

Graduate Calendar

2016 - 2017



**BRANDON
UNIVERSITY**

Brandon, Manitoba, Canada R7A 6A9

Telephone: (204) 728-9520

FAX: (204) 726-4573

Web Site: www.brandonu.ca

BRANDON UNIVERSITY COAT OF ARMS



In 1948 a committee was appointed to design and approve a Coat of Arms for Brandon College. The official statement of the Arms is:

Argent, on a chevron of azure an antique lamp or, between in chief two open books, and in base a garb, all proper. Crest --- A Phoenix sable, armed gules, issuant from flames of fire proper.

Taken from Ephesians IV:15, the motto "Aletheuontes de en Agape" means "Speaking the truth in love".

In 1971 the University Registrar composed the following description of the Coat of Arms: "The Coat of Arms represents the three-fold nature of man: spiritual, mental and physical, crowned with the blessing of everlasting life. The wheat sheaf represents the material blessings, which God has given us in body and estate. The two open books represent the learning and arts of mankind. The Phoenix is a mythical bird fabled to be the only one of its kind which lived for five or six hundred years in the Arabian desert, after which it burned itself to ashes in a funeral pyre and emerged from the ashes with renewed life to live through another cycle of years. The Phoenix therefore, represents immortality."

STATEMENT OF RESPONSIBILITY

Brandon University makes every endeavor to ensure that registration and course information contained in this calendar is accurate at the time of publication, but it is possible that errors may occur. Students are advised to verify the accuracy of all information that pertains to their situation.

Brandon University reserves the right to change, without prior notice, any information contained in this calendar, including admission regulations, course information, as well as program and degree requirements. Any such changes will be posted to the Course Calendar section of the Brandon University website. Not all courses (or programs) listed in this calendar may be offered in the academic year governed by this calendar.

No liability shall be occurred by Brandon University for the loss or damage suffered by any student or third party as a result of delays in or termination of services, courses or classes by reason of: acts of God, fire, flood, riots, war, strikes, lock-outs, damage to University property, financial exigency, or happenings or occurrences beyond reasonable control of the University. The University hereby disclaims liability to any person who may suffer loss as a result of reliance upon any information contained in this calendar.

STATISTICS CANADA - PRIVACY STATEMENT

NOTIFICATION OF DISCLOSURE OF PERSONAL INFORMATION TO STATISTICS CANADA

Statistics Canada is the national statistical agency. As such, Statistics Canada carries out hundreds of surveys each year on a wide range of matters, including education.

It is essential to be able to follow students across time and institutions to understand, for example, the factors affecting enrolment demand at post-secondary institutions. The increased emphasis on accountability for public investment means that it is also important to understand 'outcomes'. In order to carry out such studies, Statistics Canada asks all colleges and universities to provide data on students and graduates. Institutions collect and provide to Statistics Canada student identification information (student's name, student ID number, Social Insurance Number), student contact information (address and telephone number), student demographic characteristics, enrolment information, previous education, and labour force activity.

The Federal Statistics Act provides the legal authority for Statistics Canada to obtain access to personal information held by educational institutions. This information may be used only for statistical purposes, and the confidentiality provisions of the Statistics Act prevent the information from being released in any way that would identify the student.

Students who do not wish to have their information used are able to ask Statistics Canada to remove their identification and contact information from the national database. The email address for this request is esis-siae.participation@statcan.ca.

Further information can be obtained from Statistics Canada's website: <http://www.statcan.ca> or by writing to the Post-secondary Section, Centre for Education Statistics, 17th Floor, R.H. Coats Building, Tunney's Pasture, Ottawa, K1A 0T6.

TABLE OF CONTENTS

STATEMENT OF RESPONSIBILITY	2
STATISTICS CANADA - PRIVACY STATEMENT	2
TABLE OF CONTENTS.....	3
SECTION 1. IMPORTANT DATES	7
SECTION 2. ADMISSION REGULATIONS	9
2.1 GRADUATE ADMISSION APPLICATION DEADLINES	9
2.2 ADMISSION CATEGORIES	9
2.2.1 GRADUATE ADMISSION, REGULAR	9
2.2.2 GRADUATE ADMISSION, SPECIAL	9
2.2.3 GRADUATE ADMISSION, CONDITIONAL.....	9
SECTION 3. GENERAL REGULATIONS	10
3.1 STUDENT NUMBERS.....	10
3.2 BRANDON UNIVERSITY IDENTIFICATION CARDS.....	10
3.3 STUDENTS' TRANSCRIPTS.....	10
3.4 REGISTRATION	10
3.4.1 DEFINITION OF FULL-TIME STUDENTS	10
3.4.2 REGISTRATION PROCESS.....	10
3.4.3 DE-REGISTRATION FOR NON-PAYMENT OF FEES.....	11
3.4.4 DEGREE REQUIREMENT SUBSTITUTIONS AND WAIVERS.....	11
3.5 COURSE INFORMATION	11
3.5.1 COURSE NUMBERS	11
3.5.2 COURSE PREREQUISITES.....	11
3.6 CREDIT FROM OTHER SOURCES	11
3.6.1 LETTER OF PERMISSION -- COURSES TAKEN ELSEWHERE	11
3.6.2 TRANSFER OF CREDIT	12
3.6.3 PRIOR LEARNING ASSESSMENT AND RECOGNITION (PLAR).....	12
3.6.4 CANADIAN ARMED FORCES --- RESIDENCE REQUIREMENTS	12
3.6.5 CHALLENGE FOR CREDIT.....	12
3.7 COURSEWORK AND GRADING	13
3.7.1 ATTENDANCE AT LECTURES AND PRACTICAL WORK	13
3.7.2 LETTER GRADE SYSTEM	13
3.7.3 INCOMPLETE TERM WORK	14
3.7.4 REPEATED COURSES	14
3.8 EXAMINATIONS.....	14
3.8.1 DEFERRED EXAMINATIONS.....	14
3.8.2 SPECIAL EXAMINATIONS.....	15
3.9 ACADEMIC DISHONESTY AND MISCONDUCT	15
3.9.1 PENALTIES.....	16
3.9.2 TRANSCRIPT NOTATION	16
3.10 STUDENT APPEAL PROCESS.....	16
3.10.1 GRADE APPEALS	16

TABLE OF CONTENTS

3.10.2	PERFORMANCE APPEALS	16
3.10.3	STUDENT GRIEVANCE PROCEDURES	17
3.11	REQUEST FOR PROGRAM EXTENSION	17
3.12	GRADUATION	17
3.12.1	APPLICATION FOR GRADUATION	17
3.12.2	GRADUATION REQUIREMENTS	17
3.12.3	ACADEMIC DRESS	17
SECTION 4.	FEE REGULATIONS	18
4.1	GENERAL INFORMATION	18
4.2	REQUIRED FEES	18
4.2.1	APPLICATION FEE	18
4.2.2	TUITION AND RELATED FEES	18
4.2.3	BRANDON UNIVERSITY STUDENTS' UNION INC. FEE	18
4.2.4	GRADUATE CONTINUING REGISTRATION FEE	18
4.2.5	GRADUATE REINSTATEMENT FEE	18
4.3	PAYMENT OF FEES	18
4.4.1	NON-PAYMENT OF FEES	18
4.4.2	REINSTATEMENT	18
4.4.3	INCOME TAX RECEIPTS	19
4.5	REFUNDABLE FEES	19
4.6	NON-REFUNDABLE FEES	19
4.7	MISCELLANEOUS FEES	19
4.7.1	LOCKERS	19
4.7.2	PARKING FEES	19
4.7.3	RESIDENCE FEES	19
SECTION 5.	EDUCATION GRADUATE STUDIES	19
5.1	ADMISSIONS REQUIREMENTS	19
5.1.1	ADMISSION, GRADUATE DIPLOMA IN EDUCATION	19
5.1.2	ADMISSION, MASTER OF EDUCATION	19
5.2	MASTER OF EDUCATION DEGREE PROGRAMS	20
5.2.1	PROGRAM REGULATIONS	20
5.2.2	ADMISSION WITH ADVANCED STANDING	20
5.2.3	TRANSFER CREDIT	20
5.2.4	ACADEMIC PERFORMANCE REQUIREMENT	20
5.2.5	STUDENT PROGRAM ADVISOR	21
5.2.6	STUDENT ADVISOR: THESIS	21
5.2.7	RESIDENCE REQUIREMENT	21
5.2.8	THESIS REQUIREMENTS AND PROCEDURES	21
5.2.9	STUDENT APPEALS	21
5.3	PROGRAM REQUIREMENTS	21
5.3.1	SPECIALIZATION IN CURRICULUM AND INSTRUCTION	21
5.3.2	SPECIALIZATION IN EDUCATIONAL ADMINISTRATION	23
5.3.3	SPECIALIZATION IN SPECIAL EDUCATION	24

5.3.4	SPECIALIZATION IN GUIDANCE AND COUNSELLING	25
5.3.5	PROGRAM REQUIREMENTS FOR A SECOND MASTER OF EDUCATION DEGREE	27
5.4	COURSE TIMETABLING	27
	COURSE DESCRIPTIONS.....	27
	LEADERSHIP AND ADMINISTRATION (01).....	27
	CURRICULUM FOUNDATIONS (02)	30
	TEACHING AND LEARNING (03).....	33
	EDUCATIONAL PSYCHOLOGY AND STUDENT SERVICES (04)	34
	PHYSICAL EDUCATION (05)	40
	GRADUATE STUDIES AND FIELD RESEARCH (07).....	41
	SECTION 6. MUSIC GRADUATE STUDIES.....	42
6.1	ADMISSION REQUIREMENTS.....	43
6.1.1	ADMISSION, MASTER OF MUSIC.....	43
6.1.2	ADMISSION, MASTER OF MUSIC EDUCATION	43
6.1.3	ADMISSION, MASTER OF PERFORMANCE AND LITERATURE	43
6.2	GENERAL INFORMATION.....	43
6.2.1	APPLICATIONS	44
6.2.2	ADVISORY EXAMINATIONS	44
6.2.3	COMPLETION OF DEGREE.....	44
6.2.4	PART-TIME STUDY	44
6.2.5	ACADEMIC PERFORMANCE REQUIREMENT.....	44
6.2.6	TRANSFER OF CREDIT AND RESIDENCE REQUIREMENTS.....	44
6.2.7	REGULATIONS FOR RECITALS, THESIS, RESEARCH PROJECTS, AND COMPREHENSIVE EXAMINATIONS.....	45
6.3	CURRICULUM OUTLINES	45
6.3.1	M. MUS. IN PERFORMANCE AND LITERATURE (Piano, Collaborative Piano, Strings and Clarinet)	45
6.3.2	M. MUS. IN PERFORMANCE AND LITERATURE (Composition and Jazz).....	45
6.3.3	M. MUS. IN PERFORMANCE AND LITERATURE (Instrumental Conducting)	46
6.3.4	M. MUS. IN PERFORMANCE AND LITERATURE (Choral Conducting).....	46
6.4	M.MUS. IN MUSIC EDUCATION.....	46
6.4.1	COURSE WORK COMPREHENSIVE EXAMINATION OPTION.....	47
6.4.2	THESIS/RESEARCH OPTION	47
6.5	PROGRAM REQUIREMENTS FOR A SECOND MASTER OF MUSIC DEGREE.....	48
6.5.1	CURRICULUM OUTLINES.....	48
6.5.2	M. MUS. IN PERFORMANCE AND LITERATURE (Piano, Collaborative Piano, Strings, Clarinet, Trumpet, and Low Brass).....	48
6.5.2	M. MUS. IN PERFORMANCE AND LITERATURE (Composition and Jazz).....	48
	COURSE DESCRIPTIONS	48
	SECTION 7. PSYCHIATRIC NURSING GRADUATE STUDIES	52
7.1	ADMISSION REQUIREMENTS.....	52
7.1.1	ADMISSION, MASTER OF PSYCHIATRIC NURSING.....	52
7.2	ACADEMIC PERFORMANCE REQUIREMENT	53
7.3	MASTER OF PSYCHIATRIC NURSING.....	53
7.3.1	PROGRAM REGULATIONS.....	53
7.3.2	PROGRAM ACCESS.....	53

TABLE OF CONTENTS

7.3.3	STUDENT ADVISING	53
7.3.4	DEGREE COMPLETION	54
7.3.5	SECOND DEGREE REQUIREMENTS FOR MASTER OF PSYCHIATRIC NURSING	54
7.3.6	RESIDENCY REQUIREMENTS	54
7.3.7	PRACTICUM REQUIREMENTS.....	54
7.3.8	PROFESSIONAL CONDUCT	54
7.3.9	THESIS REGULATIONS.....	54
7.3.10	CURRICULUM OUTLINE.....	54
	COURSE DESCRIPTIONS.....	55
SECTION 8.	RURAL DEVELOPMENT GRADUATE STUDIES	56
8.1	ADMISSION REQUIREMENTS.....	57
8.1.1	ADMISSION, GRADUATE DIPLOMA IN RURAL DEVELOPMENT	57
8.1.2	ADMISSION, MASTER OF RURAL DEVELOPMENT	57
8.2	GRADUATE DIPLOMA IN RURAL DEVELOPMENT.....	57
8.2.1	PROGRAM REGULATIONS.....	57
8.2.2	ACADEMIC PERFORMANCE REQUIREMENTS.....	58
8.2.3	GRADUATION REQUIREMENTS.....	58
8.3	MASTER OF RURAL DEVELOPMENT (MRD)	58
8.3.1	PROGRAM REGULATIONS.....	58
8.3.2	ACADEMIC PERFORMANCE REQUIREMENT.....	59
8.3.3	MASTER OF RURAL DEVELOPMENT GRADUATION REQUIREMENTS	59
8.3.4	MASTER OF RURAL DEVELOPMENT: OUTLINE OF REQUIRED COURSES	59
	COURSE DESCRIPTIONS	60
SECTION 9.	SCIENCE GRADUATE STUDIES	62
9.1	ADMISSION REQUIREMENTS.....	63
9.1.1	ADMISSION, MASTER OF SCIENCE (ENVIRONMENTAL & LIFE SCIENCES)	63
9.2	GENERAL INFORMATION.....	63
9.2.1	PROGRAM REGULATIONS.....	63
9.2.2	ACADEMIC PERFORMANCE	64
9.3	PROGRAM REQUIREMENTS	64
9.3.1	MASTER OF SCIENCE (ENVIRONMENTAL AND LIFE SCIENCES)	64
	COURSE DESCRIPTIONS.....	64
SECTION 10.	SCHOLARSHIPS, BURSARIES & AWARDS	67
10.1	SCHOLARSHIP GUIDELINES.....	67
10.2	GENERAL INFORMATION.....	68
10.2	CONDITIONS FOR RECEIVING AWARDS.....	68
10.3	REFUNDING OF AWARDS	68
10.4	MASTER'S LEVEL SCHOLARSHIPS & BURSARIES.....	68

SECTION 1. IMPORTANT DATES

2016 FALL SESSION

September 5	Monday	University closed: LABOUR DAY -- no classes scheduled
September 6	Tuesday	University open -- no classes scheduled Fall Orientation for <i>new</i> students
September 7	Wednesday	First day of classes for first term Fall and both-term Fall & Winter courses (except Education)
September 12	Monday	First day of classes for first term Fall Education courses
September 21	Wednesday	Last date for registration and course additions for first term Fall and both-term Fall & Winter courses Last date for 100% refund for first term Fall courses
September 26	Monday	Last date for registration and course additions for first term Fall Education courses
October 10	Monday	University closed: THANKSGIVING DAY -- no classes scheduled
October 18	Tuesday	Graduation (no ceremony)
November 10	Thursday	Fall study break: no classes scheduled (except Education)
November 11	Friday	University closed: REMEMBRANCE DAY observed -- no classes scheduled
November 25	Friday	Last date for voluntary withdrawal from first term Fall courses Last date for 50% refund for both-term Fall & Winter courses
December 6	Tuesday	Last day of classes for first term Fall courses
December 7	Wednesday	Applied Music Examinations for School of Music except B.Mus./B.Ed. (A.D.) (Year 5)
December 8	Thursday	Applied Music Examinations for School of Music except B.Mus./B.Ed. (A.D.) (Year 5)
December 9	Friday	Final examinations begin for first term Fall courses Examinations begin for both-term Fall & Winter courses
December 15	Thursday	Last day of classes for first term Fall Education courses
December 16	Friday	Last date to apply for February 2017 Graduation
December 19	Monday	Final examinations end for first term Fall courses Examinations end for both-term Fall & Winter courses
December 23 - January 2	Friday Monday	University closed: For the holidays -- no classes scheduled

2017 WINTER SESSION

January 3	Tuesday	University open -- no classes scheduled Winter Orientation for <i>new</i> students
January 4	Wednesday	First day of classes for second term Winter courses. Classes resume for both-term Fall & Winter courses
January 9	Monday	First day of classes for second term Winter Education courses
January 18	Wednesday	Last date for registration and course additions for second term Winter courses Last date for 100% refund for second term Winter courses
February 14	Tuesday	Graduation (no ceremony)
February 20	Monday	University closed: LOUIS RIEL DAY -- no classes scheduled
February 21	Tuesday	Winter study break begins: no classes scheduled in second term Winter and both-term Fall & Winter courses (except <i>Education</i>)
February 24	Friday	Winter study break ends: no classes scheduled in second term Winter and both-term Fall & Winter courses (except <i>Education</i>)
February 27	Monday	Classes resume following Winter study break Last date for voluntary withdrawal from second term Winter <i>Education</i> courses
March 1	Wednesday	Last date for voluntary withdrawal from both-term Fall & Winter courses

IMPORTANT DATES

March 9	Thursday	Last day of classes for second term Winter Education courses
March 10	Friday	Applied Examinations for B.Mus. /B.Ed. (A.D.) students (Year 4 and 5)
March 17	Friday	Last date for voluntary withdrawal from second term Winter courses
March 24	Friday	Last date to apply to graduate for May 2017 Convocation
April 7	Friday	Last day of classes for second term Winter and both-term Fall & Winter courses
April 10	Monday	Applied Music Examinations for School of Music except B.Mus./B.Ed. (A.D.) (Year 4 and 5)
April 11	Tuesday	Applied Music Examinations for School of Music except B.Mus./B.Ed. (A.D.) (Year 4 and 5)
April 12	Wednesday	Final examinations begin for second term Winter and both-term Fall & Winter courses
April 14	Friday	University closed: Good Friday – no classes scheduled
April 24	Monday	Final examinations end for second term Winter and both-term Fall & Winter courses

2017 SPRING SESSION

May 1	Monday	Registration for first term and both-term Spring courses First day of classes for first term and both-term Spring courses
May 2	Tuesday	Last date for 100% refund for first term Spring courses Last date for registration and course additions for first term and both-term Spring courses
May 16	Tuesday	Last date for voluntary withdrawal for first term Spring courses Last date for 50% refund for both-term Spring courses
May 18	Thursday	Last day of classes for first term Spring courses
May 22	Monday	University closed: VICTORIA DAY--no classes scheduled
May 23	Tuesday	Final examinations for first term Spring courses No lectures or labs scheduled for both-term Spring courses
May 26	Friday	Spring Convocation for all Faculties/Schools
June 5	Monday	Registration for second term Spring courses First day of classes for second term Spring courses Classes resume in both-term Spring courses
June 6	Tuesday	Last date for voluntary withdrawal from both-term Spring courses Last date for 100% refund for second term Spring courses
June 15	Thursday	Last date for registration and course additions for second term Spring courses
June 19	Monday	Last date for voluntary withdrawal from second term Spring courses
June 22	Thursday	Last day of classes for second term and both-term Spring courses
June 26	Monday	Final examinations for second term and both-term Spring courses
June 27	Tuesday	Final examinations for second term and both-term Spring courses

2017 SUMMER SESSION

July 1	Saturday	CANADA DAY
July 3	Monday	University closed: -- no classes scheduled
July 4	Tuesday	Registration for first term and both-term Summer courses First day of classes for first term and both-term Summer courses
July 5	Wednesday	Last date for registration and course additions for first term and both-term Summer courses Last date for 100% refund for first term Summer courses
July 19	Wednesday	Last date for voluntary withdrawal from first term Summer courses Last date for 50% refund for both-term Summer courses
July 24	Monday	Last day of classes for first term Summer courses
July 26	Wednesday	Final examinations for first term Summer courses No lectures or labs scheduled for both-term Summer courses

July 31	Monday	Registration for second term Summer courses First day of classes for second term Summer courses Classes resume in both-term Summer courses
August 1	Tuesday	Last date for registration and course additions for second term Summer courses Last date for 100% refund for second term Summer courses
August 7	Monday	University closed: CIVIC HOLIDAY -- no classes scheduled
August 14	Monday	Last date for voluntary withdrawal for both-term Summer courses
August 16	Wednesday	Last date for voluntary withdrawal from second term Summer courses
August 21	Monday	Last day of classes for second term and both-term Summer courses
August 23	Wednesday	Final examinations begin for second term and both-term Summer courses
August 24	Thursday	Final examinations end for second term and both-term Summer courses
August 25	Friday	Last date to apply for October 2017 graduation

SECTION 2. ADMISSION REGULATIONS

2.1 GRADUATE ADMISSION APPLICATION DEADLINES

Students not previously enrolled who wish to register as full-time or part-time students of the University must submit an application for admission, pay the non-refundable application fee, and submit all required supporting documents in accordance with published deadlines.

Details on applying and application deadlines are available at: <https://www.brandonu.ca/graduate-studies/applications/>.

Inquiries regarding admission should be directed to:

Admissions Office

Rm 104 A.E. McKenzie Building
270 - 18th Street
Brandon, Manitoba R7A 6A9

Telephone: (204) 727-9784
Fax: (204)728-3221
Email: admissions@brandonu.ca

2.2 ADMISSION CATEGORIES

Admission to Brandon University Graduate programs may be obtained in the following ways:

1. Regular
2. Special
3. Conditional

Note: Please refer to the appropriate program requirements for specific programs admissions requirements. For graduate admission requirements for Education see page 19, for Music see page 43, for Psychiatric Nursing see page 52, for Rural Development see page 58, and for Environmental & Life Sciences see page 63.

2.2.1 GRADUATE ADMISSION, REGULAR

Regular Status is assigned to students who have satisfied all requirements for admission as Graduate Diploma or Master's degree candidates.

2.2.2 GRADUATE ADMISSION, SPECIAL

Special status will be assigned to a student who meets graduate admission requirements but is not proceeding to a graduate degree or diploma at Brandon University. A Special Graduate Student may accumulate no more than 9 credit hours of Master's level courses. Students, subsequently admitted to a Graduate program, may apply to the School or Faculty Graduate Committee to have courses completed as a Special Graduate Student applied to a graduate program of studies.

2.2.3 GRADUATE ADMISSION, CONDITIONAL

Conditional status may be assigned to a student who has applied for Graduate - Regular status but does not meet graduate admission requirements. A Conditional Graduate Student must complete the missing requirement and/or extra courses and/or attain a predetermined level of performance in order to achieve Regular status.

A Conditional student must be formally reviewed by the School or Faculty within two terms of the first registration in the program and a recommendation either to remove the Conditional status or to withdraw from the program must be forwarded to the Dean of the Faculty or School for action.

Conditional student status shall not be extended beyond the first two terms and the maximum number of graduate level credits a Conditional student may complete is 12. Students who successfully satisfy the terms of their Conditional status shall not be required to re-apply for admission. The conditional year of studies will not be counted in the time allowed to complete the Master's degree.

SECTION 3. GENERAL REGULATIONS

3.1 STUDENT NUMBERS

A number is assigned to each student upon application for admission to Brandon University. If admitted, the student number is included on the Letter of Acceptance, Identification Card, in the student's file at Financial & Registration Services and on all correspondence issued by Brandon University.

3.2 BRANDON UNIVERSITY IDENTIFICATION CARDS

Each student registering for an academic session will be issued a Brandon University Identification Card, which must be presented when accessing many university facilities and services. Cards are issued by Ancillary Services on the Main Floor of the McMaster Complex.

3.3 STUDENTS' TRANSCRIPTS

A transcript is an official document that contains the complete record of a student's academic history at Brandon University. Since it contains personal information, it is considered confidential, and it will be issued only upon formal request of the student. Details are found at <https://www.brandonu.ca/finance/student-resources/transcript-requests/>.

3.4 REGISTRATION

Registration consists of completing a registration form (paper copy or online), if necessary obtaining approval from the Dean, Chair, Advisor (or designate) of a Faculty or School for their program of studies, and making payment to Financial & Registration Services on fees assessed. Students are responsible for the accurate completion of their registration, which includes the registration form. They are also responsible to ensure that the courses registered for lead to the program of their choice and that they meet the requirements for the degree sought. If students have questions or problems concerning their degree program they should consult either the Department Chair in which they are taking their Major Program of study, their Dean, or Student Services. Students are also responsible for ensuring that Financial & Registration Services is informed of all changes in their course registration and personal information (e.g. change of address, name change, etc.).

Registration is the process by which students submit selected courses for a particular academic session to Financial & Registration Services via the Registration form, Registration Change form or BU Online Registration System: <https://liszt.brandonu.ca/BUOnline/BUStart/Logon.aspx>. Before students are permitted to register, they must first be eligible to pursue studies at the University. Eligibility is determined either by previous academic performance for returning students or acceptance through the admissions process to the University for new students. (For Admission Requirements see page 9). Returning students who are not eligible to re-register at the University will have been so advised by a letter from Financial & Registration Services.

The University reserves the right to cancel any course in which there is insufficient enrolment. Registration is not complete until fees have been paid to Financial & Registration Services.

3.4.1 DEFINITION OF FULL-TIME STUDENTS

Any Master's student registered in nine or more credit hours per academic year shall be considered a full-time student of Brandon University (i.e. September 1 - August 31).

3.4.2 REGISTRATION PROCESS

Form Completion: If registering on a paper form, the department, course number, course title, section number and term must be correctly stated. Failure to do so may result in omission of the student's name from appropriate class lists.

Online Registration: Registration may be submitted online at <https://liszt.brandonu.ca/BUOnline/BUStart/Logon.aspx>. Registration is only complete once the student has received both a tracking number and a confirmation to their Brandon University email account.

Waiting Lists: When a student attempts to register for a course that has reached its enrolment limit, they are given the opportunity to be placed on the waiting list. As spots in the course become available, the student will be notified via their Brandon University email at which point the student may register or remove their name from the waiting list. If the student has not registered in a predetermined length of time, the spot is forfeited and the student's name is placed at the bottom of the waiting list. Students can view or remove themselves from waiting lists at any time through the Student Information portal. Students who do not have internet access should contact Financial & Registration Services to obtain instructions.

Course Withdrawal: To withdraw from a course or all courses, students must submit a Registration Change form to Financial & Registration Services or use the online registration system (<https://liszt.brandonu.ca/BUOnline/BUStart/Logon.aspx>). Deadline dates for withdrawal, without academic penalty, from single-term and both-term courses represent 80% of the total contact hours in the course.

If a student should withdraw from a course up to and including the last date for registration in that course, the course will not appear on the transcript. All withdrawals subsequent to the last date of registration, up to and including the last date for withdrawal without academic penalty, will remain on the transcript with the notation of **VW** (voluntary withdrawal). Failure to officially withdraw from a course prior to the last date of withdrawal without academic penalty may result with a grade of "F" (failure). **Authorized Withdrawal:** Students may be permitted to withdraw from a course or courses after the last date for withdrawal without academic penalty and prior to the date of the final exam for the

course(s) only for reasons of illness, disability or domestic affliction, supported by a certificate from a qualified professional. The Instructor and the Dean of the Faculty or School in which the course is located will make a discretionary decision. Students who are permitted to withdraw from a course will be assigned the notation **AW** (Authorized Withdrawal) for the course(s).

Course Audit: A Regular Student who is registered in courses for credit may wish to audit a course. This is different from Auditor Status in that Auditor Status students are not taking any courses for credit. All students, however, who wish to audit a course, must have the written approval of the Instructor, and where necessary, the additional approval of the Department Chair and the Dean of the Faculty or School that teaches the course. Approval to register for a course as an Auditor is given on the understanding that the audited course is for personal interest only, is not assigned a grade, is not for degree credit, has no examination, test or coursework assignment privileges, does not count for prerequisite standing in other courses and is assessed a fee equal to one-half of the course fee. With the permission of the Instructor, a student may change from Credit to Audit or Audit to Credit provided the change is made before the last date for withdrawal without academic penalty. The appropriate fee adjustment will be made against the student's account by Financial & Registration Services.

3.4.3 DE-REGISTRATION FOR NON-PAYMENT OF FEES

Students who neglect to pay fees as required will be de-registered from their courses. A fee is charged for reinstatement.

For students who have been de-registered due to non-payment, the final date for reinstatement of registration is the last date of classes as approved in Important Dates (see page 7).

3.4.4 DEGREE REQUIREMENT SUBSTITUTIONS AND WAIVERS

In rare and exceptional circumstances, a student may obtain a waiver or substitution for a required course or degree component. Any waiver or substitution must be submitted to the Registrar's Office using the Degree Requirement Waiver/Substitution Form found on the Senate Office website (www.brandonu.ca/senate-office/senate-office-forms/). A waiver/substitution is considered valid and becomes part of the student's academic record only once the form has been completed in full and signed in accordance with the instructions on the form.

3.5 COURSE INFORMATION

3.5.1 COURSE NUMBERS

Course numbers are made up of two parts: a two digit prefix that designates the Department, School or Faculty under whose jurisdiction the course is offered and a three digit suffix that indicates the level of the course.

Example: 88:551

Course Prefix = 88 (Department of Rural Development)

Course Suffix = 551 (graduate level course number)

Two Digit Course Prefixes

Leadership & Educational Leadership	01	Graduate Studies & Field Research	07
Curriculum Foundations	02	Music	63
Teaching & Learning	03	Psychiatric Nursing	75
Educational Psychology & Student Services	04	Rural Development	88
Physical Education	05	Environmental & Life Sciences	15/38/42/48

Three Digit Course Suffixes

Graduate Level	500-599	600-699	700-799
----------------	---------	---------	---------

3.5.2 COURSE PREREQUISITES

A prerequisite is a specific requirement students must normally meet before being permitted to register for a course. Prerequisites are listed in individual course descriptions within this calendar.

Students who do not meet all stated prerequisites (whether by failing or withdrawing from a prerequisite course in which they were registered or by other means) will, in the absence of a formal prerequisite waiver (<https://www.brandonu.ca/finance/files/prerequisite-waiver-form.pdf>), be deregistered from the course for which they are lacking prerequisites. Deregistration notification will be sent to such students and the associated course instructors via their Brandon University email accounts.

3.6 CREDIT FROM OTHER SOURCES

3.6.1 LETTER OF PERMISSION -- COURSES TAKEN ELSEWHERE

Brandon University students who wish to take a course or courses at another accredited post-secondary institution for transfer of credit to their program must obtain a Letter of Permission from Financial & Registration Services **before** they make application to the visiting institution or register for the course. A non-refundable fee is charged for a Letter of Permission. An application for a Letter of Permission is available at the following website: <http://www.brandonu.ca/finance/student-resources/>

Established equivalencies can be found on the course transfer database on the Brandon University website from the link listed below. If the course(s) is not in the database, or requires re-evaluation, you may be asked to provide detailed outline /syllabus for the course(s). Not all courses listed in the transfer database will necessarily be current offerings at that institution (<https://webapp.brandonu.ca/pls/transfer/>).

Requests for Letters of Permission should be received by Financial & Registration Services **at least one month prior** to the dead-line dates established by the visiting institution to allow sufficient processing time. Letters of Permission may be granted to students who have Regular Student Status. Students who do not have Regular Students Status (*i.e.* Probationary, Mature) will have their requests approved by the appropriate Academic Dean or Program Coordinator before a Letter of Permission will be issued. Students must establish residency at Brandon University before a Letter of Permission will be granted and no Letter of Permission will be issued for a student who has not registered for any Brandon University credit hours. Residency is established usually through the successful completion of a minimum of 15 credit hours. Students who do not meet this requirement may be granted written approval to obtain a Letter of Permission through their Academic Dean or the Program Coordinator.

As approval for the issuance of a Letter of Permission for courses is the prerogative of the academic faculty, students are advised to have their selection of courses reviewed by the appropriate faculty advisor to ensure that requested courses will fulfill major/minor or other degree requirements. Issuance of a Letter of Permission does not imply that degree residency requirements, prerequisites, or major/minor requirements have been waived.

It is the student's responsibility to see that upon completion of the course, an official transcript is sent as soon as possible to Financial & Registration Services directly from the institution where the course was taken. Grades transferred in are used in the calculation of the grade point average (GPA) for the degree sought.

3.6.2 TRANSFER OF CREDIT

Students who have taken a course or courses at another academic institution prior to their admittance to Brandon University must, upon application for admission, request an assessment of their work at the other academic institutions for possible transfer of credit to Brandon University.

Courses from other academic institutions accepted by Departments for transfer of credit to a student's program, with the exception of those courses taken through a Letter of Permission, will not normally be subject to the stipulated course prerequisite(s).

The maximum Transfer of Credit allowed will be 6 credit hours for all faculties.

Departments may reserve the right to refuse to grant transfer of credit for a number of reasons, which may include their assessment that the coursework being evaluated is outdated.

Note: Students who wish to request a review or reassessment of transfer credit must do so within six months of the initial transfer of credit to Brandon University.

3.6.3 PRIOR LEARNING ASSESSMENT AND RECOGNITION (PLAR)

Brandon University respects all forms of learning; however it is attained, and recognizes also that individuals do achieve university level learning outside of the usual academic environment. In acknowledgement of these achievements, Brandon University aims to provide an accessible yet fair and rigorous process for assessing this prior learning by academic experts in the relevant subject area. Brandon University recognizes PLAR credit on a case-by-case basis if the individual's learning has reached the expected range and depth of knowledge and skills for the particular academic credential requested by the PLAR applicant. While providing this opportunity, Brandon University reserves its mandate of ensuring that appropriate academic standards are maintained.

Only individuals who have been admitted to Brandon University are eligible to seek PLAR credit. Applicants are to be aware that certain Brandon University Faculties or Schools may determine additional requirements for eligibility.

The maximum PLAR credit allowed will be 6 credit hours for all faculties. PLAR credit shall be subject to the normal Residence regulations. If PLAR credit is granted, it will be recognized as Brandon University course equivalents or as Unallocated credit. The PLAR assessment fee is non-refundable and must be paid in full before an assessment will be conducted. Please contact the Office of the Registrar at (204) 727-9738 for further information.

Note: The Faculty of Education does not recognize PLAR credit.

3.6.4 CANADIAN ARMED FORCES --- RESIDENCE REQUIREMENTS

It is recognized that Canadian Armed Forces personnel and their dependents often have their program of studies interrupted because of special circumstances. Accordingly, the announced residency regulations will be waived for Canadian Armed Forces personnel or their dependents provided that the students meet the following requirements:

1. have been admitted to Brandon University; and/either
2. attended Brandon University classes either on-campus or an approved location in Canada or abroad; or,
3. have a Letter of Permission from Brandon University allowing them to pursue studies at an approved location in Canada or abroad; or,
4. all other requirements for the Brandon University degree sought have been met.

3.6.5 CHALLENGE FOR CREDIT

Challenge for Credit is permitted for students who have fulfilled, beyond the normal admission level equivalent, study equivalent to requirements for a Brandon University credit course. A student who audits a course may, after the course is completed, subject to approval of the Instructor, be allowed to challenge the course for credit, provided the regular Challenge for Credit fee is paid.

Permission to challenge a course is the prerogative of the Instructor in the course, Department Chair and Dean. The Challenge Exam will be held at a date mutually agreed upon by the student and instructor, in accordance with procedures approved by the Department, Faculty or School

concerned. The maximum Challenge for Credit allowed will be 6 credit hours for all faculties. The challenge cannot include a course previously taken (passed or failed).

Normally a course used for admission may not be used as the basis for applying for challenge for credit; however, with permission of the Department and Dean, a student with superior standing in a course used as the basis for admission, may challenge for credit.

A challenge for credit shall be:

1. considered the equivalent of a transferred course and therefore subject to the Residence Regulations *and*
2. counted as part of the number of the attempts for the degree sought and so recorded on the student's academic record.

Students may not challenge for credit:

1. while on Probation, Suspension, or Academic Withdrawal *or*
2. challenge a course on the basis of having obtained standing in a course at a lower, equal or higher level. Students who are granted permission to challenge for credit must complete or challenge the prerequisite courses listed for the course challenged for credit unless the prerequisite has been waived by the Department.

The Challenge for Credit application form is obtainable from Financial & Registration Services. Once the Instructor, Department Chair and Dean have given their written approval, the form must be returned to Financial & Registration Services which shall then assess the full tuition fee assessed for the course at the time of application. The fee is non-refundable.

Note: Challenge for Credit is not applicable for regular Faculty of Education courses, except for core courses (07:780, 07:751, and 07:752) with the approval of the Chair of the Graduate Studies Program, Faculty of Education.

3.7 COURSEWORK AND GRADING

At the close of each term or session grades are assigned indicating the character of the student's work throughout the term. If term marks are given, they shall be based on reports, essays, etc., preferably of a critical or analytical nature, on aspects of the work covered in the course concerned. The instructor shall make clear to the class at the beginning of each course how the final grade in the class shall be assigned. The maximum term mark for work in all courses is to be set by the Department concerned, with the Deans to be kept informed.

The grades given for term work are added to the grades obtained at the final examination (if such is required) in the course and this total shall determine the standing of the student.

Academic papers, presented by students in partial or entire fulfillment of any course requirement, shall remain the property of the writer and may be retained by the course instructor after their marking only with the written permission of the student. Academic papers, excluding final examination papers, presented by students in partial or entire fulfillment of any course offered at Brandon University remain the property of the writer and should be returned to the students after marking. Within 21 days of the receipt of the final grade, students may, upon request, see their marked final examination in the presence of the instructor.

3.7.1 ATTENDANCE AT LECTURES AND PRACTICAL WORK

1. All students are expected to be regular in their attendance at lectures and labs. While attendance *per se* will not be considered assessing the final grade, it should be noted that in courses participation in class activities may be required.
2. For limited enrolment courses, students who are registered but do not attend the first three classes or notify the instructor that they intend to attend may have their registration cancelled in favour of someone else wishing to register for the course.
3. Students who are unable to attend a scheduled instruction period because of illness, disability, or domestic affliction should inform the instructor concerned as soon as possible.

3.7.2 LETTER GRADE SYSTEM

The following Letter Grade System will be used commencing with Regular Session Fall registrations 2006.

Letter Grade	Grade Points	Full Course	Half Course
A+	4.30	25.8	12.9
A	4.00	24.0	12.0
A-	3.70	22.2	11.1
B+	3.30	19.8	9.9
B	3.00	18.0	9.0
B-	2.70	16.2	8.1
C+	2.30	13.8	6.9
C	2.00	12.0	6.0
C-	1.70	10.2	5.1
D	1.00	6.0	3.0
F	0.00	0.0	0.0

* The weighted grade points for the full and half courses are based on the 6 and 3 credit hour weighted courses. Differently weighted courses will have an appropriate weighted grade point. Grades of "P", "S", and "U" may be awarded in a limited range of courses. Such grades

carry no weighted grade points and are not calculated into the degree or cumulative grade point average.

Grade Point Averages:

Grade points determine the student's general average and are a measure of the quality of work done, as units or credits are a measure of the amount of work done. Where percentage grades are used by professors, the equivalent letter and numerical grades will be made explicit to students in the course at the beginning of each term. The instructor shall make clear to the class at the beginning of each course how the final grade in the class shall be assigned.

A student's weighted grade points for a course are the product of the credit hours multiplied by the grade points obtained by the student. The grade point average (GPA) is the accumulated total (aggregate) of weighted grade points obtained by the student divided by the accumulated credit hours taken to date by the student. A student's performance on each session's work will be recorded in terms of the GPA

Students transferring grades from other universities to Brandon University will receive the equivalent of the grade attained at the former universities. Students who have received numerical grades will have their grades converted to approximate letter grade values.

3.7.3 INCOMPLETE TERM WORK

Where a student has failed to complete one or more course requirements, the instructor, at his or her discretion, may assign a grade of INC (Incomplete) for the course. The instructor will set a date by which the required term work is to be completed, such date to be a maximum of three months from the last date of examinations for the term in which the course was offered.

Subsequent extensions to the original date may be granted by the instructor with the approval of the Dean of the Faculty/School offering the course, up to a further three month maximum. In exceptional circumstances, students with documented health concerns may, at the discretion of the Dean, be granted a further extension beyond the normal six month maximum. Following the expiration of the specified period of time for completion of the course, the instructor shall submit a grade.

Graduate Music students registered for 65.613--619 courses, may be granted an incomplete in these courses for periods not exceeding twelve months. Extensions may be granted only in exceptional circumstances and require Graduate Studies Committee of Senate approval.

3.7.4 REPEATED COURSES

All course attempts, including the grade earned, will remain on the transcript. Where a student repeats a previously attempted course, however, only the most recent grade will form part of the student's cumulative and degree grade point averages. The previous attempts will have the designation RPT (repeat) placed beside them on the transcript.

3.8 EXAMINATIONS

1. Students must write final examinations (if such are required) in every course in which they are registered. Those students who absent themselves will be given a grade of "F-NP" for the examination, except in the case of students who produce evidence of having been prevented from writing examinations owing to illness, disability, or domestic affliction.
2. The student may appeal any mark given in any achievement of coursework.
3. Students whose name appears on the class list but who are unknown to the instructor shall be awarded the grade "RNP" (Registered, Not Present). Courses to which the RNP designation is applied shall **not** count toward the student's sessional or cumulative grade point average. It is the student's responsibility to ensure that his/her registration is correct and that Financial & Registration Services is notified of all registration changes.
4. If, in the opinion of the Senate, a student's academic performance is unsatisfactory, the student may be debarred from final examination or examinations, in which case these examinations will be counted as failures.
5. Except for applied juries, as required by the School of Music, no final examinations shall be scheduled between the last day of classes and the first day of the examination period.
6. No tests or examinations set in class shall be scheduled by an instructor so as to require students to miss other courses in which they are enrolled.
7. Final examinations will be written at the time and location fixed for individual examinations as published in the Final Examination schedule.

3.8.1 DEFERRED EXAMINATIONS

A Deferred Examination is given only when a student is unable to sit for a final examination because of illness, disability, or domestic affliction. A student shall be given a maximum fixed period of time of up to 3 months in order to clear the Deferred Examination. The period shall be from the last date of Examinations for the term concerned or, in the case of irregularly scheduled courses, up to 3 months after the cessation of classes. A request for a Deferred Examination must be made by a student to the Instructor within 7 days of the end of the examination period. The application must be accompanied or followed shortly by a medical certificate (or an otherwise appropriate document), stating the nature of the illness, disability, or affliction, and the period of its occurrence. If the Instructor denies the student's request, the student may appeal to the Dean of the Faculty or School, which teaches the course. If the student's request is again denied, the student has the right to appeal to the Graduate Studies Committee of Senate, whose decision shall be final.

When a Deferred Examination is granted, the Instructor will inform the student and Financial & Registration Services as to the method by which a final grade will be assessed if the deferral is not completed within the agreed period of time. Financial & Registration Services, where possible, will remind both the instructor and the student concerned that the Deferred Examination must be cleared by the specific date. It is the

responsibility of the Instructor to inform Financial & Registration Services as soon as possible after the completion of the examination as to the grade that should appear on the transcript. A new statement of marks will not be issued if and when the grade is received. If students wish a copy of their updated transcript, they must request it and pay the required fee.

If, for domestic affliction or medical reasons, a student feels that the date originally set for the clearing of a Deferred Examination should be altered, the Dean of the Faculty/School which teaches the course may, in consultation with the instructor, grant a further extension of up to three months. Any further extension of the Deferred Examination must be considered by the Graduate Studies Committee of Senate upon application by the student and with the further recommendation of the instructor. The decision for, and length of, any further extension shall be made by the Committee and shall be final.

3.8.2 SPECIAL EXAMINATIONS

1. In cases where a student has failed to achieve a final examination mark considered to be representative of his/her ability as demonstrated throughout the duration of the course, on the approval of the Instructor, Department Chair, and Dean the student may be allowed to sit for a Special Examination.
2. A special examination application form available from Financial & Registration Services must be completed and returned to Financial & Registration Services within 21 days of the official publication of the final grades. All Special Examinations must be written within 14 days of approval being given, unless there are extenuating circumstances.
3. A non-refundable fee must accompany a Special Examination application form when it is submitted to Financial & Registration Services (see page 19).

3.9 ACADEMIC DISHONESTY AND MISCONDUCT

Academic integrity is an essential part of University life. Academic dishonesty and misconduct will not be tolerated. Brandon University supports students, instructors and administrators in their efforts to preserve this institution as a community of scholars.

Actions which constitute academic dishonesty and/or misconduct are considered an offence within Brandon University and include:

1. **Plagiarism:** which includes, but is not limited to:
 - Work which is submitted or presented in partial fulfillment of course/degree requirements as one's own work that was completed, in whole or in part, by another individual
 - Portions of the work extracted from another source without proper and full credits to the original author (*e.g.*, concepts, sentences, graphics, data, ideas presented through para-phrase)
 - The entirety of the work copied from another source
 - The submission of work in one course that has been or is simultaneously being submitted for credit in another course without the expressed written permission of all instructors involved (in such cases the entirety of the work may originate with the student; nevertheless, the academic offence of plagiarism has occurred)
2. **Cheating:** which includes, but is not limited to:
 - Using, giving, receiving, or the attempt to use, give or receive unauthorized information during an examination in oral, written or other form
 - Copying an essay, examination, report or like form of evaluation
 - Allowing another to copy an essay, examination, report or like form of evaluation
 - Impersonating another person in an examination or test and/or serving as a confederate in such activities
 - Buying or otherwise obtaining term papers or assignments for submission as one's own
 - Giving false reasons for absence (*e.g.*, from an in-class test, final examination, required classroom activities)
3. **Falsifying Records:** which includes, but is not limited to:
 - Misrepresenting one's credentials
 - Submitting false documents or falsifying academic records, transcripts or other University documents
 - Falsifying documents from outside agencies required for the work of the University (*e.g.*, medical notes, letters of reference)
4. **Research Misconduct:** which includes, but is not limited to:
 - Fabrication or falsification of research data (or materials)
 - Making a statement of fact or reference to a source which has been fabricated
 - Failure to comply with University policies as they apply to research ethics, human subjects, animal subjects, intellectual property, or computer usage
 - Failure to recognize through due acknowledgement the substantive contribution of others
 - The use or appropriation of the unpublished work or data of other researchers without permission
 - Use of archival material in violation of the rules of the archival source
 - Removal of books or other library materials without authorization
 - Destruction, mutilation or intentional misplacement of library material.

Withdrawal from a course will not preclude proceedings related to alleged cases of academic dishonesty. The right to withdraw shall be withheld (or in exceptional circumstances revoked) when an academic offence is alleged. Where the allegation is not supported by a preponderance of the evidence, a student's right to withdraw will be re-instated and shall apply retroactively to the date the academic offence was alleged.

Note: The complete Policy on Academic Dishonesty and Misconduct, including the procedures to be followed when a violation of the policy is alleged, is available on the Brandon University website and in the Offices of the Deans and Registrar (<https://www.brandonu.ca/senate-office/files/2010/12/Academic-Dishonesty-Misconduct-Policy.pdf>).

3.9.1 PENALTIES

Sanctions levied by the University and their severity are determined in relation to the degree of the offence committed or attempted, the intentionality of the participant(s), recidivism, and/or the degree to which an individual has been party to attempted or committed acts of academic dishonesty. A student who is determined to be responsible for academic dishonesty or misconduct (AD) may be subject to the imposition of one or more of the following:

- a) requirement to repeat the assignment or examination, with or without grade reduction
- b) assignment of a grade of zero in the assignment, test or exam
- c) assignment of "F-AD" in the course in which the offence is committed
- d) suspension from some or all courses in which a final grade has not been entered and the assignment of "F-AD" in all such courses
- e) suspension from all Brandon University teams, clubs or like organizations for a period of 1 to 5 years
- f) suspension from the faculty for a period of 1 to 5 years
- g) expulsion from the faculty
- h) suspension from the University for a period of 1 to 5 years
- i) expulsion from the University
- j) cancellation or revocation of degree

This list is exemplary and does not restrict the Dean, President or Senate (or a committee thereof) from imposing additional penalties as may be warranted by exceptional individual cases.

3.9.2 TRANSCRIPT NOTATION

Where sanction c) or d) (above) is applied, a grade of "F-AD" (Academic Dishonesty) will be entered on the student's transcript. Upon successful completion of a degree program or five years after the sanction was applied, whichever occurs first, the grade of "F-AD" will be converted to "F".

Academic Withdrawal

Withdrawal from a course will not preclude proceedings related to alleged cases of academic dishonesty. The right to withdraw shall be withheld (or in exceptional circumstances revoked) when an academic offence is alleged. Where the allegation is not supported by a preponderance of the evidence, a student's right to withdraw will be re-instated and shall apply retroactively to the date the academic offence was alleged.

Note: The complete Policy on Academic Dishonesty and Misconduct, including the procedures to be followed when a violation of the policy is alleged, is available on the Brandon University website and in the Offices of the Deans and Registrar. (<http://www.brandonu.ca/senate-office/senate-policies/>).

3.10 STUDENT APPEAL PROCESS

3.10.1 GRADE APPEALS

Where a student wishes to appeal the final grade received in a course (excluding Music courses culminating in a jury, concert or thesis exhibition), the student should first consult with the course instructor. After this discussion, if the student still believes the grade is inappropriate and wishes to appeal it, the student may do so by submitting a written request to the Dean of the Faculty/School in which the course is offered. This request must be submitted within 30 days of the date on which the final course grade was issued. The Dean will consult with the Instructor concerned and otherwise investigate the matter. If the Dean believes it is warranted, the student will ask one or two other members of the department concerned to review the course grade and provide a recommendation. The Dean will then make a decision and so inform the student, submitting a change of grade if such action is applicable.

If the student is dissatisfied with the action taken by the Dean, the student may submit a Grade Appeal Form to the Senate Office. Normally, this must be done within 14 days of receiving the Dean's decision. The student will submit written reasons why the student believes a change of grade is warranted. The appeal will be heard by the Graduate Studies Committee of Senate, following such procedures as the Committee may from time to time establish for hearing appeals. The Committee will request a written statement from the Dean as to his/her reasons for rejecting the appeal, and will subsequently review both this statement and the statement provided by the student. The Committee will render a decision which shall be final (<http://www.brandonu.ca/finance/student-resources/>).

3.10.2 PERFORMANCE APPEALS

Where a student wishes to appeal the application of any academic regulation (with the exception of grade appeals which are dealt with separately), the student will submit a Performance Appeal Form to the Senate Office and pay the required fee unless this fee is waived by the

Registrar or designate (fees payable at Financial & Registration Services). The appeal form will be accompanied by a written statement as to the regulation being appealed, the reasons for the appeal, and the remedy sought. The appeal will be heard by the Graduate Studies Committee of Senate, following such procedures as the Committee may from time to time establish for hearing appeals. The Committee's decision shall be final (<http://www.brandonu.ca/senate-office/senate-office-forms/>).

3.10.3 STUDENT GRIEVANCE PROCEDURES

A student having a valid considered academic type of grievance against a faculty or staff member must exercise the following procedure:

- It is strongly recommended that the parties in question should work out the problem between themselves.
- If the student is not satisfied, the student may seek advice and support from the BUSU Investigative Committee of Grievances (ICG) or other sources. A second attempt should then be made to solve the problem directly with the faculty/staff member in question. The ICG member(s) should not at this point present the case or contribute in a large way to the discussion.
- If further action is needed, either party may approach the Chair (or designate) of the department to which the faculty/staff member belongs. The Chair shall hear the student(s) and the faculty/staff member separately or jointly, (if necessary) before reaching a decision. A BUSU ICG member or other counsel may advise the student(s).
- If the problem is to go farther, it is to the Dean of the Faculty/ School. The student(s) may be advised and/or represented by BUSU ICG members or other counsel. The faculty/staff members may also seek support from colleagues or other sources.
- The final step of appeal is the Senate Discipline Committee.
- Students should be represented by BUSU ICG or other counsel. Faculty/staff members should also seek counsel.

3.11 REQUEST FOR PROGRAM EXTENSION

First time requests for program extensions will be dealt with by the student's home Department. Second and subsequent request must be approved by the Faculty of Graduate Studies. More than one extension period may be considered, but the total time for all extensions will not normally exceed two years. Requests for extension must be accompanied by a realistic timeline that has been agreed upon by the student and Advisor and endorsed by the Department Chair/Program Coordinator. Students granted extensions may be asked to enroll full-time during the period of the extension and may also be required to carry out remedial work associated with the extension. The student must complete the required "Request for Program Extension" form and submit it to his/her Department for recommendation to the Faculty of Graduate Studies, normally two months prior to the expiration of the program time limit. If a request for program is denied by the Department and/or the Faculty of Graduate Studies, the student may appeal this decision to the Graduate Studies Committee of Senate. The decision of the Graduate Studies Committee is final.

3.12 GRADUATION

3.12.1 APPLICATION FOR GRADUATION

Every candidate for a degree shall make formal application for graduation online through the Student Information portal at <https://webapp.brandonu.ca/pls/student/>. There is no graduation fee. To be eligible to graduate at any Convocation, all courses must be successfully completed by the conclusion of the preceding term.

See the Important Dates section (see page 7) for graduation application deadlines. Applications received after these dates will be deferred to the next Convocation.

Students deemed ineligible to graduate after having applied must re-apply to graduate when they meet the requirements. October graduands will be approved annually at the October meeting of Senate and February graduands will be approved at the February meeting of Senate. Although there is no formal graduation ceremony at these times, invitations will be extended to October and February graduands to attend the following Spring Convocation.

3.12.2 GRADUATION REQUIREMENTS

It is the responsibility of the student to ensure that all graduation requirements have been met. Students are advised to check their degree, major/minor and course prerequisite requirements as early as possible before applying to graduate to ensure graduation eligibility.

It is the students' responsibility to ensure that all graduation requirements have been met. Students are advised to check their degree, major, and course prerequisite requirements as early as possible before applying to graduate to ensure graduation eligibility. Questions regarding graduation regulations should be directed to the Department Chair, the appropriate Dean or the Senate Office.

3.12.3 ACADEMIC DRESS

Gowns: Worn closed, royal blue for Education, Music, Psychiatric Nursing Rural Development and Science.

Caps: Square mortarboards, of same material as gown with gold-tassel. Caps in every case are worn with the tassel over the left eye.

Hoods: Royal Blue in color. Cowls are edged with gold braid and lined in faculty colour, as follows:

Degree

Master of Education (M. Ed.)
Master of Psychiatric Nursing (M.P.N.)
Master of Music (M.Mus.)

Colour

scarlet, bound (2") in light blue
scarlet, bound (2") in emerald green
scarlet, bound (2") in pink

Graduate Diploma in Rural Development (G.D. R.D.)	light blue, bound (2") in white
Master in Rural Development (M.R.D.)	scarlet, bound (2") in white
Master of Science (Environment & Life Sciences) (M.E.L.S.)	scarlet, bound (2") in light green

SECTION 4. FEE REGULATIONS

4.1 GENERAL INFORMATION

All fees listed are subject to change.

Information on tuition and fees may be obtained by contacting Financial & Registration Services by phone (204) 727-9724, by email finreg@brandonu.ca or by website: <http://www.brandonu.ca/finance/student-resources/tuition-info/>.

4.2 REQUIRED FEES

4.2.1 APPLICATION FEE

A non-refundable application fee is to accompany the application for admission. The application fee must be paid before an application for admission will be processed. New students applying to Brandon University will be assessed an additional fee by the Admissions Office at the time of application.

4.2.2 TUITION AND RELATED FEES

For tuition and fee information, consult <http://www.brandonu.ca/finance/student-resources/tuition-info/>.

4.2.3 BRANDON UNIVERSITY STUDENTS' UNION INC. FEE

The B.U.S.U. Constitution states that all on campus students are members of B.U.S.U. and must pay B.U.S.U. Membership Fees as determined by B.U.S.U. Council. The B.U.S.U. membership fee is charged per 3 credit hours of registration to a maximum of 30 credit hours. Other B.U.S.U. student fees include the following: Building Fund fee, the Canadian Federation of Students fee (CFS), the Quill Levy, the World University Service of Canada fee (WUSC), the BUSU Health and Dental Plan, UPASS and SUDS fee.

4.2.4 GRADUATE CONTINUING REGISTRATION FEE

Students continuing in any graduate program who do not register in an academic year must pay a continuing Registration Fee. Please contact Financial & Registration Services for fee details. For further information, feel free to call 1-204-727-9724 or check out the following link for fee specifics: <http://www.brandonu.ca/finance/student-resources/tuition-info/>.

4.2.5 GRADUATE REINSTATEMENT FEE

Students continuing in any graduate program who do not register in one or more academic years and who fail to pay the Graduate Continuing Registration Fee as described above will be required to pay the Graduate Reinstatement Fee before being permitted further registrations.

4.3 PAYMENT OF FEES

All fees are due at the time of registration or by the required deadline as follows:

Sessions	Payment Deadline	Minimum Payment
Spring/Summer	Ten days prior to start of session	Total Fees
Fall	September 7, 2016	Term 1 Total Fees
Winter	January 4, 2017	All remaining fees

Fees can be mailed to Financial & Registration Services, 270 18th Street, Brandon University, Brandon, Manitoba R7A 6A9. Cheques or money orders issued for the payment of fees should be made payable to Brandon University. In person payments can be made at Financial & Registration Services, located on the 2nd floor of the Clark Hall Building via cash, cheque, money order or debit card. There will be a surcharge when cheques are returned as unable to be cleared by the bank. Students are assessed fees according to the approved tuition fee schedule. Fees can also be paid online through the Brandon University web site <https://www.brandonu.ca/pay/> with the TelPay link, or with the link to most major financial institutions. Payment may also be made online through PLASTIQ, a third party independent service provider of credit card payments. PlastiQ charges a transaction fee which goes directly to PlastiQ and NOT to the University.

4.4.1 NON-PAYMENT OF FEES

Students who neglect to pay fees as required will be de-registered. A fee is charged for reinstatement.

Marks will not be released until all debts to the University have been paid in full with Financial & Registration Services. Students will not be eligible for graduation until their marks are released.

4.4.2 REINSTATEMENT

For students who have been de-registered due to non-payment, the final date for reinstatement of registration is the last date of classes as approved in Important Dates (see page 7).

4.4.3 INCOME TAX RECEIPTS

Official Tuition Fee Receipts and Education Deduction Certificates (T2202A) to support claims for income tax exemptions will be available to print from the Student Information portal on the BU website by February 28 each year. Duplicates may be issued for a fee upon request.

4.5 REFUNDABLE FEES

Tuition and some fees may be refundable upon completion of course withdrawal within the period identified in the refund schedule: <https://www.brandonu.ca/finance/student-resources/tuition-info/>. It is the student's responsibility to withdraw from any course(s) by submitting a Registration Change form or by using the BU Online Registration System: <https://liszt.brandonu.ca/BUOnline/BUStart/Logon.aspx>.

Students should note that refund dates differ from registration dates. Any refundable portion of tuition and fees will be calculated only from the date on which Financial & Registration Services has been notified of course withdrawal.

4.6 NON-REFUNDABLE FEES

The following fees are not refundable after the start date of the applicable session/term: all miscellaneous fees, senior citizen registration, Student Union membership fee, WUSC fee, Canadian Federation of Student's fee, UPASS fee, SUDS fee, Building fund fee, Quill levy, Student Services fee, Technology fees, ID card fee, Student Fitness fee, and Copyright fee.

4.7 MISCELLANEOUS FEES

For information on additional fees that may apply, consult the Miscellaneous Fee Schedule at <http://www.brandonu.ca/finance/student-resources/tuition-info/>.

4.7.1 LOCKERS

Lockers, other than in the Healthy Living Centre and the Education Building, may be rented at Financial & Registration Services. A partial refund will be made when lockers are vacated by the assigned date and locks returned in good order. Lockers must be vacated. The University will dispose of all items found in lockers after this date.

All fee schedules for yearly lockers, equipment rentals, memberships and or Campus recreation fitness classes and club programs are posted in the facility or on the <http://gobobcats.ca/> website.

4.7.2 PARKING FEES

All students with automobiles should make application for parking well in advance, as space is limited. Applications will begin to be accepted around the beginning of May for the following academic year. Regular, part-time and evening students with automobiles must abide by the regulations posted from time to time, and must pay any fine levied for the violation of traffic rules. A copy of Brandon University Parking Regulations can be obtained from the Ancillary Services Office (Main Floor, McMaster Complex) or at <https://www.brandonu.ca/parking/>.

4.7.3 RESIDENCE FEES

For students living in one of the Brandon University Residences, residence fees will be charged to the student account. Fees must be paid in accordance with the deadlines published (see page 18). Detailed information pertaining to residence application and policies can be obtained from <https://www.brandonu.ca/residence/>.

SECTION 5. EDUCATION GRADUATE STUDIES**Dean**

H. Duncan, B.Sc., M.Ed., Ph.D. duncanh@brandonu.ca

Chair

C. Brown, B.A., B.Ed., M.Ed., M.Ed., Ph.D., C.C.C. brownc@brandonu.ca

5.1 ADMISSIONS REQUIREMENTS

For General Admission Regulations for entry to Brandon University please see page 9.

Students entering the Graduate Studies Program in Education are admitted via course route. After 9 credit hours of academic excellence, usually in the core courses, students may apply for thesis route using the online thesis application form.

5.1.1 ADMISSION, GRADUATE DIPLOMA IN EDUCATION

Admission to the program has been discontinued; no new admissions will be accepted (effective January 2016). Inquiries can be directed to (204) 727-7406 or gradstudies.education@brandonu.ca.

5.1.2 ADMISSION, MASTER OF EDUCATION

Prior to applying to the Master of Education Degree, students are strongly advised to approach the Chair of the Graduate Studies Program, Faculty of Education for information and guidance in working through graduate studies. It is expected that once accepted into the program,

graduate students will take the initiative to discuss with their assigned program advisors or the Chair of the Graduate Studies Program, Faculty of Education all matters related to programs, courses, practicum, and the selection of Faculty supervisor(s) for their thesis.

1. A B.Ed. degree, *
2. A valid teaching certificate, *
3. A minimum of two years teaching experience is normally required, *
4. Two letters of reference, attesting to candidate's ability to pursue graduate studies, character and teaching ability,
5. A minimum grade point average of 3.0,
6. Competence in spoken and written English. Written English competence will be measured by a graduate pre-admission writing test (600 word essay).
7. International students must submit one of the following:
 - a minimum TOEFL score of 580 (written) or 92 (internet based)
 - a minimum score of 7.0 on the International English Language Testing System (IELTS)
 - a minimum score of 85 on the Michigan English Language Assessment Battery (MELAB)
 - a minimum score of 4 on the Certificate of Proficiency in English (COPE)
8. English for Academic Purposes (EAP) students must complete Tier 4 with 75% in each and every course, combined with CanTEST scores of 5.0 on the Reading and Listening measures, and 4.5 on the Oral and Written measures.

* Only in exceptional circumstances will applicants without a B.Ed. degree be considered for admission. Applicants with a relevant undergraduate degree and professional experience may apply.

Applicants are strongly advised to consult the Faculty of Education Graduate Studies Program or the Brandon University Graduate website for curriculum changes.

5.2 MASTER OF EDUCATION DEGREE PROGRAMS

5.2.1 PROGRAM REGULATIONS

The Master of Education is a 36 credit hour program. All students applying to the M.Ed. programs will be admitted via the course work route.

Students entering the Graduate Studies Program in Education are admitted via the course route. After 9 credit hours of academic excellence, usually in the core courses, students may apply to the thesis route by contacting facultivedgrad@brandonu.ca.

The current areas of specialization for studies include: Curriculum & Instruction, Educational Administration, Guidance and Counselling, and Special Education. All components of a student's program must be approved by the Chair of Graduate Studies Program, Faculty of Education in accordance with the University Calendar, unless approved by the Graduate Education Committee.

Time Limitation of Program

The course work of the program must be completed within a maximum period of six years from the date of admission. The thesis should be completed within a period of three years, after the completion of the course work. Those students who may require an extension for the thesis must seek approval from the Graduate Education Committee.

At such time as a student exhausts the extension option, the student may apply for re-admission. At that time, his/her entire program will be reviewed and a revised program developed.

5.2.2 ADMISSION WITH ADVANCED STANDING

Applicants may be granted advanced standing on the basis of the course work completed (*e.g.* pre-Master's program at University of Manitoba, or Graduate Diploma in Education). Such credit will be granted at the discretion of the Chair of Graduate Studies Program. In doing so, consideration may be given to a student's prior course work, the program of study desired and experience acquired.

5.2.3 TRANSFER CREDIT

Other than those arranged through inter-institutional agreement, a maximum of 6 credit hours of course work may be transferred into a student's program. Such courses must be approved by the Chair of Graduate Studies Program, Faculty of Education.

5.2.4 ACADEMIC PERFORMANCE REQUIREMENT

Within the Master of Education program, a minimum cumulative GPA of 3.0 for the first 30 credit hours must be maintained for continuation in the program.

Any student falling below the minimum required will be placed on *Academic Probation* for the following 9 credit hours of registration. During Academic Probation, registration must be approved by the Dean, who may impose restrictions on the courses approved (*e.g.*, on the total number of credit hours chosen during a single term and on specific courses selected).

The GPA achieved during the 9 credit hours spent under Probation must not fall below 3.0. Failure to achieve a sessional GPA of at least 3.0 within those 9 credit hours will result in **Academic Suspension** for a period of 12 months. Students placed on Academic Suspension may be readmitted on appeal to the Graduate Education Committee and the Graduate Studies Committee of Senate. Failure to meet the academic performance requirements set by the Committee will result in removal from the program.

With the permission of the Graduate Education Committee, the student may repeat, once, a course for which the grade was below “B”.

A minimum grade of “B” must be attained in all courses counted toward the Master of Education degree. Students who acquire in excess of 9 credit hours below this minimum in their programs will be denied further registration.

5.2.5 STUDENT PROGRAM ADVISOR

All program advising will normally be done by the Chair of Graduate Studies Program, Faculty of Education to ensure that the student’s program meets the requirements of the Department and the University Calendar.

5.2.6 STUDENT ADVISOR: THESIS

A student’s thesis advisor will normally be selected by the student and approved by the Graduate Education Committee

5.2.7 RESIDENCE REQUIREMENT

Normally a minimum of 24 credit hours awarded by Brandon University is required to satisfy the program requirement, of which at least 6 credit hours must be completed on campus. Students may utilize a maximum of 12 credit hours from other institutions in this program.

5.2.8 THESIS REQUIREMENTS AND PROCEDURES

Before preparing their thesis proposals, students should consult the GUIDELINES FOR THESIS documents prepared by the Department of Graduate Studies program.

Master of Education students in the research track are required to submit an electronic version of their thesis or project for inclusion in the online Canada Thesis Portal research repository. <http://www.brandonu.ca/education-graduate-studies/projectthesispracticum-guidelines/>.

5.2.9 STUDENT APPEALS

When a student disagrees with the academic decision(s) of the Chair of Graduate Studies Program, Faculty of Education the student may appeal to the Graduate Studies Committee of Senate whose decision is final.

5.3 PROGRAM REQUIREMENTS

Students admitted to the Master of Education degree program will be required to complete a minimum of 36 credit hours. The current areas of specialization for studies include: Curriculum & Instruction, Educational Administration, Guidance and Counselling, and Special Education. All components of a student’s program must be approved by the Chair of Graduate Studies Program, Faculty of Education in accordance with the University Calendar, unless approved by the Graduate Education Committee.

The general structures of the programs are specified as follows:

5.3.1 SPECIALIZATION IN CURRICULUM AND INSTRUCTION

The Curriculum and Instruction program is currently under revision.

Required:	Course Courses	9
Required:	Specialization Courses	18
Choose Electives:	Completion Courses	9
	Total:	36

Required Core Courses:

	<i>For all Specializations</i>	9
Choose:	one of the following	3
07:714	Educational Research Methods	
07:751	Interpreting Educational Research	
Plus:	both of the following	6
07:752	Overview of Educational Issues	
07:780	Graduate Scholarly Writing	

Specialization Courses - Select one stream

1. Instructional Specialization		18
02:780	Introduction to Curriculum	3
02:781	Advanced Instructional Methodologies	3
	Trends & Developments I/II courses (specific area)	6
Choose one:		
02:783	Implementation & Evaluation of Curricular Change	3

02:752	Trends & Issues in Curriculum Research & Development	3
Choose one:		
	Trends & Development in a second subject area	
02:799	Graduate Research Seminar in Education	3
02:753	Reading in Curriculum & Instruction	3
07:754	Practicum in Education	3

2. Curriculum Specialization		18
02:780	Introduction to Curriculum	3
02:782	Curriculum Planning & Materials Design & Development	3
02:783	Implementation & Evaluation of Curricular Change	6
Choose one:		
02:774	Curriculum Adaptation for Multicultural Settings	3
02:784	Curriculum Development in Rural, Aboriginal & Northern Schools	3
Choose one:		
02:753	Readings in Curriculum & Instruction	3
02:781	Advanced Instructional Methodologies	3
02:799	Graduate Research Seminar in Education	3
07:753	Seminar in Education: Rural, Aboriginal & Northern Educational Issues	3

3. ELA Specialization		18
02:780	Introduction to Curriculum	3
02:781	Advanced Instructional Methodologies	3
	Trends & Developments I in each of language arts or reading	6
	Trends & Developments II in either language arts or reading	3
Choose one:		
02:752	Trends & Issues in Curriculum Research & Development	3
02:783	Implementation & Evaluation of Curricular Change	3

Completion Routes - Select one

1. Course Work Route		9
07:750	Graduate Summative Seminar	3
Choose two: Electives (from list below)		
	Trends & Developments I/II courses (specific area)	6

2. Thesis Route		9
07:770	Thesis	9

Electives		
	Trends & Developments in a second subject area	
02:752	Trends & Issues in Curriculum Research & Development	
02:753	Reading in Curriculum & Instruction	
02:799	Graduate Research Seminar in Education	
07:753	Seminar in Education: Rural,; Aboriginal & Northern Educational Issues	
07:754	Practicum in Education (max 6 cr. hrs. in program)	
07:780	Graduate Scholarly Writing	
07:798	Selected Topics in Education	
	other graduate courses from Dept. 02 and/or 03	
	entry level graduate courses from Dept. 01, 04, 05	

5.3.2 SPECIALIZATION IN EDUCATIONAL ADMINISTRATION

Required:	Core Courses	9
Required:	Specialization Courses	15
Choose Electives:	Completion Courses	12
	Total:	36

Required Core Courses:

	<i>For all Specializations</i>	15
07:751	Interpreting Educational Research (or 07.714 Educational Research Methods)	3
07:752	Overview of Educational Issues	3
07:780	Graduate Scholarly Writing	3

	<i>Required Specialization Courses</i>	15
01:752	Introduction to Educational Administration	3
01:755	Administrative Leadership in Educational Institutions	3
01:757	Supervisory Policy and Practice	3
01:758	School Administration and the Law	3
02:780	Introduction to Curriculum	3

Completion Routes – Select One

1. Course Work Route		12
07:750	Graduate Summative Seminar	3
	<i>Choose three: Electives (from list below)</i>	9

2. Thesis Route		12
07:770	Thesis	9
07:714	Educational Research Methods	3

<i>Electives</i>		
01:754	History & Development of Organizational Theory	
01:759	Introduction to Educational Planning	
01:760	Organizational Development in Education	
01:762	The Economic Context of Educational Administration	
01:763	Technological Applications in Educational Administration	
01:764	The Community, the School & the Classroom Teacher	
01:765	Introduction to the Politics of Education	
01:766	Introduction to the Context of Rural Education	
01:767	Development & Administration of Aboriginal Education in Canada	
01:768	Current Issues in Aboriginal Education	
01:769	Practicum in Educational Administration	
01:775	Introduction to Adult Education	
01:776	Program Planning & Evaluation in Adult Education	
01:777	Seminar in Adult Teaching & Learning	
01:790	Graduate Research Seminar in Educational Administration	
04:704	Guidance and Counselling Interventions	
07:714	Educational Research Methods	
07:753	Seminar in Education: Rural, Aboriginal & Northern Educational Issues	
07:765	Qualitative Research Methods	
07:798	Selected Topics in Education	
Note:	Students in the thesis route may also request an independent reading course	

5.3.3 SPECIALIZATION IN SPECIAL EDUCATION

Required:	Core Courses	9
Required:	Specialization Courses	15
Choose Electives:	Completion Courses	12
	Total:	36

Required Core Courses:

	<i>For all Specializations</i>	15
07:751	Interpreting Educational Research (or 07.714 Educational Research Methods)	3
07:752	Overview of Educational Issues	3
07:780	Graduate Scholarly Writing	3

	<i>Required Specialization Courses</i>	18
04:706	Theory & Practice in Standardized Assessment	3
04:750	Education of Exceptional Children I	3
04:751	Education of Exceptional Children II	3
04:756	Education of Children with Behavioural Disorders I	3
04:757	Education of Children with Behavioural Disorders II	3
04:761	Assessment in Special Education	3

Completion Routes – Select One

1. Course Work Route		9
07:750	Graduate Summative Seminar	3
<i>Choose two:</i> Electives (from list below)		6

2. Thesis Route		9
07:714	Educational Research Methods	3
07:770	Thesis	9

<i>Electives</i> (Approved for Special Education Certificate)		
01:722	Early Childhood Curriculum & Instruction	
01:723	Designing Curriculum For Early Childhood	
01:724	Children’s Play and Learning	
02:740	Trends in Teaching Early/Middle Years Language Arts I	
02:741	Trends in Teaching Early/Middle Years Language Arts II	
02:742	Trends in Teaching Early/Middle Years Developmental Readings I	
02:743	Trends in Teaching Early/Middle Years Developmental Readings II	
02:744	Diagnostic & Remedial Reading I	
02:745	Diagnostic & Remedial Reading II	
02:755	Teaching, Thinking Strategies	
02:774	Curriculum Adaptation for Multicultural Settings	
02:780	Introduction to Curriculum	
02:782	Curriculum Planning & Materials Design & Development	
02:786	Trends & Issues in Literacy Difficulties	
02:787	Trends & Issues in Literary Theories	
02:788	Trends & Issues in Literary Development	
03:760	Trends & Developments in the Teaching of Early/Middle Years Math I	
03:761	Trends & Developments in the Teaching of Early/Middle Years Math II	
03:762	Trends & Developments in the Teaching of Early/Senior Years Math I	
03:763	Trends & Developments in the Teaching of Early/Senior Years Math II	

04:700	Educational Process: Developmental Stages
04:701	Educational Process: Adolescent
04:702	Educational Psychology: Foundations of Education
04:703	Educational Psychology: Human Learning, Intelligence & Instruction
04:704	Guidance & Counselling Interventions
04:707	Theory & Practice of Assessment in the Classroom
04:708	Introduction to Counselling: Helping Relationships
04:709	Counselling Theory and Practice
04:710	Career Guidance
04:722	Sociology of Education I
04:723	Sociology of Education II
04:724	Cultures and Education I
04:725	Cultures and Education II
04:728	Comparative Education I
04:729	Comparative Education II
04:730	Current Issues in Counselling
04:732	Theory & Practice of Small Group Leadership in Education
04:733	Group Guidance & Counselling
04:735	Individualized Testing
04:752	Education of Children with Intellectual Disabilities I
04:753	Education of Children with Intellectual Disabilities II
04:754	Education of Children with Learning Disabilities I
04:755	Education of Children with Learning Disabilities II
04:758	Curriculum for Children with Intellectual Disabilities
04:759	Readings & Research in Special Education
04:760	Education of Children who are Gifted, Talented and Creative
04:762	Including Children with Exceptionalities
04:763	Practicum in Special Education I
04:764	Practicum in Special Education II
04:766	Gender and Education
04:767	Assessment for Counsellors
04:773	Language Acquisition & Communication Disorders
04:774	Introduction to Expressive Therapies
04:775	Consultancy and Collaboration in Special Education
04:776	Resilience, Risk and Special Education
04:777	Spirituality in Counselling
04:778	Satir Methods in Counselling I
04:779	Classroom Assessment For/Of/As Student Learning
04:799	Graduate Research Seminar in Education
07:798	Selected Topics in Education

5.3.4 SPECIALIZATION IN GUIDANCE AND COUNSELLING

Prerequisite: convocation of 30 credit hours Graduate Diploma in Education (Guidance & Counselling).

Required:	Core Courses	9
Required:	Specialization Courses	15
Choose Electives:	Completion Courses	12
	Total:	36

Required Core Courses:

	Core Courses	9
07:751	Interpreting Educational Research (or 07.714 Educational Research Methods)	3
07:752	Overview of Educational Issues	3
07:780	Graduate Scholarly Writing	3

	Required Specialization Courses	15
04:708	Introduction to Counselling: Helping Relationships	3
04:709	Counselling Theory & Practice	3
04:733	Group Counselling	3
04:768	Ethical, Legal and Cultural Issues for Counsellors	3
04:772	Practicum in Counselling I	3

Completion Routes – Select One

	1. Course Work Route	12
07:750	Graduate Summative Seminar	3
	Choose three: Electives (from list below)	9

	2. Thesis Route	12
07:770	Thesis	9
07:714	Educational Research Methods	3

	Electives	
02:780	Introduction to Curriculum	
04:700*	Educational Process: Developmental Stages	
04:701*	Educational Process: Adolescent	
04:703*	Educational Psychology: Human Learning, Intelligence & Instruction	
04:704*	Guidance & Counselling Interventions	
04:705*	Guidance & the Classroom Teacher	
04:706*	Theory & Practice of Standardized Assessment	
04:710*	Career Guidance	
04:724	Cultures and Education I	
04:725	Cultures and Education II	
04:730*	Current Issues in Counselling	
04:750	Education of Exceptional Children I	
04:751	Education of Exceptional Children II	
04:754	Education of Children with Learning Disabilities I	
04:755	Education of Children with Learning Disabilities II	
04:756	Education of Children with Behavioural Disorders I	
04:757	Education of Children with Behavioural Disorders II	
04:758	Curriculum for Children with Intellectual Disabilities	
04:760	Education of Children Who Are Gifted, Talented, Creative	
04:761	Assessment in Special Education	
04:766	Gender and Education	
04:767	Assessment for Counsellors	
04:769	Aboriginal Counselling Theory and Practice	
04:770	Intercultural Counselling	
04:774	Introduction to Expressive Therapies	
04:777	Spirituality in Counselling	

04:778	Satir Methods in Counselling I
04:781	Satir Methods in Counselling II
04:782	Practicum in Counselling II
04:799	Graduate Research Seminar in Education
07:714	Educational Research Methods
07:715	Advanced Quantitative Research Methods
07:765	Qualitative Research Methods
07:798	Selected Topics in Education

5.3.5 PROGRAM REQUIREMENTS FOR A SECOND MASTER OF EDUCATION DEGREE

Students who have obtained their first M.Ed. degree from Brandon University must complete, for a second M.Ed. degree, a minimum of 24 additional credit hours that include:

- 15 - 18 credit hours of course work in a new specialization; and
- in addition to the core courses, students with a 36 credit hour M.Ed. will include 6 - 9 credit hours of approve electives, and/or research;
- in addition to the core courses, students with a 54 credit hour M.Ed. will include Educational core courses in their second M.Ed., (e.g., Overview of Educational Issues, Interpreting Educational and Graduate Scholarly Writing), unless their first degree contained equivalent course work. In that case, approved electives may be substituted.

5.4 COURSE TIMETABLING

Students should note that not all courses listed in the calendar will be offered in any one year as many of the courses are cycled. Students wishing to enroll in courses not listed in the timetable registration guide, for example Physical Education or Adult Education courses, may do so as arranged on an individual basis, through the Chair of Graduate Studies Program, Faculty of Education.

COURSE DESCRIPTIONS

LEADERSHIP AND ADMINISTRATION (01)

Note: Students are reminded that the courses as listed below may or may not be offered in any given year. Please check the Registration Guide for the final listing at: <http://www.brandonu.ca/registration/>.

01:720 ADVANCED PRE-SCHOOL EDUCATION (3)

Prerequisite: 01:221 or approval of the Chair of Graduate Studies Program, Faculty of Education.

Students will be part of observation-participation teams. Course work will examine the more recent pre-school programs. It will include intensive study in the specialized pre-school or kindergarten interest area, in case studies of individual children and in work with parents.

01:722 EARLY CHILDHOOD CURRICULUM AND INSTRUCTION (3)

Prerequisite: 01:332 or approval of Chair of the Graduate Studies Department Program, Faculty of Education.

An in-depth examination of recent programs, instructional approaches and techniques relevant to the education of young children, e.g., the Integrated Day Plan, Piagetian-derived programs, the rediscovered Montessori school. The course will focus on the relationship of theory and practice to teaching.

01:723 DESIGNING CURRICULUM FOR EARLY CHILDHOOD (3)

Prerequisite: 01:722 or approval of Chair of the Graduate Studies Program, Faculty of Education.

A study of pre- and primary school programs and their relationship to the development and learning of the young child. Emphasis will be placed upon students' participation in developing an integrated curriculum for pre-school, kindergarten and primary grades.

01:724 CHILDREN'S PLAY AND LEARNING (3)

Prerequisite: 01:322 or approval of Chair of the Graduate Studies Program, Faculty of Education.

This course examines the meaning and development of play during the pre-school and primary years. Manifestations of play will be discussed in the light of development and learning. The role of play in the social, emotional, and cognitive development of the child as well as the individual's capacity for creative activity will be closely analyzed.

01:752 INTRODUCTION TO EDUCATIONAL ADMINISTRATION (3)

Prerequisite: Nil.

This introductory overview course examines the purpose, structure, and function of educational organizations, with emphasis placed on formal structural arrangements and on informal groups and individuals addressing their interrelationships in the school settings. The course is intended to introduce students to areas that will be addressed in more depth in succeeding courses, and will include attention to decision-making; communication; authority, power, and influence; group leadership; conflict management; organizational culture; school planning and improvement; administrator-staff relationships; school-community relations; and law. The course will make use of in-basket activities as a process

to address contextual issues.

3 lecture hours per week, one term.

01:754 HISTORY AND DEVELOPMENT OF ORGANIZATION THEORY (3)

Prerequisite: 01:752.

This class traces major theories in the evolution of organizational thought, and examines recent trends in the study of organizations. A variety of schools of thought are investigated and utilized as perspectives from which to view educational organizations, including scientific management (classical), human relations, and human resource movements. The course focuses, as well, on the study of modernism, postmodernism, and critical theory, and introduces students to analysis and critique of communitarian and liberal approaches to education. Students become acquainted with the impact of underlying theories-in-use on the structure and functions of the educational systems.

3 lecture hours per week, one term.

01:755 ADMINISTRATIVE LEADERSHIP IN EDUCATIONAL INSTITUTIONS (3)

Prerequisite: 01:752.

This course will introduce students to theories of leadership from over the ages, from early to contemporary times, and will include a study of leadership as it relates specifically to the school context. Students will analyze their own leadership theory and use it to articulate the leadership skills that they might use in, for example, instructional mentoring, problem-solving, decision-making, group discussion, and planning for change procedures.

3 lecture hours per week, one term.

01:757 SUPERVISORY POLICY AND PRACTICE (3)

Prerequisite: 01:752.

This course deals with current behavioral theory and research with application to issues of staffing, supervision and evaluation. Topics such as selection, assignment, and assessment of teaching and non-teaching personnel will be closely examined. Students will examine the nature of supervision and evaluation, both generally, with reference to theory and approach, and particularly, with reference to their own preference professional practice. Candidates will be afforded the opportunity to examine and compare a variety of supervisory models and to formulate a contextually relevant model that can be communicated to constituents in the field.

3 lecture hours per week, one term.

01:758 SCHOOL ADMINISTRATION AND THE LAW (3)

Prerequisite: 01:752.

This course examines the impact of common, statute, and case law, as well as regulations, on education and schools. An exploration of the legal context of school administration provides an understanding of the rights and responsibilities of students, parents, teachers, administrators, and employers. Students will also examine the responsibility of the educational system to meet the needs of children and youth so as to prevent their engagement in criminalized activities.

3 lecture hours per week, one term.

01:759 INTRODUCTION TO EDUCATIONAL PLANNING (3)

Prerequisite: Nil.

This course, designed for the K-12 Education system, consists of theoretical and practical components designed to assist practicing principals as they develop their school plan. The concentrated theoretical component will allow the administrator to read and to discuss relevant literature with their colleagues, with the purpose of devising not only the plan but also a working model for how they will bring the school plan to fruition. A significant portion of the course will be focused on developing and using a data set, including school vision, mission, and profile documents that will serve to inform the planning process and to enhance implementation and assessment strategies.

3 lecture hours per week, one term.

01:760 ORGANIZATIONAL DEVELOPMENT IN EDUCATION (3)

Prerequisite: 01:752.

This course is designed to address three aspects - culture, change, and change agency - with reference to both theory and practice. Students will explore the manner in which organizations are structured, with particular emphasis on organizational culture and change at the school level. Throughout the course, in a progressive manner, students will be afforded the opportunity to examine their particular school culture, to analyze a change process that they have to/would like to introduce, and to assess how they might best serve as a change agent in the particular area of need.

3 lecture hours per week, one term.

01:762 THE ECONOMIC CONTEXT OF EDUCATIONAL ADMINISTRATION (3)

Prerequisite: 01:752.

This course assesses relationships between economics and education, examines the present system of financing Canadian education, and explores some techniques of budgeting for school expenses. Funding formulae for public, private, and band-controlled contexts are examined. Education is critiqued as a productive and competitive activity in society, with its economic foundations reflecting the current societal areas of focus (e.g., education for employment). Students will also explore areas for possible supplementary funding of education projects and programs (e.g., special education), with attention to various funding agencies and to proposal-writing and grant-reporting processes.

3 lecture hours per week, one term.

01:763 TECHNOLOGICAL APPLICATIONS IN EDUCATIONAL ADMINISTRATION (3)

Prerequisite: 03:361 or 03:362 or permission of Instructor.

This course explores the theory and practice of integrating technology in the area of educational administration. Students will become more

adept in the use of current technology to strengthen classroom instruction and to assist school managerial and financial functions.
3 lecture hours per week, one term.

01:764 THE COMMUNITY, THE SCHOOL AND THE CLASSROOM TEACHER (3)

Prerequisite: Nil.

This course explores the relationship amongst the classroom teacher, the school, and the community-at-large, in both the traditional setting of the public school system, as well as alternative school settings. The practical steps appropriate to the achievement of excellent community relationships will receive attention through the analysis of various resource materials, an exploration of models of communities and schools, and a discussion about key issues that impact school/community relationships.

3 lecture hours per week, one term.

01:765 INTRODUCTION TO THE POLITICS OF EDUCATION (3)

Prerequisite: Nil.

This course will introduce students to the dynamics of education politics, including the examination of the negotiations that result in the definitional, institutional, and curricular direction of education. It will focus on key elements of political analysis, including central issues to education decision-makers, the decision-making process, and outcomes of those decisions, emphasizing the development of pertinent policy. Such a focus will allow students to analyze the structures a certain forum (*e.g.*, school board meeting) or a particular group (*e.g.*, Manitoba Teachers Society) for its political ambiance, both generally, with reference to theory and approach, and particularly, with reference to specific practices.

3 lecture hours per week, one term.

01:766 INTRODUCTION TO THE CONTEXT OF RURAL EDUCATION (3)

Prerequisite: Nil.

This course will provide an overview of the historical, social, political, and economic relationships of the school in rural communities. In particular, matters of relevance to the school in relation to rural depopulation and to the erosion of the farm economy will be addressed. A review of the issues involved in school division amalgamation will be included. This course will involve a substantial practical component - a case study of a rural context - with the purpose of exploring the role of education in the sustenance and vitality of rural communities.

3 lecture hours per week, one term.

01:767 DEVELOPMENT & ADMINISTRATION OF ABORIGINAL EDUCATION IN CANADA (3)

Prerequisite: Nil.

This course provides a critical examination of the current developments in Aboriginal education. Particular emphasis will be placed on the development of a variety of models of school systems, their conceptual and philosophical bases; managerial, organizational, and decision-making structures; communication systems; and community relationships. The nature of education in band-controlled and of Aboriginal education rural and urban public settings, as well as the role and responsibilities of various levels of government with reference to Aboriginal education, will be examined. Credit cannot be held for both this course and 01:527 or 01:567.

3 lecture hours per week, one term.

01:768 CURRENT ISSUES IN ABORIGINAL EDUCATION (3)

Prerequisite: Nil.

This course will help the student understand current educational issues, both general and specific, related to Aboriginal people and school systems. Important issues concerning finance, equity, quality, equality, management and training, curriculum, language, literacy, and higher-level services will receive attention through a variety of instructional strategies. The range of topics addressed under these issues may include academic achievement, school completion, teacher education, language retention and revival, oral traditions, and social and health services.

3 lecture hours per week, one term.

01:769 PRACTICUM IN EDUCATIONAL ADMINISTRATION (3)

Prerequisite: Approval of the Chair of the Graduate Studies Program, Faculty of Education and availability of supervisor. The practicum experience is an individually structured activity. The student will provide a formative critique of administrative skills and competencies related to the individual's formal preparation, experience, and professional practice. Several aspects of administrative competency may be identified as areas of concentration. On-going review and diagnostic assessment will be conducted by the participant, the practicing administrator, and the university practicum supervisor.

3 lecture hours per week, one term.

01:775 INTRODUCTION TO ADULT EDUCATION (3)

Prerequisite: Nil.

This course outlines the historical development of adult education and includes an examination of the philosophical and conceptual bases of the field. Issues and trends in the practice of adult education are also examined. Reference is made to the provision of education for adults in the Canadian context.

3 lecture hours per week, one term.

01:776 PROGRAM PLANNING AND EVALUATION IN ADULT EDUCATION (3)

Prerequisite: 01:775 or approval of the Chair of the Graduate Studies Program, Faculty of Education.

This course will provide an introduction to the basic principles and processes involved in the planning and evaluation of programs for adult learners. Issues, areas of concern, and relationships relevant to the context of program planning will be highlighted. Some field work is a necessary part of this course.

3 lecture hours per week, one term.

01:777 SEMINAR IN ADULT TEACHING AND LEARNING (3)

Prerequisite: 01:575 or approval of the Chair of the Graduate Studies Program, Faculty of Education.

The course explores the changing needs and capabilities of adult learning and development in different stages of life. Psychological and situational conditions conducive to optimal learning and teaching will be examined in the light of theory and recent research findings.

3 lecture hours per week, one term.

01:790 GRADUATE RESEARCH SEMINAR IN EDUCATIONAL ADMINISTRATION (3)

Prerequisite: Approval of the Chair of Graduate Studies Program, Faculty of Education.

The seminar is designed to deal with the intra-organizational innovation and change in curriculum, professional practice, and technology in teaching and school administration, as well as forms shaping the school system. Through research, directed readings, and discussion, each student will consider a particular topic in depth. A major comprehensive paper or applications project demonstrating the student's knowledge and depth of understanding will be completed and presented.

3 lecture hours per week, one term.

CURRICULUM FOUNDATIONS (02)**COURSE DESCRIPTIONS**

Note: Students are reminded that the courses as listed below may or may not be offered in any given year. Please check the Registration Guide for the final listing at: <http://www.brandonu.ca/registration/>.

02:730 DEVELOPMENTS IN THE TEACHING OF SECOND LANGUAGES I (3)

Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.

The philosophy, content and teaching procedures of recent programs for teaching second languages.

02:731 DEVELOPMENTS IN THE TEACHING OF SECOND LANGUAGES II (3)

Prerequisite: 02:730.

This course is a continuation of 02:730 and will address recent advances in the teaching of second languages.

02:740 TRENDS IN THE TEACHING OF EARLY/MIDDLE YEARS LANGUAGE ARTS I (3)

Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.

These courses are designed to help qualified teachers keep abreast of the changing content and shifting trends in the teaching of language arts in the Early and Middle Years.

3 lecture hours per week, one term.

02:741 TRENDS IN THE TEACHING OF EARLY/MIDDLE YEARS LANGUAGE ARTS II (3)

Prerequisite: 02:740.

An extension of the topics covered in 02:740 including an analysis of current research in the field and its implications for the classroom teacher.

3 lecture hours per week, one term.

02:742 TRENDS IN THE TEACHING OF EARLY/MIDDLE YEARS DEVELOPMENTAL READING I (3)

Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.

The developmental aspects of reading with regard to both the learner and the reading-learning process are examined. Beginning with the role of language in reading and a study of the psychology of the reading process the course proceeds to outline the role of the teacher in planning to make meaning, language and learning work together in the instructional process. Some attention is given to evaluative, diagnostic and remedial techniques and students are given the opportunity to study at least one area of interest in depth. Materials illustrating current methods of teaching reading are provided and probable future directions are discussed.

3 lecture hours per week, one term.

02:743 TRENDS IN THE TEACHING OF EARLY/MIDDLE YEARS DEVELOPMENTAL READING II (3)

Prerequisite: 02:742 or permission of the Instructor.

The role of the teacher in planning the instructional process is explored through evaluative, diagnostic, and remedial techniques used, with at least one area of interest pursued in depth.

3 lecture hours per week, one term.

02:744 DIAGNOSTIC AND REMEDIAL READING I (3)

Prerequisite: 02:742, 02:743 or permission of Instructor.

Diagnostic materials and techniques which have proved helpful in indicating specific plans of remediation. Remediation programs and procedures will also be examined. The essential tie between diagnosis and remediation will serve as the focal point.

02:745 DIAGNOSTIC AND REMEDIAL READING II (3)

Prerequisite: 02:744 or permission of Instructor.

An extension of course 02:744.

- 02:750 DEVELOPMENTS AND ISSUES IN THE TEACHING OF LANGUAGE AND COMPOSITION IN THE MIDDLE/SENIOR YEARS (3)**
 Prerequisite: 02:453/454, or equivalent.
 This course is designed to provide (prospective) teachers with an opportunity to study recent developments and current issues in the teaching of linguistics, rhetoric, stylistics, and composing which have a direct relationship with classroom practice. Students will also be given an opportunity to develop their skills in writing artful and effective compositions.
 3 lecture hours per week, one term.
- 02:751 DEVELOPMENTS AND ISSUES IN THE TEACHING OF LITERATURE IN THE MIDDLE/SENIOR YEARS (3)**
 Prerequisite: 02:453/454, or equivalent.
 This course is designed to provide (prospective) teachers with an opportunity to study recent developments and current issues in the teaching of literature: the role of literary criticism, structure in literature, literature-based curriculum development, the literature teacher as reading teacher, response to literature, intensive versus extensive literature approaches, censorship, and other appropriate topics. The emphasis will be on the classroom implications for the secondary English teacher.
 3 lecture hours per week, one term.
- 02:752 TRENDS AND ISSUES IN CURRICULUM RESEARCH AND DEVELOPMENT (3)**
 Prerequisite: 6 cr. hrs. of methods at the 700 level.
 Contemporary school curriculum issues will be examined in the context of catalysts of change and strategies of change in the schools.
 3 lecture hours per week, one term.
- 02:753 READINGS IN CURRICULUM AND INSTRUCTION (3)**
 Prerequisite: 6 cr. hrs. of Methods at the 700 level and 02:780.
 This course is designed to provide individuals with an opportunity to study in an area of the student's own interest. Completion of the course requires intensive reading under the guidance of a faculty advisor. A major paper or curriculum project will be required.
 3 lecture hours per week, one term.
- 02:755 TEACHING THINKING STRATEGIES (3)**
 Prerequisite: 02:455 or permission of Instructor.
 This course is designed to provide prospective teachers with a comprehensive overview of programs that are available for teaching students to think effectively. A review of recent research in the area will be followed by a discussion of program rationale and an in-depth look at strategies for teaching students to process information and ideas more effectively. Classroom application will be emphasized.
- 02:760 TRENDS IN THE TEACHING OF EARLY/MIDDLE YEARS MUSIC I (3)**
 Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.
 A study of the philosophy, content and teaching procedures of Early/Middle Years music programs, with special emphasis on contemporary trends and the influence of two world-renowned music educators, Orff and Kodaly.
 3 lecture hours per week, one term.
- 02:761 TRENDS IN THE TEACHING OF MIDDLE/SENIOR YEARS MUSIC II (3)**
 Prerequisite: 02:760.
 A continuation of studies begun in 02:760, with emphasis on curriculum design and development.
 3 lecture hours per week, one term.
- 02:762 DEVELOPMENTS IN THE TEACHING OF MIDDLE/SENIOR YEARS MUSIC I (3)**
 Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.
 The philosophy, content and teaching procedures of newer programs in music teaching.
 3 lecture hours per week, one term.
- 02:763 DEVELOPMENTS IN THE TEACHING OF MIDDLE/SENIOR YEARS MUSIC II (3)**
 Prerequisite: 02:762.
 A continuation of studies begun in 02:762, with emphasis on curriculum design and development.
 3 lecture hours per week, one term.
- 02:770 TRENDS IN THE TEACHING OF EARLY/MIDDLE YEARS SOCIAL STUDIES I (3)**
 Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.
 This course will examine trends in the teaching of Early/Middle Years classroom and will focus on the recent developments in teaching social studies in Canadian schools, with particular emphasis on techniques relating to integration. An effort will be made to accommodate the research interests of the students.
 3 lecture hours per week, one term.
- 02:771 TRENDS IN THE TEACHING OF EARLY/MIDDLE YEARS SOCIAL STUDIES II (3)**
 Prerequisite: 02:770.
 This course will continue to examine developments in the teaching of Early/Middle Years social studies and will focus upon recent developments in the teaching of social studies in Canadian schools, with particular emphasis on techniques relating to integration. An effort will be made to accommodate the research interests of the students.
 3 lecture hours per week, one term.

02:774 CURRICULUM ADAPTATION FOR MULTICULTURAL SETTINGS (3)

Prerequisite: 02:780.

This course is designed to provide students with the knowledge and skills required in adapting curricula to meet the needs of diverse segments of our society. The impact of differences in language, ethnicity, gender, religion, special needs, soci-economic status, and culture will form the basis for study.

3 lecture hours per week, one term.

02:776 DEVELOPMENTS IN THE TEACHING OF MIDDLE/SENIOR YEARS SOCIAL STUDIES I (3)

Prerequisite: Admission to a Graduate program and permission of Instructor.

This course will examine developments in the teaching of Middle/ Senior Years social studies and will focus upon recent developments in secondary social studies methodologies. An effort will be made to allow students to complete assignments that reflect their specific research interests in social studies education.

3 lecture hours per week, one term.

02:777 DEVELOPMENTS IN THE TEACHING OF MIDDLE/SENIOR YEARS SOCIAL STUDIES II (3)

Prerequisite: 02:776

This course continues the examination of developments of the teaching of Middle/Senior Years social studies. The course focuses upon implementation of strategies that take into account the theories studied in 02:776. An effort will be made to accommodate the research interests of the students.

3 lecture hours per week, one term.

02:779 APPLYING TECHNOLOGY IN DISTANCE EDUCATION (3)

Prerequisite: Permission of Instructor.

An examination of current trends in distance education delivery and the implications for instructional design and teaching methodology. Participants will apply the concepts presented in the course in the development and delivery of instructional modules. Computer use and application will be a significant part of this course. Some experience with distance delivery will be an asset.

3 lecture hours per week, one term.

02:780 INTRODUCTION TO CURRICULUM (3)

Prerequisite: 2 years teaching experience.

This course studies the sociological, psychological, and philosophical basis for the development of school curricula. It investigates procedures, plans, personnel, processes, and problems in curriculum development via a critical examination of general curriculum models used in structuring the curriculum for schools.

3 lecture hours per week, one term.

02:781 ADVANCED INSTRUCTIONAL METHODOLOGIES (3)

Prerequisite: 02:780.

This course is designed to provide students with the opportunity to explore advanced methodologies for teaching in the various curriculum areas. Classic studies, historical development, current research and evaluation procedures in the curriculum areas will be emphasized. The development of proposals for practical applications of the methodologies studied is the primary purpose of this course.

3 lecture hours per week, one term.

02:782 CURRICULUM PLANNING AND MATERIALS DESIGN AND DEVELOPMENT (3)

Prerequisite: 02:780.

This course is designed for the graduate student who wants to pursue further studies in the planning and design of curricula for schools. Emphasis will be placed on the assessment of needs and the selection and organization of experiences, followed by the design, development, and evaluation of curriculum materials.

3 lecture hours per week, one term.

02:783 IMPLEMENTATION AND EVALUATION OF CURRICULAR CHANGE (3)

Prerequisite: 02:780.

This course is a study of the theory and practice of implementing and evaluating curricula in schools. It will include a more in-depth study of goals, personnel, processes, problems, and possibilities, with an emphasis on providing the student with a thorough understanding of the issues relating to the implementation and evaluation facets of program development. Practical approaches in establishing goals, developing strategies and tactics of producing educational change will be studied.

3 lecture hours per week, one term.

02:784 CURRICULUM DEVELOPMENT IN RURAL, ABORIGINAL, AND NORTHERN SCHOOLS (3)

Prerequisite: 02:780.

This course is designed to provide an opportunity for students to study the principles and techniques of curriculum development in relation to rural, native, and northern resources and needs. Critical analysis of current commercially produced resources for or about native and northern peoples in North America will be undertaken to provide insights for designers of curriculum materials. Testing and production of new curricula will be a significant component of the course.

3 lecture hours per week, one term.

02:785 ABORIGINAL LANGUAGE AND CULTURE (3)

Prerequisite: Nil. Some working knowledge of an Aboriginal Language is required.

As part of the native education stream in graduate studies, variety in course content will be required to address the aspects of native education. A course with a language and cultural component will investigate, in depth, some of the unique features of how native language speakers think, interpret and process information which is often written and spoken in the English language. Students will explore the role of language and culture in aboriginal education.

3 lecture hours per week, one term.

02:786 TRENDS AND ISSUES IN LITERACY DIFFICULTIES (3)

Prerequisite: Permission of Instructor.

This course includes an examination of a range of topics in relation to the conceptualization of, and research into contemporary perspectives of literacy difficulties. In this course teachers will critically evaluate current theoretical and pedagogical debates about literacy difficulties and the implications for education responses. Topics are aimed to build understandings in response to the needs of children with language and literacy learning difficulties.

3 lecture hours per week, one term.

02:787 TRENDS AND ISSUES IN LITERACY THEORIES (3)

Prerequisite: 02:786 or permission of Instructor.

The aim of this course is to develop an understanding and appreciation of the interrelationships of language, literacy, and learning in a range of contexts. This understanding is developed through an analysis of historical, conceptual, theoretical, and practical perspectives of literacy development within the various social and learning contexts. It includes a detailed study of educational and literacy research context within which the theory of literacy acquisition was initially developed and refined by Dr. Marie Clay.

3 lecture hours per week, one term.

02:788 TRENDS AND ISSUES IN LITERACY DEVELOPMENT (3)

Prerequisite: 02:786, 02:787 or permission of Instructor.

This course examines the theoretical perspectives, fundamental concepts, and teaching and learning contexts for literacy learning during infancy, preschool, and the early years. It is designed around critical readings and joint discussions of research and theory in children's literacy development and the development of expertise within family and community settings. Areas of study include development in language, literacy, cognition and problem solving. The usual formats of lectures will involve an introduction to a section of text relating to a particular topic, followed by a discussion of these readings. In addition to developing skills in critical reading and discussions of studies in child development, the course also aims to provide some experience in literacy development research.

3 lecture hours per week, one term.

02:789 TEACHING IN THE MULTIAGE/MULTILEVEL CLASSROOM (3)

Prerequisite: Nil.

This course will examine the theoretical underpinnings and pedagogy of multiage/multilevel classrooms which are grounded in social constructivist learning through Manitoba's outcome-based curricula and current brain-based research. Based on best practices, curricula are integrated to facilitate multidisciplinary learning through the inquiry of big ideas. Participants will learn how to plan for a range of learners using a flexible planning model based on the four column format used in Manitoba's Foundation for Implementation documents and the inquiry process; how to target learning outcomes from multiple curricula for formative and summative assessment; how to differentiate instructions for a range of learners; how to develop a learning community which includes students, teachers, administrators, and parents; and how the multilevel classroom provided a context for quality teaching and learning.

02:799 GRADUATE RESEARCH SEMINAR IN EDUCATION (3)

Prerequisite: Permission of Instructor, approval of Chair of Graduate Studies Program, and Dean, Faculty of Education.

This course is designed to guide the advanced student through a program of reading and discussion; to explore in depth a topic of special interest to her/him, leading to a major paper. An advanced student is limited to a maximum of 6 cr. hrs. in Graduate Research Seminar courses.

TEACHING AND LEARNING (03)**COURSE DESCRIPTIONS**

Note: Students are reminded that the courses as listed below may or may not be offered in any given year. Please check the Registration Guide for the final listing at: <http://www.brandonu.ca/registration/>.

03:750 TRENDS & DEVELOPMENT IN THE TEACHING OF EARLY/MIDDLE YEARS SCIENCE I (3)

Prerequisite: A methods course in teaching science, or science teaching experience, or permission of Instructor.

This course focuses upon recent curriculum developments in early and middle year's science. A study will be made of learning and teaching in terms of philosophical, methodological, and practical issues. Practical experience will be emphasized.

3 lecture hours per week, one term.

03:751 TRENDS & DEVELOPMENTS IN THE TEACHING OF EARLY/MIDDLE YEARS SCIENCE II (3)

Prerequisite: 03:750 or permission of the Instructor.

A continuation of the course 03:750, focusing upon developmental issues, individualized and remedial instruction, the use of technology, and a variety of other alternative strategies. Practical experience will be emphasized.

3 lecture hours per week, one term.

03:752 TRENDS & DEVELOPMENTS IN THE TEACHING OF MIDDLE/SENIOR YEARS SCIENCE I (3)

Prerequisite: A methods course in teaching science, or science teaching experience, or permission of the Instructor.

This course focuses upon recent developments in middle and senior years science. A study will be made of learning and teaching in terms of philosophical, methodological and practical issues. Practical experience will be emphasized.

3 lecture hours per week, one term.

03:753 TRENDS & DEVELOPMENTS IN THE TEACHING OF MIDDLE/SENIOR YEARS SCIENCE II (3)

Prerequisite: 03:752 or permission of the Instructor.

This course is a continuation of 03:752, focusing upon developmental issues, individualized and remedial instruction, the use of technology and a variety of other alternative strategies. Practical experience will be emphasized.

3 lecture hours per week, one term.

03:760 TRENDS & DEVELOPMENTS IN THE TEACHING OF EARLY/MIDDLE YEARS MATHEMATICS I (3)

Prerequisite: A methods course in teaching mathematics, or mathematics teaching experience, or permission of the Instructor.

This course focuses upon recent curriculum developments in early and middle year's mathematics. A study will be made of learning and teaching in terms of philosophical perspective, methodological and practical issues. Practical experience will be emphasized.

3 lecture hours per week, one term.

03:761 TRENDS & DEVELOPMENTS IN THE TEACHING OF EARLY/MIDDLE YEARS MATHEMATICS II (3)

Prerequisite: 03:760 or permission of the Instructor.

This course is a continuation of 03:760, focusing upon developmental issues and remedial instruction, the use of technology, and a variety of other alternative strategies. Practical experience will be emphasized.

3 lecture hours per week, one term.

03:762 TRENDS & DEVELOPMENTS IN TEACHING MIDDLE/SENIOR YEARS MATHEMATICS I (3)

Prerequisite: A methods course in teaching mathematics, or mathematics teaching experience, or permission of Instructor.

This course focuses upon recent curriculum developments in middle and senior year mathematics. A study will be made of learning and teaching in terms of philosophical, methodological, and practical issues. Practical experience will be emphasized.

3 lecture hours per week, one term.

03:763 TRENDS & DEVELOPMENTS IN TEACHING MIDDLE/SENIOR YEARS MATHEMATICS II (3)

Prerequisite: 03:762 or permission of the Instructor.

This course is a continuation of 03:762, focusing upon developmental issues, individualized and remedial instruction, the use of technology, and a variety of other alternative strategies. Practical experience will be emphasized.

3 lecture hours per week, one term.

03:764 WILD PEDAGOGIES (3)

Prerequisite: 07:751, 07:752 and Permission of Instructor.

Current findings in educational research suggest that we ought to value more highly learning in natural settings. To think and teach in such environments or with this ethos, we need to become conscious of our own interdependence with the world, and we have to work on this relationship. Theoretically and practically, this graduate course explicitly situates students in relationship with the natural world as participants and learners. There is an expectation that the course will include both epistemological ('knowing related') and ontological ('being related') challenges. These challenges will be met by the course participants' own practice of building a relationship with wilder places in explicit opportunities for reflection and growth, in the weekend outdoor meeting, and in future choices participants make that relate to the development of their own teaching strategies and pedagogies of place.

3 fieldwork hours per week, one term.

EDUCATIONAL PSYCHOLOGY AND STUDENT SERVICES (04)

COURSE DESCRIPTIONS

Note: Students are reminded that the courses as listed below may or may not be offered in any given year. Please check the Registration Guide for the final listing at: <http://www.brandonu.ca/registration/>.

04:700 THE EDUCATIONAL PROCESS: DEVELOPMENTAL STAGES (3)

Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.

This course is designed to present the relative influences of biological, psychological, social, environmental and cultural factors on human development at different stages in the life cycle as they affect education.

3 lecture hours per week, one term.

04:701 THE EDUCATIONAL PROCESS: THE ADOLESCENT (3)

Prerequisite: 04:700 and approval of Chair of the Graduate Studies Program, Faculty of Education.

This course involves a study of the transition from childhood to adulthood with emphasis on the physiological, mental, emotional, and social changes in development as they affect education.

3 lecture hours per week, one term.

- 04:702 EDUCATIONAL PSYCHOLOGY: FOUNDATIONS OF EDUCATION (3)**
Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.
Designed to provide psychological background about human abilities and behavior, individual differences, learning and evaluation, with implications for teaching. Open to experienced elementary and secondary school teachers.
3 lecture hours per week, one term.
- 04:703 EDUCATIONAL PSYCHOLOGY: HUMAN LEARNING, INTELLIGENCE AND INSTRUCTION (3)**
Prerequisite: 04:702 and approval of Chair of the Graduate Studies Program, Faculty of Education.
The contributions of the behavioral sciences to education will be studied. Topics will include cognitive and behavioral learning theories, theories of intelligence and cognition, and the study of retention and transfer.
3 lecture hours per week, one term.
- 04:704 GUIDANCE AND COUNSELLING INTERVENTIONS (3)**
Prerequisite: Permission of instructor.
The purpose of this course is to apply the principles and practices of counselling interventions to the current issues facing school counsellors. Topics covered may include: eating disorders, substance abuse, trauma, depression, self-harm, suicidality, critical incident response, children of divorce, grief and loss, and related topics.
- 04:705 GUIDANCE AND THE CLASSROOM TEACHER (3)**
Prerequisite: 04:704 or approval of Chair of the Graduate Studies Program, Faculty of Education or permission of Instructor.
This course is an advanced study of the school guidance program with special emphasis on the role of the classroom teacher.
3 lecture hours per week, one term.
- 04:706 THEORY AND PRACTICE OF STANDARDIZED ASSESSMENT (3)**
Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.
This course will emphasize the development, selection and use of standardized assessment in education programs.
3 lecture hours per week, one term.
- 04:707 THEORY AND PRACTICE OF ASSESSMENT IN THE CLASSROOM (3)**
Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.
This course will emphasize the construction and use of assessment in the classroom. A secondary emphasis will be placed on use and misuse of standardized assessment in the classroom.
3 lecture hours per week, one term.
- 04:708 INTRODUCTION TO COUNSELLING: HELPING RELATIONSHIPS (3)**
Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.
The purpose of this course is to develop effective communication skills and understanding of self as a communicator. Theoretical frameworks will be the foundation for personal practice. This course will have a strong experiential component. Practice outside of class time is expected, therefore, 15 additional hours of lab sessions will be included during the term.
3 lecture hours per week, 1 laboratory hour per week, one term.
- 04:709 COUNSELLING THEORY AND PRACTICE (3)**
Prerequisite: 04:708 or approval of Chair of the Graduate Studies Department, Faculty of Education.
This course will cover three areas of counselling theory and practice; the exploration of a number of theoretical positions concerned with effective human functioning; ethics, confidentiality and practical matters pertaining to the counselling role; and a practical application of theories through an on-going counselling partnership.
3 lecture hours per week, one term.
- 04:710 CAREER GUIDANCE (3)**
Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education or permission of the Instructor.
A study of occupational and educational information services and the study of several occupational theories and their application in the school guidance and counseling program.
- 04:712 EDUCATIONAL STATISTICS I (3)**
Prerequisite: Approval of Chair of the Graduate Studies program, Faculty of Education.
A study of the presentation, analysis, and interpretation of quantitative data in the field of education.
- 04:713 EDUCATIONAL STATISTICS II (3)**
Prerequisite: 04:712.
A study of the presentation, analysis, and interpretation of quantitative data in the field of education.
- 04:716 PHILOSOPHY OF EDUCATION [(3)**
Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.
This study of major educational theorists emphasizes past and current educational thought. A cross-cultural perspective may be included.
3 lecture hours per week, one term.

- 04:717 CONTEMPORARY STATEMENTS ON PHILOSOPHY OF EDUCATION (3)**
 Prerequisite: 04:716.
 In this course, the method of philosophical analysis is applied to educational concepts and theories in an attempt to clarify the meaning of various statements about education.
 3 lecture hours per week, one term.
- 04:718 HISTORY OF EDUCATION IN THE WESTERN WORLD (3)**
 Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.
 This is a survey course which considers the historical development of educational theory and practice in the Western World.
 3 lecture hours per week, one term.
- 04:720 HISTORY OF CANADIAN EDUCATION I (3)**
 Prerequisite: Approval of Chair of the Graduate Studies program, Faculty of Education.
 A study of the origins and development of education within the Canadian socio-historical context.
 3 lecture hours per week, one term.
- 04:721 HISTORY OF CANADIAN EDUCATION II (3)**
 Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.
 Recent developments in the origins and development of education within the Canadian socio-historical context.
 3 lecture hours per week, one term.
- 04:722 SOCIOLOGY OF EDUCATION I (3)**
 Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.
 A study of the school as a social institution in Canada. The influence of forces outside and within the school which affect its role will be considered.
 3 lecture hours per week, one term.
- 04:723 SOCIOLOGY OF EDUCATION II (3)**
 Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.
 Education and the social structure will be studied. The growth and development of children within various social contexts will be highlighted. Various cultural groups and various social problems will be considered.
 3 lecture hours per week, one term.
- 04:724 CULTURES AND EDUCATION I (3)**
 Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.
 Theories of cultural transmission, learning and emotional development will be examined. Emphasis will be placed upon flexibility and sensitivity in teaching materials and practices in developing the academic and non-academic potential of each child in relation to his or her culture.
 3 lecture hours per week, one term.
- 04:725 CULTURES AND EDUCATION II (3)**
 Prerequisite: 04:724 or approval of Chair of the Graduate Studies Program, Faculty of Education.
 A continuation of and practicum in 04:724.
 3 lecture hours per week, one term.
- 04:726 CONTEMPORARY PHILOSOPHIES OF EDUCATION (3)**
 Prerequisite: Undergraduate or 700 level course or permission of Instructor.
 This course is a seminar in the philosophical foundations of education. The course content will include contemporary philosophies of education and their relationships to the political, social and cultural principles and practices of education.
 3 lecture hours per week, one term.
- 04:728 COMPARATIVE EDUCATION (3)**
 Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.
 A comparative study of the education and the school systems of Canada, Great Britain, Australia, Ireland and the United States.
- 04:729 COMPARATIVE EDUCATION II (3)**
 Prerequisite: 04:728 or permission of the Instructor.
 A comparative study of education and the school systems of the USSR, Mainland Europe, Africa, South America, Asia and Mexico.
- 04:730 CURRENT ISSUES IN COUNSELLING (3)**
 Prerequisite: Approval by the Chair of the Graduate Studies Program, Faculty of Education.
 This course is designed to deal with current issues and topics in counselling. In particular, the course will focus on the specialized skills needed for dealing with certain specific populations and familiarity with the forces at work in society that are contributing to the pathology of some individuals.
 3 lecture hours per week, one term.

04:733 GROUP GUIDANCE AND COUNSELLING (3)

Prerequisite: 04:708 or approval by the Chair of the Graduate Studies Program, Faculty of Education.

This course will explore issues in group guidance and counselling. Students will study group dynamics and group guidance instruction as well as develop counselling skills to facilitate group development.

04:735 INDIVIDUALIZED TESTING (3)

Prerequisite: one of either 04:706 or 04:707; or both 04:302 and approval by the Chair of the Graduate Studies program, Faculty of Education.

This course is aimed at providing the knowledge and understanding required to evaluate and use individualized tests and to carry out the assessment task. The administration of specific individualized tests under supervision is required. A background in statistics, group tests and developmental psychology is desirable.

04:750 EDUCATION OF EXCEPTIONAL CHILDREN I (3)

Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.

This is a survey course which introduces the student to exceptionalities in children. Emphasis will be on an examination of the etiology, characteristics and needs of a wide range of children with exceptionalities. Issues of race, class and gender and how they affect children with exceptionalities will be examined.

3 lecture hours per week, one term.

04:751 EDUCATION OF EXCEPTIONAL CHILDREN II (3)

Prerequisite: 04:750 or approval of Chair of the Graduate Studies Program, Faculty of Education.

This course will examine special education issues related to prevention, early intervention and ongoing support to children with exceptionalities. Special education systems will be examined, and the experience of children with exceptionalities within various educational alternatives will be discussed. Topics will include consultation and collaboration among regular and special educators, inclusion, and segregated programs. The requirement for individual plans for children with exceptionalities will also be explored.

3 lecture hours per week, one term.

04:752 EDUCATION OF CHILDREN WITH INTELLECTUAL DISABILITIES I (3)

Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.

This course will focus on teaching children who experience substantial limitations in their personal functioning due to significantly sub-average intellectual potential and adaptive skills. The focus of the course will be on the identification and teaching of children with intellectual disabilities. The developmental patterns of children with intellectual disabilities will also be examined.

3 lecture hours per week, one term.

04:753 EDUCATION OF CHILDREN WITH INTELLECTUAL DISABILITIES II (3)

Prerequisite: 04:752 or approval of Chair of the Graduate Studies Program, Faculty of Graduate Studies.

This course will focus on the development of advanced skills in teaching children with intellectual disabilities. The appropriateness of various educational approaches to providing for these children will be examined. The transition of children with intellectual disabilities from home to school and community will be discussed. Programs for adults with intellectual disabilities will also be discussed.

3 lecture hours per week, one term.

04:754 EDUCATION OF CHILDREN WITH LEARNING DISABILITIES I (3)

Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.

This course will focus on teaching children who have significant difficulties in the acquisition and use of listening, speaking, reading, writing, reasoning or mathematical skills; these difficulties not being primarily due to other disabling conditions nor to extrinsic influences. The focus of this course will be on the identification and teaching of children with learning disabilities. The development of children with learning disabilities will also be discussed.

3 lecture hours per week, one term.

04:755 EDUCATION OF CHILDREN WITH LEARNING DISABILITIES II (3)

Prerequisite: 04:754 or approval of Chair of the Graduate Studies Program, Faculty of Education.

This course will focus on the development of advanced skills in teaching children with learning disabilities. The appropriateness of various educational approaches to providing for these children will be examined. The preparation and transition of adolescents with learning disabilities from Senior Years study to post-secondary programs or the workplace will also be discussed.

3 lecture hours per week, one term.

04:756 EDUCATION OF CHILDREN WITH BEHAVIOURAL DISORDERS I (3)

Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.

This course will focus on teaching children who chronically and markedly respond to their environments in socially unacceptable or personally unsatisfying ways. The focus of this course will be on the identification and teaching of children with behavioural disorders. Specific means by which teachers may assist children with behavioural disorders will be examined and discussed.

3 lecture hours per week, one term.

04:757 EDUCATION OF CHILDREN WITH BEHAVIOURAL DISORDERS II (3)

Prerequisite: 04:756 or approval of Chair of the Graduate Studies Program, Faculty of Education.

This course will focus on the development of advanced skills in teaching children with behavioural disorders. The appropriateness of various

educational approaches to providing for these children will be examined. Collaboration with other professionals in order to effectively support these children in the home, school, and community will also be discussed.

3 lecture hours per week, one term.

04:758 CURRICULUM FOR CHILDREN WITH INTELLECTUAL DISABILITIES (3)

Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.

This course is designed to allow close examination and evaluation of existing materials and established curricula for children with intellectual disabilities. Curriculum issues of concern to teachers working in inclusive settings and in segregated settings will be discussed.

3 lecture hours per week, one term.

04:759 READINGS AND RESEARCH IN SPECIAL EDUCATION (3)

Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.

The study of recent research and educational innovations relevant to children with exceptionalities. Skill in reviewing and critically examining research will be developed.

3 lecture hours per week, one term.

04:760 EDUCATION OF CHILDREN WHO ARE GIFTED, TALENTED AND CREATIVE (3)

Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.

This course will focus on children who have the potential to be or who are significantly advanced in intellectual, creative, artistic, academic or leadership abilities. The focus of the course will be on the identification and teaching of students who are gifted, talented and creative. The advanced development of these children will be examined. Educational alternatives such as acceleration and enrichment will be considered.

3 lecture hours per week, one term.

04:761 ASSESSMENT IN SPECIAL EDUCATION (3)

Prerequisite: 04:706 or approval of Chair of the Graduate Studies Program, Faculty of Education.

This course is designed to familiarize the students with the assessment practice and procedures utilized with children with exceptionalities. It will deal with individualized assessment, multidisciplinary approaches to between assessment and programming.

3 lecture hours per week, one term.

04:762 INCLUDING CHILDREN WITH EXCEPTIONALITIES (3)

Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.

The course will focus on the theoretical and practical aspects of inclusive education for classroom teachers and administrators. Detailed attention will be given to planning, developing, implementing, and evaluating inclusive education programs.

3 lecture hours per week, one term.

04:763 PRACTICUM IN SPECIAL EDUCATION I (3)

Prerequisite: 6 cr. hrs. of Special Education courses at the 700 level, or approval of Chair of Graduate Studies Program, Faculty of Education.

This practicum will give students the opportunity to apply special education theory methods that they have studied. The practicum is recommended for students majoring in Special Education in the graduate program. The practicum is strongly recommended for students who have limited teaching experience.

3 lecture hours per week, one term.

04:764 PRACTICUM IN SPECIAL EDUCATION II (3)

Prerequisite: 6 cr. hrs. of Special Education courses at the 700 level, or 04:763 (may be co-requisite) and approval of Chair of Graduate Studies Program, Faculty of Education.

This advanced practicum will give students the opportunity to apply special education theory and methods that they have studied. The practicum is recommended for students who are majoring in Special Education in the graduate program. The practicum is strongly recommended for students who have limited teaching experience.

3 lecture hours per week, one term.

04:766 GENDER AND EDUCATION (3)

Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.

Gender and Education is a course designed to explore the ways in which the gender of students changes the ways in which they both deliver and receive education. The course will lead students to observe research and begin to understand the impact of gender, in turn, upon their own students. Further, it is expected that they will find practical and theoretically sound notions of how to make a difference in their own educational situations.

3 lecture hours per week, one term.

04:767 ASSESSMENT FOR COUNSELLORS (3)

Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.

This course is designed to prepare counsellors to assess children and adolescents in schools. A focus of the course will be on the process of conducting behavioural observations of children and on the use of behavioural rating scales. Prospective counsellors will also explore in depth the use of intelligence tests, other formal cognitive tests, achievement tests, and alternate assessment methods. The assessment of minority group children will be discussed in detail.

3 lecture hours per week, one term.

04:768 ETHICAL & LEGAL ISSUES FOR COUNSELLORS**(3)**

Prerequisite: 04:708 or permission of Instructor.

The course will provide the participant with background knowledge on ethical decision making models and the ethical and legal codes that guide counselling practice. There will also be opportunities to practice skills working with cases involving ethical and legal issues.

3 lecture hours per week, one term.

04:769 ABORIGINAL COUNSELLING THEORY AND PRACTICE**(3)**

Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.

The work of Western counselling theorists will be compared and contrasted with Aboriginal processes of traditional healing. The counsellor's role in Aboriginal communities will be studied with a view to using a blend of skills that best suit each situation.

3 lecture hours per week, one term.

04:770 INTERCULTURAL COUNSELLING**(3)**

Prerequisite: 6 credit hours in Guidance and Counselling.

The course will introduce the students to the theory and process of counselling as it interfaces with multicultural clients. The course will explore counselor beliefs and attitudes, provide knowledge of methods used to counsel in cross-cultural context and will train students to use skills which are culturally sensitive.

04:771 ABORIGINAL WORLD VIEWS AND ORAL TRADITIONS**(3)**

Prerequisite: Nil.

In this course students will study world views and oral traditions shared in Aboriginal thought that honours diversity of identities. Recent literature which highlights, culturally appropriate and culturally based Aboriginal world views will be explored as these perspectives influence the development, organization and administration of Aboriginal education.

3 lecture hours per week, one term.

04:772 PRACTICUM IN COUNSELLING I**(3)**

Prerequisite: 30 credit hours of counselling coursework.

This practicum requires a minimum of 75 contact hours in field placement to be agreed upon by your supervisor. Normally, this placement will be inside a school setting. The faculty supervisor may request video and/or audiotaping. Students will be required to make clear connections between theory and practice. A criminal record check that includes vulnerable sectors, and a child abuse registry check may be required. Completing this practicum meets the practicum requirements for the Manitoba School Counsellor Certificate. (Note: Those wishing to be considered for certification through the Canadian Counselling and Psychotherapy Association will need to ensure that their practicum supervisor has a graduate degree in counselling or a related field. You will also need to take 04.782 in addition to this course.)

3 clinical practice hours per week, one term.

04:773 LANGUAGE ACQUISITION AND COMMUNICATION DISORDERS**(3)**

Prerequisite: Approval by the Chair of the Graduate Studies Program, Faculty of Education.

First language acquisition, including an overview of language development universals, processes and theories, will be studied. Factors that influence the acquisition of phonology, morphology, syntax, semantics, and pragmatics will be reviewed. Language and communicative disorders and their impact on students' social, cognitive, academic, and emotional development will be discussed. The teacher's role in identifying students with communicative disorders and methods for assisting students having language and communicative disabilities will be outlined. Classroom and instruction adaptations/modifications will be emphasized.

3 lecture hours per week, one term.

04:774 INTRODUCTION TO EXPRESSIVE THERAPIES**(3)**

Prerequisite: 04:708.

This course is designed for counsellors and classroom teachers. It will introduce participants to the use of expressive therapies (*e.g.*, art, drama, storytelling, phototherapy, music and play) when working with both children and adults. The course is offered in a highly experiential format.

3 lecture hours per week, one term.

04:775 CONSULTANCY AND COLLABORATION IN SPECIAL EDUCATION**(3)**

Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.

This course will focus on consultation and collaboration among persons concerned with children with exceptionalities. The course will focus on the role of resource teachers and special education coordinators in fostering communication and teamwork among persons involved in assessment, and on the development, implementation and evaluation of individual educational plans (IEP's). The course will also explore the empowerment of individuals with exceptionalities and their families through participation in the consultation and collaboration process.

3 lecture hours per week, one term.

04:776 RESILIENCE, RISK AND SPECIAL EDUCATION**(3)**

Prerequisite: 6 credit hours of 700 level or higher Special Education coursework or approval by the Chair of the Graduate Studies Program, Faculty of Education.

This course will examine the new morbidity, which is changing the profile of students requiring educational services. Interagency co-operation and the specific role of special educators in serving students with complex needs will be discussed. Child development and the specific effects of such risk factors as pediatric acquired immunodeficiency syndrome (AIDS), fetal substance exposure, traumatic brain injury, drug and alcohol abuse in adolescents, and premature and complicated births will be considered. The development and implementation of intervention programs

at school and in the community will be discussed. The course will be suitable for persons considering a career in special education or related areas.

3 lecture hours per week, one term.

04:777 SPIRITUALITY IN COUNSELLING (3)

Prerequisite: Approval by the Chair of the Graduate Studies Program, Faculty of Education.

In this highly experiential course, students will be expected to engage in a self-reflexive process in order to better understand the personal qualities that they bring into the counselling relationship. Class time will include mini-lectures, discussion, interactive-activities, contemplative and counselling practices. Students, who are not comfortable sharing their personal experiences, or discussing their spiritual beliefs, should consider taking a different elective.

3 lecture hours per week, one term.

04:778 SATIR METHODS IN COUNSELLING I (3)

Prerequisite: Approval by the Chair of the Graduate Studies Program, Faculty of Education.

The goals for the Satir Methods Transformational Therapy course is to bring about transformational change. The Satir Model Therapy is not about pathology, it is about human dignity and strength, and people's ability to change and grow. This therapy is known for its special warmth and remarkable insight into human communication and self-esteem. The Satir Methods course is unique in encompassing both the intrapsychic and interactive components of therapy.

3 lecture hours per week, one term.

04:779 CLASSROOM ASSESSMENT FOR/OF/AS STUDENT LEARNING (3)

Prerequisite: Approval by the Chair of the Graduate Studies program, Faculty of Education.

This course is designed to guide the advanced student through an examination of policy and practice related to assessing and grading student learning at the provincial and school division levels. Topics will include: 1) the relationship between assessment practices and positive student engagement and motivation; 2) examining best assessment practices; 3) the process of developing assessment plans for a particular domain or grade level; 4) approaches communicating assessment results.

3 lecture hours per week, one term.

04:780 THEORY & PRACTICE OF SMALL GROUP LEADERSHIP IN EDUCATION (3)

Prerequisite: Approval by the Chair of the Graduate Studies Program, Faculty of Education.

The intent of this course is to provide training for group leadership in an education (learning) setting rather than a therapeutic mode. The course is to speak to the practical functioning of classrooms, faculty meetings, educational decision-making, community involvement, interagency cooperation and service delivery.

Credit cannot be held for both this course and 04:732.

3 lecture hours per week, one term.

04:781 SATIR METHODS IN COUNSELLING II (3)

Prerequisite: 04:778 or approval by the Chair of the Graduate Studies program, Faculty of Education.

Satir Methods in Counselling II will involve a review and deepening of Transformational Change process and its essential elements: 1) The Treatment Plan: assessment, goal setting, interventions and evaluation; 2) Skill Development; 3) The Use of Self in therapy; 4) Changing the intrapsychic impact not the event; 5) Making counselling/therapy positively and change focused. The focus of the course is to improve participant's competence, congruence and confidence about transformational, experimental, system counselling in change therapy. The emphasis will be on bringing about transformation change in counselling/therapy.

3 lecture hours per week, one term.

04:782 PRACTICUM IN COUNSELLING II (3)

Prerequisite: 04:772 or permission of Instructor.

This course is intended for those students who would like an opportunity to take a second practicum in a non-school setting. This practicum requires a minimum of 75 contact hours in a field placement to be agreed upon by your supervisor. Normally, this placement will be outside a school setting. (Note: This second practicum is intended for those wishing to be considered for certification through the Canadian Counselling and Psychotherapy Association. Therefore, students will need to ensure that their practicum supervisor has a graduate degree in counselling or a related field). The faculty supervisor may request video and/or audiotaping. Students will be required to make clear connections between theory and practice. A criminal records check that includes vulnerable sectors and a child abuse registry check may be required.

3 clinical practice hours per week, one term.

04:799 GRADUATE RESEARCH SEMINAR IN EDUCATION (3)

Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education, Departmental Chair and Dean.

This course is designed to guide the advanced student through a program of reading and discussion for the purpose of exploring in depth a topic of special interest leading to a major paper. An advanced student is limited to a maximum of 6 cr. hrs. in Graduate Research Seminar courses.

3 lecture hours per week, one term.

PHYSICAL EDUCATION (05)

COURSE DESCRIPTIONS

Note: Students are reminded that the courses as listed below may or may not be offered in any given year. Please check the Registration

Guide for the final listing at: <http://www.brandonu.ca/registration/>.

05:762 TRENDS IN TEACHING EARLY/MIDDLE YEARS PHYSICAL EDUCATION I (3)
Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education; 12 credit hours in Physical Education (non-methods) courses or open to senior students with the Consent of the Department.

This course is designed to help keep the student abreast of recent curriculum developments in the teaching of Early/Middle Years physical education. The course will also examine the social and psychological components of movement, the role of these components in the development of elementary school children and the perceptual motor development of children.

05:763 TRENDS IN TEACHING EARLY/MIDDLE YEARS PHYSICAL EDUCATION II (3)
Prerequisite: 05:762.

This is a continuation of 05:762. The course will extend topics covered in the previous course and analyze current research and its implications in the teaching of Early/Middle Years school physical education.

05:768 DEVELOPMENTS IN THE TEACHING OF MIDDLE/SENIOR YEARS PHYSICAL EDUCATION I (3)
Prerequisite: Approval of Chair of the Graduate Studies Program, Faculty of Education.

This course is designed to help keep the student abreast of recent curriculum developments in the teaching of Middle/Senior Years physical education. The course will also examine social and psychological components of movement, the perceptual motor development and the role of these components in the development of Middle/Senior Years children.

05:769 DEVELOPMENTS IN THE TEACHING OF MIDDLE/SENIOR YEARS PHYSICAL EDUCATION II (3)
Prerequisite: 05:768.

This is a continuation of 05:768. This course will extend topics covered in the previous course and analyze current research and its implications in the teaching of Senior Years physical education.

05:799 GRADUATE RESEARCH SEMINAR IN PHYSICAL EDUCATION (3)
Prerequisite: Permission of Instructor, approval of Chair of the Graduate Studies Program and Dean, Faculty of Education.

This course is designed to guide the advanced student through a program of reading and discussion to explore in depth a topic of special interest to her/him leading to a major paper. An advanced student is limited to a maximum of 6 cr. hrs. of Graduate Research Seminar courses.

GRADUATE STUDIES AND FIELD RESEARCH (07)

COURSE DESCRIPTIONS

Note: Students are reminded that the courses as listed below may or may not be offered in any given year. Please check the Registration Guide for the final listing at: <http://www.brandonu.ca/registration/>.

07:714 EDUCATIONAL RESEARCH METHODS (3)
Prerequisite: Approval by the Chair of the Graduate Studies Program, Faculty of Education.

This course provides a survey of the qualitative and quantitative research methods used in education. Topics will include observation and measurement, ethical principles, reliability and validity, research design strategies, and communication of research ideas.

Credit cannot be held for both this course and 04:714.

3 lecture hours per week, one term.

07:715 ADVANCED QUANTITATIVE EDUCATIONAL RESEARCH METHODS (3)
Prerequisite: 07:714.

This course focuses on the use of research design and numerical analysis in quantitative research. Topics will include principles of scientific inference and experimental design, basic data analysis, and applications of research design theory to current issues in education.

Credit cannot be held for both this course and 04:715.

3 lecture hours per week, one term.

07:750 GRADUATE SUMMATIVE SEMINAR (3)
Prerequisite: Approval by the Chair of the Graduate Studies Program, Faculty of Education.

This is an exit requirement for all Master of Education students in the course-based routes. This course is designed to engage graduate students in a scholarly analysis and synthesis of knowledge in their field of study and, therefore, must be completed at the end of the program.

3 lecture hours per week, one term.

07:751 INTERPRETING EDUCATIONAL RESEARCH (3)
Prerequisite: Approval by the Chair of the Graduate Studies Program, Faculty of Education.

Students will be critically analyzing research in education. The course will approach the topic of research design and data analysis from a "consumer perspective" and students will be guided to develop their critical thinking and reflection abilities to recognize the qualities of well-designed research. Topics in the course will include observation and measurement, ethical considerations, research design strategies, and the development and communication of research ideas.

3 lecture hours per week, one term.

07:752 OVERVIEW OF EDUCATIONAL ISSUES

(3)

Prerequisite: Approval by the Chair of the Graduate Studies Program, Faculty of Education.

The main purpose of this course is to engage students in discussion of the important issues facing the educational system; public, private and band-operated schools. The course is designed to facilitate the study of educational issues, and to think and to make inferences from a combination of premises and perspectives regardless of political correctness, personal perspective or personal advantage. General topics for study will include: educational perspectives (historical, philosophical, sociological), federal and provincial government policies and practices, curriculum as a field study, teacher professionalism, globalization, and educational reform.

3 lecture hours per week, one term.

07:753 SEMINAR IN EDUCATION: RURAL, ABORIGINAL AND NORTHERN EDUCATIONAL ISSUES

(3)

Prerequisite: Approval by the Chair of the Graduate Studies Program, Faculty of Education.

This course will focus on current issues that affect the delivery of education in unique situations. Students will examine selected educational problems and discuss possible education solutions during the seminar. Students will be encouraged to select a specific group for emphasis and conduct detailed studies of that group. The aim of this course is to allow the students to develop a better understanding of the educational problems of rural, Aboriginal, and northern people.

3 lecture hours per week, one term.

07:754 PRACTICUM IN EDUCATION

(3)

Prerequisite: 50% completion of the Master of Education program.

The practicum component of the Master's program is designed to permit the student to use the practical skills, theory and research obtained in classroom learning in an applied setting related to the individual's specialty. The student is encouraged to adapt educational theory, research and practice to rural, native and northern issues as they arise during the practicum. The experience is intended to allow the person to test the "goodness of fit" between the requirements of the applied setting and career expectations. The practicum also provides an opportunity to explore research questions that may lead to a thesis.

07:755 INFORMATION AND COMMUNICATIONS TECHNOLOGY (ICT) FOR TEACHERS

(3)

Prerequisite: Nil.

This course will examine the emerging impact of information and Communication Technology (ICT) on current teaching and learning practices and the curriculum implementation process. The course is intended to be a practical, hands-on exploration of web-based software applications in teaching and learning to help educators who want to effectively infuse ICT into their practice. A critical approach to analyzing ICT applications will be adopted in order to explore its impact and possibilities.

3 lecture hours per week, one term.

07:765 QUALITATIVE RESEARCH METHODS

(3)

Prerequisite: 07:714.

This course is designed for students who wish to develop more skills in qualitative research methods. A variety of qualitative methodologies will be studied, including action research, narrative, ethno-methodological, and phenomenological inquiry. Students will learn how to analyze data collected in qualitative research studies. Ethical guidelines for qualitative research will also be discussed.

Credit cannot be held with both this course and 04:765.

3 lecture hours per week, one term.

07:770 THESIS

(9)

Prerequisite: 60% completion of the Master of Education program.

A thesis is a formal study that reflects original thinking and significant theoretical development concerning a topic of importance to current practice in the field.

07:780 GRADUATE SCHOLARLY WRITING

(3)

Prerequisite: Approval by the Chair of the Graduate Studies Program, Faculty of Education.

Students are required to complete 07:780 Graduate Scholarly Writing in the first 9 credit hours of their program.

Students will analyze and practice a variety of forms of written communication, including recovery of meaning (through analysis, synthesis and evaluation), conceptualization, categorical frameworks, exposition, autobiography, editing and bibliographic notation, modelled on current practices in research and scholarly publication in education.

3 lecture hours per week, one term.

07:798 SELECTED TOPICS IN EDUCATION

(3)

Prerequisite: Permission of Instructor.

The course topic and content may vary frequently, based on the needs and interests of professionals in the field. The course is meant to accommodate content for all or most strands in the graduate studies program.

3 lecture hours per week, one term.

SECTION 6. MUSIC GRADUATE STUDIES

Acting Dean

G. Gatieng, B.A. M.Mus. (Acting Dean) gatieng@brandonu.ca

6.1 ADMISSION REQUIREMENTS

For General Admission Regulations for entry to Brandon University please see page 9.

6.1.1 ADMISSION, MASTER OF MUSIC

Students preparing to undertake Master of Music study at Brandon University are expected to be conversant in the history and theory of music, and familiar with a broad range of musical literature. Students should also anticipate considerable emphasis upon their abilities to think critically and to express themselves clearly. The School of Music is committed to high levels of artistic and scholarly achievement and to preparing its students for leadership roles. Students majoring in Performance and Literature will be expected to demonstrate performance proficiency through an audition and professional levels of commitment to the development of their musical skills and understanding.

Normally, admission to the Master of Music program requires successful completion of an undergraduate degree or equivalent, with a minimum grade point average (GPA) of 3.0 achieved in the final year of study. Applicants failing short of these basic criteria may be considered for admission on the basis of both a successful audition and a proven record of related professional work.

6.1.2 ADMISSION, MASTER OF MUSIC EDUCATION

Applicants to the Music Education program will have completed an undergraduate Music Education degree, or its equivalent. Normally, teaching experience and a teaching certificate are required. Exceptions may be considered on the strength of related professional experience.

While the School of Music is committed to examining each application on its own particular merits, demonstration of English language proficiency is required for admission. International students must submit one of the following:

- a minimum TOEFL score of 580 (written) or 92 (internet based)
- a minimum score of 7.0 on the International English Language Testing System (IELTS)
- a minimum score of 85 on the Michigan English Language Assessment Battery (MELAB)
- a minimum score of 4 on the Certificate of Proficiency in English (COPE)

English for Academic Purposes (EAP) students must complete Tier 4 with 75% in each and every course, combined with CanTEST scores of 5.0 on the Reading and Listening measures, and 4.5 on the Oral and Written measures.

Note: Music students are strongly advised to consult the School of Music for curriculum changes.

6.1.3 ADMISSION, MASTER OF PERFORMANCE AND LITERATURE

Applicants to the Performance and Literature program must have completed an undergraduate degree in Music Performance or equivalent and display professional potential as performers. Applicants must present an audition of approximately 50 minutes, representing a variety of styles and periods. Where a live audition is not possible, only unedited video recordings of recent live performances where the performer can easily be identified may be submitted for consideration of regular status admission.

While the School of Music is committed to examining each application on its own particular merits, demonstration of English language proficiency is required for admission. International students must submit one of the following:

- a minimum TOEFL score of 550 (paper based) or 80 (internet based)
- a minimum score of 6.5 on the International English Language Testing System (IELTS)
- a minimum score of 80 on the Michigan English Language Assessment Battery (MELAB)
- a minimum score of "C" on the Certificate of Proficiency in English (CPE)
- a minimum score of 60 on the Canadian Academic English Language Assessment (CAEL)
- a minimum score of 4.5 in Reading, 4.5 in Listening, 4.0 in Speaking and 4.0 in Writing on the Canadian Test of English for Scholars and Trainees (CanTest) EAP Tier 4

English for Academic Purposes (EAP) students must complete Tier 4 with 75% in each and every course, combined with CanTEST scores of 5.0 on the Reading and Listening measures, and 4.5 on the Oral and Written measures.

Note: Music students are strongly advised to consult the School of Music for curriculum changes.

6.2 GENERAL INFORMATION

The School of Music offers studies leading to the Master of Music degree in two areas:

1. Master of Music (Major in Performance and Literature): The Performance and Literature Master's is offered in piano, collaborative piano, strings, clarinet, trumpet, composition, jazz, choral conducting and instrumental conducting. It is intended to develop a professional expertise in performance or composition, with additional emphasis on general literature and pedagogical practices. The Program requires 30 hours of coursework.
2. Master of Music (Music Education): The Music Education Master's offers teachers the opportunity for advanced study with practical emphasis in elementary music, choral music, or instrumental music. The program requires 24 credit hours of coursework followed by a Master's Thesis or 24 credit hours of coursework followed by a Comprehensive Examination or 30 credit hours of coursework followed by a Research Project.

6.2.1 APPLICATIONS

Application forms to Brandon University, to Master of Music programs, and for Graduate Teaching Assistantships, may be obtained by writing the Chair, Graduate Music Department in the School of Music. Telephone inquiries may be made to (204) 727-7388 or faxed inquiries to (204) 728-6839. Website: <https://www.brandonu.ca/graduate-studies/applications/>.

6.2.2 ADVISORY EXAMINATIONS

Applicants accepted into a masters of music or music education program at Brandon University who have completed undergraduate degrees in music or music education from an accredited Canadian university within the past 5 years and who have grades of "B" or above in music theory or music history courses will not be required to refresh or upgrade competency in those areas. Applicants who do not meet the previous criteria will be required to complete relevant undergraduate course or courses. These will be assigned by the graduate department and will be relevant to the specific student's background and program.

6.2.3 COMPLETION OF DEGREE

The time required for completion of the Master of Music degrees is an individual matter.

The Master of Music Education (Comprehensive Examination) is designed as a one year program. The required coursework for the Master of Music Education (Thesis/Research Project) and for the Master of Music (Performance and Literature) usually requires two years of study.

All required courses for the Master of Music degree must be completed within six years of initial acceptance into the program.

Music Education students are allowed two years from completion of required coursework to meet one of three exit requirements: the Thesis, the Research Project, or the Comprehensive Examinations. After this two-year period, one of three decisions is taken regarding students who have yet to complete all program requirements:

1. Continuation of Regular status, assuming that it has been maintained through continuing registration.
2. Conferral of Inactive status (of indeterminate length). Inactive students must petition the Graduate Studies Committee of Senate for return to Regular Status, which, if granted, may carry requirements for additional or repeated coursework. As well, students who have been listed as Inactive will be assessed a reinstatement fee.
3. Academic withdrawal.

6.2.4 PART-TIME STUDY

The School of Music is committed to making Master's study feasible for individuals actively engaged in professional careers, where possible. A limited number of grants are available to students requiring travel assistance to pursue their studies in Brandon.

6.2.5 ACADEMIC PERFORMANCE REQUIREMENT

Within the Master of Music programs it is understood that strong work is represented by grades in the A range. Performance that is judged adequate, but not of sufficient quality to recommend study beyond the Master's level is marked in the "B" range. A minimum course grade of "B-" must be attained in all courses to be counted toward the degree. Courses in which a grade less than "B-" is earned may be repeated only with the permission of the School of Music Graduate Department. The minimum grade point average for graduation with the Master of Music Degree is 3.0 ("B").

A minimum cumulative GPA (CGPA) of 3.0 must be maintained for continuation beyond 15 credit hours in the Master of Music program.

Any student falling below the minimum required will be placed on **Academic Probation** for the following 9 credit hours of registration. During Academic Probation, registration must be approved by the Dean, who may impose restrictions on the courses approved (*e.g.*, on the total number of credit hours chosen during a single term and on specific courses selected).

The GPA achieved during the 9 credit hours spent under Probation must not fall below 3.0. Failure to achieve a sessional GPA of at least 3.0 within those 9 credit hours will result in **Academic Suspension** for a period of 12 months. Students placed on Academic Suspension may be readmitted on appeal to the School of Music Graduate Department and the Graduate Studies Committee of Senate. Failure to meet the academic performance requirements set by the Committee will result in removal from the program.

With the permission of the School of Music Graduate Department, the student may repeat, once, a course for which the grade was below "B-". Students who achieve in excess of 9 credit hours below the minimum of "B-" will be denied further registration.

6.2.6 TRANSFER OF CREDIT AND RESIDENCE REQUIREMENTS

Normally all required courses will be taken at Brandon University. A maximum of 12 credit hours for Graduate courses completed at other Universities may be applied toward the Master of Music degree, subject to the approval of the School of Music Graduate Department. Applied Study and Recital courses are normally not eligible for transfer of credit.

All Master of Music students must complete a minimum of 18 credit hours at Brandon University.

Students in the M.Mus.Ed. program may earn up to 3 credit hours by attendance at approved non-credit professional development sessions (workshops, conferences, in-service sessions). One credit hour is earned for attendance at 24 hours of relevant non-credit sessions. Prior

approval should be sought from the Graduate Music Department to determine the acceptability for credit. Without prior approval, no guarantee can be given for acceptance of this type of credit. In order to have 3 credit hours recorded students will have to register for appropriate course equivalents, or for 63:666 Special Studies in Music Education. In order to have less than 3 credit hours recorded, students will have to register for 63:667 Special Studies in Education (2 credit hours) or 63:668 Special Studies in Music Education (1 credit hour). Fees will be assessed at the rate for each credit hour.

6.2.7 REGULATIONS FOR RECITALS, THESIS, RESEARCH PROJECTS, AND COMPREHENSIVE EXAMINATIONS

Detailed regulations are from the Graduate Music Department.

6.3 CURRICULUM OUTLINES

After admission to the Graduate Program, all students are required to maintain annual registration (equivalent to 3 credit hours) or the Graduate Continuing Registration Fee until all degree requirements have been satisfactorily completed.

6.3.1 M. MUS. IN PERFORMANCE AND LITERATURE (Piano, Collaborative Piano, Strings and Clarinet)

Required:		27
63:613	Public Recital I	3
63:616	Concerto or Major Chamber Works	3
63:620	Seminar in Literature (Piano, Collaborative Piano, Strings, Composition, Clarinet, Jazz, & Trumpet)	3
63:626	Applied Instruction I	3
63:627	Applied Instruction II	3
63:628	Applied Instruction III	3
63:629	Applied Instruction IV	3
63:682	Analytical Techniques	3
63:690	Music Bibliography and Research Methods	3
Choose three credit hours:		3
63:610	Performance Practice	3
63:622	Seminar in Pedagogy (Piano, Collaborative Piano, Strings, Composition, Clarinet, Jazz, & Trumpet)	3
63:631	Symphonic Literature	3
63:632	Chamber Music Literature	3
63:636	History of Choral Style and Performance	3
63:654	Research Paper	3
63:664	Ensemble I	1.5
63:665	Ensemble II	1.5
63:678	Advanced Conducting and Score Study	3
63:699	Topics	3
Total (minimum):		30
Note:	Pianists enrolled in the Collaborative Piano program will be required to perform in public a solo work or group works approved by the department.	

6.3.2 M. MUS. IN PERFORMANCE AND LITERATURE (Composition and Jazz)

Required:		27
63:613	Public Recital I	3
63:614	Public Recital II	3
63:620	Seminar in Literature (Piano, Collaborative Piano, Strings, Composition, Clarinet, Jazz, & Trumpet)	3
63:626	Applied Instruction I	3
63:627	Applied Instruction II	3
63:628	Applied Instruction III	3
63:629	Applied Instruction IV	3
63:682	Analytical Techniques	3
63:690	Music Bibliography and Research Methods	3
Choose three credit hours:		3
63:610	Performance Practice	3
63:622	Seminar in Pedagogy (Piano, Collaborative Piano, Strings, Composition, Clarinet, Jazz, & Trumpet)	3
63:631	Symphonic Literature	3
63:632	Chamber Music Literature	3
63:636	History of Choral Style and Performance	3
63:654	Research Paper	3
63:664	Ensemble I	1.5
63:665	Ensemble II	1.5
63:678	Advanced Conducting and Score Study	3
63:699	Topics	3

	Total (minimum):	30
--	-------------------------	-----------

6.3.3 M. MUS. IN PERFORMANCE AND LITERATURE (Instrumental Conducting)

Required:		24
63:600	Applied Music I	1.5
63:601	Applied Music II	1.5
63:613	Public Recital I	3
63:634	Wind Ensemble Literature	3
63:652	Advanced Choral Conducting and Score Study	3
63:653	Advanced Instrumental Conducting and Score Study	3
63:674	Advanced Methods and Techniques in instrumental Music	3
	Analytical Techniques	3
63:690:	Music Bibliography and Research Methods	3
Choose six credit hours:		6
63:610	Performance Practice	3
63:640	Philosophical Foundations of Music Education	3
63:641	Social & Social Psychological Foundations of Music *	3
63:654	Research Paper	3
63:658	Advanced Psychology (Music Education) *	3
63:664	Ensemble I	.5
63:665	Ensemble II	.5
63:672	Advanced Methods and Techniques in Choral Music	3
Total (minimum):		30
or	Additional courses selected from 600 level Music or Music Education approved by the Graduate Department.	
Notes:	* International Students must meet Graduate Music Education language requirements.	
	Participation in two terms of ensemble is recommended for all master's degree students in choral and instrumental conducting.	

6.3.4 M. MUS. IN PERFORMANCE AND LITERATURE (Choral Conducting)

Required:		24
63:600	Applied Music I (Voice)	1.5
63:601	Applied Music II (Voice)	.1.5
63:613	Public Recital I	3
63:636	History of Choral Style and Performance	3
63:652	Advanced Choral Conducting and Score Study	3
63:653	Advanced Instrumental Conducting and Score Study	3
63:672	Advanced Rehearsal Techniques in Choral Music	3
63:682	Analytical Techniques	3
63:690:	Music Bibliography and Research Methods	3
Choose six credit hours:		6
63:610	Performance Practice	3
63:640	Philosophical Foundations of Music Education	3
63:641	Social & Social Psychological Foundations of Music *	3
63:654	Research Paper	3
63:658	Advanced Psychology (Music Education) *	3
63:664	Ensemble I	.5
63:665	Ensemble II	.5
63:674	Advanced Methods and Techniques in Instrumental Music	3
Total (minimum):		30
or	Additional courses selected from 600 level Music or Music Education approved by the Graduate Department.	
Note:	* International Students must meet Graduate Music Education language requirements. Participation in two terms of ensemble is recommended for all master's degree students in choral and instrumental conducting.	

6.4 M.MUS. IN MUSIC EDUCATION

There are two distinct routes for completion of the Master of Music in Music Education The Course Work Comprehensive Examination Option, a one-year program, consists of 30 credit hours including 63:619 Comprehensive Examinations (6 credit hours). The Thesis/Research option is a 36 credit hour program which includes either Research Project (6 credit hours) or 63:695 Master's Thesis (12 credit hours). Each student's program of studies must be approved by the Chair of the Graduate Music Department.

6.4.1 COURSE WORK COMPREHENSIVE EXAMINATION OPTION

This program of studies is intended to meet the needs of music educators seeking professional development through advanced studies. Designed to meet the needs of practitioners who are able to negotiate a single year's leave from their positions, the program consists of 24 credit hours of course work followed by a comprehensive examination (6 credit hours) which addresses all aspects of their course of studies as well as issues of significance to the music education profession. A maximum of 6 credit hours of coursework may be transferred from another institution upon approval of the Department.

Required:		12
63:640	Philosophical Foundations of Music Education	3
63:647	Research in Music Education	3
63:648	Graduate Seminar in Music Education	3
63:658	Advanced Psychology (Music Education)	3
63:690:	Music Bibliography and Research Methods	3
Plus one of the following:		3
63:670	Advanced Methods and Techniques in Elementary Music	3
63:672	Advanced Methods and Techniques in Choral Music	3
63:674	Advanced Methods and Techniques in Instrumental Music	3
Electives:		
	* Selected from 600 level Music or Music Education or 500 level Education courses, approved by the Graduate Department.	9
After Coursework Completion:		
63:619	Comprehensive Examination	6
		Total:
		30
Note:	* May include a maximum of 3 cr. hrs. of applied studies.	

6.4.2 THESIS/RESEARCH OPTION

This option is designed to provide students with substantial skills as music education scholars and researchers. The program is well suited for students interested in professional leadership roles and/ or the eventual pursuit of doctoral studies. Students in the Thesis/ Research program should anticipate two-year's residency. Normally all required courses will be taken at Brandon University.

Required:		12
63:640	Philosophical Foundations of Music Education	3
63:647	Research in Music Education	3
63:648	Graduate Seminar in Music Education	3
63:658	Advanced Psychology (Music Education)	3
Choose one:		3
63:631	Symphonic Literature	3
63:632	Chamber Music Literature	3
63:682	Analytical Techniques	3
Choose two:		6
63:634	Wind Ensemble Literature	3
63:636	History of Choral Style and Performance	3
63:670	Advanced Methods and Techniques in Elementary Music	3
63:672	Advanced Methods and Techniques in Choral Music	3
63:674	Advanced Methods and Techniques in Instrumental Music	3
63:678	Advanced Conducting and Score Study	3
Choose 3 or 9 credit hours:		3 or 9
63:600	Applied Music I *	1.5
63:601	Applied Music II *	1.5
63:664	Ensemble I/II	.5
63:665	Ensemble I/II	.5
63:660	Special Studies in Music Education	3 or 6
63:662	Practicum in Music Education	3
63:690	Music Bibliography & Research	3
	Approved Graduate Course in Education	3 or 6
Choose one:		6 or 12
63:618	Research Project	6
63:695	Master's Thesis	12
		Total:
		36
Note:	* Or equivalent credits from Applied Music 606 - 609.	

6.5 PROGRAM REQUIREMENTS FOR A SECOND MASTER OF MUSIC DEGREE

Students who have obtained their first 30 credit hour Master of Music Performance and Literature degree from Brandon University may complete an additional 24 hours in another approved stream for a second Master of Music Performance and Literature degree. Two approved streams for two Master of Music Performance and Literature degrees may also be taken concurrently over the course of a minimum of three years.

Please contact the Graduate Studies office for further information at facultyedgrad@brandonu.ca.

6.5.1 CURRICULUM OUTLINES

After admission to the Graduate Program, all students are required to maintain annual registration (equivalent to 3 credit hours) or the Graduate Continuing Registration Fee until all degree requirements have been satisfactorily completed.

6.5.2 M. MUS. IN PERFORMANCE AND LITERATURE (Piano, Collaborative Piano, Strings, Clarinet, Trumpet, and Low Brass)

Required:		27
63:613	Public Recital I	3
63:616	Concerto or Major Chamber Works	3
63:620	Seminar in Literature (Piano, Collaborative Piano, Strings, Composition, Clarinet, Jazz, & Brass)	3
63:626	Applied Instruction I	3
63:627	Applied Instruction II	3
63:628	Applied Instruction III	3
63:629	Applied Instruction IV	3
Choose three credit hours:		3
63:610	Performance Practice	3
63:622	Seminar in Pedagogy (Piano, Collaborative Piano, Strings, Composition, Clarinet, Jazz, & Brass)	3
63:631	Symphonic Literature	3
63:632	Chamber Music Literature	3
63:636	History of Choral Style and Performance	3
63:654	Research Paper	3
63:664	Ensemble I	1.5
63:665	Ensemble II	1.5
63:678	Advanced Conducting and Score Study	3
63:699	Topics	3
Total (minimum):		24
Note:	Pianists enrolled in the Collaborative Piano program will be required to perform in public a solo work or group works approved by the department.	

6.5.3 M. MUS. IN PERFORMANCE AND LITERATURE (Composition and Jazz)

Required:		27
63:613	Public Recital I	3
63:614	Public Recital II	3
63:620	Seminar in Literature (Piano, Collaborative Piano, Strings, Composition, Clarinet, Jazz, & Brass)	3
63:626	Applied Instruction I	3
63:627	Applied Instruction II	3
63:628	Applied Instruction III	3
63:629	Applied Instruction IV	3
Choose three credit hours:		3
63:610	Performance Practice	3
63:622	Seminar in Pedagogy (Piano, Collaborative Piano, Strings, Composition, Clarinet, Jazz, & Brass)	3
63:631	Symphonic Literature	3
63:632	Chamber Music Literature	3
63:636	History of Choral Style and Performance	3
63:654	Research Paper	3
63:664	Ensemble I	1.5
63:665	Ensemble II	1.5
63:678	Advanced Conducting and Score Study	3
63:699	Topics	3
Total (minimum):		24

COURSE DESCRIPTIONS

Note: Students are reminded that the courses as listed below may or may not be offered in any given year. Please check the Registration Guide for the final listing at: <http://www.brandonu.ca/registration/>.

- 63:600 APPLIED MUSIC I (1.5)**
Prerequisite: A successful level of performance as determined by a 15-20 minute audition.
Applied instruction within the Music Education program or as applied minor study (elective) in the Performance and Literature program.
.5 individual instruction hours per week, one term.
- 63:601 APPLIED MUSIC II (1.5)**
Prerequisite: 63:600.
Applied instruction within the Music Education program or as applied minor study (elective) in the Performance and Literature program.
.5 individual instruction hours per week, one term.
- 63:606 APPLIED MUSIC III (1.5)**
Prerequisite: A successful level of performance as determined by a 15 - 20 minute audition.
Applied instruction within the Music Education program or as applied minor study (elective) in the Performance and Literature program.
1 individual instruction hour per week, one term.
- 63:610 PERFORMANCE PRACTICES (3)**
Elements of style and ornamentation of instrumental music beginning with the Elizabethan period and including reference to the standard sources such as Couperin, Quantz, Leopold Mozart, and C.P.E. Bach. Nineteenth and Twentieth centuries will also be covered with directed reading and study in the area of the student's concentration.
3 lecture hours per week, one term.
- 63:613 PUBLIC RECITAL I (6)**
The repertoire must be approved by the Graduate Music Department. Performance time for instrumentalists will normally be 50-60 minutes. The student should prepare program notes of approximately 1,000 words. Collaborative Pianists are required to include solo work of groups of works in their program. (Registration deferred until term of anticipated completion.)
Note: Proposed repertoire must be submitted to the Chair of the Graduate Music Department for approval no less than eight weeks prior to the performance date.
- 63:614 PUBLIC RECITAL II (3)**
The repertoire must be approved by the Graduate Music Department. This requirement is for students in the jazz and composition streams. Suggested duration is 15-20 minutes. (Registration deferred until term of anticipated completion.)
Note: Proposed repertoire must be submitted to the Chair of the Graduate Music Department for approval no less than eight weeks prior to the performance date.
- 63:615 PUBLIC RECITAL III (3)**
A joint public recital which shall include representative works from different style periods. The recital program must be approved by the Graduate Music Department. Performance time will normally be one hour. (Registration deferred until term of anticipated completion.) The student will be expected to prepare program notes (approximately 1,000 words) to be distributed with the printed program.
Note: Proposed repertoire must be submitted to the Chair of the Graduate Music Department for approval no less than eight weeks prior to the performance date.
- 63:616 CONCERTO OR MAJOR CHAMBER WORK (3)**
The repertoire must be approved by the Graduate Music Department which will also decide, in the case of concertos, whether the performance may be with orchestra. "Concerto" is understood to include any major work scored for solo instrument and orchestra. (Registration deferred until term of anticipated completion.)
Note: Proposed repertoire must be submitted to the Chair of the Graduate Music Department for approval no less than eight weeks prior to the performance date.
- 63:618 RESEARCH PROJECT (6)**
Prerequisite: Completion of 30 cr. hrs. coursework required for the M. Mus. in M.Ed. degree program.
A project on an approved topic, involving consideration and treatment of a problem in music education. The student will be encouraged to devise an imaginative project with practical bearing upon an area of personal concern and relevance. The project will culminate in the preparation and presentation of an extended paper (approximately 50 pages in length); both the project and paper will be supervised by a faculty advisor. A committee of three consisting of the student's advisor, a member at large chosen by the Graduate Music Department after considering suggestions from the student, and a member of Graduate Music Department will determine satisfactory completion of the project.
- 63:619 COMPREHENSIVE EXAMINATION (6)**
Prerequisite: Completion of 24 cr. hrs. course work required for the M.Mus. Course Work/Comprehensive Examination Option.
The written component of the Comprehensive Examination will consist of four questions selected by the Graduate Music Department from a complement of ten questions submitted by the student and approved by the Department. Upon satisfactory completion of this requirement, the student must sit an Oral Examination of approximately one hour. Responses to all four questions, both Written and Oral portions, must be accepted by the Examination Jury in order for the Examination to be successful. Full details are available from the Department Chair.
- 63:620 SEMINAR IN LITERATURE (A) PIANO (B) COLLABORATIVE PIANO (C) STRINGS (D) COMPOSITION (3)**
(E) CLARINET (F) JAZZ (G) TRUMPET (H) LOW BRASS
- a) Piano: Topics covered will include solo keyboard literature from Baroque period to the present day.
 - b) Collaborative Piano: Topics covered will include collaborative keyboard literature from the Baroque period to the present.

- c) Strings: Topics covered will include string literature from the Baroque period to the present.
- d) Composition: Topics covered will include contemporary composition literature from 1945 to the present day.
- e) Clarinet: Topics covered will include clarinet literature from the Classical period to present day.
- f) Jazz: Topics covered will include Jazz literature from 1925 to the present day.
- g) Trumpet: Topics covered will include trumpet literature from the Classical period to the present day.
- h) Low Brass: Topics covered will include low brass literature from the Baroque period to the present.

3 lecture hours per week, one term.

63:622 SEMINAR IN PEDAGOGY: (A) PIANO (B) COLLABORATIVE PIANO (C) STRINGS (D) COMPOSITION (E) CLARINET (F) JAZZ (G) TRUMPET (3)

The class will be conducted in seminar fashion and will include a review of pedagogical philosophies, treatises and principles of the past and present. In addition, students will be supervised in their teaching of one or more pupils.

3 lecture hours per week, one term.

63:626 APPLIED INSTRUCTION I (3)

Private instruction in the student's major applied area.

1 individual instruction hour per week, one term.

63:627 APPLIED INSTRUCTION II (3)

Prerequisite: 65:626.

Private instruction in the student's major applied area.

1 individual instruction hour per week, one term.

63:628 APPLIED INSTRUCTION III (3)

Prerequisite: 65:627.

Private instruction in the student's major applied area.

1 individual instruction hour per week, one term.

63:629 APPLIED INSTRUCTION IV (3)

Prerequisite: 65:628.

Private instruction in the student's major applied area.

1 individual instruction hour per week, one term.

63:631 SYMPHONIC LITERATURE (3)

An historical study of the development of the Symphonic form from the Mannheim School up to the symphonic works of the late Romantic composers.

3 lecture hours per week, one term.

63:632 CHAMBER MUSIC LITERATURE (3)

Conducted in seminar fashion, this course is a survey of chamber music literature from the decline of the figured base in the first half of the 18th century to the present day. Emphasis will be placed on chamber music for strings and for piano in combination with other instruments.

3 lecture hours per week, one term.

63:634 WIND ENSEMBLE LITERATURE (3)

A comprehensive study and analysis of wind ensemble literature from the 15th century to the present day, including an analytical and comparative survey of literature for the concert band.

3 lecture hours per week, one term.

63:636 HISTORY OF CHORAL STYLE AND PERFORMANCE (3)

An historical and analytic survey of selected sacred and secular choral literature from the Renaissance to the 20th century. Subjects for discussion will include: the character and structure of individual works; the uses of voices and instruments; vocal quality and the nature of choral singing; written ornamentation, unwritten ornamentation and improvisation; problems of notation; interpretation of rhythmic notation; interpretation of tempo; visual aspects.

3 lecture hours per week, one term.

63:640 PHILOSOPHICAL FOUNDATIONS OF MUSIC EDUCATION (3)

Investigation of the philosophical bases of music education, emphasizing the practical implications of one's understanding of the nature and value of music and of education for curricular content, instructional method, and professional practice.

3 lecture hours per week, one term.

63:641 SOCIAL AND SOCIAL PSYCHOLOGICAL FOUNDATIONS OF MUSIC (3)

Study of the relationships among social and cultural context, and musical behaviours, cognition, and values.

3 lecture hours per week, one term.

63:647 RESEARCH IN MUSIC EDUCATION (3)

An introduction to the process of research in music education, designed to create a basis for critical evaluation of research in the field and

thoughtful application of its results to practice. Experience intended to facilitate attainment of course objectives including writing of thesis statements and research plans, critically reviewing a broad range of music educational research, and examining measurement tools pertinent to various areas of research.

Credit cannot be held for both this course and 65:647.

3 lecture hours per week, one term.

63:648 GRADUATE SEMINAR IN MUSIC EDUCATION (3)

Pre-requisite: Admission to M.Mus. Education.

The Graduate Seminar provides a forum in which students enrolled in the Music Education Master's program collectively and critically address issues, developments and trends in music education. It is intended that this experience contribute substantially to the development of both a more "global" perspective on the music educational endeavor and considerable individual expertise in areas of particular concern to participants in the seminar and their advisors. The seminar involves the regular participation of the music education faculty, and critical discussions with other authorities in the field.

1.5 lecture hours per week, both terms.

63:652 ADVANCED CHORAL CONDUCTING AND SCORE STUDY (3)

In-depth score study to develop clear, meaningful communication of musical parameters and stylistic concepts through technical and expressive conducting skills as choral conductor.

3 lecture hours per week, one term.

63:653 ADVANCED INSTRUMENTAL CONDUCTING AND SCORE STUDY (3)

Study of movement and gesture related to the communication of composer's intent of instrument repertoire in a variety of styles and historical periods.

3 lecture hours per week, one term.

63:654 RESEARCH PAPER (3)

The research paper will be directly related to literature presented in Public Recital. The document will include research into areas which will include the history, analysis, performance practice, and teaching strategies of literature from the Public Recital. Research will culminate in the preparation of an extended paper (approximately 50 pages in length); the paper will be supervised by a faculty advisor. A committee of three consisting of the student's advisor, a member at large chosen by the Graduate Music Department after considering suggestions from the student, and a member of the Graduate Music Department will determine satisfactory completion of the project.

3 lecture hours per week, one term.

63:658 ADVANCED PSYCHOLOGY (MUSIC EDUCATION) (3)

This course will cover behaviouristic and developmental theories and applications to skill and concept learning. Particular attention will be given to teaching music. Research procedures and findings will be studied.

3 lecture hours per week, one term.

63:662 PRACTICUM IN MUSIC EDUCATION (3)

The practicum is intended to provide opportunity for application and refinement of skills and concepts pertinent to music education. Proposals regarding specific field experiences (in schools, day care centres, etc.) must meet specified criteria and receive the approval of the Graduate Music Department.

63:664 ENSEMBLE I (1.5)

Prerequisite: Permission of Instructor.

Participation in an ensemble appropriate to the student's ability and performance area.

2.5 rehearsal hours per week, one term.

63:665 ENSEMBLE II (1.5)

Prerequisite: Permission of Instructor

Participation in an ensemble appropriate to the student's ability and performance area.

2.5 rehearsal hours per week, one term.

63:666 SPECIAL STUDIES IN MUSIC EDUCATION (3)

Special Studies is intended to provide credit for a diversity of course offerings, among them Summer Session courses presented by visiting specialists and authorities. May be repeated for credit.

63:667 SPECIAL STUDIES IN MUSIC EDUCATION (2)

Special Studies is intended to provide credit for a diversity of course offerings, among them Summer Session courses presented by visiting specialists and authorities. May be repeated for credit.

63:668 SPECIAL STUDIES IN MUSIC EDUCATION (1)

Special Studies is intended to provide credit for a diversity of course offerings, among them Summer Session courses presented by visiting specialists and authorities. May be repeated for credit.

63:670 ADVANCED METHODS AND TECHNIQUES IN ELEMENTARY MUSIC (3)

A study of curricula, materials and procedures for teaching general music in the elementary school. Attention will be given to the history and development of current methodologies and to the designing of sequential music programs appropriate to them.
3 lecture hours per week, one term.

63:672 ADVANCED METHODS AND TECHNIQUES IN CHORAL MUSIC (3)

A comprehensive analysis of the place of choral performance in the secondary school music program, emphasizing the pedagogical function of the conductor as music educator and the role of performance as a means toward musical understanding. The course will provide opportunity for the examination of a range of rehearsal techniques to determine whether they are congruent with the more comprehensive objectives of music education, including the development of musical awareness, musical independence, and aesthetic sensibility.

63:674 ADVANCED METHODS AND TECHNIQUES IN INSTRUMENTAL MUSIC (3)

A highly personalized course designed to enhance and sharpen instructional skills in instrumental music, with particular emphasis upon the extension and refinement of practical knowledge in individually prescribed areas.

Topics for the collective scrutiny include:

- Development of musically sensitive approaches to teaching beginners.
- In-depth examination of principles of tone production, articulation and technique on common instruments.
- Development of a thorough understanding of intonational deficiencies of wind instruments, and means of compensation.
- Pedagogical means of enhancing the musicality of the public school instrumental program to achieve an educational experience congruent with the expressive nature of music.
- Assessment of personal strengths and weakness as a teacher of instrumental music and development of a systematic program to address the latter.

3 lecture hours per week, one term.

63:678 ADVANCED CONDUCTING AND SCORE STUDY (3)

(a) Choral or (b) Instrumental

Refinement of technical, interpretive and expressive skills as a conductor, with particular emphasis upon developing the capacity for clear, meaningful communication of musical concepts.

3 lecture hours per week, one term.

63:682 ANALYTICAL TECHNIQUES (3)

A survey of contemporary analytical appropriate to the study of tonal and post-tonal music.

3 lecture hours per week, one term.

63:690 MUSIC BIBLIOGRAPHY AND RESEARCH METHODS (3)

The course is designed to acquaint students with the performance/literature program with the bibliographic resources for musical research. It deals with both general reference and music reference sources.

3 lecture hours per week, one term.

63:695 MASTER'S THESIS (12)

Prerequisite: Completion of 24 cr. hrs. coursework required for the M.Mus. in Mus. Ed. degree program.

The Master's thesis involves the identification, articulation and critical analysis of a significant problem in music education. The preparation of the document will be supervised by a faculty advisor and will meet guidelines specified by the Graduate Music Department. A committee of three consisting of the student's advisor, a member at large chosen by the Graduate Music Department after considering suggestions from the student, and a member of the Graduate Music Department will determine satisfactory completion of thesis. (Registration deferred until term of anticipated completion.)

63:699 TOPICS (3)

A personal research project with the approval of the Instructor, the Graduate Department and the Dean of the School of Music.

SECTION 7. PSYCHIATRIC NURSING GRADUATE STUDIES

Dean

W. D. Care, R.N., B.N., M.Ed., Ed.D. CareD@BrandonU.CA

7.1 ADMISSION REQUIREMENTS

For General Admission Regulations for entry to Brandon University please see page 9.

7.1.1 ADMISSION, MASTER OF PSYCHIATRIC NURSING

Applications are accepted from Canadian citizens and Permanent Residents of Canada. We do not accept applications from international students. Applications are available at the following website: <https://www.brandonu.ca/mpn/admissions/>.

Applications for September entry must be received by March 1st of the year in which admission is sought.

The application will include:

1. A curriculum vitae/resume that includes the following:
 - past educational preparation;
 - employment experience, indicating level of responsibility;
 - community service, including involvement in professional associations;
 - awards and honours;
 - research projects and publications;
 - continuing education;
 - innovation in clinical practice; and
 - any other supporting information.
2. Proof of registration as a psychiatric nurse or nurse in Canada;
3. A brief essay (500 - 750 words) outlining rationale for choosing the MPN program and a particular stream, as well as areas of interest for thesis consideration; and
4. Two confidential letters of reference, one of which must be an academic reference.

7.2 ACADEMIC PERFORMANCE REQUIREMENT

Students must achieve a minimum grade of “B” in all courses applied to the program. An overall grade point average of 3.0 (B) in the degree line is required to graduate. Students who obtain a grade of less than “B” in a course must obtain permission from the Coordinator, Master of Psychiatric Nursing program to repeat the course. A grade of less than “B” on the second attempt will result in compulsory withdrawal from the program. Students who acquire more than nine credit hours below a grade of “B” will be denied further registration.

Any student falling below the minimum required GPA will be placed on **Academic Probation** for the following 9 credit hours of coursework. During **Academic Probation**, registration must be approved by the Dean, who may impose restrictions on the courses approved (*e.g.*, on the total number of credit hours chosen during a single term and on specific courses selected).

The GPA achieved during the 9 credit hours spent under **Academic Probation** must not fall below 3.0. Failure to achieve a sessional GPA of at least 3.0 within those 9 credit hours will result in **Academic Suspension** for a period of 12 months. Students placed on **Academic Suspension** may be readmitted on appeal to the Health Studies Graduate Steering Committee and the Graduate Studies Committee of Senate. Failure to meet the academic performance requirements set by the Committee will result in removal from the program.

Students may not re-register for a course for which they received a passing grade (“B” or higher).

Submission of an annual progress report is mandatory. The progress report must be submitted to the MPN Program Coordinator by June 1. Registration in subsequent courses is contingent upon a satisfactory progress report as assessed by the program advisor/thesis advisor.

7.3 MASTER OF PSYCHIATRIC NURSING

The Master of Psychiatric Nursing program at Brandon University is designed for students who are seeking advanced practice roles in psychiatric nursing. The program prepares graduates to be leaders in psychiatric nursing and health care. Graduates will have foundational academic preparation to facilitate advanced knowledge and skills in clinical practice, administration, or education, with in-depth focus in one of these streams.

Graduates will combine this knowledge with research methodology to critically analyze current practices and contribute to innovation in service delivery and policy development. Graduates will serve as teachers, mentors, and role models to promote excellence among students and practitioners. Graduates will demonstrate ability to engage in reflective practice; anticipate and respond to emerging health and mental health needs; engage in independent practice; and undertake doctoral study.

7.3.1 PROGRAM REGULATIONS

The Master of Psychiatric Nursing program consists of 33 credit hours and includes completion of a thesis. Foundational courses in advanced practice are complemented by a focus on a selected stream. Streams are offered in advanced clinical practice, administration, and education. Each of the required courses in each stream includes a practicum experience to provide opportunities for application of course content to practice. The streams are also supported by research courses which, when combined with content from the selected stream, will enable graduates to evaluate current practice and contribute to innovation in service delivery and policy development.

7.3.2 PROGRAM ACCESS

Students may select full-time or part-time study. Courses are delivered largely online with an annual 2 - 3 day on-campus session.

7.3.3 STUDENT ADVISING

Individuals considering application for the Master of Psychiatric Nursing program should contact the Program Coordinator before applying for entry to develop a preliminary plan for their course of studies and to identify potential thesis advisors.

Initial advising is provided by the Program Coordinator. The thesis advisor will assume responsibility for advisement once a thesis advisor has been confirmed by the Graduate Health Studies Steering Committee.

7.3.4 DEGREE COMPLETION

Active practicing registration as a psychiatric nurse or nurse in Canada is required for admission to the Master of Psychiatric Nursing program, and registration must be maintained for the duration of the program.

While full-time study may be selected, students must enroll in at least one course per year (May 1 to April 30) in order to maintain student status. Students who will not be taking at least one course in a given year must apply for a Leave of Absence or withdraw from the Master of Psychiatric Nursing program.

Submission of an annual report is mandatory. The progress report must be submitted to the Master of Psychiatric Nursing Program Coordinator by June 1. Registration in subsequent courses is contingent upon a satisfactory progress report as assessed by the program advisor/thesis advisor.

Students must complete program requirements within six years of admission. Coursework must be completed within four years of admission to the program.

7.3.5 SECOND DEGREE REQUIREMENTS FOR MASTER OF PSYCHIATRIC NURSING

Students who have completed a first Masters’ degree and who are seeking the Master of Psychiatric Nursing as a second degree are required to complete a minimum of 21 credit hours of Brandon University courses, but no more than 33 credit hours, depending on previous education. Previous education will be assessed by the Graduate Health Studies Steering Committee to determine specific courses that second degree students will be required to complete within the range of 21 and 33 credit hours. Every student must complete 75:700 Graduate Thesis.

7.3.6 RESIDENCY REQUIREMENTS

A minimum of 21 credit hours must be awarded by Brandon University in order to satisfy the Master of Psychiatric Nursing program requirements. Course credit obtained through other universities and/or through prior learning assessment may not exceed 12 credit hours. All students are required to attend a 2 – 3 day on-campus session each year.

7.3.7 PRACTICUM REQUIREMENTS

A practicum experience is incorporated into each of the required courses in each stream in order to provide an opportunity for application of course content to practice. The selection of the practicum experience sites will be negotiated between the student and the course instructor. Criminal Records Check, Child Abuse Registry, CPR, and current immunization may be required for specific clinical placements in the program.

7.3.8 PROFESSIONAL CONDUCT

Students in the Faculty of Health Studies are required to conduct themselves in a safe and ethical manner in all program-related situations. Failure to adhere to expected standards of safe and ethical conduct will result in disciplinary consequences that may include expulsion from the Master of Psychiatric Nursing program. As licensed health professionals, all students are responsible to adhere to the standards of practice and code of ethics for their profession. Students are also responsible to adhere to standards and codes existent in the program of study at Brandon University. The Faculty of Health Studies reserves the right to require any student to be removed from a practicum or the program, based on consideration of competence, professional conduct or health. Under any of these circumstances the student’s right to withdraw from the course may be withheld (or in exceptional circumstances revoked).

7.3.9 THESIS REGULATIONS

Thesis guidelines are available online through the Master of Psychiatric Nursing website: <https://www.brandonu.ca/mpn/student-resources/thesis-guidelines-mpn-program/>.

7.3.10 CURRICULUM OUTLINE

Students in the Master of Psychiatric Nursing program will complete 33 credit hours including:

Required Core Courses		18
75:651	Foundations for Advanced Psychiatric Nursing Practice	3
75:652	Philosophical Basis for Advanced Practice	3
75:653	Qualitative Health Research Methods	3
75:654	Quantitative Health Research Methods	3
75:655	Seminar Topics in Psychiatric Nursing	3
75:656	Advanced Readings in Psychiatric Nursing or graduate level elective	3
Required Courses in Stream		6
1. Psychiatric Nursing Practice Stream		
75:657	Advanced Clinical Practice in Psychiatric Nursing I	3
75:658	Advanced Clinical Practice in Psychiatric Nursing II	3
OR		

2. Administration Stream		
75:659	Health Services Leadership and Administration I	3
75:660	Health Services Leadership and Administration II	3
OR		
3. Education Stream		
75:661	Advanced Nursing Education I	3
75:662	Advanced Nursing Education II	3
Coursework Total		24
75:700	Thesis	9
Total:		33

COURSE DESCRIPTIONS

Note: Students are reminded that the courses as listed below may or may not be offered in any given year. Please check the Registration Guide for the final listing at: <http://www.brandonu.ca/registration/>.

75:651 FOUNDATIONS FOR ADVANCED PSYCHIATRIC NURSING PRACTICE (3)

Prerequisite: Admission to the Master of Psychiatric Nursing Program.

In this course, students will explore the roles, competencies, and responsibilities inherent in advanced psychiatric nursing practice related to leadership, management, clinical practice, nursing education, and research. Ethical issues related to advanced practice will be explored. Theory and principles of transformative change will be discussed within the context of nursing, psychiatric nursing, and health care. The dynamics of roles, responsibilities and practice policy development; and the health care delivery system will be explored. Strategies for transition to advanced practice will be investigated.

Online course, one term.

75:652 PHILOSOPHICAL BASIS FOR ADVANCED PRACTICE (3)

Prerequisite: Admission to the Master of Psychiatric Nursing Program.

The focus of this course is critical inquiry into the nature, scope, and purpose of nursing and psychiatric nursing knowledge, and the distinct contributions of nursing art, philosophy, and science. Major philosophical positions and their contributions to the development, evolution, and evaluation of nursing and psychiatric nursing knowledge and theory will be explored. Critical analysis of various paradigms conceptual frameworks, and nursing theories will lead students to conceptualize and articulate the philosophical perspectives that guide their practice. Critical links between knowledge creation and practice including administration, teaching, research, and clinical relevance will be examined. The contribution of self, within philosophy and theory development, to inform practice will be explored.

Online course, one term.

75:653 QUALITATIVE HEALTH RESEARCH METHODS (3)

Prerequisite: Admission to the Master of Psychiatric Nursing Program.

The focus of this course is to provide students with the theoretical background, methodological, and practical skills to engage in qualitative research. In this course, students will develop knowledge and skills in the processes of qualitative research from question development to analysis of findings. Ethical guidelines for qualitative research will be discussed. Students will explore qualitative research methods to understand and apply approaches to specific research questions. Students will be introduced to methods for analyzing and presenting qualitative findings, including the use of software programs.

Online course, one term.

75:654 QUANTITATIVE HEALTH RESEARCH METHODS (3)

Prerequisite: Admission to the Master of Psychiatric Nursing Program.

The focus of this course is to provide students with the theoretical background, methodological, and practical skills to engage in quantitative research. In this course, students will develop knowledge and skills in the processes of quantitative research from question development to analysis of findings. Ethical guidelines for quantitative research will be discussed. Students will explore quantitative research methods to understand and apply approaches to specific research questions. Students will demonstrate capacity to use analysis software to conduct data analysis and interpret results. Methods for presentations of quantitative findings will also be discussed.

Online course, one term.

75:655 SEMINAR TOPICS IN PSYCHIATRIC NURSING (3)

Prerequisite: Completion of at least 3 credit hours of core courses in the MPN program.

The focus of this course is on emerging issues and circumstances that influence health, mental health, and psychiatric nursing practice. Social, political, and economic trends will be examined. Program development, implementation, and evaluation will be discussed. Resources and supports for assuming a leadership role in relation to health issues will be explored. Students will develop strategies for shaping health policy and practice, as well as strategies for responding to trends in education, leadership, and practice.

Online course, one term.

75:656 ADVANCED READINGS IN PSYCHIATRIC NURSING (3)

Prerequisite: Completion of 75:651, 75:653 and 75:654

In this course, students will be provided with a structure to facilitate individualized learning and thesis development. Students will work with their thesis advisors to prepare a course outline that describes the overall purpose of the course, desired learning objectives, a tentative reading list, learning activities, contact schedule, and course requirements. The course will involve directed readings and will normally be evaluated through such requirements as major papers, or extensive annotated bibliographies. Public presentation may also be required.

Online course, one term.

75:657 ADVANCED CLINICAL PRACTICE IN PSYCHIATRIC NURSING I (3)

Prerequisite: Completion of 6 credit hours of core courses including 75:651.

In this course, students will draw upon the fields of neuroscience, human development, attachment theory, and trauma to equip the student in the development of a conceptual framework to guide his/her advanced practice. The student will develop enhanced case conceptualization, goal setting, and intervention strategies in relation to complex clinical phenomena. Necessary elements of treatment planning, including a broad range of therapeutic interventions and DSM diagnoses, will be covered.

Online course, 6-8 clinical practice hours per week, one term.

75:658 ADVANCED CLINICAL PRACTICE IN PSYCHIATRIC NURSING II (3)

Prerequisite: 75:657.

Students enrolled in this course will experience both an academic and clinical focus with the opportunity to explore theory and application of it in practice. The role of addictions and trauma will be examined in relation to the student's chosen area of specialization. The role of the advanced psychiatric nurse clinician as consultant and/or service provider in regard to psychopharmacological and psychotherapeutic strategies in varied settings will be explored.

Online course, 8 clinical hours, 3 hours theory, per week, one term.

75:659 HEALTH SERVICES LEADERSHIP AND ADMINISTRATION I (3)

Prerequisite: Completion of 6 credit hours of core courses, including 75:651.

The focus of this course is on the administrative aspect of health services delivery and psychiatric nursing practice. The emphasis will be on administrative theory, organizational structure and processes, interdisciplinary collaboration, and the administration of health care at the unit and organizational levels. Theoretical concepts and evidence relevant to administrative roles in the health care system will be explored as a basis for leadership roles in advanced psychiatric nursing practice. Students will apply theory in selected practice settings.

Online course, 6-8 clinical practice hours per week, one term.

75:660 HEALTH SERVICES LEADERSHIP AND ADMINISTRATION II (3)

Prerequisite: Completion of 6 credit hours of core courses including 75:651.

This course involves the synthesis, application, and further acquisition of knowledge, skills, and attitudes related to health services leadership and administration. Theoretical concepts and evidence relevant to leadership in the health care system will be explored as a basis for senior leadership roles in advanced psychiatric nursing practice. Students will apply and integrate theory in selected practice settings.

Online course, 6-8 clinical hours per week, one term.

75:661 ADVANCED NURSING EDUCATION I (3)

Prerequisite: Completion of 6 credit hours of MPN courses, including 75:651.

In this course, students will explore and critically examine teaching and learning modalities for nursing education and the evaluation of educational programs and strategies. Advanced preparation for future or current nurse educators and administrators will be provided. Students will apply and integrate pedagogical theories and strategies in selected practice.

Online course, 8 clinical hours, 3 hours theory, per week, one term.

75:661 ADVANCED NURSING EDUCATION II (3)

Prerequisite: Completion of 6 credit hours of MPN courses, including 75:651.

In this course, students will explore and critically examine philosophical, theoretical, and legal-ethical perspectives in forming curriculum and curriculum development in nursing education. Advanced preparation for future or current nurse educators and administrators will be provided. Students will apply and integrate theory in selected practice settings.

Online course, 8 clinical hours, 3 hours theory, per week, one term.

75:700 GRADUATE THESIS (9)

Prerequisite: Completion of all required and elective coursework.

A thesis involves identification, articulation, and critical analysis of a significant issue in psychiatric nursing. The thesis will involve application of advanced practice knowledge to a research question. The research question will reflect original thinking on a topic of importance to current practice. Evaluation of the thesis component will include a public thesis defense.

SECTION 8. RURAL DEVELOPMENT GRADUATE STUDIES**Dean**

D. Tryphonopoulos, B.A. (Hons.), M.A., Ph.D. (*Dean of Arts*) tryphonopoulosd@brandonu.ca

Coordinator

D. Ramsey, B.A., M.A., Ph.D. (*Chair*) ramsey@brandonu.ca

8.1 ADMISSION REQUIREMENTS

For General Admission Regulations for entry to Brandon University please see page 9.

8.1.1 ADMISSION, GRADUATE DIPLOMA IN RURAL DEVELOPMENT

Applications for September entry for Domestic and International students into the Master of Rural Development degree program must be received by January 31st. Applications for January entry for Domestic students must be received by August 31st.

1. Regular status is assigned to students who have satisfied all requirements for admission as a Graduate Diploma candidate. Students will normally have a four year Bachelor's degree (B.A., B.Sc., or equivalent) or a three year Bachelor's degree supplemented by post-graduation studies, professional rural development experience, accreditation by relevant professional associations, or any combination of these that in the judgment of the Rural Development Graduate Admissions Committee constitutes the equivalency of a fourth year of undergraduate study.
2. Students will normally have a minimum cumulative grade point average (CGPA) of 3.0 in the last 30 credit hours of study completed prior to application for entry. Students with less than a 3.0 CGPA may be required by the Rural Development Graduate Admissions Committee to undertake compensatory study.
3. International students must submit one of the following:
 - A minimum TOEFL score of 580 (written) or 92 (internet based)
 - a minimum score of 7.0 on the International English Language Testing System (IELTS)
 - minimum score of 85 on the Michigan English Language Assessment Battery (MELAB)
 - a minimum score of 4 on the Certificate of Proficiency in English (COPE)
4. English for Academic Purposes (EAP) students must complete Tier 4 with 75% in each and every course, combined with CanTEST scores of 5.0 on the Reading and Listening measures, and 4.5 on the Oral and Written measures.

8.1.2 ADMISSION, MASTER OF RURAL DEVELOPMENT

Applications for September entry for Domestic and International students into the Master of Rural Development degree program must be received by January 31st. Applications for January entry for Domestic students must be received by August 31st.

1. Regular status is assigned to students who have satisfied all requirements for admission as a Masters' degree candidate. Students will normally have a four year Bachelor's degree (B.A., B.Sc., or equivalent) or a three year Bachelor's degree supplemented by post-graduation studies, professional rural development experience, accreditation by relevant professional associations, or any combination of these that in the judgment of the Rural Development Graduate Admissions Committee constitutes the equivalency of a fourth year of undergraduate study.
2. Students will normally have a four year Bachelor's degree (B.A., B.Sc., or equivalent) or a three year Bachelor's degree supplemented by post-graduation studies, professional rural development experience, accreditation by relevant professional associations, or any combination of these that in the judgment of the Rural Development Graduate Admissions Committee constitutes the equivalency of a fourth year of undergraduate study.
3. Students will normally have a minimum cumulative grade point average (CGPA) of 3.0 in the last 30 credit hours of study completed prior to application for entry. Student with less than a 3.0 CGPA may be required by the Rural Development Graduate Admissions Committee to undertake compensatory study.
4. International students must submit one of the following:
 - a minimum TOEFL score of 580 (written) or 92 (internet based),
 - a minimum score of 7.0 on the International English Language Testing System (IELTS)
 - a minimum score of 85 on the Michigan English Language Assessment Battery (MELAB)
 - a minimum score of 4 on the Certificate of Proficiency in English (COPE)
5. English for Academic Purposes (EAP) students must complete Tier 4 with 75% in each and every course, combined with CanTEST scores of 5.0 on the Reading and listening measures, and 4.5 on the Oral and Written measures.

8.2 GRADUATE DIPLOMA IN RURAL DEVELOPMENT

The Graduate Diploma in Rural Development is designed to provide graduate level study to those who want to extend their knowledge of theory and practice through coursework but are not interested in the research training component of graduate study.

The Chair of the Department of Rural Development will assign each student registering in the Graduate Diploma in Rural Development program an advisor who will help the student design a program of study. Any course sequence is allowable, but the thesis option is not available.

8.2.1 PROGRAM REGULATIONS

1. Twenty-four (24) credit hours are required to receive a Graduate Diploma. At least 18 credit hours must be at the 500 level. All non-500 level courses require the approval of the student's advisor, appropriate undergraduate Department Chair, and the Chair of the Department of Rural Development.
2. 100 level courses may not be taken for credit toward the Graduate Diploma.

3. A student is expected to complete the program requirements within six (6) years after first registration.
4. Each student's program of study must be submitted for approval to the student's academic advisor.
5. Students may earn up to 3 credit hours by attendance at approved non-credit professional development sessions (workshops, conferences, and in-service sessions). Normally, one credit hour is earned for attendance for every 24 hours or relevant non-credit sessions. Prior approval must be sought in the following manner to determine eligibility for credit: The student must submit a written request with the supporting materials/documentation to his/her program advisor. It is expected that workshops, conferences, and professional in-services for which credit is sought will be completed during the student's program and before graduation. Content material should reflect an identifiable theme in rural development and be appropriate for graduate level study. These 3 credit hours will be graded "Pass" or "Fail". Normal per credit hour fees will apply. If a program of 3 credit hours is planned and approved, students will receive credit for 88:580 Guided Individual Study.
6. Prospective students with little direct background in the areas/disciplines/methodologies relevant to rural development may be required to satisfy the Rural Development Graduate Admissions Committee that they will be able to complete the required courses. This may occur, for example, by receiving successful standing in a maximum of two 3 credit hour courses taken at the undergraduate level. The nature of these courses is to be established by the Rural Development Graduate Admissions Committee. All prospective students must have an advanced undergraduate research methods course or the equivalent.
7. A Prior Learning Assessment and Recognition (PLAR) process may be used to evaluate prospective students who have some formal training and detailed relevant experience. This PLAR process will be utilized for both admission and awarding of credit. A maximum of 6 credit hours through PLAR may be used toward the degree. Application for PLAR credit must be made in writing to the Chair of the Department of Rural Development. The submission will include a portfolio providing evidence of participation and accomplishments relevant to rural development. Guidance on the format and details of the submission can be obtained from the Chair, or from the web page at www.brandonu.ca/rural-development.

8.2.2 ACADEMIC PERFORMANCE REQUIREMENTS

Students registered in the Graduate Diploma are required to achieve a minimum grade of "B-" in each course to be counted toward the Graduate Diploma. Students will be assessed after completion of 12 and 18 credit hours. Students who obtain a GPA of less than 2.7 after 12 credit hours will be placed on **Academic Probation**, and must have the approval of the Chair of the Department of Rural Development to register in further courses. Students who obtain a GPA of less than 2.7 after 18 credit hours will be placed on **Academic Suspension** for one year. Continuation of the Graduate Diploma program after Academic Suspension requires approval of the Department of Rural Development and the Graduate Studies Committee of Senate.

8.2.3 GRADUATION REQUIREMENTS

1. The Department of Rural Development requires a minimum GPA of 2.7 for awarding of the Graduate Diploma in Rural Development. Students who wish to go on to Master's degree work are normally required to attain a GPA of 3.0.
2. Students who successfully complete the Graduate Diploma in Rural Development may transfer course credits to the Master of Rural Development degree if these credits meet the requirements of the Master's degree program. Only courses in which a minimum grade of "B" was attained may be used for transfer of credit. The same credit hours cannot be applied to both the Diploma program and the Master's program.

8.3 MASTER OF RURAL DEVELOPMENT (MRD)

Prior to applying to the Master of Rural Development Degree program, students are strongly advised to approach the Chair of the Department of Rural Development or one of its core faculty for program information and guidance in working through graduate studies. The student will be assigned an academic advisor upon entry to the program. The Department of Rural Development is committed to high levels of scholarly achievement and to preparing students for leadership roles. Students should expect a program that is academically challenging as well as practical in orientation.

The course work of the Master's program must be completed within a maximum period of four (4) years from the date of admission. Students who require an extension for successful completion of their program must obtain approval from the Chair of the Department of Rural Development and the Graduate Studies Committee of Senate. Students have two years in which to complete their thesis requirement once it has been initiated. Students who require an extension for the thesis must obtain approval from the Chair of the Department of Rural Development. A fee must be paid to maintain the student's status in the program in any year in which the student is not registered in course work.

If a student exceeds the extension option, the student may apply for re-admission. At that time, his/her entire program will be reviewed. If the student is re-admitted, a revised program will be developed.

8.3.1 PROGRAM REGULATIONS

1. The MRD program consists of 30 credit hours either by taking 10 courses or six courses and a thesis.
2. Students have the option to exit from the Master's program at this point and pursue a Graduate Diploma in Rural Development (24 credit hours). Approval must be obtained from the Chair of Rural Development.
3. The thesis carries 9 credit hour weight. The topic for the thesis must be approved by an advisor and a small academic/professional committee, normally consisting of two other members.
4. 100 level courses may not be taken for credit toward the Master of Rural Development.
5. Each student's program of study must be submitted by the student's advisor to the Department for approval.

6. Students may earn up to 3 credit hours by attendance at approved non-credit professional development sessions (workshops, conferences, and in-service sessions). Normally, one credit hour is earned for attendance at 24 hours of relevant non-credit sessions. Prior approval must be sought in the following manner to determine eligibility for credit: The student must submit a written request with the supporting materials/documentation to his/her program advisor. It is expected that workshops, conferences, and professional in-services for which credit is sought will be completed during the student's program and before graduation. Content material should reflect an identifiable theme in rural development and be appropriate for graduate level study. These 3 credit hours will be graded "Pass" or "Fail". Normal per credit hour fees will apply. If a program of 3 credit hours is planned and approved, students will receive credit for 88:580 Guided Individual Study.
7. Prospective students with little direct background in the areas/ disciplines/methodologies relevant to rural development may be required to satisfy the Rural Development Graduate Admissions Committee that they will be able to complete the required courses. This may occur, for example, by receiving successful standing in a maximum of two 3 credit hour courses taken at the undergraduate level. The nature of these courses is to be established by the Rural Development Graduate Admissions Committee. All prospective students must have an advanced undergraduate research methods course or the equivalent.
8. Transfer credits will be accepted, consistent with University policy. Students may transfer a maximum of 12 credit hours (including any credit via Prior Learning Assessment and Recognition) taken at the post-degree level into the Master's program.
9. A Prior Learning Assessment and Recognition (PLAR) process may be used to evaluate prospective students who have some training and detailed relevant experience. This PLAR process will be utilized for both admission and awarding of credit. A maximum of 6 credit hours through PLAR may be used toward the degree. Application for PLAR credit must be made in writing to the Chair of the Department of Rural Development. The submission will include a portfolio providing evidence of participation and accomplishments relevant to rural development. Guidance on the format and details of the submission can be obtained from the Chair, or from the departmental web page at <https://www.brandonu.ca/rural-development/>.
10. Any student enrolled in 86:600 Thesis and actively engaged in thesis completion as determined on an annual basis by the supervisor and the Chair of Rural Development, shall be considered a full-time student of Brandon University.

8.3.2 ACADEMIC PERFORMANCE REQUIREMENT

Students registered in the Master's program are required to achieve a minimum grade of "B" in each course to be counted toward the degree. Students will be assessed after completion of 12 and 18 credit hours. Students who obtain a GPA of less than 3.0 after 12 credit hours will be placed on **Academic Probation**, and must have the approval of the Chair of the Department of Rural Development to register in further courses. Students who obtain a GPA of less than 3.0 after 18 credit hours will be placed on **Academic Suspension** for one year. Continuation of the Master's program after suspension requires approval of the Department of Rural Development and the Graduate Studies Committee of Senate.

8.3.3 MASTER OF RURAL DEVELOPMENT GRADUATION REQUIREMENTS

The Department of Rural Development requires a minimum degree GPA of 3.0 for awarding of the Master of Rural Development.

8.3.4 MASTER OF RURAL DEVELOPMENT: OUTLINE OF REQUIRED COURSES

Thesis Option

Required			24
88:560	Economic Development	3	
88:562	Rural Community Development	3	
88:591	Research Methods I	3	
88:592	Research Methods II	3	
88:600	Thesis	12	
<i>Choose: two electives from any of the 500 level Rural Development courses</i>			6
		Total:	30

Course-based Option

Required			12
88:560	Economic Development	3	
88:562	Rural Community Development	3	
88:591	Research Methods I	3	
88:592	Research Methods II	3	
<i>Choose: six electives from any of the 500 level Rural Development courses</i>			18
		Total:	30

DEPARTMENTAL ADVANCED SEMINAR SERIES

In addition to regularly scheduled courses, students are strongly encouraged to participate in and contribute to the **Departmental Advanced Seminar Series**. The series is not for credit but is designed to enhance a student's practical experience in rural development activities and initiatives. Activities could include attendance at thesis presentations, research seminars, workshops and lectures by visiting faculty.

COURSE DESCRIPTIONS

Note: Students are reminded that the courses as listed below may or may not be offered in any given year. Please check the Registration Guide for the final listing at: <http://www.brandonu.ca/registration/>

88:551 RURAL RESTRUCTURING (3)

Prerequisite: Nil.

This course details current conditions and trends in the rural economic, social and political arenas. It concentrates on evolving economic structures, trade patterns and globalization. It describes and details the impact of recent changes in populations, demographics, and inter- and intra-community structures.

3 lecture hours per week, one term.

88:552 SUSTAINABILITY IN RURAL DEVELOPMENT (3)

Prerequisite: Nil.

The concept of sustainability has gained prominence in the last two decades, and is now deeply embedded in the discourse and practice of rural development. This comprehensive concept has local and global dimensions and implications. It is a dynamic concept that is hotly contested and at the same time brings stakeholders together. This course examines the origins, streams and prospects for sustainable development in the rural context, utilizing both local/regional and international case studies of its conceptualization and practice.

3 lecture hours per week, one term.

88:553 RURAL DEVELOPMENT IN GLOBAL PERSPECTIVES (3)

Prerequisite: Nil.

This course explores the relationship between rural communities and the global pattern of development. It emphasizes economic institutions, trade and investment patterns and how these are supportive of, or damaging to, rural development. The opportunities and vulnerabilities of Canadian communities and organizations to international action and competition are examined. Impact, reaction and strategies in rural communities in other developed and developing countries are also studied. Political, social, and cultural influences that come from interdependence and reduced obstacles to communication are examined to the extent that they impinge on rural development.

3 lecture hours per week, one term.

88:554 MUNICIPAL GOVERNMENT AND RURAL DEVELOPMENT (3)

Prerequisite: Nil.

An examination of the role of municipal governments in undertaking the fundamental facets of rural development. A discussion of these governments' relations with relevant provincial departments and with other municipalities and local organizations, as well as their strengths and weaknesses as junior levels of government in promoting economic and social advancement are discussed. Suggestions are offered for enhancing the current limited role of local government and their political and administrative structures and leadership in the achievement of the goal of rural development.

3 lecture hours per week, one term.

88:555 ANTHROPOLOGY OF DEVELOPMENT (3)

Prerequisite: Permission of Instructor.

This course provides an ethnographic, theoretical, and methodological overview of the history, applied practices, and interdisciplinary relationship between anthropology and international development. Through the use of ethnographic case studies focusing on Asia, Africa, and Latin America, the course first explores the core concepts, theoretical positions, and methodologies associated with the anthropology of development and anthropology *in* development. This course then critically analyzes the complex ways that development introduces change to the diverse settings in the Global South, and the role that anthropologists play in their process.

Credit cannot be held for both this course and 12:351.

3 lecture hours per week, one term.

88:556 ANTHROPOLOGY OF GLOBAL PUBLIC HEALTH (3)

Prerequisite: Permission of Instructor.

The Anthropology of Global Public Health represents the emergence of a critical, interdisciplinary and applied sub-discipline of Socio-Cultural and Medical Anthropology. Broadly speaking, Global Public Health is defined as an area of research and practice which is focused on improving issues of health and health-equity. Global Public Health practices, policies and interventions are increasingly characterized by transcultural, transnational approaches which emphasize the social determinants of health experienced by peoples from diverse backgrounds, and respond to the specific socio-cultural needs of local populations, healthcare settings, and therapeutic traditions. In turn, the applied and scholarly research of Anthropologists working in Global Public Health occurs at the intersection of the Social and Health Sciences. Such work is informed by the concepts, analytical frameworks, and issues associated with Development, Globalization, International Relations, and Conflict Studies.

Credit cannot be held for both this course and 12:456.

3 lecture hours per week, one term.

88:559 HEALTH OF RURAL POPULATIONS AND COMMUNITIES (3)

Prerequisite: Nil.

This course will provide the student with an overview of theory, issues, and strategies related to the health of rural residents and the communities in which they live. Determinants of health as they relate to rural populations and communities, the health status of various rural populations, and factors which contribute to the health of rural residents will be discussed. Issues related to rural health care delivery and planning, healthy public policy and rural health research will be addressed. This course is designed for Master's students interested in the

health and sustainability of rural populations and communities.

Credit cannot be held for both this course and 69:459.

Cross-registered with (Health Studies) 69:459.

3 lecture hours per week, one term.

88:560 ECONOMIC DEVELOPMENT (3)

Prerequisite: Nil.

This course investigates the essential role of economic development in overall rural development. It is designed to acquaint students with the principles and concepts of economic development in a modern society. Included are strategies planning, infrastructure development, marketing of the community, investment support, entrepreneurship, enhancement of trade and long-term economic planning.

3 lecture hours per week, one term.

88:561 BUSINESS DEVELOPMENT (3)

Prerequisite: Nil.

This course discusses the theory, components and process of business development. It is designed to acquaint the student with the intricacies and opportunities of business, the steps in business development and planning, and common issues encountered. Emphasis will be placed on opportunities in the new economy, tourism, investment and development, marketing, team building and partnerships, home and small business, and retention and expansion of existing businesses.

3 lecture hours per week, one term.

88:562 RURAL COMMUNITY DEVELOPMENT (3)

Prerequisite: Nil.

This foundation course in the Department of Rural Development examines the process, strategies, techniques and other essential factors associated with community organization and development, local/regional planning and social action. Theory and practice are examined, with a focus on the local and regional levels, although an international perspective will also be injected as appropriate. To make the course grounded, field visits to local rural organization may be used as well as participation in, to bring together local stakeholders. The instructor will facilitate the participation of our faculty members in the Department to expose the students to a range of views, competencies and experiences in community development.

3 lecture hours per week, one term.

88:563 RURAL TOURISM (3)

Prerequisite: Permission of Instructor.

This course examines rural tourism by focusing on three aspects of rural tourism (ecotourism, agritourism, and cultural tourism). In doing so, the course incorporates examples of tourism strategies and activities from across Canada. Adopting a seminar format, students have the opportunity to contribute to improving our understanding of how rural tourism is being practiced in Canada and developing a "Made in Manitoba" rural tourism plan.

Credit cannot be held for both this course and 38:463 and 88:463.

3 lecture hours per week, one term.

88:564 RURAL RESOURCE DEVELOPMENT (3)

Prerequisite: Nil.

Rural communities in Canada have traditionally been reliant on biophysical resources as economic bases. As resource supply and demand changes, the future of resource-based communities comes into question. This course begins by reviewing economic theories relevant to resource communities (*e.g.*, staples and export-based theories). Using regional inventories, the current states of resource-dependent regions in Canada are explored (*e.g.*, cod fishery, mine closures, changing farm structure). The course then examines the public policy implications of these issues (*e.g.*, local economic development programs), as well as the regulatory framework for resource development in Canada (*e.g.*, Environment Impact Assessment processes). A seminar format is adopted.

Credit cannot be held for both this course and 38:464 or 88:464.

3 seminar hours per week, one term.

88:566 RURAL DEVELOPMENT AND SOCIAL INDICATORS (3)

Prerequisite: Permission of Instructor.

This course examines quantitative issues related to "measuring" rural development, particularly through the use of social indicators. The course begins with an introduction to social indicators research and rural development, including philosophical perspectives and theoretical and conceptual frameworks. This is followed by examples and case study analyses using a) quantitative/objective social indicators and b) qualitative/subjective social indicators. A significant part of the course each year will be a rural community study involving the collection and analyses of subjective social indicators and linking these to rural development patterns. The course will conclude with evaluations and assessments focused on developing critical perspectives on rural development and social indicators.

3 lecture hours per week, one term.

88:571 THE RURAL-URBAN FRINGE (3)

Prerequisite: Nil.

The rural-urban fringe is a region surrounding the city where there is a comingling of urban and rural land uses, lifestyles, and economic activities, and where conflict and controversy are often present. Examples of rural-urban interactions where problems emerge include: land use conflicts between urban and rural land use (*e.g.*, between rural non-farm residents) and farmers, and economic concerns, such as

development versus the preservation of rural space.
Credit cannot be held for both this course and 38:471 or 88:471.
3 lecture hours per week, one term.

88:573 HAZARD MITIGATION IN LAND-USE PLANNING (3)

Prerequisite: Nil.

This course will focus on the integration of hazard mitigation into land-use planning. The course will primarily examine current practices and future options in Canada with comparisons to the United States, New Zealand, the United Kingdom and other jurisdictions. It is a readings based course with the emphasis on the student's analysis of the current literature. This course will build on the foundation established in Disaster Recovery and Mitigation (40.355). Rural development and environmental science students will also benefit from understanding the community planning process from this perspective.

Credit cannot be held for both this course and 40:463.

3 lecture hours per week, one term.

88:580 GUIDED INDIVIDUAL STUDY (3)

Prerequisite: Nil.

This course is tailor-made for the student's needs, interests and areas of specialization. After determining these, the Department of Rural Development will assign a course advisor who will develop the course requirements and assessment methods. Guided Individual Study is developed on an individual student basis with a Department of Rural Development faculty member.

88:590 CO-OPERATIVE EXPERIENCE (3)

Prerequisite: Nil.

On the basis of interest, knowledge and availability, the student will be assigned a place of work, a program of research/field work that will enhance the student's knowledge and understanding of rural-based work, as well as the institution to which the student has been assigned. Co-operative Experience is developed on an individual student basis with a Department of Rural Development faculty member.

88:591 RESEARCH METHODOLOGY (3)

Prerequisite: Nil.

This course orients students to proposal preparation and thesis completion through discussion, literature reviews, examination sampling and survey design, analytical methods and forms of written expression. All students in the Master of Rural Development program must complete this course.

Credit cannot be held for both this course and 88:491.

3 lecture hours per week, one term.

88:592 RESEARCH METHODS II (3)

Prerequisite: 88:591.

This course is designed to prepare students to complete their graduate thesis. The course consists of units on the technical aspects of thesis proposals, defining audience and organization, and preparing literature reviews and working outlines. The course involves a review of the statistical methods most commonly used for analysis of data relating to rural development.

3 lecture hours per week, one term.

88:599 SPECIAL TOPICS IN RURAL DEVELOPMENT (3)

Prerequisite: Enrolment in Graduate or Master of Rural Development program.

A course of study on a special topic in rural development to be selected in consultation with the department. May be a series of lectures or seminars by visiting professors or regular members of faculty. May be a research project on a special topic in rural development normally culminating in a major paper.

3 lecture hours per week, one term.

88:600 THESIS (12)

Prerequisite: Permission of the Department.

Students must complete and successfully defend a thesis to receive the MRD degree. A thesis involves the identification, articulation and critical analysis of a significant issue in rural development. Definition of the topic and preparation of the thesis will be supervised by a faculty advisor or advisors, and normally will involve an advisory committee. Final approval of the thesis (defense) must involve a three person adjudication, including the Faculty advisor and two others.

88:602 ADVANCED SKILLS FOR RURAL DEVELOPMENT (3)

Prerequisite: Nil.

Practical skills for rural development are essential tools for effective engagement in community development. The "Skills" course is designed to develop essential skills not already built into other courses in the Master's program. These skills may relate to communication (*e.g.*, language acquisition, information technology, multi-media presentations), organization and planning (*e.g.*, grant proposal preparation, visioning, strategic planning) or group facilitation (*e.g.*, conflict management, effective meeting management, gaining participation). The mix of skills may vary from time to time as demands made on the profession are recognized.

SECTION 9. SCIENCE GRADUATE STUDIES

Acting Dean

A.F. Gulliver, B.Sc. (Hons.), M.Sc., Ph.D. Gulliver@brandonu.ca

Coordinator

D. Eberts, B.A. (Hons.), M.A., Ph.D. ebertsd@brandonu.ca

9.1 ADMISSION REQUIREMENTS

For General Admission Regulations for entry to Brandon University please see page 9.

9.1.1 ADMISSION, MASTER OF SCIENCE (ENVIRONMENTAL & LIFE SCIENCES)

While the Master of Science (Environmental and Life Sciences) (MELS) program encourages applications at any time, applications for September entry for domestic and international students into the degree program should be received by January 31st to receive full consideration.

1. Regular status is assigned to students who have satisfied all requirements for admission as a Masters' degree candidate. Students will normally have a four year Bachelor's degree (B.A., B.Sc., or equivalent) or a three year Bachelor's degree supplemented by any combination of the following that, in the judgment of the MELS Steering Committee, constitutes the equivalency of a fourth year of undergraduate study: post-graduation studies, professional experience in an area of environmental science or life sciences (including, but not limited to, the subject areas biology, chemistry, geography and geology), accreditation by relevant professional associations. See page 9 for regulations regarding conditional admission.
2. Students will normally have a minimum cumulative grade point average (CGPA) of 3.3 ("B+") in the last 30 credit hours of study completed prior to application for entry.
3. International students from non-exempt countries, or who do not qualify for an English Language Waiver, must submit a minimum TOEFL score of 580 (written), or 92 (internet based), or one of the following alternatives:
 - a minimum score of 7.0 on the International English Language Testing System (IELTS)
 - a minimum score of 85 on the Michigan English Language Assessment Battery (MELAB)
 - a minimum score of 4 on the Certificate of Proficiency in English (COPE)
4. English for Academic Purposes (EAP) students must complete Tier 4 with 75% in each and every course, combined with CanTEST scores of 5.0 on the Reading and listening measures, and 4.5 on the Oral and Written measures.

9.2 GENERAL INFORMATION

The Faculty of Science offers studies leading to the Interdisciplinary Master of Science (MSc) in Environmental and Life Sciences (MELS) degree. Students are required to complete courses (including seminar courses, methodological courses and specialized courses tailored to an area of study), conduct research, and produce a thesis that integrates data, methods, concepts and/or theories from two or more distinct disciplines or fields of study. Program graduates will meet learning outcomes in the areas of research methodology, scientific problem solving, project planning, scientific writing and expression, and data interpretation and analysis. Graduates of this program will possess strong research skills and will receive the level of professional preparation required to undertake doctoral studies or gain employment in the growing life and environmental sciences sectors.

Prior to applying to the MELS program, students are strongly advised to consult with the MELS Coordinator and potential supervisors from among the graduate faculty members in Science for information about available projects. Students will be advised by an academic supervisor and a graduate advisory committee (normally consisting of two other members) for guidance in developing and progressing through their program of graduate studies.

The course work of the Master's program will normally be completed within a maximum period of two (2) years from the date of admission. Students who require an extension for successful completion of their program must obtain approval from the MELS Steering Committee in the Faculty of Science and the Graduate Studies Committee of Senate. Students have two years in which to complete their thesis requirement once it has been initiated, with the thesis project normally commenced in the 1st year of a student's program. Students who require an extension for the thesis must obtain approval from the Dean of Science. A fee must be paid to maintain the student's status in the program in any year in which the student is not registered in course work.

If a student exceeds the extension option, the student may apply for re-admission. At that time, his/her entire program will be reviewed. If the student is re-admitted, a revised timeline will be developed which may require a revision of the program of study necessary for graduation.

9.2.1 PROGRAM REGULATIONS

- 1) The MELS program consists of a minimum of 30 credit hours including the thesis.
- 2) All students must complete a thesis in the area of Environmental and/or Life sciences. The thesis carries a 16 credit hour weight. The topic for the thesis must be approved by the student's supervisor and graduate advisory committee, and the MELS Steering Committee.
- 3) All students must complete a minimum of 6 credit hours of course work at the graduate level (600-level or above) normally drawn from the list of courses offered by the Faculty of Science at BU. The courses must represent at least two distinct disciplines. This may be satisfied by courses selected from different departments, or at the recommendation of the student's graduate advisory committee and approval of the MELS Steering Committee, courses representing distinct fields of study selected from within one department.
- 4) All students will be required to complete an additional 3 credit hour Research Methodology course or have completed the equivalent, as recommended by the student's graduate advisory committee, normally in the first year of the program.
- 5) All students are required to complete a Graduate Seminar in Environmental and Life Sciences, normally in the first year of the program.
- 6) All students must attend and participate in the Science Seminar Series (including presentation of two seminars based on their research) through enrolment in the Graduate Seminar in Science course. This course is normally taken twice in their program.

- 7) Course requirements (selection and number) will be determined by the student's graduate advisory committee in consultation with the student, and approved by the MELS Steering Committee. This may include the addition of courses beyond the 30 credit hour minimum requirement (e.g., Conditional admission; please see page 9).
- 8) Individual courses within a program of study may be taken elsewhere for credit at this University or by transfer. In such cases, students must have the prospective course approved by their graduate advisory committee and the MELS Steering Committee.
- 9) Students may earn up to 3 credit hours by attending approved non-credit professional development sessions (workshops, and in-service sessions) for credit in the course 48:661 Graduate Research Practicum. Normally, one credit hour is earned for attendance at 24 hours of relevant non-credit sessions. Prior approval must be sought in the following manner to determine eligibility for credit for 48:661 Graduate Research Practicum: The student must submit a written request with the supporting materials/documentation to his/her graduate advisory committee who will make a recommendation to the MELS Program Coordinator for her/his approval. It is expected that workshops, conferences, and professional in-services for which credit is sought will be completed during the student's program and before graduation. Content material should reflect an identifiable theme in Environmental and/or Life Sciences and be appropriate for graduate level study. These credit hours will be graded "Pass" or "Fail". Normal per credit hour fees will apply. If a program of 3 credit hours is planned and approved, students will receive credit for 48:661 Graduate Research Practicum.
- 10) Prospective students with little direct background in the areas/disciplines/methodologies relevant to Environmental and Life Sciences may be required to satisfy the MELS Steering Committee that they will be able to complete the required courses. This may occur, for example, by receiving successful standing in a maximum of two 3 credit hour courses taken at the undergraduate level. The nature of these courses is to be established by the MELS Steering Committee.
- 11) Transfer credits will be accepted, consistent with University policy. Students may transfer a maximum of 6 credit hours taken at the post-degree level into the Master's program.
- 12) 100, 200 and 300 level courses may not be taken for credit toward the Master of Science (Environmental and Life Sciences). Normally only 600 level (or above) courses are acceptable.
- 13) Any student enrolled in 48:798 Thesis and actively engaged in thesis research as determined on an annual basis by the supervisor, graduate advisory committee and the MELS Coordinator, shall be considered a full-time student of Brandon University.

9.2.2 ACADEMIC PERFORMANCE

Students registered in the Master's program are required to maintain a 3.3 ("B+") grade point average (GPA), with a minimum of 2.7 ("B-") in each course to be counted toward the degree. Students will be assessed by their graduate advisory committee after completion of 6 and 12 credit hours. The graduate advisory committee will also assess whether satisfactory progress has been made in each student's thesis research. Students who obtain a GPA of less than 3.3 after 6 credit hours or who do not demonstrate satisfactory progress on their research project will be placed on Academic Probation, and must have the approval of the MELS Steering Committee, the Dean of Science, and the Graduate Studies Committee of Senate to register in further courses. Students who obtain a GPA of less than 3.3 after 9 credit hours will be placed on Academic Suspension for one year. Continuation of the Master's program after suspension requires approval of the MELS Steering Committee, the Dean of Science, and the Graduate Studies Committee of Senate.

9.3 PROGRAM REQUIREMENTS

The Faculty of Science requires a minimum degree GPA of 3.3 for awarding of the Master of Science (Environmental and Life Sciences).

9.3.1 MASTER OF SCIENCE (ENVIRONMENTAL AND LIFE SCIENCES)

Choose:	two courses at the 600 level from departments in the Faculty of Science.	6
Plus:		
48:663	Graduate Seminars in Science (taken twice)	1 + 1
48:662	Graduate Research Methodology in the Sciences (or graduate level equivalent)	3
48:6xx	Graduate Seminar in Environmental and Life Sciences	3
48:798	Thesis	16
	Total:	30

Students are required to regularly attend and contribute to the **Science Seminar Series**. Participation in the series is part of credit for 48:663 Graduate Seminar in Science and is designed to enhance a student's practical experience in environmental and life sciences activities and initiatives. This course is taken in each of the first two years of a student's program through enrolment in 48:663 Graduate Seminar in Science.

COURSE DESCRIPTIONS

Note: Students are reminded that the courses as listed below may or may not be offered in any given year. Please check the Registration Guide for the final listing at: <http://www.brandonu.ca/registration/>.

15:666 CONSERVATION BIOLOGY

(3)

Prerequisite: Permission of Instructor.

This course introduces the principles of conservation biology with an emphasis on ecological processes operating at population, community and ecosystem levels of organization. This multidisciplinary approach seeks to investigate human impacts on the natural world and to develop practical solutions to address these impacts. Beginning with the origins of the conservation movement, topics to be examined will include historic and future threats, and the various approaches and challenges to achieving adequate conservation measures on both a local and global scale. Students are required to complete further coursework for graduate studies.

Credit cannot be held for both this course and 15:466.

3 seminar hours per week, one term.

15:667 FOSSIL PLANTS AND PALAEOENVIRONMENTS**(3)**

Prerequisite: Permission of Chair.

This course uses the plant fossil record to document the development of the modern-day North American flora and patterns of vegetation, from the perspectives of the world as it was at the close of the age of the dinosaurs (i.e. when flowering plants first came to prominence) through to the modern day, and the impact of climate change on the continent throughout the Cenozoic. It also covers methods used to reconstruct past environments from plant fossils, including both palynology (spores and pollen) and megafossil paleobotany.

Credit cannot be held for both this course and (Biology) 15:467 or (Geology) 42:467.

3 seminar hours per week, one term.

15:668 SOIL BIOLOGY**(3)**

Prerequisite: Permission of Instructor.

A study of soil biota and biological processes within soil. The course will consider interactions of plants with soil, considering roots, plant uptake of nutrients, and the impact on plants of varying levels of soil water, soil salinity, and soil pH. Root-microbe symbioses and soil microbial transformations of nitrogen will be explained. Students will learn about a range of soil fauna, and details will be given for organic matter, litter decomposition, and soil respiration. Students are required to complete further course work for graduate studies credit.

Credit cannot be held for both this course and (Biology) 15:468.

3 lecture hours and 4 laboratory hours per week, one term.

15:670 CURRENT TOPICS IN LIFE SCIENCES**(3)**

Prerequisite: Permission of Coordinator

The detailed content may vary from year to year, but will include a review of recent advances in cell and molecular biology, the biology of organisms, and/or evolution. Special emphasis is placed on the contributions of different experimental microbial, plant, and animal systems to research in a variety of areas in the life sciences.

3 lecture hours per week, one term

15:680 BIOLOGY OF THE FUNGI**(3)**

Prerequisite: Permission of Instructor.

The Fungi comprise one of the largest Kingdoms of eukaryotes. They rival flowering plants in the species diversity, outweigh the biomass of all other organisms in forest soils and drive the global carbon cycle. The importance of fungi as spoilage organisms, agents of disease, and sources of useful metabolites is well recognized. What is generally less appreciated is their ecological significance as mutualists with algae and higher plants (i.e. as lichens and mycorrhizae) and their impact on the evolution of the prokaryotes, protists, plants, animals, and other fungi. Lectures will explore the biodiversity, ecology, importance, physiology and systematics of the members of this Kingdom. Laboratory periods will stress techniques employed in the isolation and characterization of the fungi, the use of sterile technique, and the operation of standard laboratory equipment.

Credit cannot be held for both this course and (Biology) 15:380 or 15:480.

3 lecture hours and 3 laboratory hours per week, one term.

18:650 NATURAL PRODUCT SYNTHESIS**(3)**

Prerequisite: Permission of Instructor.

This course focuses on the rich field of Natural Product Synthesis. Retrosynthetic analysis is used to breakdown the target molecule into simpler starting materials. Strategies using the natural chiral pool (synthon) and enantioselective synthesis are demonstrated. Numerous examples of Natural Product synthesis from the literature are explored highlighting innovative, creative strategies. Comparisons with Biosynthetic pathways are made to highlight the differences in Nature.

Credit cannot be held for both this course and (Chemistry) 18:471.

3 lecture hours and 3 laboratory hours per week, one term.

18:674 CURRENT INNOVATIONS AND TRENDS IN CHEMISTRY**(3)**

Prerequisite: Permission of Instructor.

A graduate level course that uses peer-reviewed literature to explore and discuss recent advances and hot topics in chemistry. Offered in a seminar format, the course can be taught by any member of the Department of Chemistry, depending on their area of expertise and availability or can be team taught. As this course is based on current topics, it has no fixed syllabus, but instead relies on recent advances and hot topics in chemistry in combination with instructor and student interests.

3 seminar hours per week, one term.

38:677 SEMINAR IN ADVANCED GEOMATICS**(3)**

Prerequisite: Permission of Instructor.

This course is designed to familiarize students with advanced topics in the theory and applications of geomatics technologies, specifically geographic information systems, remote sensing, and global positioning systems. Emphasis will be placed on the integration of these technologies and application of data processing and analysis techniques for building and managing geospatial databases and conducting relevant geographic analysis. The laboratory component of the course will include a series of practical assignments to introduce advanced topics for building, managing, and analyzing geospatial databases. Students will also be required to complete a major project, in an area of application which interest them, that demonstrates their ability to synthesize this knowledge and apply these technologies to address real world problems or relevant research questions. Students completing this course for graduate credit in the MELS program will be expected to demonstrate a higher level of autonomy and greater depth of understanding by developing their own independent research projects and completing a literature

review, annotated bibliography, and/or technical report on their project and by presenting and leading classroom discussions on their project work.

Credit cannot be held for both this course and (Geography) 38:477 and (Geology) 42:477.

Cross-registered with (Geology) 42:677.

3 seminar hours per week, one term.

38:699 CURRENT TOPICS IN ENVIRONMENTAL AND RESOURCE MANAGEMENT (3)

Prerequisite: Admission to the MELS program.

The content of this course may vary from year to year but will include a review of fundamental concepts and techniques, as well as recent advances, in environmental and resource management. Emphasis will be placed on the integration of social and natural science approaches to environmental and resource management problems in regional, national, and international contexts.

3 seminar hours per week, one term.

38:799 CURRENT TOPICS IN APPLIED PHYSICAL GEOGRAPHY 3)

Prerequisite: Permission of Instructor.

The objective of this course is to familiarize students with current theory and techniques within the various subfields of Physical Geography, which focus on the natural physical components and processes operating within the atmosphere, biosphere, lithosphere, and hydrosphere. An overall topic/theme for the course will be selected based on the particular interests of the student(s) and the instructor(s) to emphasize the inherent interdisciplinary nature of the field. That topic will form the basis of discussion from the perspective of the various subfields. Evaluation of the course will normally include a review of current literature, individual and/or group projects, and a major research paper or technical report.

3 seminar hours per week, one term.

42:651 ADVANCED GEOCHEMISTRY (3)

Prerequisite: Geochemistry (B.Sc.) or permission of Instructor

This is a seminar based course whose content will vary depending on student and research needs. Geochemistry is fundamental to every aspect of Earth and Environmental Science including waters, soils, rocks, natural resources and environmental monitoring and mitigation. Detailed topics include a wide variety of analytical geochemical techniques and their application to understanding, monitoring and/or mitigating natural phenomena or human impacts on the environment.

3 lecture hours per week, one term.

42:652 ADVANCED PETROLEUM AND SEDIMENTARY GEOLOGY (3)

Prerequisite: 42:468 and 42:470 or permission of the Instructor and Coordinator.

This course will concentrate on the application of sequence stratigraphic and sedimentological data for optimizing depositional models of the subsurface. Topics will include facies modeling, high-resolution sequence stratigraphy, paleoenvironmental analysis, paleogeography, and relative sea level history. Students will broaden their knowledge on the history, rate and magnitude of environmental change through time, especially those that relate to the sea level control on the three-dimensional distribution of depositional facies.

3 lecture hours per week, one term.

42:653 ADVANCES IN ECONOMIC GEOLOGY (3)

Prerequisite: 42:466 or permission of Instructor

Students will conduct in-depth investigations into the integrated role of biological and physical processes in the origin, distribution and exploitation of the Earth's Mineral Resources. Geological processes discussed include: geotectonics, magnetism, crustal fluid migration and hydrothermal alteration, geochemistry, deformation and metamorphism. However, an emphasis will be placed on biological processes involved in the formation, exploration, exploration and extraction of natural resources and in environmental mitigation, which includes the role microorganisms and plants. The course will consist of directed seminars, assigned readings, and preparation and presentation of topical applied research papers.

3 lecture hours per week, one term.

42:677 SEMINAR IN ADVANCED GEOMATICS (3)

Prerequisite: Permission of Instructor.

This course is designed to familiarize students with advanced topics in the theory and applications of geomatics technologies, specifically geographic information systems, remote sensing, and global positioning systems. Emphasis will be placed on the integration of these technologies and application of data processing and analysis techniques for building and managing geospatial databases and conducting relevant geographic analysis. The laboratory component of the course will include a series of practical assignments to introduce advanced topics for building, managing, and analyzing geospatial databases. Students will also be required to complete a major project, in an area of application which interest them, that demonstrates their ability to synthesize this knowledge and apply these technologies to address real world problems or relevant research questions. Students completing this course for graduate credit in the MELS program will be expected to demonstrate a higher level of autonomy and greater depth of understanding by developing their own independent research projects and completing a literature review, annotated bibliography, and/or technical report on their project and by presenting and leading classroom discussions on their project work.

Credit cannot be held for both this course and (Geography) 38:477 and (Geology) 42:477.

Cross-registered with (Geography) 38:677.

3 seminar hours per week, one term.

42:680 GEOBIOLOGY (3)

Prerequisite: Permission of Instructor and Coordinator

Geobiology is an interdisciplinary subject that explores interactions between the biosphere and the geosphere throughout Earth's history. Since life began it has continually shaped and re-shaped the atmosphere and the solid earth. This course examines in depth the interactions between organisms and the earth system during the roughly 4.0 billion years since life first appeared. Topics include the origin, evolution, and distribution (paleobiogeography) of life on Earth, and biogeochemical cycles and the interaction between life and its environment in the perspective of biogeochemistry and/or geomicrobiology. The course will also examine critical moments in Earth history that have had a major impact on the extinction and diversification of life and their environmental backgrounds.

Credit cannot be held for both this course and (Geology) 42:480.

3 lecture hours and 3 laboratory hours per week, one term.

48:661 GRADUATE RESEARCH PRACTICUM (3)

Prerequisite: Permission of Coordinator

Students may earn up to 3 credit hours by successful completion of approved non-credit professional development sessions. It is expected that such sessions will be designed for participants to learn cutting edge research techniques not available at Brandon University. It is further expected that such sessions will result in participants receiving certification in the technique in question. Credit will be earned at the rate of 1 credit hour per 24 hours of non-credit sessions. Credit will not be awarded for courses and techniques that are a routine part of training for laboratory workers (*e.g.*, animal handling courses or radiation safety courses will not be approved for credit, although students may be required to take such courses).

Prior approval must be sought in the following manner to determine eligibility for credit. The student must submit a written request with supporting materials/documentation to his/her supervisor. It is expected that such professional development sessions will be completed in full during the course of the M.Sc. program. Credit for Research Practicum will be graded Pass/Fail.

1 individual instruction hour per week, one term.

48:662 GRADUATE RESEARCH METHODOLOGY IN THE SCIENCES (3)

Prerequisite: Nil.

This seminar course exposes first year graduate students to the range of theoretical and methodological fundamentals involved in doing interdisciplinary scientific research. Topics covered will normally include: designing research projects, formulating hypotheses, hypothesis testing, research ethics, data analysis, searching and organizing literature, scientific writing and oral presentations. Individual topics will be tailored to each student's general field of study. Student evaluation will be based on their participation and the quality of individual assignments, including a written research proposal.

3 seminar hours per week, one term.

48:663 GRADUATE SEMINAR IN SCIENCE (1)

Prerequisite: Admission to MELS.

The course includes presentation of papers by faculty, visiting scientists, and graduate students. All graduate students within the Interdisciplinary M.Sc. program are required to register, attend, and participate in the graduate seminar course in each of the first two years of the program. All M.Sc. students must present two seminars (normally one in each year) on their thesis topic before defending or graduating (usually in their second year). Satisfactory participation in this course is required of all graduate students. Graded pass/fail.

1 individual instruction hour per week, both terms.

48:664 GRADUATE SEMINAR IN ENVIRONMENTAL AND LIFE SCIENCES (3)

Prerequisite: Permission of MELS.

This course is designed to explore a scientific issue or theme of overarching importance and interest in the environmental and life sciences. It involves a combination of student-led discussions and lectures or discussions led by faculty and invited speakers. The theme may vary from year to year but emphasis will be placed on selecting a topic that encourages dialog across disciplines and enhances the participants' ability to think more broadly about their fields of study. Participants will select papers in their general area of research, lead discussions aimed at developing a deeper understanding of the theme and of the different approaches and perspectives used by other disciplines, and participate in the seminars led by others.

3 seminar hours per week, one term.

48:798 THESIS (16)

Prerequisite: Admission to MELS.

Students must complete a thesis to receive the M.Sc. (Environmental and Life Sciences) degree. A thesis involves the identification, articulation and critical analysis of a significant question in the student's subject. Preparation of the thesis will be supervised by a faculty supervisor, and will normally involve an advisory committee including members from more than one department within the Faculty of Science, and may include members from other units within BU and externally (*i.e.*, adjunct faculty). Final approval of the thesis must involve adjudication by the graduate advisory committee and at least one additional person agreed upon and approved prior to the submission of the thesis.

9 individual instruction hour per week, both terms.

SECTION 10. SCHOLARSHIPS, BURSARIES & AWARDS**10.1 SCHOLARSHIP GUIDELINES**

The purpose of the Brandon University scholarship program is to recognize scholarly excellence and to attract and provide incentives for students to study at Brandon University.

1. Brandon University administers only those awards whose terms are deemed to be in harmony with the interests of the University.
2. As a matter of principle, Brandon University will not administer any scholarship, bursary or fellowship that discriminates on the basis of race, creed, political belief, ethnic or national origin, gender, sexual orientation, or age. Nor will the University administer any scholarship which requires a scholarship recipient to adhere to a particular ideology as a condition of receiving or retaining the particular scholarship.
3. Any exceptions to these general principles shall be made only with the consent of the Senate Scholarship Committee and the Senate. From time to time, the University may administer affirmative action scholarships recommended by the Scholarship Committee and approved by Senate.

10.2 GENERAL INFORMATION

Graduate Scholarships - are awards for academic achievement at Brandon University given to graduating students who achieve a CGPA of not less than 3.0 and a discipline or course GPA of not less than 3.0 (unless a higher GPA is stipulated). In addition, other criteria may be specified as a basis for the award.

Bursaries - are monetary awards given to students who have demonstrated a financial need and met such other criteria as may be specified in the terms of reference for specific bursaries. Bursaries' require a minimum cumulative grade point average of 2.0 unless a higher GPA is stipulated in the terms of reference. In the event that two or more applicants for a specific bursary have a significant financial need and meet such other criteria as may be specified in the terms of reference, academic achievement will also be considered in awarding the bursary. All bursaries require application. Students are advised to contact the Senate Scholarship Office for detailed information and application forms.

Scholarship Bursaries - regardless of the specific title an award may have, an award is designated as a scholarship-bursary if the terms of reference require both academic achievement and financial need. Such awards require a minimum cumulative grade point average of 2.5. All scholarship bursaries require application.

Medals - are non-monetary awards that recognize academic excellence in the various degrees and subject areas.

Manitoba Scholarships & Bursaries Initiative - some awards have been established with matching funds from the Province of Manitoba.

10.2 CONDITIONS FOR RECEIVING AWARDS

1. All graduate awards are tenable only for the Regular Session (September to April).
2. All awards are credited to the student's tuition account. Some awards may be made in two installments; one half at the beginning of Fall Term (September) and the other half at the beginning of Winter Term (January).
3. The University does not guarantee any awards other than those created from University funds. Awards that are the gifts of donors are awarded only after the funds have been received.
4. An award is not granted if there is no eligible candidate.
5. The University retains the right not to administer awards which in its opinion are not in the University's best interest.
6. No student may receive an award for achievement in a particular course if the earned letter grade is less than "B" (3.0).
7. The Senate Scholarship Committee may use as an Award Point System to break a tie for an award if necessary. The Award Point System is as follows: A+ = 10; A = 9; A- = 8; B+ = 7; B = 6; B- = 5; C+ = 4; C = 3; C- = 2; D = 1; F = 0.
8. In the awarding of Gold and Silver Medals, a runner-up may be considered for an Honorable Mention if the student has a grade point average within .05 of the student awarded the medal.

10.3 REFUNDING OF AWARDS

Recipients who reduce their course loads below the required amount for the award will normally have the award cancelled or pro-rated, depending upon the decision of the Scholarship Committee (or the Scholarship Committee Executive). Students who believe that special circumstances apply should write a letter of appeal to the Scholarship Committee describing these circumstances.

10.4 MASTER'S LEVEL SCHOLARSHIPS & BURSARIES

The award year is defined as the twelve-month period beginning with the Spring Session and ending with the Regular Session that is coincident with or immediately prior to the award.

For further information on Brandon University Graduate Level Scholarships and Bursaries, feel free to call 1-204-727-9737 or check out the website: <http://www.brandonu.ca/scholarships>.

For further information on External Graduate Level Scholarships and Bursaries, feel free to call 1-204-727-7445 or check out the website at: <http://www.brandonu.ca/research/scholarships-awards/>.