of Health Studies.

3 lecture hours, 0.5 course

Effective **September 1, 2012** enrollment in the third year of a School of Health Studies module will also be considered a prerequisite for Health Sciences Special Topics courses, HS 4090A/B, HS 4091A/B and HS 4092F/G.

Health Sciences 4090A/B – Special Topics in Health Sciences

Selected topics in the area of Health Sciences. Topics and course descriptions available in the School of Health Studies

Prerequisite(s): Registration in the third or fourth year of the School of Health Studies.

3 lecture hours, 0.5 course

Health Sciences 4091A/B – Special Topics in Health Sciences

Selected topics in the area of Health Sciences. Topics and course descriptions available in the School of Health Studies office.

Prerequisite(s): Registration in the third or fourth year of the School of Health Studies.

3 lecture hours, 0.5 course

Health Sciences 4092F/G – Special Topics in Health Sciences

Selected topics in the area of Health Sciences. Topics and course descriptions available in the **School of Health Studies office.**

Prerequisite(s): Registration in the **third or** fourth year of the **School of Health Studies.**

3 lecture hours, 0.5 course

*Effective **September 1, 2012** Health Sciences 4990F will only be offered in the first term and Health Sciences 4991G will only be offered in the second term.*

Health Sciences **4990F** – Independent Study

Readings and discussion on, or field experience in, selected topics in Health Sciences agreed upon through consultation between the student and the supervising professor. (delete: ~~and subject to procedural guidelines and approval~~)

Prerequisite(s): Enrollment in the fourth year of an Honors Specialization module in the School of Health Studies with a minimum average of 75%; ~~Permission of the School of Health Studies~~

0.5 course.

Health Sciences **4991G** – Independent Study

Readings and discussion on, or field experience in, selected topics in Health Sciences agreed upon through consultation between the student and the supervising professor. (delete: ~~all fourth-year honors bachelor....~~)

Prerequisite(s): Enrollment in the fourth year of an Honors Specialization module in the School of Health Studies with a minimum average of 75%.~~Permission of the School of Health Studies~~

0.5 course.

*Effective **September 1, 2012** the following Health Sciences courses will be withdrawn from the academic calendar:*

Health Sciences 2310A/B – ANATOMY OF THE HEAD & NECK FOR COMMUNICATIVE DISORDERS

Health Sciences 2600F/G – CRITICAL THINKING IN HEALTH SCIENCES

Health Sciences 3020A/B – HEALTH & THE HUMAN SPIRIT

Health Sciences 3035A/B – HUMAN ERGONOMICS

Health Sciences 3620A/B – COMMUNICATION & INTERPERSONAL RELATIONSHIPS

Health Sciences 3710A/B – AGING AND HEALTH

Health Sciences 3810F/G – RESEARCH DESIGN AND METHODOLOGY AT THE COMMUNITY LEVEL

FACULTY OF SCIENCE

CHEMISTRY

*Effective **September 1, 2011**, Chemistry 3384F/G, Kinetics and Transport Processes be withdrawn from the course offerings in the Department of Chemistry.*

*Effective **January 1, 2012**, Chemistry 4404A/B “Radiation and Nuclear Systems Chemistry” be introduced.*

Chemistry 4404A/B – Radiation and Nuclear Systems Chemistry

This course covers the chemical effects produced in a system by absorption of ionizing radiation such as alpha and beta particles and gamma and X-rays. Interaction of radiation with matter leading to formation of ions and radicals is described at an introductory level.

Nuclear reactors,

accelerators, medical radioisotopes and other applications of nuclear technologies are also covered.

Prerequisite(s): Chemistry 3374A/B or the former Chemistry 3384F/G

Antirequisite(s): Chemistry 4400A/B prior to September 2012 Pre-or Corequisite(s):

3 lecture hours, 0.5 Course.

*Effective **March 1, 2012**, the name of Chemistry 4444A/B be changed from “Computer Simulations in Chemistry” to “Statistical Mechanics and Molecular Simulations”. In addition a number of housekeeping changes including removing the antirequisite and small change to the Prerequisite to recognize other DAPS.*

Chemistry 4444A/B – Statistical Mechanics and Molecular Simulations

Computer simulations using methods based on the theory of statistical mechanics allow computations of physical properties of any state of matter and study of chemical transformations. In the course, applications of Molecular Dynamics and Monte Carlo techniques will be discussed as well as the underlying theory of Statistical Mechanics.

Prerequisite(s): Chemistry 3374A/B or the former Chemistry 3384F/G, or 3384F/G, or the former Chemistry 354a/b.

3 lecture hours, 0.5 Course.

Effective **March 1, 2012**, the math prerequisites for Chemistry 2374A be changed to account for new math courses.

Chemistry 2374A - Thermodynamics

An introduction to classical thermodynamics. Topics to be covered include: Zeroth law of thermodynamics, first law of thermodynamics, enthalpy, entropy, second and third law of thermodynamics, Helmholtz and Gibbs energies, chemical potential, non-ideal gases, phase diagrams, ideal and real solutions, properties of ionizing solvents, electrolyte solutions, electrochemical cells.

Antirequisite(s): Chemistry 2214A/B, the former Chemistry 2284B.

Prerequisite(s): Chemistry 1200B with a minimum average mark of 60% in Chemistry 1100A/B and 1200B, or the former Chemistry 1050 with a minimum 60%; Calculus 1000A/B, Calculus 1100A/B, or 1500A/B and 0.5 course from Applied Mathematics 1201A/B or the former Calculus 1201A/B, Calculus 1301A/B, 1501A/B, Mathematics 1600A/B or the former Linear Algebra 1600A/B, Mathematics 1225A/B, Mathematics 1229A/B - with a minimum average of 60% in the two. or [Applied Mathematics 1413](#); or [Mathematics 1225A/B](#) plus [1229A/B](#) (with an average mark in the two of at least 80%); or [Mathematics 1225A/B](#) plus [Applied Mathematics 1201A/B](#) or the former Calculus 1201A/B (with an average mark in the two of at least 80%); or the former Mathematics 030 with a mark of at least 80%.

0.5 courses.

3 lecture hours, 0.5 course.

COMPUTER SCIENCE

Effective **September 1, 2012**, the Department of Computer Science add Calculus 1500A/B as an acceptable prerequisite for Computer Science 2209A/B, 2210A/B and 3320A/B.

Computer Science 2209A/B - Applied Logic for Computer Science

Propositional and predicate logic; representing static and dynamic properties of real-world systems; logic as a tool for representation, reasoning and calculation; logic and programming.

Prerequisite(s): Computer Science 1027A/B, 1037A/B, or Computer Science 2101A/B, in each case with at least 65%, and one full course or equivalent chosen from the following, with at least 60% in each: Applied Mathematics 1201A/B or the former Calculus 1201A/B, Applied Mathematics 1413, Calculus 1000A/B, 1100A/B, 1301A/B, **1500A/B**, 1501A/B, Mathematics 1600A/B or the former Linear Algebra 1600A/B, or permission of the Department.

4 lecture hours, 0.5 course.

Computer Science 2210A/B - Data Structures and Algorithms

Lists, stacks, queues, priority queues, trees, graphs, and their associated algorithms; file structures; sorting, searching, and hashing techniques; time and space complexity.

Antirequisite(s): Software Engineering 2205A/B, the former Software Engineering 202a/b.

Prerequisite(s): Computer Science 1027A/B or 2101A/B with at least 65% or Computer Science 1037A/B with at least 60%, and 1.0 course chosen from the following, with at least 60% in each: Applied Mathematics 1201A/B or the former Calculus 1201A/B, Applied Mathematics 1413, Calculus 1000A/B, 1100A/B, 1301A/B, **1500A/B**, 1501A/B, Mathematics 1600A/B or the former Linear Algebra 1600A/B.

3 lecture hours, 0.5 course.

Computer Science 3320A/B – Numerical Computing I

Numerical representations and their impact on numerical computing; error analysis. Numerical algorithms; reliability and portability of mathematical software; review of existing packages.

Prerequisite(s): Computer Science 2212A/B/Y; Calculus 1000A/B, 1100A/B or **1500A/B**; 0.5 course from: Applied Mathematics 1201A/B or the former Calculus 1201A/B, Calculus 1301A/B, 1501A/B, Mathematics 1600A/B or the former Linear Algebra 1600A/B.

3 lecture hours, 0.5 course.

Effective September 1, 2012, the Department of Computer Science add Calculus 1500A/B to the list of Admission Requirements for the Honors Specialization in Bioinformatics (Biochemistry Concentration), Honors Specialization in Bioinformatics (Computer Science Concentration), Honors Specialization in Computer Science, Honors Specialization in Information Systems, Major in Computer Science, Specialization in Computer Science, Minor in Computer Science, and Minor in Computer Algebra, plus the Principal Courses in Year One of the Combined Honors BSc Computer Science/Juris Doctor (JD) Program

HONORS SPECIALIZATION IN BIOINFORMATICS (BIOCHEMISTRY CONCENTRATION)

Admission Requirements

Completion of first-year requirements with no failures. Students must have an average of at least 70% in 4.0 principal courses, with no mark in these principal courses below 60%, including:

Biology 1001A and 1002B, or the former Biology 1222 or 1223; Chemistry 1100A/B and 1200B, or the former Chemistry 1020, 1050, or 023; Computer Science 1025A/B or 1026A/B or Engineering Science 1036A/B or the former Computer Science 036a/b; Computer Science 1027A/B or 1037A/B, in either case with a mark of at least 65%;

1.0 course from: Applied Mathematics 1201A/B, Applied Mathematics 1413, Calculus 1000A/B, 1100A/B, 1301A/B, 1500A/B, 1501A/B, Mathematics 1600A/B, the former Linear Algebra 1600A/B, or the former Calculus 1201A/B.

HONORS SPECIALIZATION IN BIOINFORMATICS (COMPUTER SCIENCE CONCENTRATION)

Admission Requirements

Completion of first-year requirements with no failures. Students must have an average of at least 70% in 4.0 principal courses, with no mark in these principal courses below 60%, including:

Biology 1001A and 1002B, or the former Biology 1222 or 1223; Chemistry 1100A/B and 1200B, or the former Chemistry 1020, 1050, or 023; Computer Science 1025A/B or 1026A/B or Engineering Science 1036A/B or the former Computer Science 036a/b; Computer Science 1027A/B or 1037A/B, in either case with a mark of at least 65%;

1.0 course from: Applied Mathematics 1201A/B, Applied Mathematics 1413, Calculus 1000A/B, 1100A/B, 1301A/B, 1500A/B, 1501A/B, Mathematics 1600A/B, the former Linear Algebra 1600A/B, or the former Calculus 1201A/B.

HONORS SPECIALIZATION IN COMPUTER SCIENCE

Admission Requirements

Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, with no mark in these principal courses below 60%, including:

Computer Science 1025A/B or 1026A/B or Engineering Science 1036A/B or the former Computer Science 036a/b; Computer Science 1027A/B or 1037A/B (in either case with a mark of at least 65%);

1.0 course from: Applied Mathematics 1201A/B or the former Calculus 1201A/B, Applied Mathematics 1413, Calculus 1000A/B, 1100A/B, 1301A/B, 1500A/B, 1501A/B, Mathematics 1600A/B or the former Linear Algebra 1600A/B.

HONORS SPECIALIZATION IN INFORMATION SYSTEMS

Admission Requirements

Completion of first-year requirements with no failures. Students must have an average of at least 70% in 3.0 principal courses, with no mark in these principal courses below 60%, including:

Computer Science 1025A/B or 1026A/B or Engineering Science 1036A/B or the former Computer Science 036a/b; Computer Science 1027A/B or 1037A/B (in either case with a mark of at least 65%)

1.0 course from: Applied Mathematics 1201A/B or the former Calculus 1201A/B, Applied Mathematics 1413, Calculus 1000A/B, 1100A/B, 1301A/B, 1500A/B, 1501A/B, Mathematics 1600A/B or the former Linear Algebra 1600A/B.

MAJOR IN COMPUTER SCIENCE

Admission Requirements

Completion of first-year requirements, including the following courses with a mark of at least 60%:

Computer Science 1025A/B or 1026A/B or Engineering Science 1036A/B or the former Computer Science 036a/b; Computer Science 1027A/B or 1037A/B (in either case with a mark of at least 65%);

1.0 course from: Applied Mathematics 1201A/B or the former Calculus 1201A/B, Applied Mathematics 1413, Calculus 1000A/B, 1100A/B, 1301A/B, 1500A/B, 1501A/B, Mathematics 1600A/B or the former Linear Algebra 1600A/B.

SPECIALIZATION IN COMPUTER SCIENCE**Admission Requirements**

Completion of first-year requirements, including the following courses with a mark of at least 60%:
 Computer Science 1025A/B or 1026A/B or Engineering Science 1036A/B or the former Computer Science 036a/b; Computer Science 1027A/B or 1037A/B (in either case with a mark of at least 65%);
 1.0 course from: Applied Mathematics 1201A/B or the former Calculus 1201A/B, Applied Mathematics 1413, Calculus 1000A/B, 1100A/B, 1301A/B, 1500A/B, 1501A/B, Mathematics 1600A/B or the former Linear Algebra 1600A/B.

MINOR IN COMPUTER SCIENCE**Admission Requirements**

Completion of first-year requirements, including the following courses with a mark of at least 60%:
 Computer Science 1025A/B or 1026A/B or Engineering Science 1036A/B or the former Computer Science 036a/b; Computer Science 1027A/B or 1037A/B (in either case with a mark of at least 65%);
 1.0 course from: Applied Mathematics 1201A/B or the former Calculus 1201A/B, Applied Mathematics 1413, Calculus 1000A/B, 1100A/B, 1301A/B, 1500A/B, 1501A/B, Mathematics 1600A/B or the former Linear Algebra 1600A/B.

MINOR IN COMPUTER ALGEBRA**Admission Requirements**

Completion of first-year requirements, including Mathematics 1600A/B or the former Linear Algebra 1600A/B, (Calculus 1000A/B, 1100A/B or 1500A/B), and (Calculus 1301A/B or 1501A/B), in each case with a mark of at least 60%, plus registration in the Honors Specialization in Computer Science.

COMBINED HONORS BSC COMPUTER SCIENCE/JURIS DOCTOR (JD) PROGRAM**Year One**

Principal Courses:

1.0 course: Computer Science 1025A/B or 1026A/B, and Computer Science 1027A/B or 1037A/B.

1.0 course from: Applied Mathematics 1201A/B, 1413; Calculus 1000A/B, 1100A/B, 1301A/B, 1500A/B, 1501A/B; Mathematics 1600A/B or the former Calculus 1201A/B; the former Linear Algebra 1600A/B; the former Mathematics 030.

1.0 course from Breadth Requirement Category A or B.

FACULTY OF SOCIAL SCIENCE**ANTHROPOLOGY**

Effective September 1, 2012 Anthropology 2246F/G Anthropology of Reading and Writing will be introduced

Anthropology 2246 F/G – Anthropology of Reading and Writing

This course examines reading and writing from an anthropological perspective. It looks at how writing originated based on archeological evidence and at the sociocultural consequences of this invention. Then it explores various writing systems around the world as well as the effects of the introduction of literacy in societies.

Prerequisite: one of Anthropology 1020E, Anthropology 1027A/B, Linguistics 2288A/B or permission from the instructor.

3 lecture hours, 0.5 course.

Effective September 1, 2012 Anthropology 2250F/G Verbal Art, Performance and Speech Play will be introduced

Anthropology 2250F/G – Verbal Art, Performance and Speech Play

This course examines the artful and playful use of spoken language in relation to social organization and cultural practices. Topics include: structures and patterns in speech play, participation of the audience in the performance, evaluation of competence, issues of authenticity and identity, and the tension between tradition and innovation.

Prerequisite: one of Anthropology 1020E, Anthropology 1027A/B, Linguistics 2288A/B or permission from the instructor.

3 lecture hours, 0.5 course.

HISTORY

Effective **September 1, 2012**, to add History 1810E: Wars that Changed the World, to the list of courses which provide entry to the History modules.

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 1.0 course from History 1201E, 1401E, 1403E, 1601E, 1701E, 1801E, 1803E, or 1805E or 1810E and 2.0 additional courses, with no mark in these principal courses below 60%.

MAJOR IN HISTORY**Admission Requirements**

Completion of first-year requirements, including 1.0 course from: History 1201E, 1401E, 1403E, 1601E, 1701E, 1801E, 1803E, or 1805E or 1810E with a minimum mark of 60%.

SPECIALIZATION IN HISTORY**Admission Requirements**

Completion of first-year requirements, including 1.0 course from: History 1201E, 1401E, 1403E, 1601E, 1701E, 1801E, 1803E, or 1805E or 1810E with a minimum mark of 60%.

MINOR IN HISTORY**Admission Requirements**

Completion of first-year requirements, including 1.0 course from: History 1201E, 1401E, 1403E, 1601E, 1701E, 1801E, 1803E, or 1805E or 1810E with a minimum mark of 60%.

BRESCIA UNIVERSITY COLLEGE**SOCIOLOGY**

Effective **March 1, 2012**, the current prerequisite statements for Sociology 3335A/B be changed from "Sociology 2215A/B or permission of the instructor." to "Registration in Year 3 or Year 4 of a Community Development, Leadership or Sociology Module, or permission of the Instructor."

Sociology 3335A/B Community Leadership

This seminar course critically examines the meaning of community leadership. Topics to be considered include: the history and changing nature of leadership; the role of ideology, power and privilege in shaping leadership; exploring one's own potential for leadership; and leadership for social change

Prerequisite(s): Registration in Year 3 or Year 4 of a Community Development, Dimensions of Leadership or Sociology Module, or permission of the Instructor.

3 hours, 0.5 course.

(Brescia)

Effective **March 1, 2012**, the current prerequisite statements for Sociology 3331F/G be changed from "Sociology 3330F/G and enrolment in the Community Development program, or permission of the instructor," to "Sociology 3330F/G and enrolment the Honor's specialization, major, or certificate in Community Development, or permission of the instructor."

Sociology 3331F/G Community Development: Practice

Exploring the practice of community development, students will cultivate their skills in problem diagnosis, problem solving and community-building initiatives via the analysis of case studies on topics such as literacy and education, health care, seniors, youth, global development, policing and justice, and building of community cultures.

Prerequisite(s): Sociology 3330F/G and enrollment in the Honor's specialization, major, or certificate in Community Development, or permission of the instructor.

3 seminar hours, 0.5 course.

(Brescia)

Effective **March 1, 2012**, the current extra information statement for Sociology 3334A/B be changed from “One-half day (5 hours) per week, 0.5 course.” to “7 hours per week, 0.5 course.”

Sociology 3334A/B Community Development: Community Practicum

Under the supervision of a community practitioner, students will apply their academic knowledge to real world settings with placements in the community.

Prerequisite(s): Sociology 2215A/B and enrolment in the Community Development program, or permission of the instructor.

7 hours per week, 0.5 course.

(Brescia)

HURON UNIVERSITY COLLEGE

Effective **January 1, 2012**, Centre for Global Studies 3203F/G, Global Studies Participatory Project, be introduced at Huron University College

CGS 3203F/G Global Studies Participatory Project

Students will participate for at least one month with community-based or non-governmental organisations on projects pertaining to problems concerning Global Studies, emphasizing the cultivation of critical and practical insights into these problems. Students will engage in pre-departure preparation and post-return critical reflection, completing major academic assignments at both stages.

Prerequisite(s): permission of the Centre for Global Studies
0.5 course (Huron)

Effective **March 1, 2012**, Centre for Global Studies 3204E, Global Studies Participatory Project, and Centre for Global Studies 3205E, Global Studies Internship, be introduced at Huron University College

CGS 3204E Global Studies Participatory Project

Students will participate for at least three months with community-based or non-governmental organisations on projects pertaining to problems concerning Global Studies, emphasizing the cultivation of critical and practical insights into these problems. Students will engage in pre-departure preparation and post-return critical reflection, completing major academic assignments at both stages.

Prerequisite(s): permission of the Centre for Global Studies
1.0 course (Huron)

CGS 3205E Global Studies Internship

Students will be placed for at least three months on projects with governmental organisations, non-governmental organizations, or professional individuals, developing skills and knowledge pertaining to problems at issue in Global Studies. Students will engage in pre-departure preparation and post-return critical reflection, completing major academic assignments at both stages.

Prerequisite(s): permission of the Centre for Global Studies
1.0 course (Huron)

REGISTRAR'S UPDATE

**FACULTY OF SCIENCE and SCHULICH SCHOOL OF MEDICINE & DENTISTRY
MEDICAL BIOPHYSICS**

Effective **September 1, 2012:**

FOUR YEAR BSc or BMSc HONORS

Students completing **either** an Honors Specialization in Medical Biophysics (Medical Science Concentration) **or Medical Biophysics (Clinical Physics Concentration)** will graduate with a BMSc (Honors) degree. Students completing an Honors Specialization in Medical Biophysics (Physical Science Concentration) will graduate with a BSc (Honors) degree.

MAJOR IN MEDICAL BIOPHYSICS

Add the following course to the note: * Students having completed the former.....; Biology 2244A/B, **Statistical Sciences 2244A/B**, Chemistry 2214A/B,

FACULTY OF SCIENCE

Effective **September 1, 2012**, to add the following note to the list of courses below (replace with this if similar note exists):

Typically offered in alternate years only.

Astronomy 2232F/G

Astronomy 4101A/B

Astronomy 4602A/B

Physics 3380A/B

Physics 3809A/B

Physics 4810A/B

Physics 4850A/B