

REPORT OF THE SENATE COMMITTEE ON ACADEMIC POLICY AND AWARDS
(SCAPA)

Faculty of Science and Schulich School of Medicine & Dentistry: Honors Specialization in Biochemistry of Infection and Immunity

Huron University College: Honors Specialization in Finance and Administration

Huron University College, Faculty of Theology: Minors in Biblical Studies, Historical and Systematic Theology

Schulich School of Medicine & Dentistry: Qualifying Program to Change to DDS Program for Internationally Trained Dentists

**Admission Criteria: Concurrent Degree Programs in Engineering and Medicine
New Award**

Correction to Calendar Copy for Post-Degree Modules: Bachelor Degree (Four-Year)

Faculty of Graduate Studies Implementation Plan for Renumbering Courses

FOR APPROVAL

1. **Faculty of Science and Schulich School of Medicine & Dentistry: Honors Specialization in Biochemistry of Infection and Immunity**

Recommended: That effective September 1, 2006, an Honors Specialization in Biochemistry of Infection and Immunity, leading to a BMSc degree, be introduced by the Departments of Biochemistry, and Microbiology and Immunology, for the Faculty of Science and the Schulich School of Medicine & Dentistry.

NEW CALENDAR COPY

HONORS SPECIALIZATION IN BIOCHEMISTRY OF INFECTION AND IMMUNITY

Enrolment in this module is limited. Meeting the minimum requirements does not guarantee that students wishing to enter or progress in this module will be offered enrolment.

Admission Requirements

Completion of first-year requirements with no failures. Students must have an average of at least 70% in the following 4.0 principal courses with no mark in these principal courses below 65%.

1.0 course from: Biology 022 or 023

1.0 course from: Chemistry 020 or 023

1.0 course from: Applied Mathematics 026, Calculus 050a/b, 051a/b, 081a/b, 091a/b, Linear Algebra 040a/b, Mathematics 028a/b, 030, Statistical Sciences 024a/b

1.0 course from: Physics 020, 024, or 028a/b and 029a/b, or the former Physics 022 or 025

Module

10.0 courses:

1.0 course from: Chemistry 213a/b and 223b, or Chemistry 273a and 283G

0.5 course: Biochemistry 280a
1.5 courses: Biology 281b, 282b, 290F/G
0.5 course from: Biology 244a/b or Statistical Sciences 222a/b
1.5 courses: Microbiology and Immunology 220a, 357a, 360b
1.0 course: Biochemistry 381a, 382b
0.5 course from: Biochemistry 380G or Microbiology and Immunology 361G
1.0 course from: Microbiology and Immunology 461b, 465a, 467b, 473a
1.0 course: Biochemistry 410a, 420b
1.5 courses from: Biochemistry 483E (Research Project = 1.5 courses) or Microbiology and Immunology 483E (Research Project = 1.5 courses)

Notes:

1. Enrolment in Biochemistry 381a requires a minimum mark of 65% in Biochemistry 280a, and a minimum average of 65% in Chemistry 213a/b and 223b, or a minimum mark of 60% in each of Chemistry 273a and 283G or the former Chemistry 253.
2. A minimum mark of 70% is required in each of Microbiology and Immunology 220a, 357a and 360b.
3. Enrolment in Biochemistry 483E requires a minimum mark of 70% in each of Biochemistry 381a, 382b, and either Biochemistry 380G or Microbiology and Immunology 361G.

Background:

Biochemistry, and Microbiology and Immunology, are inter-related disciplines which interest many undergraduate students. Often students are uncertain at the time of Intent to Register as to which discipline to select for their Honors Specialization module. This proposed module offers fundamental courses in both disciplines and a selection of either laboratory course (Biochemistry 380G or Microbiology and Immunology 361G). The research project courses (483E) have been taught jointly between the two departments for many years and are thus a natural component of this module.

2. **Huron University College: Honors Specialization in Finance and Administration**

Recommended: That effective September 1, 2006, an Honors Specialization in Finance and Administration be introduced by the Department of Economics and Business at Huron University College.

NEW CALENDAR COPY
(Page 319 of the 2006 Calendar)

**BACHELOR OF MANAGEMENT AND ORGANIZATIONAL STUDIES HONORS DEGREE
HONORS SPECIALIZATION IN FINANCE AND ADMINISTRATION**

Admission Requirements

Students may apply to enter the Honors Specialization or Specialization in a Bachelor of Management and Organizational Studies (BMOS) when they apply for admission to the University. Because enrolment is limited, possession of the University's minimum admission requirements does not guarantee admission. Ontario high school graduates must complete an OSSD including: completion of six Grade 12U and/or M courses, including English (ENG4U) with a minimum grade of 70%, Advanced Functions and Introductory Calculus (MCB4U), and one of either Math of Data Management (MDM4U) or Geometry and Discrete Math(MGA4U), or equivalent. To enter the Honors Specialization in BMOS after first year or second year, students must have an overall average of 70% on the last 5.0 courses and a cumulative average of at least 70%. All courses in the module must be completed in order to graduate with the Honors Specialization.

Progression Requirements

To remain in the BMOS Honors degree, students must maintain a minimum cumulative (modular) average of 70%, with no course mark less than 60% in the Honors Specialization module, and obtain a passing grade in each option. In addition, students must maintain a minimum cumulative average of 65% for all courses, with no sessional average (including summer session) less than 60%.

Honors Specialization in Finance and Administration

Module: 16.0 courses

5.0 first-year courses:

0.5 course: MOS 020a/b

1.0 course: Business Administration 020

1.0 course from: Mathematics 030, 031

0.5 course from: Computer Science 032a/b (required for the Diploma in Accounting), or another 0.5 course in Computer Science numbered 020-099

1.0 course: Economics 020

1.0 designated essay course numbered 020E-099E from: English, French, History, International and Comparative Studies, Philosophy, Political Science, Psychology

11.0 senior courses:

1.0 course normally taken in second year: Business Administration 257

1.0 course normally taken in second year: Economics 220a/b, 260a/b

1.0 course normally taken in second year: Economics 222a/b, 223a/b

1.0 course from: MOS 180, Psychology 164, Sociology 169

2.0 courses normally taken in third year: MOS 310a/b, 320a/b, 372 (Note that MOS 360a/b and 361a/b are prerequisite for MOS 460a/b and 461a/b)

1.0 course normally taken in fourth year: MOS 330a/b, 410b

2.0 courses from: Economics 340F/G, 346a/b, 352a/b, 370a/b, Geography 372a/b, MOS 275a/b, 276a/b, 325a/b, 360a/b, 361a/b, 460a/b, 461a/b, Sociology 309F/G

1.0 course from: Actuarial Science 153, Economics 221a/b, 261a/b, 328a/b, 329a/b, 340F/G, 346a/b, 352a/b, 357a/b, 370a/b

1.0 course from: History 143F/G, 144F/G, 231E, Philosophy 162F/G, 241F/G, 242F/G, Political Science 211E, 246E

Background:

Huron University College revised the Specialization in Finance and Administration in the BACS degree in 2004. The revision increased the rigour of the module by including a majority of 200-level and above courses as required courses in the module. The module has been taught in the revised format for the last two years. The changes were made with a view to moving to an Honors designation for some of the modules in the (old) BACS program. Now that the BMOS Honors degree has been approved, Huron University College would like to introduce the Honors Specialization module as an option for students to earn the BMOS Honors degree.

3. **Huron University College, Faculty of Theology: Minors in Biblical Studies, Historical and Systematic Theology**

Recommended: That effective September 1, 2006, a Minor in Biblical Studies and a Minor in Historical and Systematic Theology be introduced in the Faculty of Theology, Huron University College.

NEW CALENDAR COPY
(p. 326 of the Academic Calendar)

MINOR IN BIBLICAL STUDIES

Admission Requirements

Completion of first-year requirements, including Theological Studies 020E with a mark of at least 60%.

Module

4.0 courses:

1.5 courses: Religious Studies 114a/b, 131E

1.5 courses: Theological Studies 200F, 203G, 206G

1.0 additional course in Theological Studies

MINOR IN HISTORICAL AND SYSTEMATIC THEOLOGY

Admission Requirements

Completion of first-year requirements, including Theological Studies 020E with a mark of at least 60%.

Module

4.0 courses:

1.0 course: Religious Studies 131E

0.5 course from: Religious Studies 229F/G, Theological Studies 205F/G

1.5 courses: Theological Studies 201F, 207F, 210F/G

1.0 additional course in Theological Studies

Background:

The introduction of the new Minor modules will provide another option for undergraduate students. Major modules in both subjects are offered currently (p. 326 of the 2006 academic calendar).

4. **Schulich School of Medicine & Dentistry: Qualifying Program to Change to DDS Program for Internationally Trained Dentists**

Recommended: That Senate approve the following recommendation from the Schulich School of Medicine & Dentistry:

That effective May 1, 2006, the Dental Qualifying Program leading to a QP Certificate be withdrawn and replaced by a Doctor of Dental Surgery (DDS) degree program for Internationally Trained Dentists, with the same program requirements as the certificate program, but with the new title of DDS Program for Internationally Trained Dentists, and,

That students enrolled in the Certificate program as of May 1, 2006, and students admitted to the Certificate program for September 2006, be transferred to the new DDS Program for Internationally Trained Dentists, and,

That effective immediately for Fall/Winter 2005, students in the Certificate Program who are graduating in June 2006 graduate with a DDS.

Background:

Established in 1997 at the request of the Ontario government, the Qualifying Program (QP) is designed as a bridging program for internationally trained dentists to obtain a license to practice in Ontario. Upon successful completion of both a Qualifying Program at a Canadian university and the National Dental Examination Board (NDEB) final written examination, the graduate, with due regard to Provincial Regulatory Requirements, has the same practicing privileges as a graduate from any of the dental schools in Canada.

Of the total of approximately seventy-five positions are offered to first-year applicants, twelve positions are offered by Western. Other Universities include: Dalhousie University, University of Toronto, University of Alberta, University of Manitoba, and University of British Columbia.

The Qualifying Programs at Western and U of T are the only remaining programs that lead to a certificate rather than a DDS degree, and U of T is in the process of changing its designation. The highest-ranking candidates are beginning to choose institutions that offer a DDS degree rather than a Certificate. This will have a negative impact on Western's reputation as the leader in this area of training, if Western will no longer attract the best and the brightest candidates. The negative impact on our graduates is evident also. Many graduates feel disadvantaged in the workplace and in attaining post-graduate positions when they present a certificate as opposed to a degree credential.

The extensive Prior Learning Assessment testing, orientation program and extra summer clinic make this program greater than 2.5 years in length. Although course content is similar to the regular DDS program, due to varying levels of competencies, it remains a labour intensive and unique program. At the end of the program, students of the Qualifying Program are tested and qualify for exactly the same global competencies as the regular DDS program.

The Qualifying Program, despite being aligned closely, both academically and clinically, with the DDS program, remains distinct. The program is only for foreign-trained dentists from non-accredited universities. The original agreement with the Ministry held that the program must not replace enrolments from the usual sources and especially not from the Ontario educational system. Both the Royal College of Dental Surgeons of Ontario and the Commission on Dental Accreditation are in support of this change.

All courses formerly referred to as Qualifying Program (QP) courses will be renamed as Dentistry (D) courses, effective September 1, 2006, and DAP will be informed of this change.

FOR INFORMATION

5. **Admission Criteria: Concurrent Degree Programs in Engineering and Medicine**

SCAPA has approved that the Concurrent Degree Programs in Engineering and Medicine, be revised to add reference to the Grade Point Average (GPA) in the minimum standards required for admission.

REVISED CALENDAR COPY

(Electrical Engineering and Medicine, p. 84 of the 2006 Academic Calendar)

Admission Criteria

To be eligible for the concurrent degree program, students must have completed all the 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 program of Option F (Electrical Engineering and Medicine), in the Department of Electrical and Computer Engineering, with a minimum year-weighted average (YWA) of 80% in each year. In addition, the applicant's **Medical College Admissions Test (MCAT) score and Grade Point Average (GPA)** must meet the minimum performance standards in the MCAT, determined by the Schulich School of Medicine & Dentistry; and **t . The applicant** must be invited and attend a personal interview with the Schulich School of Medicine & Dentistry. A confidential assessment form, proficiency in English and Basic Life Support Training also are required.

Entrance into the concurrent degree program is competitive and limited.

(Biochemical Engineering and Medicine, p. 81 of the 2006 Academic Calendar)

Admission Criteria

To be eligible for the concurrent degree program, students must have completed all the 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 program of Option E (Biochemical Engineering and Medicine), in the Department of Chemical and Biochemical Engineering, with a minimum year-weighted average (YWA) of 80% in each year. In addition, the **applicant's Medical College Admissions Test (MCAT) score and Grade Point Average (GPA)** must meet the minimum performance standards in the MCAT, determined by the Schulich School of Medicine & Dentistry; and **t . The applicant** 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.

(Mechanical Engineering and Medicine, p. 86 of the 2006 Academic Calendar)

Admission Criteria

To be eligible for the concurrent degree program, students must have completed all the 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 program of Option C (Mechanical Engineering and Medicine), in the Department of Mechanical and Materials Engineering, with a minimum year-weighted average (YWA) of 80% in each year. In addition, the **applicant's Medical College Admissions Test (MCAT) score and Grade Point Average (GPA)** must meet the minimum performance standards in the MCAT, determined by the Schulich School of Medicine & Dentistry;

~~and~~ **The applicant** 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 also.

Entrance into the concurrent degree program is competitive and limited.

Background:

The admission criteria approved last month by Senate for the MD program with Electrical Engineering parallels that of the MD programs taken concurrently with Biochemical Engineering and Mechanical Engineering. In order to be consistent, the addition of the reference to the Grade Point Average (GPA) is recommended. All Ontario Medical Schools use the term “grade point average,” since the marks for MD applicants go to the Ontario Medical School Application Service in Guelph, and OMSAS converts the marks to grade points and the grade point average results. The term is still used by Schulich in its calendar copy and requirements for the MD program.

6. **New Award**

SCAPA has approved on behalf of the Senate the Terms of Reference for the following new award, for recommendation to the Board of Governors through the Vice-Chancellor:

Craig O’Hagan Memorial Award (Faculty of Engineering)

Awarded to a full-time undergraduate student in the third year of a program in Mechanical Engineering, Chemical Engineering (Biochemical and Environmental Option) or Civil Engineering (Environmental Option), based on academic achievement (minimum 75% average) and financial need. Applications can be accessed through the Office of the Registrar’s Web site and must be submitted by September 30. This award was established by the family and friends of Craig O’Hagan (BESc Mechanical Engineering ’96) through Foundation Western.

Value: 1 at \$2,000
Effective: May 2006

This award is offered through the Ontario Student Opportunity Trust Fund (OSOTF) program, and recipients of this award must meet Ontario residency requirements.

7. **Correction to Calendar Copy for Post-Degree Modules: Bachelor Degree (Four-Year)**

Students may upgrade to a Bachelor Degree (Four-Year) from either a Three or Four-Year degree. The change highlighted below corrects an omission to the calendar copy (p. 28 of the 2006 academic calendar).

Bachelor Degree (Four-Year)

Students may upgrade to a Bachelor Degree (Four-Year) in one of two ways:

i) They may upgrade their Major or Minor module(s) in a Bachelor Degree (Three-Year) to a Specialization module or double Major modules.

OR

ii) They may upgrade to a Bachelor Degree (Four-Year) by taking a different Major module, double Major modules or Specialization module.

All students must complete all outstanding degree requirements for the Bachelor Degree (Four -Year) in addition to meeting the specific requirements of the module(s).

The following regulations apply to previous University of Western Ontario graduates and graduates of other accredited universities:

a) **Graduates of The University of Western Ontario**

Students who have completed either a Bachelor degree (Three-Year) or a Bachelor degree (Four-Year) at The University of Western Ontario may apply to upgrade to a Bachelor degree (Four-Year) at the discretion of the department(s) and Faculty concerned. Students must consult the appropriate department(s) or Faculty for assessment of their transcript. At least 5.0 senior courses must be taken and successfully completed at The University of Western Ontario. The majority of the courses for the new modules must be completed through the course offerings of The University of Western Ontario.

b) **Graduates of Other Accredited Universities**

Students who have completed the equivalent of a Bachelor Degree (Three-Year or Four-Year) at another accredited university must apply for admission to The University of Western Ontario as a Special Student and then follow the procedure outlined in part “a” above to request a second Bachelor degree (Four-Year). These students also must meet The University of Western Ontario residency requirements by taking and successfully completing a minimum of 10.0 courses at The University of Western Ontario including all of the required courses for the module(s) chosen.

Notes:

Students applying to upgrade their previous degree conferred under the “old” University of Western Ontario regulations should consult their Faculty regarding permissible upgrades.

Students whose previous degree is a professional degree (BA Honors Business Administration, BESC, BFA, BMus, BMusA, BA(HEc), BSc(HEc), BSW(Hons), DDS, LLB, MD, MDiv, MTS) should consult the “Sequential Degree” section for information.

8. **Faculty of Graduate Studies Implementation Plan for Renumbering Courses**

The Implementation Plan outlined below was approved by SCAPA on April 12th and will be posted on the Subcommittee on Renumbering Courses website <http://www.uwo.ca/univsec/SURC/> until implementation of the course renumbering plan is complete in March 2008.