 EXHIBIT II

REPORT OF THE SENATE COMMITTEE ON ACADEMIC POLICY AND AWARDS

(SCAPA)

BESc/MD Combined Degree Program (Civil Engineering and Medicine)

Option F (Civil Engineering and International Development) in the BESc in Civil Engineering

BESc/MD Combined Degree Program (Integrated Engineering and Medicine)

BESc/Law Combined Degree Program (Integrated Engineering and Law)

BESc/Law Combined Degree Program (Software Engineering and Law)

Admission Requirements: Revision to Mathematics Requirement

Policy on Course Outlines

New Scholarships and Awards

FOR APPROVAL

1. **Faculty of Engineering: BESc/MD Combined Degree Program (Civil Engineering); Option F (Civil Engineering and International Development) in the BESc in Civil Engineering; BESc/MD Combined Degree Program (Integrated Engineering); BESc/LLB Combined Degree Program (Integrated Engineering); BESc/LLB Combined Degree Program (Software Engineering)**

1a BESc/MD Combined Degree Program (Civil Engineering)

Recommended: That effective September 1, 2007, a limited-enrolment concurrent degree program, leading to a BESc in Civil Engineering and an MD degree from the Schulich School of Medicine & Dentistry, be introduced.

NEW CALENDAR COPY
(to follow Option D on pg. 83 of the 2006 academic calendar)

E. Civil Engineering and Medicine Option

Admission
Before entering the concurrent BESc/MD degree program, students must have completed the first three years of the Civil Engineering program at Western, Option E (Civil Engineering and Medicine). In addition to applying for the concurrent degree program through the Office of the Associate Dean - Academic of the Faculty of Engineering, students must make a separate application for admission into the MD program. As part of the application process, students must write a letter to the Schulich School of Medicine & Dentistry (Admission Office) indicating their intent to proceed into the concurrent BESc/MD program.

Admission Criteria
To be eligible for the concurrent degree program, students must have completed all requirements of the first-year curriculum in the Faculty of Engineering with a minimum year-weighted average (YWA) of 80%, and the second- and third-year programs of Option E (Civil Engineering and Medicine) in the Department of Civil and Environmental Engineering with a minimum year-weighted average (YWA) of 80% in each year. In addition, applicants must meet the minimum performance standards in the MCAT and GPA as determined by the Schulich School of Medicine & Dentistry, and must be invited to and attend a personal interview with the Schulich School of Medicine & Dentistry. A confidential assessment form, proficiency in English, and Basic Life Support Training are required.

Entrance into the concurrent degree program is competitive and limited.

Admission Procedures
Students interested in the concurrent BESc/MD program will apply during the February registration period of the first common year of the Engineering program for admission to the Civil Engineering program, Option E (Civil Engineering and Medicine). Students must write the MCAT before the third year of the Civil Engineering and Medicine program, for the following year's admission into the MD program, and must apply to the MD program during the third year of the Civil Engineering and Medicine program, by the deadline established (usually October) by the Ontario Medical School Application Service (OMSAS).

Admission to the BESc portion of the program does not guarantee admission to the MD program.

Progression Requirements
Students enrolled in the concurrent BESc/MD degree program must satisfy the following progression requirements:
Year 2: a minimum YWA of 80% in courses taken as a part of Option E (Civil Engineering and Medicine)
Year 3: a minimum YWA of 80% in courses taken as a part of Option E (Civil Engineering and Medicine)
Year 4: progression requirements of the MD Program
Year 5: progression requirements of the MD Program
Year 6: progression requirements of the MD Program
Year 7: progression requirements of the MD Program and successful completion of Engineering courses.

A student who fails to satisfy the conditions above will be required to withdraw from the concurrent program and will be required to transfer out of Option E into one of Options A, B or F in the Civil Engineering program.

Concurrent Degree Program

First-Year Program
Common first year of Engineering.

Second-Year Program
Applied Math 277, Business Administration 299, CEE 202a/b, CEE 217a/b, CEE 218a/b, CEE 220a/b, CEE 221a/b, CEE 224, Earth Sciences 281b, ES 211F/G, Statistical Sciences 241a/b.
Note: CEE 324a (Surveying) is available each summer (10 days) and must be completed before a student may graduate from the Civil Engineering program.

Third-Year Program
Regular Year 3 of Option A, B or F in the Civil Engineering program, ES 498F/G.

Fourth-Year Program
Regular Year 1 of the MD program.

Fifth-Year Program
Regular Year 2 of the MD program.

Sixth-Year Program
Regular Year 3 of the MD program.

Seventh-Year Program
Regular Year 4 of the MD program less the Advanced Communication Skills course.
CEE 441 (will count as an "elective" credit in the fourth year of the MD Program).

Background:

The Faculty of Engineering, along with the Schulich School of Medicine & Dentistry, currently offer accelerated combined degree programs, leading to a Bachelor of Engineering Science degree and an MD degree, for students enrolled in the Department of Mechanical and Materials Engineering, the Department of Chemical and Biochemical Engineering, and the Department of Electrical and Computer Engineering. Admission into the program is very competitive and enrolment is limited. Students wanting to enroll in the combined program must maintain a minimum "A" average in the first two years of the Engineering program, attain an acceptable MCAT score, and undergo a competitive interview process with the Schulich School of Medicine & Dentistry. These highly competitive programs have been very successful in attracting to both Faculties exceptional, high-achieving undergraduate students who are interested in a technology-oriented academic education with medical practice.

The proposal is to extend this opportunity to students enrolled in the Department of Civil and Environmental Engineering. Exceptional students interested in the built environment and public health will be given the opportunity to pursue an education in a basic Civil Engineering curriculum combined with an education in Medicine. The program will require seven years of academic study, rather than the normal eight years if the student chose to complete the two degrees separately.

1b Option F (Civil Engineering and International Development) in the BESc in Civil Engineering

Recommended: That effective September 1, 2007, a limited-enrolment option leading to a BESc degree be introduced as Option F: Civil Engineering and International Development, in the Department of Civil and Environmental Engineering, Faculty of Engineering.

NEW CALENDAR COPY
(to follow Option E on pg. 83 of the 2006 academic calendar)

F. Civil and International Development Option

Admission Requirements
Students entering the Civil and International Development Option must have completed the common first-year curriculum of Engineering with a minimum year-weighted average (YWA) of 75%.

Second-Year Program
Applied Mathematics 277, CEE 202a/b, CEE 217a/b, CEE 218a/b, CEE 220a/b, CEE 221a/b, CEE 224, Earth Sciences 281b, ES 211F/G, Statistical Sciences 241a/b*.
*Note: A student may, with the permission of the department counselor, substitute Statistical Sciences 243a/b for Statistical Sciences 241a/b.

Note: CEE 324a/b (Surveying) is available each summer (10 days) and must be completed between second and third years if a student plans on registering for ES 390 (Summer Community Development Placement).

Third-Year Program
CBE 363a/b, CEE 326, CEE 340a/b, CEE 347a/b, CEE 348a/b, CEE 355a/b, CEE 361a/b, CEE 362a/b, CEE 369a/b, ICS 201F/G, ICS 202F/G.

Fourth-Year Program
Business Administration 299, CEE 426a/b, CEE 441, CEE 465a/b, CEE 478a/b, ES 498F/G, Geography 280a/b, 1.5 technical electives.

Technical electives: International Development Option
CEE 405a/b, CEE 440, CEE 458a/b, CEE 461a/b, Earth Sciences 440a/b, Geography 209a/b, MME 491a/b.

It is recommended that students take a foreign language course. It is recommended also that students register for ES 390 (Summer Community Development Placement) between their third and fourth years, although this is not a mandatory component of the program.

Background:

The traditional role of the civil engineer is to design, plan and construct the built environment for the well-being and progress of society. However, there is an increasing need for the civil engineer to play a further role in poverty reduction and sustainable development, both in Canada and abroad. This challenge and opportunity requires civil engineers with different skill sets and knowledge beyond the familiar civil engineering sub-disciplines. This option has been designed to fulfill this demand by introducing the learner to the complex societal, environmental, political and economic issues impacting engineering activities in the developing world. On completion of the degree, graduates will have the ability to cope with broad-ranging international challenges, from poverty to climate change to human security.

Upon completion of the first-year program in Engineering, students must be admitted into Option F (Civil Engineering and International Development) in the BESc degree in Civil Engineering program. Candidates in this option will be exposed to important issues in water resources, business organization and economics, international development and aid, and mitigation of the effects of natural disasters. They will be encouraged to complete a summer placement in an ‘at-need’ community in Canada or in a developing country. The international flavour of the degree will provide individuals with outstanding problem-solving, business and language skills, and an excellent grasp of global issues, making them highly sought after by multi-national companies.

As part of this proposal, the following new courses have been submitted to DAP for approval, contingent on approval of this new Option, effective September 1, 2007:

CEE 361a/b: Water Resources Systems Management
Use of systems approach in water resources management. Course topics include: water resources management practice; general systems theory; simulation; optimization; and multi-objective analysis. Exposure to and use of computer-based simulation and optimization tools in solving water resources management problems.
Prerequisite(s): Completion of the second year of the Engineering program.
3 lecture hours, 2 tutorial hours, 0.5 course.

CEE 362a/b: Drinking Water Quality and Treatment
In the course students will be taught the basic principles of water quality and treatment with particular focus on developing communities. Specific topics will include drinking water quality guidelines and legislation, identifying drinking water sources with adequate quality and quantity, drinking water treatment technologies and water distribution systems in developing communities.
Prerequisite(s): Completion of the second year of the Engineering program.
3 lecture hours, 3 tutorial hours, 0.5 course.

ES 390: Summer Community Development Placement
This course will provide engineering undergraduate students with a meaningful placement providing practical professional learning experience in Canada or abroad. Students will be supervised by a practicing engineer and/or suitable aid agency personnel and are required to submit performance evaluations and to write a final report on the work performed. Recognition of this work experience will be indicated by a transcript notation on the student's academic record.
Prerequisite(s): Completion of second year of Civil Engineering Option F.
Non-credit course.

1c BESc/MD Combined Degree Program (Integrated Engineering)

Recommended: That effective September 1, 2007, a limited-enrolment concurrent degree program, leading to a BESc in Integrated Engineering and an MD degree from the Schulich School of Medicine & Dentistry, be introduced.

NEW CALENDAR COPY
(to follow Option B on p. 79 of the 2006 academic calendar)

C. Integrated Engineering and Medicine Option

Admission
Before entering the concurrent BESc/MD degree program, students must have completed the first three years of the Integrated Engineering program at Western, Option C (Integrated Engineering and Medicine). In addition to applying for the concurrent degree program through the Office of the Associate Dean - Academic of the Faculty of Engineering, students must make a separate application for admission into the MD program. As part of the application process, students must write a letter to the Schulich School of Medicine & Dentistry (Admission Office) indicating their intent to proceed into the concurrent BESc/MD program.

Admission Criteria
To be eligible for the concurrent degree program, students must have completed all requirements of the first-year curriculum in the Faculty of Engineering with a minimum year-weighted average (YWA) of 80%, and the second- and third-year programs of Option C (Integrated Engineering and Medicine) in the Integrated Engineering program with a minimum year-weighted average (YWA) of 80% in each year. In addition, applicants must meet the minimum performance standards in the MCAT and GPA as determined by the Schulich School of Medicine & Dentistry, and must be invited to and attend a personal interview with the Schulich School of Medicine & Dentistry. A confidential assessment form, proficiency in English, and Basic Life Support Training are required.

Entrance into the concurrent degree program is competitive and limited.

Admission Procedures
Students interested in the concurrent BESc/MD program will apply during the February registration period of the first common year of the Engineering program for admission to the Integrated Engineering program, Option C (Integrated Engineering and Medicine). Students must write the MCAT before the third year of the Integrated Engineering and Medicine program for the following year's admission into the MD program, and must apply to the MD program during the third year of the Integrated Engineering and Medicine program, by the deadline established (usually October) by the Ontario Medical School Application Service (OMSAS).

Admission to the BESc portion of the program does not guarantee admission to the MD program.

Progression Requirements
Students enrolled in the concurrent BESc/MD degree program must satisfy the following progression requirements:
Year 2: a minimum YWA of 80% in courses taken as a part of Option C (Integrated Engineering and Medicine)
Year 3: a minimum YWA of 80% in courses taken as a part of Option C (Integrated Engineering and Medicine)
Year 4: progression requirements of the MD Program
Year 5: progression requirements of the MD Program
Year 6: progression requirements of the MD Program
Year 7: progression requirements of the MD Program and successful completion of engineering courses.

A student who fails to satisfy the conditions above will be required to withdraw from the concurrent program and will be required to transfer out of Option C into Option A of the Integrated Engineering Program.

Concurrent Degree Program

First-Year Program
Common first year of Engineering.

Second-Year Program
Applied Math 276, CBE 221a/b, CBE 291a/b, CEE 202a/b, CEE 217a/b, ECE 238a/b, ECE 239a/b, ES 211F/G, MME 204a/b, MME 259a/b, MME 299a/b.

Third-Year Program
Business 299, CBE 290a/b, CBE 322a/b, CEE 220a/b, ECE 339a/b, ECE 374a/b, ES 300y, ES 498F/G, MME 213a/b, MME 399, Statistical Sciences 243a/b.

Fourth-Year Program
Regular Year 1 of the MD program.

Fifth-Year Program
Regular Year 2 of the MD program.

Sixth-Year Program
Regular Year 3 of the MD program.

Seventh-Year Program
Regular Year 4 of the MD program less the Advanced Communication Skills course.
One of: CBE 499, ECE 416 or MME 419 (will count as an "elective" credit in the fourth year of the MD Program).

Background:

The Faculty of Engineering, along with the Schulich School of Medicine & Dentistry, currently offer accelerated combined degree programs, leading toward a Bachelor of Engineering Science degree and an MD degree, for students enrolled in the Departments of Mechanical and Materials Engineering, Chemical and Biochemical Engineering, and Electrical and Computer Engineering. Admission into the program is very competitive and enrolment is limited. Students wanting to enroll in the combined program must maintain a minimum "A" average in the first two years of the Engineering program, attain an acceptable MCAT score, and undergo a competitive interview process with the School of Medicine & Dentistry. These highly competitive programs have been very successful in attracting to both Faculties exceptional, high-achieving undergraduate students who are interested in a technology-oriented academic education with medical practice.

The proposal is to extend this opportunity to students enrolled in the Integrated Engineering program. Exceptional students interested in a broad-based Engineering background along with the Medicine program will be interested in this program. The Integrated Engineering background will provide those students with a basic knowledge of Chemical, Civil, Electrical and Mechanical Engineering concepts, preparing them for many technical options within the Medicine field. The program will require seven years of academic study, rather than the normal eight years if the student chose to complete the two degrees separately.

1d BESc/Law Combined Degree Program (Integrated Engineering)

Recommended: That effective September 1, 2007, a limited-enrolment concurrent degree program, leading to a BESc in Integrated Engineering and an LLB degree from the Faculty of Law, be introduced.

NEW CALENDAR COPY
(to follow Options B and C on p. 79 of the 2006 academic calendar)

D. Integrated Engineering and Law

Admission
Before entering the concurrent BESc/LLB degree program, students must have completed the first two years of the Integrated Engineering program at Western (or equivalent). In addition to applying for the concurrent degree program through the Office of the Associate Dean - Academic of the Faculty of Engineering, students must make a separate application to the Faculty of Law for admission into the LLB program. In the application to the Law School, the applicant must indicate that he or she is applying to the concurrent BESc/LLB program.

Admission Criteria
To be eligible for the concurrent degree program, students must have completed all requirements of the first-year curriculum in the Faculty of Engineering, and the second-year program, Option D in the Integrated Engineering program, with either a **minimum cumulative weighted average (CWA) of 80% or standing in the top 10% of the class.** In addition, applicants must meet the special criteria established by the Law Faculty for admission to the concurrent program. Entrance into the concurrent degree program is competitive and limited.

Admission Procedures
Students interested in the concurrent BESc/LLB program normally will apply during their second year in the Faculty of Engineering. Application must be made in writing to the Office of the Associate Dean – Academic of the Faculty of Engineering. Students also must apply to the Faculty of Law by the published deadline, normally May 1. It is the student's responsibility to ensure that the separate application is submitted to the Faculty of Law. For information on the Law School application process, please contact the Law School Student Services Office (661-2111 ext. 88401) Email: lerichar@uo.ca

Progression Requirements
Students enrolled in the concurrent BESc/LLB degree program must satisfy the progression requirements as determined by each Faculty. In addition, each student is required to maintain a minimum year-weighted average (YWA) of 75% or B, and be in the top half of the class in each program while enrolled in the concurrent degree program, to progress to the subsequent year. A student who fails to meet the above progression requirements will be required to withdraw from the concurrent program. Students who have met the progression requirements of the regular program may proceed to the next year of that program.

First-Year Program
Common first year of Engineering program.

Second-Year Program
Applied Math 276, CBE 221a/b, CBE 291a/b, CEE 202a/b, CEE 217a/b, ECE 238a/b, ECE 239a/b, ES 211F/G, MME 204a/b, MME 259a/b, MME 299a/b.

Third-Year Program
First-year Law curriculum.

Fourth-Year Program
CEE 220a/b, ECE 339a/b, ECE 374a/b, MME 213a/b, MME 399, four of the Law core curriculum courses.

Fifth-Year Program
CBE 290a/b, CBE 322a/b, ES 300y, Statistical Sciences 243a/b, the remaining two Law core curriculum courses, Law school electives – see below*.

Sixth-Year Program
1.0 technical elective, one of: MME 419, MME 499 or ECE 416, Law School electives – see below*.

*Note: The combined number of credit weights for the Law School electives for Years 5 and 6 must total at least 21 credit hours. They must include one course in which there is a written essay worth at least 2 credit weights. They also must include three courses that expose students to the impact of technology on society, as well as ethical issues and thought processes in the Humanities and Social Sciences, such as courses in philosophy of law, international law, environmental law, ethics and accounting. These three courses will be approved for each student by the Faculty of Engineering and the Faculty of Law.

Background:

The Faculty of Engineering, along with the Faculty of Law, currently offer accelerated combined degree programs, leading toward a Bachelor of Engineering Science degree and an LLB degree, for students enrolled

in the Department of Chemical and Biochemical Engineering, Electrical and Computer Engineering, Mechanical and Materials Engineering, and Civil and Environmental Engineering. Admission into the program is very competitive and enrolment is limited. Students wanting to enroll in the combined program must maintain a minimum "A" average in the first two years of the Engineering program and attain an acceptable LSAT score. These highly competitive programs have been very successful in attracting to both Faculties exceptional, high-achieving undergraduate students who are interested in a technology-oriented academic education with law practice.

The proposal is to extend this opportunity to students enrolled in the Integrated Engineering program. Exceptional students interested in law and in Integrated Engineering will be given the opportunity to pursue an education in a broad-based Engineering curriculum combined with an education in Law. The program will require six years of academic study, rather than the normal seven years if the student chose to complete the two degrees separately.

1e BESc/Law Combined Degree Program (Software Engineering)

Recommended: That effective September 1, 2007, a limited-enrolment concurrent degree program, leading to a BESc in Software Engineering and an LLB degree from the Faculty of Law, be introduced.

NEW CALENDAR COPY
(to follow Option B on pg. 81 of the 2006 academic calendar)

C. Software Engineering and Law

Admission
Before entering the concurrent BESc/LLB degree program, students must have completed the first two years of the Software Engineering program at Western (or equivalent). In addition to applying for the concurrent degree program through the Office of the Associate Dean - Academic of the Faculty of Engineering, students must make a separate application to the Faculty of Law for admission into the LLB program. In the application to the Law School, the applicant must indicate that he or she is applying to the concurrent BESc/LLB program.

Admission Criteria
To be eligible for the concurrent degree program, students must have completed all requirements of the first-year curriculum in the Faculty of Engineering, and the second-year program, Option C in the Software Engineering program, with either a **minimum cumulative weighted average (CWA) of 80% or standing in the top 10% of the class.** In addition, applicants must meet the special criteria established by the Law Faculty for admission to the concurrent program. Entrance into the concurrent degree program is competitive and limited.

Admission Procedures
Students interested in the concurrent BESc/LLB program normally will apply during their second year in the Faculty of Engineering. Application must be made in writing to the Office of the Associate Dean – Academic of the Faculty of Engineering. Students also must apply to the Faculty of Law by the published deadline, normally May 1. It is the student's responsibility to ensure that the separate application is submitted to the Faculty of Law. For information on the Law School application process, please contact the Law School Student Services Office (661-2111 ext. 88401) Email: lerichar@uo.ca

Progression Requirements
Students enrolled in the concurrent BESc/LLB degree program must satisfy the progression requirements as determined by each Faculty. In addition, each student is required to maintain a minimum year-weighted average (YWA) of 75% or B, and be in the top half of the class in each program while enrolled in the concurrent degree program, to progress to the subsequent year. A student who fails to meet the above progression requirements will be required to withdraw from the concurrent program. Students who have met the progression requirements of the regular program may proceed to the next year of that program.

First-Year Program
Common first year of Engineering program.

Second-Year Program
Applied Math 276, Computer Science 037a/b, ECE 238a/b, ECE 239a/b, ES 211F/G, SE 203a/b, SE 204a/b, SE 205a/b, SE 241a/b, SE 250a/b, Statistical Science 241a/b.

Third-Year Program
First-year Law curriculum.

Fourth-Year Program
ECE 339a/b, ECE 375a/b, SE 310a/b, SE 311a/b, four of the Law core curriculum courses.

Fifth-Year Program
SE 312a/b, SE 313a/b, SE 314a/b, SE 350Y, SE 351a/b, SE 352a/b, SE 353a/b, the remaining two Law core curriculum courses, Law school electives – see below*.

Sixth-Year Program
SE 410a/b, SE 450, SE 452a/b, SE 453a/b, Law school electives – see below*.

*Note: The combined number of credit weights for the Law School electives for Years 5 and 6 must total at least 21 credit hours. They must include one course in which there is a written essay worth at least 2 credit weights. They also must include three courses that expose students to the impact of technology on society as well as ethical issues and thought processes of the Humanities and Social Sciences, such as courses in philosophy of law, international law, environmental law, ethics and accounting. These three courses will be approved for each student by the Faculty of Engineering and the Faculty of Law.

Background:

The Faculty of Engineering, along with the Faculty of Law, currently offer accelerated combined degree programs, leading toward a Bachelor of Engineering Science degree and an LLB degree, for students enrolled in the Departments of Chemical and Biochemical Engineering, Electrical and Computer Engineering, Mechanical and Materials Engineering, and Civil and Environmental Engineering. Admission into the program is very competitive and enrolment is limited. Students wanting to enroll in the combined program must maintain a minimum "A" average in the first two years of the Engineering program and attain an acceptable LSAT score. These highly competitive programs have been very successful in attracting to both Faculties exceptional, high-achieving undergraduate students who are interested in a technology-oriented academic education with law practice.

The proposal is to extend this opportunity to students enrolled in the Department of Electrical and Computer Engineering in the Software Engineering program. Exceptional students interested in law and in Software

Engineering will be given the opportunity to pursue an education in a basic software Engineering curriculum combined with an education in law. The program will require six years of academic study, rather than the normal seven years if the student chose to complete the two degrees separately.

2. **Admission Requirements: Revision to Mathematics Requirement for First-Entry Programs**

Recommended: That effective for the 2007/8 admissions cycle, admission requirements for programs requiring Grade 12 high school mathematics as prerequisite(s) be revised as shown in **Appendix 1** to reflect changes in Grade 12 Ontario high school mathematics courses, and,

That effective for the 2006/7 admissions cycle, admission requirements for programs requiring Grade 11 high school mathematics as prerequisite(s) be revised as shown in **Appendix 1** to reflect changes in Grade 11 Ontario high school mathematics courses.

Background:

The Ontario Ministry of Education's Task Force on Senior High School Mathematics has recommended (May 9, 2006) that "calculus be removed from the Grade 12 *Advanced Functions and Introductory Calculus* course and that the course be renamed *Advanced Functions*," and that "the course *Geometry and Discrete Mathematics* be eliminated and replaced by a course tentatively named *Calculus and Vectors*. The new course would have *Advanced Functions* as a pre- or co-requisite." These recommendations have been accepted by the Minister and the new math courses will be offered in high schools for the first time in September 2007.

The Ministry also revised the Grade 11 math curriculum, and previous mathematics courses entitled *Functions and Relations* (MCR3U) and *Functions* (MCF3M) have been revised and are re-labeled as *Functions and Applications* (MCF3M) and *Functions* (MCR3U). These courses are being offered for the first time beginning September 2006.

Ontario high school math curriculum changes require corresponding changes in the Admission Requirements for: Engineering, Bachelor of Management and Organizational Studies, Health Sciences, Science (including Biological and Medical Sciences), Human Ecology, Nursing, and Music Administrative Studies. In addition, the current notations regarding mathematics recommendations for the Faculty of Social Science require revision.

3. **Policy on Course Outlines**

Recommended: That the Policy on Course Outlines be revised to read as shown below, effective January 1, 2007:

COURSE OUTLINES (SYLLABI) FOR UNDERGRADUATE COURSES

No later than the first day of class in the term a course is given, Faculties, Departments, Schools or Programs (hereafter called "Academic Units") must post on the appropriate Web site a course outline for each course offered. With the exception of courses taught by Distance Studies (WebCT), this outline also must be available electronically and/or in hard copy form at the first meeting of the course.

In order to allow students to make informed decisions on their course selection and the scheduling of their studies, each course outline must include the following information or direct students to an appropriate course Web site where these details are available:

1. **Course Information**
This includes the course name and number, and the location and days and hours that the course is scheduled (including lecture, laboratory and tutorial hours).

A) **Prerequisite checking - the student's responsibility**
If applicable, a list of the prerequisites for the course and the following notation regarding the Senate regulation with respect to the student's responsibility for ensuring that course prerequisites have been completed successfully or special permission from the Dean obtained:

> "Unless you have either the requisites for this course or written special permission from your Dean to enroll in it, you may be removed from this course and it will be deleted from your record. This decision may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisites."

2. **Instructor Information**
Full name, title and appropriate contact information of the instructor and, if the course is taught by more than one instructor, the name of the person responsible for the course [course coordinator].

3. **Course Syllabus**
A description of the objectives and content of the course, which shall include a statement of what is expected of the student by way of preparation, tests, exercises, essays, laboratory reports, etc. (hereafter called "assignments"), and any specific requirements for attendance and participation.

4. **Course Materials**
A description of the materials that are required (or recommended) for the course, including text books, supplemental information, notes, manuals, laboratory or safety materials, and any specific electronic devices.

5. **Methods of Evaluation of Assignments**
A statement of the methods by which student performance will be evaluated and the weight of each assignment, including an exact timetable and schedule of assignments. When exact dates cannot be supplied, a tentative or rough schedule must be issued, with an exact schedule to follow as soon as possible. This regulation does not preclude the administration of surprise assignments and quizzes, as long as the total number, approximate frequency, and value of such assignments are specified in the course outline. A clear indication of how missed assignments will be dealt with must be provided.

Course instructors who wish to change the evaluation procedure shown in the course outline must receive prior approval to do so from the dean of the faculty concerned.

6. **Additional Statements**

Statement on Use of Electronic Devices
A clear statement of what electronic devices will or will not be allowed during tests and examinations.

Statement on Use of Personal Response Systems ("Clickers")
If Personal Response Systems ("Clickers") are used in the course, a reference to the Guidelines for their use* (http://www.uwo.ca/univsec/handbook/regn/clickers.pdf). Instructors are to communicate clearly to students information on how clickers are used including: how the student's privacy will be protected, how clickers may be used by the instructor for data gathering and for evaluating the student, and why they cannot be used by anyone but the student (since the students involved in misuse of a clicker may be charged with a scholastic offence).

Statement on Academic Offences
The statement: "Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence, at the following Web site: http://www.uwo.ca/univsec/handbook/appeals/scholoff.pdf ."

Additionally,

A) If written work will be assigned in the course and plagiarism-checking software might be used, the following statement to this effect must be included in the course outline:

> "All required papers may be subject to submission for textual similarity review to the commercial plagiarism detection software under license to the University for the detection of plagiarism. All papers submitted for such checking will be included as source documents in the reference database for the purpose of detecting plagiarism of papers subsequently submitted to the system. Use of the service is subject to the licensing agreement, currently between The University of Western Ontario and Turnitin.com (http://www.turnitin.com)."

B) If computer-marked multiple-choice tests and/or exams will be given, and software might be used to check for unusual coincidences in answer patterns that may indicate cheating, the following statement must be added to course outlines:

> "Computer-marked multiple-choice tests and/or exams may be subject to submission for similarity review by software that will check for unusual coincidences in answer patterns that may indicate cheating."

Support Services
The Web sites for Registrarial Services (www4.registrar.uwo.ca), and the same for affiliated university colleges when appropriate, and any appropriate Student Support Services and the Student Development Services, should be provided for easy access.

Retention of Electronic Version of Course Outlines (Syllabi)
At the same time that course outlines/syllabi are posted on the appropriate Web site, each Department must forward an electronic version of items 1-5 of each course outline (syllabus) to the Office of the Dean of the Faculty or College. By the fourth week after the start of term, the Dean's Office will forward all of the collected outlines to Registrarial Services, where they will be maintained in electronic form in the faculty/staff extranet for a *minimum* of ten years after the completion of the course. *(Final retention periods and disposition will be determined by the relevant records retention and disposition schedule approved by the President's Advisory Committee on University Records and Archives).*

* This link has not been activated. Pending approval by SCAPA at its next meeting, the Guidelines for the Use of Clickers will be posted at the Web site indicated. Senate will be informed of the wording.

Background:

In recent months, a number of issues of academic policy have been brought to the attention of the Chair of SCAPA and the University Secretariat. The proposed revisions to the Policy on Course Outlines address these issues and provide a more common format to the information that must be provided. The current version of this policy is at: http://www.uwo.ca/univsec/handbook/exam/crsout.pdf

With regard to the introductory paragraph, Senate representatives of the undergraduate student constituency have raised concerns recently about course outlines not being available at the time the students have to register for their courses during the summer. It is proposed that course outlines be made available as soon as possible, but no later than the first day of class in the term a course is given.

With regard to the Statement on Electronic Devices, an ad hoc committee of SCUP's Subcommittee on Information Technology was asked to examine existing university policies to see if they were appropriate to deal with possible misuses of electronic devices during tests and examinations. They reported that the current Handbook on Academic and Scholarship Policy dealing with the Administration of Examinations adequately addresses any unauthorized use of electronic devices. One of their recommendations was to be sure any electronic device that may or may not be used be clearly identified by the instructor in the course outline.

With the increasing use of Personal Response Systems ("Clickers"), students must be informed that they will be used, and provided with adequate instruction for their appropriate use. To this end, some guideline on the use of Personal Response Systems will be made available [see next item below].

An ad hoc working group of SCAPA looked at the issue of retention and archiving of course outlines/syllabi, in response to expressions of concern from the Office of the Ombudsperson that Western students and graduates are unable to obtain from the University copies of syllabi for courses taken here in previous years that they need to present as documentation when applying either for admission to graduate or professional programs, or for recognition by professional accreditation bodies.

FOR INFORMATION

4. **New Scholarships, Awards and Bursaries**

SCAPA has approved on behalf of the Senate the following Terms of Reference for new scholarships, awards, bursaries and prizes, for recommendation to the Board of Governors through the Vice-Chancellor:

Suncor Energy Foundation First Nations Health Sciences Access Program Awards (Faculty of Health Sciences)
Awarded annually to all full-time students enrolled in the First Nations Services Health Sciences Career Access Program during their first year. Funding will continue provided they progress into the second year of their Health Sciences program. Recipient names will be forwarded by the Coordinator of First Nations Services to the Office of Registrarial Services. These awards were made possible by a generous donation from Suncor Energy Foundation.

Value: Up to 20 awards at $1,000 per year, continuing for up to 2 years
Effective: 2006 -2007 to 2010-2011 (to be reviewed after this date)

Borden Ladner Gervais Professional Excellence Award (Faculty of Law)
Awarded annually to a first-year student in the Faculty of Law based on academic excellence. The recipient must have demonstrated a commitment to professional and service excellence by consistently expanding his/her knowledge of the law, demonstrating the highest standards of integrity, offering innovative ideas, taking a collaborative approach, and contributing to the community. Applications can be obtained from the Faculty of Law and must be submitted along with a one-page statement outlining the applicant's outstanding attributes by July 1. Final selection will be made by the Scholarship Committee in the Faculty of Law. This award has been created by Borden Ladner Gervais LLP.

Value: $1,500
Effective: 2007-2008 to 2011-2012

Margaret A. Banks Prize in Geriatric Medicine (Schulich School of Medicine & Dentistry, Geriatric Medicine)
Awarded annually to a clinical clerk with high academic standing. The recipient must have demonstrated collaboration with health professionals and compassion in caring for older individuals as determined by the

Division of Geriatric Medicine and the Progression Awards and Appeals Committee in the Schulich School of Medicine & Dentistry. This award was established by a gift from Dr. Margaret Banks.

Value: $250
Effective: May 2006

Septodont/Louis Nief Award (Schulich School of Medicine & Dentistry, Dentistry)
Awarded to a full-time student in third or fourth year of the Dentistry Program, or in the DDS Program for Internationally Trained Dentists, who excels in local anaesthesia. The recipient will be selected by the Scholarship and Awards Committee in the Schulich School of Medicine & Dentistry. This award was established by Septodont of Canada Inc.

Value: $1,387
Effective: 2007-2008 to May 2011-2012

Morrison Scholarship in American Studies (Faculty of Social Science, Centre for American Studies)
Awarded annually to a full-time student entering the third year of an Honors degree with an Honors Specialization or Major in American Studies, or a Double Major that includes American Studies, based on academic achievement (minimum 80% average). This Scholarship is to be used for the purpose of a student foreign exchange to be taken in the student's third year of study as part of their degree in American Studies. The recipient will be chosen by a committee established by the Centre for American Studies.

Value: $2,000
Effective: 2006 -2007 to 2008-2009 (to be reviewed after this date)

Morrison Scholarship in American Studies for Academic Improvement (Faculty of Social Science, Centre for American Studies)
Awarded annually to the full-time student entering the fourth year of an Honors degree with an Honors Specialization or Major in American Studies, or a Double Major that includes American Studies, who has demonstrated the greatest academic improvement between their second and third years of the program (minimum 80% average). The recipient will be chosen by a committee established by the Centre for American Studies.

Value: $1,000
Effective: 2006 -2007 to 2008-2009 (to be reviewed after this date)

Morrison Scholarship in American Studies for Academic Achievement (Faculty of Social Science, Centre for American Studies)
Awarded annually to the full-time second-year student entering an Honors degree with an Honors Specialization or Major in American Studies, or a Double Major that includes American Studies, who has earned the highest academic average in their first year (minimum 80% average). The recipient will be chosen by a committee established by the Centre for American Studies.

Value: $1,000
Effective: 2008-2009 to 2009-2010 (to be reviewed after this date)

Albert Abramson Memorial Award (Faculty of Law)
Awarded to a full-time undergraduate student in Year 2 or 3 in the Faculty of Law based on academic merit (minimum B average) and financial need. Applications can be accessed through the Registrarial Services Web site and must be submitted by October 31. Registrarial Services will determine financial need and the

Faculty of Law will select the recipient. This award was established by Mr. Lanning Abramson and others who donated in memory of Mr. Albert Abramson.

Value: 2 at $1,500 for 2006-2007 only; 1 at $1,500 thereafter
Effective: 2006-2007 to 2011-2012

Rix Family OSOTF II Bursary (Schulich School of Medicine & Dentistry, Medicine)
Available to a student in the second, third or fourth year of the Doctor of Medicine (MD) program on the basis of financial need and consideration of academic standing. Recipients must meet Ontario residency requirements of the Ontario Student Opportunity Trust Fund program. This bursary was established through Foundation Western by Dr. and Mrs. Donald B. Rix.

Value: 4 at $2,500
Effective: May 2006

This award qualifies for the Ontario Student Opportunity Trust Fund (OSOTF) program and recipients must meet Ontario residency requirements.

High School Admission Requirements			
Faculty/Program	**2006/7 Course Requirements**	**2007/8 Course Requirements**	**Notes/Recommendations**
Biological and Medical Science	English ENG4U, Advanced Functions and Introductory Calculus MCB4U Two of: Geometry and Discrete Math MGA4U, Biology SBI4U, Physics SPH4U, Chemistry SCH4U, Earth and Space Science SES4U, Math of Data Management MDM4U, Computer and Information Science ICS4M	English ENG4U Advanced Functions (MHF4U) Two of: Calculus and Vectors (MCV4U) highly recommended Biology SBI4U, Physics SPH4U, Chemistry SCH4U, Earth and Space Science SES4U, Math of Data Management MDM4U, Computer and Information Science ICS4M	*Calculus and Vectors (MCV4U) highly recommended*
Commercial Aviation Management	English ENG4U, Advanced Functions and Introductory Calculus MCB4U, One of: Geometry and Discrete Math MGA4U Math of Data Management MDM4U	English ENG4U Two of: Advanced Functions (MHF4U) Calculus and Vectors (MCV4U) Math of Data Management (MDM4U)	*Valid Transport Category 1 Medical Certificate is required for flight.* *Physics (SPH4U) is recommended* *Two hours of small aircraft flying time is strongly recommended*
Engineering Science	English ENG4U Advanced Functions and Introductory Calculus MCB4U Physics SPH4U Chemistry SCH4U One of: Geometry and Discrete Math MGA4U (highly recommended) Math of Data Management MDM4U Biology SBI4U Earth and Space Science SES4U Analyzing Current Economic Issues CIA4U Canada, Identity and CultureCHI4U Canadian and World Issues CGW4U Canadian and International Law CLN4U Canadian and World Politics CPW4U Philosophy: Questions and Theories HZT4U World Geography CGU4U World History CHY4U	English ENG4U Advanced Functions (MHF4U) Physics SPH4U Chemistry SCH4U One of: Calculus and Vectors (MCV4U) highly recommended; or a substitute grade 12 4U course from the following list: Math of Data Management MDM4U Biology SBI4U Earth and Space Science SES4U Analyzing Current Economic Issues CIA4U Canada, Identity and Culture CHI4U Canadian and World Issues CGW4U Canadian and International Law CLN4U Canadian and World Politics CPW4U Philosophy: Questions and Theories HZT4U World Geography CGU4U World History CHY4U	*Calculus and Vectors (MCV4U) highly recommended*
Health Sciences	English ENG4U One of: Advanced Functions and Calculus MCB4U Geometry and Discrete Math MGA4U Math of Data Management MDM4U One of: Biology SBI4U Chemistry SCH4U Physics SPH4U	English ENG4U One of: Advanced Functions (MHF4U) Calculus and Vectors (MCV4U) Math of Data Management MDM4U One of: Biology SBI4U Chemistry SCH4U Physics SPH4U	

Human Ecology (BSc Food & Nutrition) (BSc Family Studies)	English ENG4U Biology SBI4U Chemistry SCH4U One of: Functions and Applications MCF3M Functions MCR3U	English ENG4U Biology SBI4U Chemistry SCH4U One of: Functions and Applications MCF3M Functions MCR3U	
Kinesiology	English ENG4U, Biology SBI4U	English ENG4U, Biology SBI4U	• *Students interested in the BSc program are encouraged to select one grade 12 U level Math course. Advanced Functions (MHF4U) is strongly recommended.* • *Physics (SPH4U) or Physics (SPH3U) are also strongly recommended*
Management and Organizational Studies	English ENG4U, Advanced Functions and Introductory Calculus MCB4U, One of: Geometry and Discrete Math MGA4U Math of Data Management MDM4U	English ENG4U Two of: Advanced Functions (MHF4U) Calculus and Vectors (MCV4U) Math of Data Management (MDM4U)	
Music Administrative Studies	English ENG4U Advanced Functions and Introductory Calculus (MCB4U)	English ENG4U Advanced Functions (MHF4U)	*The faculty's recommendation based on an informal interview and a satisfactory audition on a principal instrument at a minimum Conservatory GradeVIII level. Keyboard proficiency at a minimum level of Conservatory Grade VI (for applicants whose principal instrument is not piano) must be fulfilled prior to second year.*
Nursing	English ENG4U 60% in each of : Biology SBI4U and Chemistry SCH4U One of: Functions and Applications MCF3M or Functions MCR3U	60% in each of English ENG4U, Biology SBI4U and Chemistry SCH4U And 60% in one of: Functions and Applications MCF3M, or Functions MCR3U	
Science	English ENG4U Advanced Functions and Introductory Calculus MCB4U Two of: Geometry and Discrete Math MGA4U Biology SBI4U, Physics SPH4U Chemistry SCH4U Earth and Space Science SES4U Math of Data Management MDM4U Computer and Information Science ICS4M	English ENG4U Advanced Functions (MHF4U) Two of: Calculus and Vectors (MCV4U) highly recommended, Biology SBI4U, Physics SPH4U, Chemistry SCH4U, Earth and Space Science SES4U, Math of Data Management MDM4U, Computer and Information Science ICS4M	*Calculus and Vectors (MCV4U) highly recommended*
Social Science	English ENG4U	English ENG4U	• *Advanced Functions (MHF4U) and Calculus and Vectors (MCV4U) and/or Math taken at University are necessary for Economics programs.* • *All Specializations and Majors in Psychology require a University Math course. Therefore Advanced Functions(MHF4U) is highly recommended.* • *Math is helpful, as preparation for Sociology and Geography programs*