



**FACULTY OF MEDICINE
EQUIVALENCY COMMITTEE REPORT #2
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INTRODUCTION

This report contains Appendices 1, 2, 3 referenced in the May 1, 1996 report from this committee and Appendix 4. The Appendices include details of teaching activities and equivalency values for the majority of courses and teaching categories within the Divisions of Basic Medical Sciences and Community Medicine. We have been unable to determine equivalency for some teaching activities which are listed along with an explanation in Appendix 4. With few exceptions, equivalency values were calculated only for courses taught in the last year.

We recommend that course equivalence be determined for each of the remaining courses when they are offered.

In addition to MED courses, we have calculated the equivalencies for PHM 3101, PHM 3105, STT 6560 and BCH 311A/B (MED 310A/B). These courses are taught and administered exclusively by members of the Faculty of Medicine.

We recommend that these courses be assigned our equivalency values.

Finally, there are a number of teaching-related activities that we have considered to be part of academic service as opposed to teaching and that contribute to the high level of academic service (30% of time commitment) required within the Faculty of Medicine.

Examples include:

- Admissions Committee
- Year Coordinator
- Promotions Committee
- Community Education
- Program Coordinator
- Year Committee

COMMENTS

It was noted by the committee that individual teaching loads vary from year to year. This can be attributed to the dynamic nature of teaching and course offerings in the Faculty of Medicine, particularly in the graduate programs. In addition, many time-consuming responsibilities, such as course coordination, rotate between faculty members on a regular basis. If information in this report is used to assess teaching loads for planning purposes, it will be important to take this into consideration.

Most MED courses are team-taught and therefore the entire equivalence value for these courses cannot be credited to one individual faculty member. However, it would be inaccurate to use scheduled contact hours to prorate the equivalency value because the course equivalence was calculated using a combination of contact and non-contact hours, the ratio of which can vary depending on the teaching activity.

Appendix 1

TEACHING ACTIVITIES

The following are activities which are considered to be part of teaching responsibilities within the Faculty of Medicine.

- Lectures
- Small Group Discussions
- Tutorials
- Laboratories
- Demonstrations
- Seminars
- Consultations
- Invigilation
- Examination/Evaluation
- Attendance
- Curriculum Development

Each teaching activity listed above may be take place within a scheduled course (as listed in Appendix 2) or outside of a scheduled course (as listed in Appendix 3 and below).

Non-scheduled teaching falls within one of the following categories¹:

- Student Supervision
 - Honours
 - MUCEP
 - Summer
 - Special Topics
 - Clerks
 - M.Sc.
 - Ph.D.
 - Residents
- Examinations
 - M. Sc. thesis
 - Ph. D. thesis
 - Ph.D. comprehensive
 - Post-graduate examinations
- All Day Teaching Sessions
- Graduate student supervisory committee member
- Participation in journal clubs
- Seminars

¹Our data showed that faculty members also spend many hours engaged in student consultation that does not fall into any of the above categories. This has not been incorporated into our report because of the variable nature of this activity, but should be considered part of teaching commitments.

Appendix 2

EQUIVALENCY VALUES FOR SCHEDULED COURSES

The equivalency values listed below were calculated according to the formula:

$$(\text{CONTACT HOURS} + \text{NON-CONTACT HOURS})/140$$

where the numerator represents the total number of hours (contact and non-contact) for the course and 140 represents the number of hours required to teach a 'standard' course, as defined in the May 1, 1996 report from this committee.

COURSE		COURSE EQUIVALENCE
MED 3000	BIOCHEMISTRY	1.5
MED 3010	PHYSIOLOGY OF EXCITABLE TISSUES	1.7
MED 310A/B	HUMAN PHYSIOLOGY	7.2
(=BCH 311A/B)		
MED 3011	SYSTEMS PHYSIOLOGY	4.7
MED 3021	IMMUNOLOGY	2.9
MED 3023	CELL BIOLOGY & GENETICS	2.8
MED 3040	COMMUNITY MEDICINE	4.6
MED 3050	SPECIAL TOPICS	see Appendix 3
MED 3060	ANATOMY	8.6
MED 3080	MICROBIOLOGY	2.0
MED 3090	PHARMACOLOGY	0.6
MED 4000	BODY SYSTEMS	31.5
MED 4300	PHARMACOLOGY	2.1
MED 6127	IMMUNOLOGY I	2.3
MED 6128	IMMUNOLOGY II	2.1
MED 6141	CARDIOVASCULAR/RENAL	1.3
MED 6193	ADVANCED TOPICS IN NEUROSCIENCE	1.6
MED 6200	DESIGN & ANALYSIS	2.3
MED 6220	PUBLIC HEALTH	2.6
MED 6270	EPIDEMIOLOGY	2.9
MED 6590	MOLECULAR BIOLOGY I	2.1
MED 6591	MOLECULAR BIOLOGY II	1.9
STT 6560	CONTINUOUS MULTIVARIATE ANALYSIS	2.1
PHM 3101	ANATOMY	1.7
PHM 3105	IMMUNOLOGY	1.5

The large variation in the course equivalences listed above is a reflection of the fact that MED courses vary in length. For example, MED 4000 runs over 125 teaching days, comprising approximately 90% of the second year curriculum. Alternatively, MED 3090 is offered on 11 teaching days and represents less than 2% of the first year curriculum.

Appendix 3

EQUIVALENCY VALUES FOR NON-SCHEDULED TEACHING ACTIVITIES

The equivalency values listed below were calculated according to the formula:

$$\text{MEDIAN (CONTACT HOURS + NON-CONTACT HOURS)/140}$$

where the numerator represents the median value for the number of hours (contact and non-contact) required for each activity and 140 represents the number of hours required to teach a 'standard' course, as defined in the May 1, 1996 report from this committee.

TEACHING CATEGORY	COURSE EQUIVALENCE
Student Supervision	
Honours	0.50 per student
MUCEP	0.10 per student
Summer	0.27 per student
Special Topics (MED 3050)	0.17 per student
Clerks	TBD ¹
M.Sc. (Community Medicine) ²	TBD
M.Sc. (Basic Medical Sciences)	1.65 per student per annum
Ph.D. (Basic Medical Sciences)	1.65 per student per annum
Residents	TBD
Examinations	
M. Sc. thesis	0.16 per thesis
Ph. D. thesis	0.30 per thesis
Ph.D. comprehensive	0.08 per exam
Post-graduate examinations	TBD
All Day Teaching Sessions	0.09 per annum
Graduate student supervisory committee member	TBD
Participation in journal clubs	0.09 per semester
Seminars	0.07 per seminar

¹To be determined

² A separate course equivalence will be determined for graduate student supervision in the Division of Community Medicine because the reported time commitment was significantly different from that for the Division of Basic Medical Sciences.

Appendix 4

COURSES AND TEACHING ACTIVITIES NOT ASSIGNED AN EQUIVALENCY VALUE

Equivalency was not determined for courses or programs where teaching by bargaining unit members is minimal or non-existent.

These include:

The Clerkship and Residency programs

Continuing Medical Education

MED 3110	CLINICAL SKILLS
MED 3100	PATHOLOGY
MED 3120	HEMATOLOGY
MED 4090	CLINICAL SKILLS
MED 4301	GENERAL PHARMACOLOGY
MED 5010	ELECTIVES
MED 5030	CLINICAL SKILLS
MED 5000	INTEGRATED STUDY OF DISEASE

The following is a list of courses for which there was insufficient data available to calculate equivalency. Most of these courses are taught by members of the Divisions of Basic Medical Sciences or Community Medicine but we were unable to calculate the equivalency value because either they were not offered in the past year or because the format and scheduled hours is highly variable.

MED 6060	MED 6070	MED 6110-6119	MED 6130
MED 6140	MED 6142	MED 6143	MED 6144
MED 6170	MED 6171	MED 6180	MED 6190
MED 6192	MED 6193	MED 6194	MED 6195
MED 6210	MED 6250	MED 6255	MED 6260
MED 6350	MED 6360	MED 6390	MED 6420
MED 6430	MED 6460	MED 6480	MED 6490
MED 6500	MED 6510	MED 6530	MED 6580
MED 6593			

In addition, TOX 6670, TOX 6680, TOX 6690 are courses organized in conjunction with the Faculty of Medicine and are part of a multidisciplinary Toxicology program; input from other departments is required before assigning equivalency values to these courses.