REPORT OF THE SENATE COMMITTEE ON ACADEMIC POLICY AND AWARDS

(SCAPA)

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FOR APPROVAL

1. **Faculty of Arts and Humanities: Introduction of a Minor in Medieval Studies and "Medieval Studies" as a Course Designation**

Recommended: That a Minor in Medieval Studies, and the new course designation "Medieval Studies," be introduced in the Faculty of Arts and Humanities, effective September 1, 2012.

REVISED CALENDAR COPY
http://www.westerncalendar.uwo.ca/2012/pg882.html

Add "Medieval Studies" to the list of undergraduate course designations.

NEW CALENDAR COPY
http://www.westerncalendar.uwo.ca/2012/pg162.html

Add "Medieval Studies" to the list of departments/programs in the Faculty of Arts and Humanities.

MINOR IN MEDIEVAL STUDIES

Admission Requirements
Completion of first-year requirements, including 1.0 course from Medieval Studies 1020E or both of 1025F/G and 1026F/G, with a mark of at least 60%. Students should consult with the Academic Counselling Office of the Faculty of Arts and Humanities prior to admission.

Module
4.0 courses:
1.0 course from: History 2405E, 2606E, 2607F/G, 2809E, 2173, 2401E, 3605E; Music 3700A/B; Philosophy 2006, 2201F/G, 2205W/X, 3012F/G, 3014F/G; Religious Studies 2204F/G, Visual Arts History 2251E, 2253E, 2254F/G, 2255F/G
1.0 course from: Comparative Literature and Culture 2236F/G (or German 3300F/G), 2285F/G, 3333F/G, 3334F/G, 3335F/G, 3380F/G; English 2420E, 3012, 3114E; French 3540F/G, 3541F/G, 3542F/G; Spanish 3320F/G
2.0 courses from: Additional courses from those listed above or senior-level courses in Medieval Studies on an approved list*, or Latin 2000** (1.0 of these 2.0 courses may also be taken through study abroad, e.g., at Poitiers for an intensive Latin course, or engaging in a relevant archaeological dig in Europe or the Middle East.)

* The approved list may be found in the Academic Counselling Office in the Faculty of Arts and Humanities.
** Students considering any graduate program in Medieval Studies are encouraged to take at least Latin 2000 as part of their undergraduate degree.

Note: Maximum of 1.0 course may be taken in one subject. Some courses in this module may require prerequisites not required for admission; students are advised to check course prerequisites carefully.

Background:

The Faculty of Arts and Humanities proposes to sponsor an interdisciplinary program in Medieval Studies involving courses in the home faculty as well as in two Affiliated University Colleges (Brescia and King's) and two other faculties (Music and Social Science). Medieval Studies has long been a strength in some departments in the Faculty, but recent hires in Philosophy and Religious Studies mean that an interdisciplinary program can be developed building on strengths across the University. This Minor in Medieval Studies is a first step towards fostering this exciting new complement of faculty and research concerns.

The administration of the Minor will be the responsibility of a steering committee whose membership will be drawn from each department in the Faculty of Arts and Humanities contributing at least 2.0 courses toward the Minor. The staffing of the first-year offerings, the cost of which will be assumed by the department(s) supplying the course instructor(s), and the list of approved courses, will be decided upon

by a steering committee. Counselling will be handled largely by the Academic Counselling Office for the Faculty of Arts and Humanities.

The following three new Medieval Studies courses will support the new Minor in Medieval Studies:

Medieval Studies 1020E: Introduction to Medieval Studies
Medieval Studies 1025F/G: Introduction to Medieval Studies I
Medieval Studies 1026F/G: Introduction to Medieval Studies II

2. **Faculty of Education: Revisions to the Admission Requirements for the Primary/Junior French as a Second Language Program**

Recommended: That the admission requirements for the Primary/Junior French as a Second Language Program be revised as set out below, effective September 1, 2012.

REVISED CALENDAR COPY
http://www.westerncalendar.uwo.ca/2011/pg322.html

ADMISSION REQUIREMENTS
unchanged

Primary/Junior French as a Second Language Program
Applicants must be fluent in French and ***meet all minimum requirements for the P/J program. Admission to the FSL program requires 5.0 (or equivalent) French courses with a 70% average, at least 2.0 of which must be language courses. For those hoping to teach in French-immersion settings, it is desirable to have 1.0 or more courses in French Literature.***

no further changes

Background:

Students admitted to the Junior/Intermediate and Intermediate/Senior programs with French as a teaching subject are required to achieve a minimum 70% average on 5.0 French courses. This amendment will align the admission requirements for all French programs within the BEd.

3. **Faculty of Education: Revision to the English Language Proficiency Requirements for BEd/DipEd Programs**

Recommended: That the English language proficiency requirements for BEd/DipEd programs be revised as set out below, effective September 1, 2012.

REVISED CALENDAR COPY
http://www.westerncalendar.uwo.ca/2011/pg322.html

ADMISSION REQUIREMENTS
unchanged

English Language Proficiency
. . .

ii) TOEFL with a score of 250 computer-based including a minimum score of 55 on the Test of Spoken English (TSE); ~~100~~ ***103*** internet-based including a speaking score of 28 and a writing score of 28;

no further changes

Background:

Graduates of the BEd/DipEd are eligible for certification with the Ontario College of Teachers. This amendment will make the Faculty's requirements equivalent to those of the Ontario College of Teachers and other Ontario Faculties of Education.

4. **Faculties of Science, Social Science and Schulich School of Medicine & Dentistry: Withdrawal of the Honors Specialization in Physiology and Psychology (BSc) Module**

Recommended: That admission to the Honors Specialization in Physiology and Psychology (BSc) module be discontinued, effective September 1, 2012,

that students enrolled in the module prior to September 1, 2012 be permitted to continue with the understanding that they must complete the requirements of the module prior to August 31, 2016, and,

that the module be withdrawn effective September 1, 2016.

CURRENT CALENDAR COPY
http://www.westerncalendar.uwo.ca/2012/pg750.html

Background:

With the introduction of an Honors Specialization in Neuroscience leading to a BSc degree, the Department of Psychology in the Faculty of Social Science, and the Department of Physiology and Pharmacology in the Schulich School of Medicine & Dentistry, no longer wish to offer an Honors Specialization in Physiology and Psychology. Students who requested registration in Year 2 of that module during the Intent to Register period have been notified that for 2012-13, they should select another module, including the Honors Specialization in Neuroscience, which requires the same first-year courses for admission.

5. **Faculty of Social Science: Introduction of a Specialization in Geography**

Recommended: That a Specialization in Geography be introduced in the Faculty of Social Science, effective September 1, 2012.

NEW CALENDAR COPY
http://www.westerncalendar.uwo.ca/2012/pg816.html

SPECIALIZATION IN GEOGRAPHY

Admission Requirements
Completion of first-year requirements, including 1.0 course from: Geography 1100, 1300A/B, 1400A/B, 1500F/G, 2131 A/B, 2153 A/B (taken after September 2012), or the former Geography 020E, with a mark of at least 60% in each of these courses.

Note: If Geography 2131A/B and 2153A/B are used as the basis of admission, these courses may not be used as part of the module.

Module
9.0 courses:
0.5 course: Geography 2210A/B* (normally taken in Year 2)
2.5 courses: Geography 2220A/B, 2240A/B, 3250A/B or the former 2250A/B, 3000Y, 4000A/B
1.0 course from: Geography 2410A/B, 2411F/G, 2420A/B, 2430A/B, 2450F/G, 2460F/G
1.0 course from: Geography 2310A/B, 2320A/B, 2330A/B, the former 2340A/B
1.0 course from: Geography courses numbered 2000 to 2199
3.0 courses from: Geography at the 2200 level or above, at least 2.0 of which must be at the 3000 level or above

* If an antirequisite statistics course has been taken instead, then an additional 0.5 course in Geography must be taken to make up the 9.0 courses required for the module.

This module may NOT be combined with any other Geography module.

Background:

Adding this new Specialization expands student choice in selecting an appropriate program in Geography. It will encourage enrolment in Geography modules and in 3000-level courses across the Department. The Specialization will permit students who do not achieve Honors standing to shadow the Honors Specialization and graduate with Honors if their grades improve. Conversely, it will allow Honors students to graduate with a Specialization should their marks fall below Honors standing, rather than defaulting to the Major (which currently is their only option). The proposed Specialization is very similar to the Honors Specialization in Geography to maintain the exposure to upper-level Geography courses. The main differences are that the Specialization does not require the upper-year Statistics course and does not recommend the 4900/4901 thesis option. Several Departments in Social Science (Anthropology, Economics, History, Sociology and Women's Studies) have a Specialization, but Geography has not. Therefore, the introduction of the Specialization in Geography is consistent with existing modules in other Social Science departments.

6. **Huron University College: Management and Organizational Studies (MOS): Introduction of an Honors Specialization and a Specialization in Accounting**

Recommended: That, effective September 1, 2012, an Honors Specialization in Accounting and a Specialization in Accounting be introduced in the Management and Organizational Studies (MOS) program at Huron University College.

NEW CALENDAR COPY
http://www.westerncalendar.uwo.ca/2012/pg1108.html

HONORS SPECIALIZATION IN ACCOUNTING

Admission
5.0 first-year courses:
2.0 courses: Business Administration 1220E; Economics 1021A/B, 1022A/B
1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B
0.5 course from: Computer Science 1032A/B; MOS 1033A/B
1.0 course from: Designated essay courses (E or F/G) numbered 1000-1999
0.5 course from: Courses numbered 1000-1999

Module
10.0 courses:
2.0 courses (normally taken in second year): Business Administration 2257; MOS 2181A/B, 2275A/B
0.5 course (normally taken in second year) from: Economics 2122A/B; MOS 2242A/B
4.0 courses (normally taken in third year): MOS 3310A/B, 3320A/B, 3360A/B, 3361A/B, 3362A/B, 3363A/B, 3372
2.5 courses (normally taken in fourth year): MOS 3330A/B, 4410A/B, 4462A/B, 4465A/B, 4466A/B
1.0 course from: Economics 2121A/B; History 2125F/G; Philosophy 2074F/G, 2250, 2700F/G; Political Science 2246E; Speech 2001

SPECIALIZATION IN ACCOUNTING

Admission
5.0 first-year courses:
2.0 courses: Business Administration 1220E; Economics 1021A/B, 1022A/B
1.0 course from: Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B; Mathematics 1225A/B, 1228A/B, 1229A/B, 1600A/B
0.5 course from: Computer Science 1032A/B; MOS 1033A/B
1.0 course from: Designated essay courses (E or F/G) numbered 1000-1999
0.5 course from: Courses numbered 1000-1999

Module
10.0 courses:
2.0 courses (normally taken in second year): Business Administration 2257; MOS 2181A/B, 2275A/B
0.5 course (normally taken in second year) from: Economics 2122A/B; MOS 2242A/B
4.0 courses (normally taken in third year): MOS 3310A/B, 3320A/B 3360A/B, 3361A/B, 3362A/B, 3363A/B, 3372
2.5 courses (normally taken in fourth year): MOS 3330A/B, 4410A/B, 4462A/B, 4465A/B, 4466A/B
1.0 course from: Economics 2121A/B; History 2125F/G; Philosophy 2074F/G, 2250, 2700F/G; Political Science 2246E; Speech 2001

Background:

Introduction of these modules is prompted by: changes to MOS modules in the Faculty of Social Science on Main Campus and at the other Affiliates in response to the Strategic Plan for MOS; the 2009-10 External Review of MOS at Huron University College; and the development of a new Academic Plan for the Faculty of Arts and Social Science at Huron. Introduction of the modules would also allow for changes to the existing Finance and Administration modules to better delineate the two streams and provide greater clarity to students, allowing them to better plan their course selections.

7. **School of Graduate and Postdoctoral Studies: Introduction of the Professional Master of Science (MSc) Program in Clinical Medical Biophysics**

Recommended: That pending Quality Council approval, the professional Master of Science (MSc) in Clinical Medical Biophysics program be introduced in the School of Graduate and Postdoctoral Studies as set out in **Appendix 1,** effective May 1, 2012.

Background:

This program proposal is directed at graduate students interested in clinical physics careers. Professional certification for clinical physicists is obtained from the American Board of Radiology (ABR) in the US, and the Canadian College of Physicists in Medicine (CCPM) in Canada. Clinical physics training is comprised of PhD graduate training, followed by a two-year residency. Over the next decade, ABR and CCPM are phasing in accreditation requirements for graduate school and residencies, and setting policies to allow only graduates from accredited training programs to write College membership exams. Ultimately, many American states (and perhaps Canadian provinces) will require that only college-certified Clinical Physicists be hired in the hospital sector.

Western and the London hospitals have trained over two generations of clinical physicists and run one of the largest training programs in North America. The Medical Biophysics graduate program received accreditation in August 2010. The proposed MSc in Clinical Medical Biophysics is course-intensive and does not include a research-based thesis.

8. **School of Graduate and Postdoctoral Studies: Revisions to the PhD in Music (Music Education)**

Recommended: That effective May 1, 2012, the current PhD in Music (Music Education) be revised to streamline program requirements and to introduce two required courses and a new (elective) PhD Independent Reading and Research Course, as outlined in the table below.

Background:

The proposed modifications:

- Streamline the requirements for the PhD in Music (Music Education). It has been closely modeled on the PhD in Education Studies.
- Reshape the program to introduce two required courses designed to build a doctoral student community in music education and to enable greater interchange of ideas. These modifications will also allow for more efficient teaching of larger numbers of graduate students. The new courses are: *9640* Theories of Music Education (1.0 course), *9639* Research in Music Education (0.5 course) and *9680* Advanced Research Methods (0.5 course).

Students in the program are experienced school teachers who take a leave or change career to enter the PhD in Music (Music Education). Due to their extensive experience they are able to progress through their studies more rapidly than what the current requirements allow. The introduction of two new compulsory courses will enable students to benefit from larger group classes and to have contact with more of the professors in music education as the courses will be team-taught. One of the new courses, Research in Music Education (9639), will allow students to develop material to present at a music education graduate student round-table research forum to be held bi-monthly.

All current students will be transferred to the new program structure as of May 2012. Students who have completed coursework as of May 1, 2012 will take the new qualifying examination rather than comprehensive examination, directed research courses and area exam.

Comparison between existing program and proposed new program:

Existing program	Proposed new program
6 half-courses	9640 Theories of Music Education - 1.0 course New course
	9639 Research in Music Education - 0.5 course New course
	Two elective courses Two 0.5 courses
	Advanced Research Methods 0.5 course (from any Faculty) New requirement
9600 Comprehensive Written Examination	Qualifying Exam New format, replaces comprehensive exam.
9620 half-course in Directed Research Deleted	
9621 half-course in Directed Research Deleted	
9602 Area Exam Deleted	
9690 Dissertation	9690 Dissertation

REVISED PROGRAM DESCRIPTION

Academic Advisor
Each student is assigned an Academic Advisor who will work with the student to develop a program of study comprised of core (required) courses, elective courses, and other program requirements (i.e., Qualifying Examination and PhD Dissertation).

Course Requirements
9640 Theories of Music Education
9639 Research in Music Education
Two elective half courses in music education
One advanced research methods half course in quantitative, qualitative, historical or philosophical research (from any Faculty, with approval of the Academic Advisor)

9640 Theories of Music Education
This course focuses on the advanced study of enduring questions and current issues in music education. Using a multi-disciplinary approach, students will examine topics from a variety of theoretical perspectives in order to understand, analyze, and evaluate theories of music education. Particular emphasis will be placed on situating theories within their social context.
1.0 course, offered each year.

9639 Research in Music Education
This course reviews issues of theory and methods in music education research. Qualitative, quantitative, historical and philosophical research language, principles, reasoning, and methodologies will be critically examined. Issues of ontology and epistemology will be discussed and critical reflection will be applied to ethical issues latent and explicit within different research paradigms.
0.5 course, offered every fall term.

Elective Courses
Electives must not duplicate courses already completed at the Master's level. These courses may be chosen from the following, with the approval of the Academic Advisor:

- graduate courses offered in the Faculty of Music;
- **9680* PhD Independent Reading & Research (see below)
- Graduate courses in allied disciplines, to a maximum of one full/two half courses or the equivalent, chosen from among the offerings of other graduate programs at the University (subject to regulations of the School of Graduate and Postdoctoral Studies and the approval of those concerned)
- Graduate courses in music education, to a maximum of one full course or equivalent from other accredited institutions

9680 PhD Independent Reading and Research (new 0.5 course)
This course allows students to explore under direction of a faculty supervisor directed readings and study of contemporary theoretical trends and issues, current research methods and findings relevant to areas of special interest not available in other course offerings.
0. 5 course (one term), offered when the student and Academic Advisor agree the student is ready.

Qualifying Examination
Upon successful completion of coursework, candidates will identify a dissertation supervisor and Dissertation Supervisory Committee. The candidate will work with his or her supervisor to complete the qualifying exam.

All candidates are required to submit two qualifying papers *normally completed in one to two terms* following completion of course work. The purpose of the papers is to define the area of future Dissertation research and situate it in the broader context. The papers serve as the qualifying examination.

Paper 1 situates the research area in the literature and develops a rationale for research in this domain.

Paper 2 locates the research within potential methodological frameworks and begins to develop a methodology for the proposed Dissertation research.

Together these papers will provide an opportunity for candidates to bring a variety of theoretical and methodological perspectives to bear on their intended area of research, thereby addressing their potential and readiness to proceed with independent Dissertation research. Papers will be assessed by the Dissertation Supervisory Committee.

Dissertation 9690
Within six months of successful completion of the qualifying papers, candidates must submit a written research proposal to their Dissertation Supervisory Committee and make an oral presentation to the Committee in which the research problem, theoretical framework and methodology are explained and defended satisfactorily. The presentation will be open to all members of graduate faculty and to all graduate students in music education. The Committee must approve both the written proposal and oral presentation before the candidate will be allowed to proceed.

When the Dissertation Supervisory Committee is satisfied with a candidate's written proposal and the oral presentation, and when ethical approval has been granted (where necessary and upon approval of the Associate Dean, Graduate Studies), the candidate will proceed with the research and preparation of the Dissertation under the guidance and review of the Supervisor and the Dissertation Supervisory Committee.

9. **Policy on Adding and Dropping Courses: Revisions to Drop Deadlines for Undergraduate Courses**

Recommended: That Senate approve the revisions to the policy on Adding and Dropping Courses as set out below, effective September 1, 2012.

The current policy is located in the Senate Handbook on Academic and Scholarship Policy at
http://www.uwo.ca/univsec/handbook/regn/adddrop.pdf
and in the Academic Calendar at http://www.westerncalendar.uwo.ca/2012/pg73.html

ADDING AND DROPPING COURSES
Unchanged

TYPE OF COURSE	SESSION	LAST DAY TO ADD Number of business days from and including the start date of the session	LAST DATE OR DAY TO DROP Number of days from and including the start date of the session (or weeks, as noted)
Full (1.0) course	Fall/Winter Intersession Summer Day Summer Evening	7 2 2 5	November 30 8 8 19
First term full (1.0) course	Fall/Winter	7	~~October 15~~ ***November 5***
First term half (0.5) course	Fall/Winter	7	~~October 15~~ ***November 5***
"U" and "V" courses offered by Education	Fall/Winter	7	November 30
First term quarter (0.25) course ("Q" course offered by Education Pre-Service Sept. to Dec.)	Fall/Winter	7	October 15
First term, first quarter "Q" course	Fall/Winter	5	10

First term, second quarter "R" course	Fall/Winter Intersession 6 week Summer Day 3 week Summer Day 6 week Summer Evening	5 2 2 2 5	10 8 4 8 10
Full year half (0.5) course	Fall*/Winter Intersession Summer Day Summer Evening	7 2 2 5	November 30 8 8 19
Second term full (0.5) course	Fall/Winter	7	~~February 15~~ ***March 7***
Second term half (0.5) course	Fall/Winter	7	~~February 15~~ ***March 7***
Second term quarter (0.25) course ("S" course offered by Education Pre-Service Jan. to Apr.)	Fall/Winter	7	February 15
Second term, first quarter "S" course	Fall/Winter	5	10
Second term, second quarter "T" course	Fall/Winter Summer Evening	5 5	10 10

Background:

Currently the deadline to drop an undergraduate first or second term half (0.5) course often occurs before a student has received any significant performance feedback. Extending the last day to drop without academic penalty would allow students to make more informed decisions about their performance in a course before incurring academic penalty.

10. **Introduction of a "Blended Course" Delivery Method for Undergraduate Courses**

Recommended: That a "blended course" delivery method be introduced for undergraduate courses, effective March 1, 2013.

To be added to course policies located at: http://www.uwo.ca/univsec/handbook/regn/coursenumbering.pdf

BLENDED COURSES
Blended courses have both face-to-face and online instruction, as well as on-campus exams. These course offerings are clearly identified by designated section numbers in the undergraduate academic calendar and lecture timetable.

Background:

Currently, undergraduate courses are offered officially in only two categories: in-person and distance studies. Blended or hybrid-style courses are included as in-person which does not accurately reflect how a course is being taught. Introduction of blended courses serves to better inform students in their course selection and personal timetabling activities. In addition, having a formal definition of blended courses simplifies and fulfills reporting requirements for the Ministry of Training, Colleges and Universities (TCU). A comprehensive review of courses scheduled for Summer 2013 and Fall/Winter 2013/14 timetables will be undertaken to identify any courses offered as "blended."

11. **Richard Ivey School of Business and Faculty of Law: Revisions to the HBA/JD Combined Degree Program**

Recommended: That the HBA/JD Combined Degree Program be revised as set out below, effective September 1, 2012.

REVISED CALENDAR COPY
http://www.westerncalendar.uwo.ca/2012/pg520.html

HBA/JD COMBINED DEGREE PROGRAM

Structure of the Program
The combined program is administered on behalf of the Richard Ivey School of Business and the Faculty of Law by the two HBA/JD Program Directors, one of whom is appointed by the Richard Ivey School of Business and the other by the Faculty of Law. ***The combined program allows students to complete both the JD and HBA degrees in six academic years instead of the seven years that would be required if the degrees were taken separately.***

Students are registered in the combined program for Years Four to Six. Below is a brief outline of the program by year. The specifics may change as courses change in each faculty. It is assumed that students do not take more than two years of course work prior to beginning HBA1; however, it is possible to undertake the combined program with more than ten credits prior to HBA1.

Admission to the Combined Program
Students must apply to the Faculty of Law for admission to the combined program. They may apply after they have been admitted to the HBA program until May 1 following completion of HBA1. Early applicants may be granted conditional admission. ~~All applicants must meet Faculty of Law admission requirements~~. ***To be eligible for the combined program, students must have a cumulative, weighted average of 80.0% in HBA1. In addition, candidates must meet the minimum LSAT requirement established by the Faculty of Law Admissions Committee.***

Entrance into the combined degree program is competitive and limited. Meeting the minimum requirements does not guarantee a position in the combined program.

Years One and Two
All students must complete at least two years of full-time university courses obtaining 10**.0** ~~full~~ credits. Students may take a wide variety of courses in any faculty. ~~and are discouraged from taking a business or commerce program~~. However, they must take Business Administration 2257.

Year Three
All students ~~must take the HBA1 year in Year Three.~~ ***will take: Business Administration 3300K, 3301K, 3302K, 3303K, 3304K, 3307K, 3311K, 3316K, 3321K, 3322K, 3323K.***

No substitutes for any of the above courses are permitted under any circumstances.

Year Four - Combined Program
All students must take first-year Law in Year Four. They may not take any business ***or outside*** courses during this year.

Years Five and Six - Combined Program
Students will take an approved mix of required and elective courses from both Faculties in these years. ~~In the HBA Program, students must take all HBA2 core required courses including Business Administration 4430/Business Administration 4410 plus two half course equivalent Business electives.~~

Students must take:

(i) International Perspective Requirement: Business Administration 4505A/B.

(ii) Corporations and Society Perspective Requirement: at least 0.5 course from Business Administration 4521A/B, 4522A/B, 4523A/B or another business elective as determined and approved by the HBA Program Director as satisfying this requirement.

(iii) Applied Project Requirement: at least one of Business Administration 4430 or 4410 (1.0 course).

(iv) 1.0 elective course chosen from 4000-level Business courses.

Students must take courses in Law totaling 45 credit hours. These courses must include the two compulsory upper-year courses, at least three core-group courses, and a course requiring a written essay worth at least two credit hours.

Students' choices of elective courses are subject to the approval of the Program Directors who must review proposed elective course selections to ensure that the objectives of the program are met. The elective courses may not include introductory courses of a dual law and business nature such as Law and Accounting or Business Law.

Exchange Programs
~~Students enrolled~~ With advanced planning, students in ~~this~~ the combined program may be eligible ~~for~~ to participate in one exchange ~~programs through either faculty~~ ***term in an academic exchange program*** in Year ***Five or*** Six. ***Interested students must discuss exchange options with the HBA Program Office and with the Faculty of Law's International Program Office.*** The student must satisfy both Program Directors that his or her course load is balanced appropriately before permission will be given to participate in an exchange program.

Progression Standards
~~Students in this combined program must meet the following progression standards. Students enrolled in first-year HBA (Year Three) must attain a standing in the top half of the HBA1 Class. Students enrolled in first year Law (Year Four) must attain a standing in the top half of the Law first year class. In Years Five and Six.~~ ***Once admitted to the combined program,*** students must attain a minimum weighted average of 75% in their 4000-level HBA courses and a B average in their Law courses.

Failure to Meet Progression Standards
A student who fails to meet the ***combined*** progression standards in any year must withdraw from the combined program. However, ~~a~~ ***if that*** student ~~who~~ has met the progression standards of either the HBA or Law program***, he or she*** will be allowed to proceed to the next year of that program. If ***that student has satisfied*** the progression standards of both individual programs ~~have been satisfied,~~ the student may continue in either program and may petition the School or Faculty whose program was not selected for permission to complete that program at a later date. A student who is required to withdraw from the combined program, and wishes to pursue either or both of the individual programs, must complete all the degree requirements of the individual program or programs in order to graduate from that~~/those~~ program ***or those programs.***

Dean's Honor List
At the Richard Ivey School of Business, students are considered for the Dean's Honor List during their first year of HBA. Students enrolled in Years ~~4~~ ***Five*** and ~~5~~ ***Six*** of the combined degree program are considered for the Dean's Honor List in Year ~~5~~ ***Six*** only. Only grades obtained in 4000-level Business courses will be used in calculating averages for the purpose of determination of Dean's Honor List standing. The Dean's Honor List for HBA2 typically includes the top 25% of all of HBA2 and is determined by vote of the teaching faculty. Courses taken outside the Business School are excluded. Calculations for Ivey Scholar and Gold Medals are completed in the same way.

A student who takes Law courses totaling at least 12 credit hours in each of Years Five and Six of the combined program is considered for the Dean's Honor List at the Faculty of Law in that year on the basis of those courses.

Graduation with Distinction
Eligibility to graduate "with distinction" for each degree is determined by each Faculty.

Gold Medal
Students in the combined program are eligible to be considered for the Gold Medal in either or both degree programs, along with other eligible graduating students in those programs, as determined by the requirements in the Faculty of Law or the Richard Ivey School of Business.

Fees
Students pay the prevailing fees as determined by the University policy on combined programs. Contact the Office of the Registrar, Western Student Services building, ~~R~~room 1120, 519-661-2100, or at www.registrar.uwo.ca for details.

FOR INFORMATION

12. **Report of the Subcommittee on Program Review – Graduate (SUPR-G): Review of Programs in the Department of Medical Biophysics**

SCAPA has approved on behalf of the Senate the recommendations of the Subcommittee on Program Review – Graduate (SUPR-G) with respect to the review of the MSc and PhD in Medical Biophysics and MSc Clinical Medical Biophysics as detailed in **Appendix 2**.

Background:

The review of graduate programs in the Department of Medical Biophysics took place on December 5-6, 2011. The reviewers undertook the review of the master's and doctoral programs of the Department as well as the new MSc in Clinical Medical Biophysics (Professional Master in Clinical Medical Biophysics) program.

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

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

Marion E. MacLeod Ontario Graduate Scholarship (School of Graduate and Postdoctoral Studies)
Awarded annually to a full-time student in a master's or doctoral graduate program in any faculty who is funded through an Ontario Graduate Scholarship (OGS) or Queen Elizabeth II Graduate Scholarship in Science and Technology (QEGSST), based on academic achievement and research merit. The School of Graduate and Postdoctoral Studies will select the recipient. This scholarship is made possible by a bequest from Marion E. MacLeod (BA'38) with Foundation Western.

Value: 1 at $5,000*
Effective: May 2012 to April 2017 inclusive

** Ontario Graduate Scholarship (OGS/QEGSST) funding ensures a 2:1 match through the Provincial Government, which increases the value of the scholarship to $15,000.*

Helen Fasken Graduate Nursing Bursary (School of Graduate and Postdoctoral Studies, Nursing)
Awarded annually to full-time graduate Nursing students whose studies are focussed on any aspect of long-term care of the elderly and who have demonstrated financial need. Preference will be given to one student studying at the Master's level, and one at the Doctoral level. An application form outlining both financial need and involvement in studies related to the long-term care of the elderly, must be completed by August 1. This application form is available online through the School of Nursing Graduate Program Web site. The Scholarships and Awards Committee in Nursing will select the recipients in consultation with at least one faculty member who holds membership in the School of Graduate and Postdoctoral Studies. These bursaries were established by a bequest with Foundation Western by Helen Fasken (BSc'42, Nursing).

In 1974, Helen was chosen by her colleagues (through the Registered Nurses Association of Ontario) as one of twelve nurses considered "The Most Caring Nurse" in the Province. Many programs, including Well-Baby Clinics, Mental Health services, Immunization programs, Public Health Nursing visits and Home Care were developed in Wellington County with Helen's guidance.

Value: 2 at $2,100
Effective: May 2012

William C. and Jean Hawke Entrance Scholarship (Any Undergraduate Program)
Awarded annually to a first-year undergraduate student in any program with a minimum 88% final admission average. The Office of the Registrar will select the recipient. This scholarship is made possible by a generous gift from William C. (HBA'52) and Jean (BA'52) Hawke with Foundation Western.

Value: 1 at $1,000
Effective: 2012-2013 academic year

Henning Rasmussen Graduate Bursary (School of Graduate and Postdoctoral Studies, Applied Mathematics)
Awarded annually to a full-time master's or doctoral student who is registered in the Department of Applied Mathematics, based on financial need. Applications are available from the Department of Applied Mathematics and must be submitted by September 30. The recipient will be selected by a committee of faculty members in the Department of Applied Mathematics, with at least one representative who holds membership in the School of Graduate and Postdoctoral Studies. This bursary was established by Ms. Anne Elizabeth Rasmussen in memory of Dr. Henning Rasmussen (BESc'63), an emeritus professor in the Department of Applied Mathematics and Chair of his department from 1992-97.

Value: 1 at $1,000
Effective Date: May 2012
Pioneer Sandy Smibert Award (Faculty of Social Science, History)
Awarded annually to a full-time undergraduate student in third year of an Honors Bachelor degree with either an Honors Specialization in History or a double Major including History. Preference will be given to a student who has successfully completed the mandatory second-year Canadian History course and attained an overall academic average of at least 80%. Candidates must also demonstrate financial need. Online financial need assessment forms are available through the Office of the Registrar's Web site and must be submitted by September 30. Selection of the recipient will be made by the Awards Selection Committee in the History Department after the Office of the Registrar assesses financial need. This award was established by H. Marie Smibert (HBA'40) and is held with Foundation Western.

Value: 1 at $2,000
Effective: 2012-2013 academic year

Norman Craig Brown QC Continuing Bursary in Law (Faculty of Law)
Awarded to a full-time student entering the first year of the Law Program, based on financial need. This bursary will continue into Years 2 and 3 as long as the student progresses and continues to demonstrate financial need each year. The Admission Bursary Application is available through the Office of the Registrar's Web site and is due by April 30. The recipient will be selected by the Office of the Registrar. Only one student can hold this bursary at any one time. If the student fails to retain the bursary for any reason, then a replacement student in the same year will be selected. This bursary was established by Mr. L. Craig Brown, Mrs. Ruth Brown and the Dyer Brown LLP Law Firm in honour of Mr. Norman Craig Brown QC, to recognize his career in law and his commitment to the legal profession.

Value: 1 at $5,000
Effective: 2012-2013 academic year

14. **Schulich School of Medicine and Dentistry: Honors Specialization in Neuroscience as a BSc Degree to be offered by the Schulich School**

In December 2011, Senate approved the introduction of the new Honors Specialization in Neuroscience, leading to a Bachelor of Science in the Schulich School of Medicine & Dentistry. Currently, the Schulich School of Medicine & Dentistry offers the Bachelor of Medical Science (BMSc) jointly with the Faculty of Science. Basic Science departments in the Schulich School of Medicine & Dentistry also offer Bachelor of Science (BSc) programs; however, these degrees can be conferred only through the Faculty of Science or the Faculty of Social Science. The new Honors Specialization in Neuroscience (BSc) is intended to replace the Honors Specialization in Physiology and Psychology (BSc) offered through the Faculty of Social Science. (http://www.westerncalendar.uwo.ca/2012/pg750.html)

Representatives of the Schulich School of Medicine & Dentistry, the Faculty of Science and the Faculty of Social Science have agreed that conferral of this BSc degree by Schulich is on an exceptional basis for graduates of the Honors Specialization in Neuroscience. The other BSc degrees offered by Basic Science departments in Schulich, currently conferred through the Faculty of Science, will continue to be conferred through the Faculty of Science. As described in the original proposal, registration in Year 1 of the Honors Specialization in Neuroscience will normally be in the Faculty of Science. Registration in Years 2 – 4 will be in the Schulich School of Medicine & Dentistry. The Dean's Office in the Faculty of Science will be responsible for Academic Counselling of the students registered in the Honors Specialization in Neuroscience.

REVISED CALENDAR COPY
http://www.westerncalendar.uwo.ca/2012/pg530.html

SCHULICH SCHOOL OF MEDICINE & DENTISTRY
(Table of Academic Administrative positions – unchanged)

MEDICINE

DENTISTRY

BACHELOR OF MEDICAL SCIENCES – UNDERGRADUATE PROGRAM

BACHELOR OF SCIENCE - HONORS SPECIALIZATION IN NEUROSCIENCE
(This link will lead to the New Calendar Copy approved at the December Senate meeting.)

REVISED CALENDAR COPY
(Listing under the Faculty of Science)
http://www.westerncalendar.uwo.ca/2012/pg1613.html

NEUROSCIENCE

HONORS SPECIALIZATION IN NEUROSCIENCE - BSc
(May be completed only within a BSc (Honors) degree offered by the Schulich School of Medicine & Dentistry.)
(This link will lead to the New Calendar Copy approved at the December Senate meeting to be located in the Schulich School of Medicine & Dentistry section of the Calendar.)

REVISED CALENDAR COPY
(Listing under the Faculty of Social Science)
http://www.westerncalendar.uwo.ca/2012/pg1609.html

PSYCHOLOGY

HONORS SPECIALIZATION IN NEUROSCIENCE - BSc
(May be completed only within a BSc (Honors) degree offered by the Schulich School of Medicine & Dentistry.)
(This link will lead to the New Calendar Copy approved at the December Senate meeting to be located in the Schulich School of Medicine & Dentistry section of the Calendar.)

15. **Revision to the Dentistry Sessional Dates**

The sessional dates for Dentistry incorrectly indicated a two-week examination period, instead of the three weeks allowed by the Structure of the Academic Year policy:
http://www.uwo.ca/univsec/handbook/general/structure.pdf

Corrections have been made to the academic calendar as follows:

2012

~~April 30 – May 11~~	Final examinations Year 2, 3 / ITD 1 students
April 30 – May 18	

2013

~~May 6 – 17~~	Final examinations Year 2, 3 / ITD 1 students
May 6 - 24	

MSc in Clinical Medical Biophysics
Accredited by the Commission on Accreditation of Medical Physics Educational Programs (CAMPEP)

INTRODUCTION

Overview of the New Program

Major Objectives: This program proposal is directed at graduate students interested in clinical physics careers. Professional certification for Clinical Physicists is obtained from the American Board of Radiology (ABR) in the US, and the Canadian College of Physicists in Medicine (CCPM) in Canada. Clinical physics training is comprised of PhD graduate training, followed by a two-year Residency. Over the next decade, ABR and CCPM are phasing in accreditation requirements for graduate school and residencies, and setting policies to allow only graduates from accredited training programs to write College membership exams. Ultimately, many American states (and perhaps Canadian provinces) will require by law that only College-certified Clinical Physicists be hired in the hospital sector. To oversee the accreditation process, the professional colleges created the Commission for the Accreditation of Medical Physics Education Programs (CAMPEP. See www.campep.org).

Western and the London hospitals have trained over two generations of Clinical Physicists and run one of the largest training programs in North America. In the past five years, 10 PhD graduates have followed this career path to clinical physics. To maintain this training capability, strategic decisions were made to obtain CAMPEP accreditation of the Residency program at London Regional Cancer Program (LRCP) (accredited in 2006), followed by the Medical Biophysics Graduate Program. Accreditation consists of an external peer-review by an international panel of Clinical Physicists and includes reviewing curriculum and a site visit. The site visit included meetings with UWO Faculty (including Schulich Leadership), and tours of the medical-imaging resources at St Joseph's Health Care/Lawson Research, Robarts Research, and the radiation oncology resources at LRCP. We are pleased to say that the Medical Biophysics graduate program received accreditation in August 2010. Accreditation was based on both the breadth of didactic courses developed (See Section 2.3 / Current and Recent Teaching Assignments) and the strength of the relationship between Western and the London hospitals who employ Clinical Physicists.

The proposed MSc in Clinical Medical Biophysics is course-intensive and does not include a research-based thesis.

Course Curriculum: The MSc in Clinical Medical Biophysics course curriculum conforms to the American Association of Physicists in Medicine (AAPM) Report 79 "Academic Program Recommendations for Graduate Degrees in Medical Physics." Students enrolled in the CAMPEP program will be required to take a total of 6.0 course credits, mostly taught by the Department of Medical Biophysics (extra-departmental courses are Anatomy and Physiology). Students also participate in hospital-based training, where they "shadow" a medical physicist (hospital employee) to observe the operation of a radiology, nuclear medicine, or radiation oncology department, and participate in activities such as radiation dose planning and equipment/procedure quality control.

Goals and Objectives of the program in relation to the Graduate Degree-Level Expectations

a) Depth and Breadth of Knowledge
The course content is designed to comply with the requirements set out in AAPM Report 79 – Academic Program Recommendations for Graduate Degrees in Medical Physics. (AAPM = American Association of Physics in Medicine). This curriculum allows program graduates to qualify for admission to clinical physics residency programs (including the CAMPEP-accredited residency program at LRCP). The curriculum includes broad knowledge of medical imaging and radiation therapy.

b) Research and Scholarship (as appropriate for a professional master's degree)
This program is course-based, and not designed to further research capabilities of students. However, all students seeking entrance to a clinical residency will have to complete a PhD at some point, which will develop their research capabilities. The program can also be delivered as a combined [PhD + MSc in Clinical Medical Biophysics], where the PhD component is the standard Medical Biophysics PhD already approved by Western.

c) Level of Application of Knowledge
The course content described by AAPM 79 (See Section 1.2 (a) Depth and Breadth of Knowledge) is taught at the graduate level only. Preparation for these courses requires a solid undergraduate foundation in physics (which is also a CAMPEP requirement). In addition to the solid course work and assessment plans, students will consolidate their training with practical applications in clinical settings arranged through a Clinical Exposure rotation. This is a 10-hour hospital-based opportunity for students to get hands-on training and apply their knowledge to clinical practice under the supervision of a Clinical Physicist. This multi-pronged approach will provide a powerful training package.

d) Professional Capacity/Autonomy
The curriculum includes a course on ethics, tailored to the needs of medical physicists, which also includes a section on the basics of setting up and running clinical trials. Technical knowledge specific to the requirements of entering a clinical physics residency is provided through the entire course-based curriculum. The 10-hour Clinical Exposure rotation will give students an opportunity to participate in the complex environment of clinical care. Students' technical knowledge and clinical exposure are evaluated in a final (written and oral) Clinical Exam, administered by a panel of Clinical Physicists (See Section 4 / Degree Requirements). It is expected that students will develop an advanced knowledge of clinical physics, as well as skills in clinical reasoning and professionalism.

e) Level of Communication Skills
The curriculum includes a scientific communications course which provides formal training in writing scientific abstracts, preparing scholarship applications and research grant proposals, and making both oral and poster presentations. Further communication skills will be honed via lectures in management, negotiation and conflict resolution through a planned relationship with Western's Ivey School of Business (see Section 3/Professional Development Resources). Professional communication will be assessed in the students' final (oral) Clinical Exam.

f) Awareness of Limits of Knowledge
Students will be exposed to the complexities of professional medical physics and its role in helping delivering multi-disciplinary healthcare through several avenues: (i) their Clinical Exposure rotation, (ii) a guest lecture series wherein guest speakers will include leaders in the medical physics profession, (iii) attending clinical rounds (radiology, nuclear medicine, or radiation oncology), and (iv) attending medical biophysics graduate student seminars.

PROGRAM REGULATIONS AND COURSES

Recruitment Methods: Presently, the accreditation of the Medical Biophysics program is indicated on the CAMPEP website (www.campep.org). This website lists contact information for the program. Future plans include advertising at national meetings (Canadian Organization of Medical Physicists – www.medphys.ca).

Application: The program follows the standards set by the School of Graduate and Postdoctoral Studies (SGPS). In addition to submitting the online application form and arranging for two letters of reference and for transcripts of the academic record as required by the School of Graduate and Postdoctoral Studies, candidates are asked in the online application to describe why they wish to undertake graduate work in clinical physics. The application is then reviewed by the CAMPEP Program Co-Directors, who make the final decision for admission.

Application Deadline: June 1

Admission: To be admitted a student must possess as a minimum an average of 78% over the last two years of an honors program, and have completed a BSc in physics, the physical sciences, or engineering; or have completed a third or fourth-year traditional physics course (such as quantum physics, electromagnetic theory, classical mechanics, etc…).

Initial Registration: All students in this program will be registered as MSc students. Students in the combined [PhD + MSc in Clinical Medical Biophysics] program will be registered as PhD students for the research-thesis training, and as MSc in Clinical Medical Biophysics students for one year (during their course-based training). For students already enrolled in a PhD who wish to enter into the combined [PhD + MSc in Clinical Medical Biophysics]: Candidates must select the CAMPEP Option no later than the start of their second year in the PhD program, provided that the student has the physics pre-requisites. In this case, the candidate's request is evaluated first by his or her advisory committee. If the advisory

committee approves, the request and letter of support from the advisory committee are then transferred to the CAMPEP program director.

The decision to accept the student into the CAMPEP Option is based upon whether: (i) the current supervisor and advisory committee believe the candidate can maintain significant research productivity despite an increased clinical and course workload, (ii) adequate resources (e.g., clinical supervision, space, equipment) are available, as determined by the CAMPEP program director, and (iii) the candidate can realistically make up for missed graduate courses or Clinical Exposure opportunities. Students selecting the CAMPEP Option after 1-3 terms in the graduate program will have their initial time counted as part of the five years allowed to complete a [PhD + MSc in Clinical Medical Biophysics]. MSc students selecting the CAMPEP Option will need to reclassify successfully to the PhD if they select a combined [PhD + MSc in Clinical Medical Biophysics]. A candidate may drop the CAMPEP Option, but this must be done in consultation with the candidate's advisory committee and the CAMPEP program's leadership.

Degree Requirements

Course Requirements: MSc in Clinical Medical Biophysics students are required to complete courses worth a total of 6.0 weights. The content of these courses meets the requirements of AAPM Report 79 (see Section 1.2 / Depth and Breadth of Knowledge). AAPM Report 79 specifies total technical content, but does not specify how that content should be divided among courses at a particular university. For Western's program, the distribution of the content into specific courses was done during the CAMPEP accreditation proves, in consultation with the external reviewers and the Medical Biophysics faculty. In most cases, the required technical content was already present across the courses. However, a few courses needed some augmentation of content to which course instructors have agreed.

Clinical Exam: The candidate is examined using a written and oral exam based on the CCPM Membership examination. Candidates will have gained the necessary knowledge through didactic courses in their Clinical Exposure Rotation and are free to consult with CAMPEP faculty and other students in preparing for this exam. The oral component of the exam will be approximately one hour in length and will be conducted by a panel of Clinical Physicists (who are Medical Biophysics faculty members) assigned on an ad hoc basis. The written component will also be one hour in length. Combined [PhD + MSc in Clinical Medical Biophysics] students must also fulfil the requirements of the Medical Biophysics PhD program, as approved by Western.

Language Requirements: Since graduate students most often work as a member of a research team, language skills are essential. Foreign students are required to have a TOEFL iBT score of at least 92. Exceptional students who do not meet this requirement may be given the opportunity to volunteer in a research laboratory prior to enrolment while taking English language instruction.

Progression Requirements: Performance in individual courses is assessed by course instructors. Performance in the Clinical Experience rotations is assessed by the Clinical Physicist to whom the student is assigned. Performance in the Clinical Exams is evaluated by a panel of Clinical Physicists. To complete the program, the student must pass all course work, complete the Clinical Exposure Rotation, and pass the Clinical Exam.

The MSc in Clinical Medical Biophysics program is not available to students in part-time studies.

All graduate courses offered in the program:
In the table below: all students must take the compulsory core courses and then select either the imaging sciences or radiation therapy in which to specialize. These two specialties were designated during the CAMPEP accreditation process (external peer-review).

Graduate Courses to be Offered by the Program			
Weight	**Course**	**Faculty member(s) expected to teach the course**	**Frequency of course**
COMPULSORY CORE (All students)			
N/A	Radiation and Lab Safety Orientation	University, Hospitals, Institutes	Annually
0.5	Radiological Physics and Dosimetry (P9655A)	Eugene Wong FCCPM	Bi-Annually
0.5	Radiation Biology (9567B)	Jerry Battista FCCPM	Annually
0.5	Basic Anatomy (e.g., ACB 3319)	External	Annually
0.5	Basic Physiology (e.g., Phys 2130)	External	Annually
0.5	Inferencing from Data Analysis (9522)	Yves Bureau	Annually
0.5	Research Ethics & Biostatistics (Web course)	External (J Williams)	Annually
0.5	Medical Imaging Biophysics (9515A)	Maria Drangova	Annually
0.5	Scientific Communication (9513Y)	Terry Thompson	Annually
IMAGING SCIENCES – COMPULSORY ELECTIVES (Select a weight of 2.0 from the following)			
0.5	Introductory Medical Imaging (9503)	Jim Lacefield, David Holdsworth, Paula Foster, Greg Marsh	Annually
0.5	Practical Medical Physics Lab (9520Y)	David Holdsworth	Annually
0.5	Imaging Principles (9516Y)	Ian Cunningham FCCPM & Ting Lee FCCPM	Annually
0.5	MRI Physics 9663	Robert Bartha	Annually
0.5	Conceptual MRI 9650	Charles McKenzie	Annually
0.5	Nuclear Magnetic Resonance 9662	Blaine Chronik	Annually
0.5	Advanced MRI Physics 9665*	Jean Theberge MCCPM	Annually
1.0	Practical Nuclear Medicine Physics (9570/80*)	Robert Stodilka MCCPM	Annually
RADIATION THERAPY – COMPULSORY ELECTIVES (Select a weight of 2.0 from the following)			
1.0 1.0	Practical Radiotherapy Physics (9570/80*) To be chosen from Imaging Sciences Electives (above)	LRCP Clinical Physicists F/MCCPM	Annually

* Indicates course in development

Final Assessment Report
Submitted by SUPR-G to SCAPA

Program:	**Medical Biophysics**
Degrees Offered:	MSc and PhD
Approved Fields:	1. Imaging 2. Microcirculation, Hemodynamics and Cellular Biophysics 3. Biomechanics and Biomaterials 4. Radiobiology and Medical Physics in Cancer Treatment and Research 5. Bioelectromagnetics
Date of Site Visit:	05-06 December 2011
Evaluation:	*Good Quality*

Summary: The Medical Biophysics department has a well established graduate program which offers a rich and diverse variety of research opportunities leading to a wide range of career paths. It is unique in Canada and the Research Institutes play a key role in the graduate program by providing different research cultures, privileged access to world class leading edge research equipment and enabling translational research with clinical studies on patient populations. The program is research intensive with few required courses, but with a very strong comprehensive exam process. The flagship area of the program is the imaging research group which makes up over half the faculty and supervises well over half of the graduate student population. This creates a challenge for other areas of the program, for example those located in the Schulich core. Thus, research integration across the program and logistics associated with geographic spread across London add to this challenge. A more aggressive and targeted recruitment strategy might improve this situation and more international students could be admitted to the program. Overall, the program is strong and no major concerns were identified.

Recommendation:	Responsibility
More aggressive targeted recruiting to fields other than imaging	Grad Chair, Grad Council, faculty members
Monitor closely long-term viability of the Microcirc. Hemodyn. & Cellular Biophysics field in relation to expected retirements	Dept. Chair and Dean
Improve student cohesiveness and academic community across the research locations, including establishing a Grad Student Council committee	Grad Chair and Grad Council
Enhance Grad Council by Including Grad Student reps and reps from each research institute	Grad Chair
Consider the need for increased staff support for the program, possibly increasing from the current 1.5 FTE to 2.0 FTE	Grad Chair, Department Chair

Final Assessment Report
Submitted by SUPR-G to SCAPA

Program:	**Professional Master in Clinical Medical Biophysics**
Degrees Offered:	MSc Clinical Medical Biophysics
Approved Fields:	The Program has no fields
Date of Site Visit:	05-06 December 2011
Evaluation:	*Approved to commence*

Summary:
For a clinical medical physicist (after the PhD) a residency program is required followed by taking the board exams of the Canadian Curriculum for Physics in Medicine (CCPM). Medical physicists who work in radiation therapy and diagnostic imaging units in cancer centres and hospitals in Canada are required to obtain CCPM certification. CAMPEP (Commission on Accreditation of Medical Physics Educational Programs - for all North America) introduced the concept of a one year accredited program, delivered at the graduate level, which is designed to enable individuals with a PhD in Physics to meet the didactic requirements needed to enter a medical physics residency program. Western Medical Biophysics received CAMPEP accreditation for a graduate curriculum in 2010. The intent is to offer the clinical program in combination with the PhD program (PhD program + 1 year clinical masters), with an anticipated enrolment of 6 students per year. The option also exists for students to complete only the 1 year clinical masters.

Recommendation:	Responsibility
Monitor the impact of the MSc courseload on the research productivity / progress of students in the combined MSc + PhD program	Graduate Chair