SUMMER SESSION

2014
MAY • JUNE • JULY • AUGUST

REGISTRATION BEGINS
MARCH 17

University of Manitoba
Extended Education
REGISTRATION – AURORA STUDENT

You may access the registration system online through Aurora Student. Only students who have applied and been officially admitted to the University of Manitoba may register. For detailed registration information, including Steps to Registration, go to umanitoba.ca/summer. Registration Information and Registration Procedures: Remember to check Aurora Student for a Fee Assessment.

<table>
<thead>
<tr>
<th>REGISTRATION DATE</th>
<th>LAST 2 DIGITS OF STUDENT NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAY 1</td>
<td>00-19</td>
</tr>
<tr>
<td>DAY 2</td>
<td>20-39</td>
</tr>
<tr>
<td>DAY 3</td>
<td>40-59</td>
</tr>
<tr>
<td>DAY 4</td>
<td>60-79</td>
</tr>
<tr>
<td>DAY 5</td>
<td>80-99</td>
</tr>
</tbody>
</table>

For the first 5 days of registration (March 17, 18, 19, 20, 21), spaces in most courses are released each day in equal numbers to ensure fair access for all students. For example, if a course has 50 spaces available, 10 spaces will be released each day. During these 5 days of registration, the only day you may register is determined by the last two digits of your Student Number (see below). You may register between 9:00 a.m. and 12:00 midnight on your day of registration. Starting Monday, March 24 registration will be open to all students and will continue until the final dates to register for Summer Session - go to umanitoba.ca/summer. Important Dates.

FEES

Fees must be paid by the specified dates (see below). Outstanding balances after these dates will be subject to late fees and students may be placed on Hold. You will not be sent a fee statement in the mail. For detailed information regarding fees, including fee payment and the Summer Session 2014 Fee Schedule, please go to umanitoba.ca/summer. Fees/Refunds. All inquiries or problems relating to the payment of fees should be addressed to: Revenue, Capital & General Accounting Office (204-474-9433).

PAYMENT DEADLINE DATES:
May 5 - Courses starting in May or June
July 2 - Courses starting in July or August

VOLUNTARY WITHDRAWAL (VW) & REFUNDS

You must formally withdraw from a course or a grade will be assigned and fees will remain outstanding. To withdraw from courses, go to aurora.umanitoba.ca, login and select Enrolment & Academic Records → Registration → Add or Drop Classes.

VW deadlines for courses with irregular class dates are different (i.e., Part of Term identified in the Aurora Student Class Schedule Listing includes the words ‘Irregular Dates’). Go to umanitoba.ca/summer. Fees/Refunds → Irregular Refund Schedule. For all other courses, the following VW deadlines apply:

- **May Day Course**
  - Full refund to May 7, 2014
  - VW deadline, May 22, 2014

- **June Day Course**
  - Full refund to June 4, 2014
  - VW deadline, June 18, 2014

- **May-June Day Course**
  - Full refund to May 7, 2014
  - VW deadline, June 12, 2014

- **May-June Evening Course**
  - Full refund to May 9, 2014
  - VW deadline, June 10, 2014

- **June-August Evening Course**
  - Full refund to June 27, 2014
  - VW deadline, July 29, 2014

- **May-August Evening Course**
  - Full refund to May 9, 2014
  - VW deadline, July 15, 2014

- **July Day Course**
  - Full refund to July 4, 2014
  - VW deadline, July 18, 2014

- **August Day Course**
  - Full refund to July 30, 2014
  - VW deadline, August 14, 2014

- **July-August Day Course**
  - Full refund to July 4, 2014
  - VW deadline, August 8, 2014

HELPFUL THINGS TO KNOW

COURSE FORMATS
Courses and programs are available in a variety of formats in Summer Session: Compressed on Campus, Summer Institutes, Travel Study, and Online & Blended.

SEARCH FOR COURSES ONLINE
Search for Summer Session 2014 courses at umanitoba.ca/summer. Class Schedule. Search by course, subject, instructor and more!

REGISTER ONLINE
Registration begins March 17, 2014, and continues until the course start date. Access the registration system at aurora.umanitoba.ca. Please refer to Registration Schedule and Registration Procedures at umanitoba.ca/summer. Registration. For student parking information and rates, please go to umanitoba.ca/summer → General Information → Services for Students. Paid casual parking is available for students and staff attending evening classes during stadium events.

INVESTORS GROUP FIELD EVENTS
Every effort has been made in the design of the Summer Session 2014 class schedule to avoid having classes on Investors Group Field (IGF) event evenings. Students should watch for information on IGF events and programs are available. In total, there are over 500 choices for a rewarding learning experience at the U of M Summer Session.

ACCESS TO SPACE IN COURSES
Over the first 5 days of registration, an equal number of spaces are released each day. So, whether you are assigned to register on Day 1 or on Day 5, gradual release ensures your fair access to space in courses. Following the initial 5 days, registration is open to all students.

FEES PAYMENT AND REFUNDS
Please go to umanitoba.ca/summer → Fees/Refunds for detailed information regarding fee payment. If you withdraw from a Summer Session course you may be eligible for a fee refund. For Voluntary Withdrawal and Refund information, go to umanitoba.ca/summer → Fees/Refunds.

REGISTRATION STARTING MARCH 17
Join the thousands of students who take advantage of Summer Session to ease course loads in fall and winter, speed-up completion of a degree, catch up on missed courses or simply enjoy summertime learning. Summer Session is in full swing throughout the spring and summer – starting May 5th you can take a course in either the day or evening on campus or begin a distance /online course, and starting in July even more courses and programs are available. In total, there are over 500 choices for a rewarding learning experience at the U of M Summer Session.

ADMISSION
If you are not already admitted to the University of Manitoba, you are required to apply for admission to take courses in Summer Session 2014. For detailed information please refer to: admissions.umanitoba.ca → Admission or contact Enrollment Services: 204-474-8608.

2014 SUMMER SESSION

MAY, JUNE, JULY & AUGUST
IMPORTANT DATES

ADMISSION
Please go to umanitoba.ca/summer for important dates for admission and information date.

CLASS DATES
(Class dates vary - go to umanitoba.ca/summer for exact class start/end dates)

May 5 - May Day classes begin (end May 28); May-June Day classes begin (end June 24)
June 2 - June Day classes begin (end June 24)
May 5 & June-May Evening classes begin (end June 18 & 19); July-August Evening classes begin (end August 6 & 7)
June 23 & 24 - July-August Evening classes begin (end August 6 & 7)
July 2 - July Day classes begin (end July 24); July-August Day classes begin (end July 28)
July 28 - August Day classes begin (end August 20)

EXAMINATIONS
(Exam dates may vary - go to umanitoba.ca/summer for Schedule)

May 30 & 31 May Day exams (no May-June classes)
June 20 & 21 May-June Evening exams (no May-June-July classes)
June 26 & 27 June-July and May-June exams (no June-June or May-June-July classes)
July 25 & 26 July exams (no July-August classes)
August 5 & 6 - June-August Evening exams (no June-August Evening and May-August evening classes)
August 22 & 23 August Day and August-August Evening exams (no August Day and July-August Day evening classes)

FEES PAYMENT
(For more information on fees go to umanitoba.ca/summer/fees)

May 5 - Last day to pay fees without late payment fee for courses starting in May and June
July 2 - Last day to pay fees without late payment fee for courses starting in July and August

REGISTRATION
(Late registration dates vary - see ‘Registration Dates’ in the class schedule listing at aurora.umanitoba.ca)

March 17 - Registration begins for all courses
May 5 - 7 - Late registration/revision period in May and May-June Day courses
May 5 - 9 - Late registration/revision period in May-June-July and May-August evening courses
May 5 - June 4 - Late registration/revision period in June courses
July 2 - 27 - Late registration/revision period in June-August Evening courses
July 2 - 4 - Late registration/revision period in July Day and July-August Day courses
July 2 - 30 - Late registration/revision period in August Day courses

COURSES OFFERED IN 2014

FACULTY OF AGRICULTURE AND FOOD SCIENCES
ENTM 3180 Field Techniques in Entomology
SOL 3610 Field Methods in Land Resource Science

FACULTY OF ARTS
ANTH 1210† Human Origins and Antiquity (A)
ANTH 1220† Cultural Anthropology (A)
ANTH 2100 Introduction to Archaeology (D)
ANTH 2230 Technology and Society (B)
ANTH 2530 Anthropology of Political Systems (B)
ANTH 2550 Ethnography (B)
ANTH 2860 Evolution and Human Diversity (C)
ANTH 2890 Introduction to Biological Anthropology (D)
ARTS 1110WP† Introduction to University (A)
ASIA 1420WP Intro to China (B)
ASK 1430WP Asian Civilizations from 1500 B.P.
ASK 1750W Introduction to Women
ASK 1770W Introduction to Japanese
CATH 1110WP Introduction to Catholic Studies
CATH 2100 Field Studies in Catholic Culture
CLASS 1270 Introduction to Ancient Greek Culture
CLASS 1280 Introduction to Ancient Roman Culture
CLASS 2120 Introduction to Human Mythology
LATI 1080 Introduction to the Reading of Latin 1
LATI 1090 Introduction to the Reading of Latin 2
ECON 1010† Introduction to Microeconomics Principles
ECON 1820† Introduction to Macroeconomics Principles
ECON 2390 Introduction to Environmental Economics
ECON 2460 Introduction to Energy Economics
ECON 2450 Microeconomics Theory and its Applications 1
ECON 2460 Microeconomics Theory and its Applications 2
ECON 2470 Microeconomics Theory and its Applications 3
ECON 2480 Microeconomics Theory and its Applications 4
ECON 2530 Introduction to Mathematical Economics
ECON 2550 Introduction to Quantitative Methods in Economics
ECON 3640 Economics of the Financial System
ECON 3670 International Trade
ECON 3680 International Finance
ENGL 0990WP English Composition
ENGL 1290WP Representative Literary Works
ENGL 1300W Literature since 1900
ENGL 1310W Literary Topics
ENGL 1740W Shakespeare
ENGL 2740W Introductory Creative Writing
ENGL 3130W Special Studies
FILM 1390 The Art of the Film 1
FILM 2460 Film Genres
FILM 3260 Special Topics in Film 1
FILM 3260 Special Topics in Film 2
FRN 1100W Introduction to French
FRN 1200 French 1
SPAN 1190 Introductory Spanish
SPAN 1190 Introductory Spanish 2
SPAN 1990 Intermediate Spanish
GRMN 1120 Introduction to German Culture
GRMN 3250 Introduction to Russian Language
HIST 1390W An Introduction to the History of Western Civilization (G)
HIST 1390W An Introduction to Modern World History: 1800-Recent (M)
HIST 1420W Asian Civilizations from 1500 B.C.
HIST 1450W History of Canada (C)
HIST 2750W History of the United States from 1607 to 1877 (A)
HIST 4580 The Great Historians (G)
LABR 1260 Working for a Living
LING 1260 Introduction to Linguistics
LING 2250 General Statistics
LING 2280 Syntax
NATV 1000W Orientation Course The Colonizers and the Colonized
NATV 1120WP The Native Peoples of Canada, Part 1
NATV 1240WP The Native Peoples of Canada, Part 2
NATV 2020WP The Métis of Canada
NATV 3340 Native Medicine and Health

FACULTY OF BUSINESS

FACULTY OF COMMUNICATIONS

FACULTY OF LAW

FACULTY OF MEDICINE

FACULTY OF NURSING

FACULTY OF PHARMACY

FACULTY OF PHYSICAL EDUCATION AND RECREATION

FACULTY OF PHYSICS

FACULTY OF SCIENCE

FACULTY OF SOCIAL WORK

FACULTY OF THEOLOGY AND RELIGIOUS STUDIES

FACULTY OF VETERINARY MEDICINE

FACULTY OF WOMEN'S STUDIES

NATV 3280 Aboriginal Peoples and the Canadian Criminal Justice System
NATV 4300 Advanced Selected Topics in Native Studies
PRL 1200 Introduction to Philosophy
PRL 1207F Critical Thinking
PRL 2740 Ethics and Biomedicine
PRL 2750F Ethics and the Environment
PRL 2830F Business Ethics
POLS 1010 Political Ideas and Ideologies
POLS 1500W Introduction to Politics
POLS 2040W Introduction to International Relations
POLS 2070W Introduction to Canadian Government
POLS 2150 Great Political Thinkers
POLS 3950† Research Methods in the Study of Politics
POLS 4190† Manitoba Politics and Government
PSCY 1200 Introduction to Psychology
PSCY 2250 Introduction to Psychological Research
PSCY 2260M Introduction to Research Methods in Psychology
PSCY 2290 Child Development
PSCY 2310 Adolescent Development
PSCY 2560 Brain and Behaviour
PSCY 2930 Psychology of Women
PSCY 2410 Social Psychology 1
PSCY 2420 Social Psychology 2
PSCY 2440P† Behaviour Modification Principles
PSCY 2450P Behaviour Modification Applications
PSCY 2460† Dyadic Relations
PSCY 2470 Learning Foundations of Psychology
PSCY 2520 Orientations to Psychological Systems
PSYC 3400 Psychology of Personality
PSYC 3460† Abnormal Psychology
RLGN 1320W Introduction to World Religions (B)
RLGN 1410 Death and Concepts of the Future (C)
RLGN 1420W Ethics in World Religions (C)
RLGN 1424W Religion and Sexuality (B)
RLGN 1430† Food Religion Concepts and Practices (C)
RLGN 1440W Evil in World Religions (C)
RLGN 2110W Religion and Healing (C)
SOC 1200W Introduction to Sociology
SOC 2200W Sociology Through Film
SOC 2290 Introduction to Research Methods
SOC 2510W Criminology
SOC 3660 Sociology of Mental Disorder
SOC 3700W Sociology of Crime
SOC 3790W Women, Crime and Social Justice
WOMN 1000W Introduction to Women’s and Gender Studies in the Humanities
WOMN 1600W Introduction to Women’s and Gender Studies in the Social Sciences
WOMN 2540W Special Topics in Women’s Studies

L.H. ASPER SCHOOL OF BUSINESS

ACC 1100† Introductory Financial Accounting
ACC 1110† Introductory Managerial Accounting
ACC 1001 Intermediate Accounting - Assets
ACC 2002 Intermediate Accounting - Equities
ACC 3040 Cost Accounting
ACC 3050 Taxation Accounting
ACCT 401 Auditing
ACCT 403 Accounting Theory
FIN 2400† Corporate Finance
FIN 3440 Corporate Finance Theory and Practice
MR 2000 Information Systems for Management
ACT 2002 Economy and Financial Applications
ACT 2102 Interest Theory
ACT 3130 Actuarial Models 1
ACT 3320 Actuarial Models 2
ENTR 2020 Starting a New Business†
GMGT 1010WP Business and Society
GMGT 2010WP Business Communications
GMGT 2020W Management and Organization Theory
GMGT 2070† Introduction to Organizational Behaviour
GMGT 3300W Commercial Law
GMGT 410W Administrative Policy†
BUS 4102 Seminar in Management and Capitalism
HBR 2440† Human Resource Management

* multiple versions and/or topics offered
† also available by distance/online
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVR 4000*</td>
<td>Multidisciplinary Topics in Environmental Science 2</td>
</tr>
</tbody>
</table>

FACULTY OF ARTS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 2500</td>
<td>Genetics 1</td>
</tr>
<tr>
<td>BIOL 2520</td>
<td>Cell Biology</td>
</tr>
<tr>
<td>BIOL 2540</td>
<td>Developmental Biology</td>
</tr>
<tr>
<td>BIOL 3372</td>
<td>Wetland Ecology</td>
</tr>
<tr>
<td>CHEM 1300</td>
<td>General Chemistry / Analytical Chemistry 1</td>
</tr>
<tr>
<td>CHEM 2210</td>
<td>Introductory Organic Chemistry 1: Structure and Function</td>
</tr>
<tr>
<td>CHEM 2360</td>
<td>Biochemistry 1: Bioinformatics and an Introduction to Metabolic Energy</td>
</tr>
<tr>
<td>CHEM 2370</td>
<td>Biochemistry 2: Catabolism, Synthesis, and Information Pathways</td>
</tr>
<tr>
<td>COMP 10101</td>
<td>Introductory Computer Science 1</td>
</tr>
<tr>
<td>COMP 10201</td>
<td>Introductory Computer Science 2</td>
</tr>
<tr>
<td>COMP 2400</td>
<td>Analysis of Algorithms</td>
</tr>
<tr>
<td>COMP 2405</td>
<td>Object Orientation</td>
</tr>
<tr>
<td>COMP 2420</td>
<td>Introduction to Computer Systems</td>
</tr>
<tr>
<td>COMP 3410</td>
<td>Distributed Computing</td>
</tr>
<tr>
<td>COMP 3420</td>
<td>Analysis of Algorithms and Data Structures</td>
</tr>
<tr>
<td>COMP 3430</td>
<td>Software Engineering 1</td>
</tr>
<tr>
<td>COMP 3620</td>
<td>Professional Practice in Computer Science</td>
</tr>
<tr>
<td>MATH 1001M</td>
<td>Applied Finite Mathematics in Arts</td>
</tr>
<tr>
<td>MATH 12108</td>
<td>Techniques of Classical and Linear Algebra 1</td>
</tr>
<tr>
<td>MATH 1300MP*</td>
<td>Vector Geometry and Linear Algebra 1</td>
</tr>
<tr>
<td>MATH 1500MP*</td>
<td>Introduction to Calculus</td>
</tr>
<tr>
<td>MATH 1700M</td>
<td>Calculus 2</td>
</tr>
<tr>
<td>MATH 2130</td>
<td>Engineering Mathematical Analysis 1</td>
</tr>
<tr>
<td>MATH 2152</td>
<td>Engineering Mathematical Analysis 2</td>
</tr>
<tr>
<td>MATH 2300</td>
<td>Linear Algebra 2</td>
</tr>
<tr>
<td>MATH 2500</td>
<td>Introduction to Number Theory</td>
</tr>
<tr>
<td>MATH 2700</td>
<td>Multivariate Calculus</td>
</tr>
<tr>
<td>MATH 2760</td>
<td>Engineering Mathematical Analysis 3</td>
</tr>
<tr>
<td>MATH 3100</td>
<td>Introduction to Probability</td>
</tr>
<tr>
<td>MATH 3200</td>
<td>Introduction to Bioinformatics and an Introduction to Metabolic Energy</td>
</tr>
<tr>
<td>MATH 2370</td>
<td>Introduction to Calculus</td>
</tr>
<tr>
<td>MATH 2420</td>
<td>Cryptography 2</td>
</tr>
<tr>
<td>MATH 2430</td>
<td>Linear Algebra and its Applications</td>
</tr>
<tr>
<td>MATH 3000</td>
<td>Theory of Computation and Information Pathways</td>
</tr>
<tr>
<td>MATH 3100</td>
<td>General Physics 2</td>
</tr>
<tr>
<td>MATH 3200</td>
<td>General Physics 1</td>
</tr>
<tr>
<td>MATH 3470</td>
<td>General Physics 1</td>
</tr>
<tr>
<td>MATH 3500</td>
<td>Introduction to Calculus and Mathematical Analysis</td>
</tr>
<tr>
<td>MATH 3600</td>
<td>Introduction to Calculus and Mathematical Analysis 2</td>
</tr>
<tr>
<td>MATH 3700</td>
<td>Introduction to Calculus and Mathematical Analysis 3</td>
</tr>
<tr>
<td>MATH 3800</td>
<td>Introduction to Calculus and Mathematical Analysis 4</td>
</tr>
<tr>
<td>MATH 3900</td>
<td>Introduction to Calculus and Mathematical Analysis 5</td>
</tr>
<tr>
<td>MATH 4000</td>
<td>Introduction to Calculus and Mathematical Analysis 6</td>
</tr>
<tr>
<td>MATH 4100</td>
<td>Introduction to Calculus and Mathematical Analysis 7</td>
</tr>
<tr>
<td>MATH 4200</td>
<td>Introduction to Calculus and Mathematical Analysis 8</td>
</tr>
<tr>
<td>MATH 4300</td>
<td>Introduction to Calculus and Mathematical Analysis 9</td>
</tr>
<tr>
<td>MATH 4400</td>
<td>Introduction to Calculus and Mathematical Analysis 10</td>
</tr>
<tr>
<td>MATH 4500</td>
<td>Introduction to Calculus and Mathematical Analysis 11</td>
</tr>
<tr>
<td>MATH 4600</td>
<td>Introduction to Calculus and Mathematical Analysis 12</td>
</tr>
<tr>
<td>MATH 4700</td>
<td>Introduction to Calculus and Mathematical Analysis 13</td>
</tr>
<tr>
<td>MATH 4800</td>
<td>Introduction to Calculus and Mathematical Analysis 14</td>
</tr>
<tr>
<td>MATH 4900</td>
<td>Introduction to Calculus and Mathematical Analysis 15</td>
</tr>
<tr>
<td>MATH 5000</td>
<td>Introduction to Calculus and Mathematical Analysis 16</td>
</tr>
<tr>
<td>MATH 5100</td>
<td>Introduction to Calculus and Mathematical Analysis 17</td>
</tr>
<tr>
<td>MATH 5200</td>
<td>Introduction to Calculus and Mathematical Analysis 18</td>
</tr>
<tr>
<td>MATH 5300</td>
<td>Introduction to Calculus and Mathematical Analysis 19</td>
</tr>
<tr>
<td>MATH 5400</td>
<td>Introduction to Calculus and Mathematical Analysis 20</td>
</tr>
<tr>
<td>MATH 5500</td>
<td>Introduction to Calculus and Mathematical Analysis 21</td>
</tr>
<tr>
<td>MATH 5600</td>
<td>Introduction to Calculus and Mathematical Analysis 22</td>
</tr>
<tr>
<td>MATH 5700</td>
<td>Introduction to Calculus and Mathematical Analysis 23</td>
</tr>
<tr>
<td>MATH 5800</td>
<td>Introduction to Calculus and Mathematical Analysis 24</td>
</tr>
<tr>
<td>MATH 5900</td>
<td>Introduction to Calculus and Mathematical Analysis 25</td>
</tr>
<tr>
<td>MATH 6000</td>
<td>Introduction to Calculus and Mathematical Analysis 26</td>
</tr>
<tr>
<td>MATH 6100</td>
<td>Introduction to Calculus and Mathematical Analysis 27</td>
</tr>
<tr>
<td>MATH 6200</td>
<td>Introduction to Calculus and Mathematical Analysis 28</td>
</tr>
<tr>
<td>MATH 6300</td>
<td>Introduction to Calculus and Mathematical Analysis 29</td>
</tr>
<tr>
<td>MATH 6400</td>
<td>Introduction to Calculus and Mathematical Analysis 30</td>
</tr>
<tr>
<td>MATH 6500</td>
<td>Introduction to Calculus and Mathematical Analysis 31</td>
</tr>
<tr>
<td>MATH 6600</td>
<td>Introduction to Calculus and Mathematical Analysis 32</td>
</tr>
<tr>
<td>MATH 6700</td>
<td>Introduction to Calculus and Mathematical Analysis 33</td>
</tr>
<tr>
<td>MATH 6800</td>
<td>Introduction to Calculus and Mathematical Analysis 34</td>
</tr>
<tr>
<td>MATH 6900</td>
<td>Introduction to Calculus and Mathematical Analysis 35</td>
</tr>
<tr>
<td>MATH 7000</td>
<td>Introduction to Calculus and Mathematical Analysis 36</td>
</tr>
<tr>
<td>MATH 7100</td>
<td>Introduction to Calculus and Mathematical Analysis 37</td>
</tr>
<tr>
<td>MATH 7200</td>
<td>Introduction to Calculus and Mathematical Analysis 38</td>
</tr>
<tr>
<td>MATH 7300</td>
<td>Introduction to Calculus and Mathematical Analysis 39</td>
</tr>
<tr>
<td>MATH 7400</td>
<td>Introduction to Calculus and Mathematical Analysis 40</td>
</tr>
<tr>
<td>MATH 7500</td>
<td>Introduction to Calculus and Mathematical Analysis 41</td>
</tr>
<tr>
<td>MATH 7600</td>
<td>Introduction to Calculus and Mathematical Analysis 42</td>
</tr>
<tr>
<td>MATH 7700</td>
<td>Introduction to Calculus and Mathematical Analysis 43</td>
</tr>
<tr>
<td>MATH 7800</td>
<td>Introduction to Calculus and Mathematical Analysis 44</td>
</tr>
<tr>
<td>MATH 7900</td>
<td>Introduction to Calculus and Mathematical Analysis 45</td>
</tr>
<tr>
<td>MATH 8000</td>
<td>Introduction to Calculus and Mathematical Analysis 46</td>
</tr>
<tr>
<td>MATH 8100</td>
<td>Introduction to Calculus and Mathematical Analysis 47</td>
</tr>
<tr>
<td>MATH 8200</td>
<td>Introduction to Calculus and Mathematical Analysis 48</td>
</tr>
<tr>
<td>MATH 8300</td>
<td>Introduction to Calculus and Mathematical Analysis 49</td>
</tr>
<tr>
<td>MATH 8400</td>
<td>Introduction to Calculus and Mathematical Analysis 50</td>
</tr>
<tr>
<td>MATH 8500</td>
<td>Introduction to Calculus and Mathematical Analysis 51</td>
</tr>
<tr>
<td>MATH 8600</td>
<td>Introduction to Calculus and Mathematical Analysis 52</td>
</tr>
<tr>
<td>MATH 8700</td>
<td>Introduction to Calculus and Mathematical Analysis 53</td>
</tr>
<tr>
<td>MATH 8800</td>
<td>Introduction to Calculus and Mathematical Analysis 54</td>
</tr>
<tr>
<td>MATH 8900</td>
<td>Introduction to Calculus and Mathematical Analysis 55</td>
</tr>
<tr>
<td>MATH 9000</td>
<td>Introduction to Calculus and Mathematical Analysis 56</td>
</tr>
<tr>
<td>MATH 9100</td>
<td>Introduction to Calculus and Mathematical Analysis 57</td>
</tr>
<tr>
<td>MATH 9200</td>
<td>Introduction to Calculus and Mathematical Analysis 58</td>
</tr>
<tr>
<td>MATH 9300</td>
<td>Introduction to Calculus and Mathematical Analysis 59</td>
</tr>
<tr>
<td>MATH 9400</td>
<td>Introduction to Calculus and Mathematical Analysis 60</td>
</tr>
<tr>
<td>MATH 9500</td>
<td>Introduction to Calculus and Mathematical Analysis 61</td>
</tr>
<tr>
<td>MATH 9600</td>
<td>Introduction to Calculus and Mathematical Analysis 62</td>
</tr>
<tr>
<td>MATH 9700</td>
<td>Introduction to Calculus and Mathematical Analysis 63</td>
</tr>
<tr>
<td>MATH 9800</td>
<td>Introduction to Calculus and Mathematical Analysis 64</td>
</tr>
<tr>
<td>MATH 9900</td>
<td>Introduction to Calculus and Mathematical Analysis 65</td>
</tr>
</tbody>
</table>

ADDITIONAL COURSES OFFERED BY DISTANCE/ONLINE:

1. ANT 2550 | Culture and the Individual (B) |
2. ART 2160 | Introduction to Visual Arts in Educational Settings (B) |
3. ART 2300 | Introduction to Visual Arts in Educational Settings (B) |
4. ART 2500 | Visual Arts in Education (B) |
5. ART 2700 | Visual Arts in Education (B) |
6. ART 2900 | Visual Arts in Education (B) |
7. ART 3100 | Visual Arts in Education (B) |
8. ART 3300 | Visual Arts in Education (B) |
9. ART 3500 | Visual Arts in Education (B) |
10. ART 3700 | Visual Arts in Education (B) |
11. ART 3900 | Visual Arts in Education (B) |
12. ART 4100 | Visual Arts in Education (B) |
13. ART 4300 | Visual Arts in Education (B) |
14. ART 4500 | Visual Arts in Education (B) |
15. ART 4700 | Visual Arts in Education (B) |
16. ART 4900 | Visual Arts in Education (B) |
17. ART 5100 | Visual Arts in Education (B) |
18. ART 5300 | Visual Arts in Education (B) |
19. ART 5500 | Visual Arts in Education (B) |
20. ART 5700 | Visual Arts in Education (B) |
21. ART 5900 | Visual Arts in Education (B) |
22. ART 6100 | Visual Arts in Education (B) |
23. ART 6300 | Visual Arts in Education (B) |
24. ART 6500 | Visual Arts in Education (B) |
25. ART 6700 | Visual Arts in Education (B) |
26. ART 6900 | Visual Arts in Education (B) |
27. ART 7100 | Visual Arts in Education (B) |
28. ART 7300 | Visual Arts in Education (B) |
29. ART 7500 | Visual Arts in Education (B) |
30. ART 7700 | Visual Arts in Education (B) |
31. ART 7900 | Visual Arts in Education (B) |
32. ART 8100 | Visual Arts in Education (B) |
33. ART 8300 | Visual Arts in Education (B) |
34. ART 8500 | Visual Arts in Education (B) |
35. ART 8700 | Visual Arts in Education (B) |
36. ART 8900 | Visual Arts in Education (B) |
37. ART 9100 | Visual Arts in Education (B) |
38. ART 9300 | Visual Arts in Education (B) |
39. ART 9500 | Visual Arts in Education (B) |
40. ART 9700 | Visual Arts in Education (B) |
41. ART 9900 | Visual Arts in Education (B) |
SUMMER SESSION
University of Manitoba
185 Extended Education Complex,
Winnipeg, Manitoba R3T 2N2
204-474-6963/8008
1-800-421-1960 ext. 6963/8008
1-888-216-7011 ext. 6963/8008
summer@umanitoba.ca

EXPLORÉ THE WORLD & LEARN

2014 Travel/Study destinations:
• Banff, Alberta
• Churchill, MB
• Clearwater, MB
• Costa Rica
• Germany
• Iceland
• Israel
• Japan
• Kyiv (Kiev), Ukraine
• Peru
• Poland
• Tell es-Safi, Israel

umanitoba.ca/summer ➔ Travel/Study Courses

Please be kind to the earth, give this publication to a friend, recycle.