

Post-Secondary Courses Accepted By Red River College (RRC) for Admission into the Following Programs:

- **Diagnostic Medical Sonography – Ultrasound**
- **Medical Laboratory Sciences (MLS)**
- **Medical Radiologic Technology**

- Individual courses may not be used to fulfil more than one admission requirement course.
- Courses with an asterisk (*) are no longer offered but will be accepted as credit for admission purposes.
- Other courses may be accepted as meeting admission requirements. Applicants requesting consideration of a course not listed on this list must submit a detailed course description along with their official transcript.
- This information is accurate as of April 26, 2017. The College reserves the right to modify or cancel any course, program, process, or procedure without notice or prejudice.

| Red River College | University of Manitoba | University of Winnipeg | Brandon University | University College of the North | Other |
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| BASIC STATISTICAL ANALYSIS (3 credits are required for MLS and MRT) | | | | | |
| Recommended courses | | | | | |
| MATH-1020 Business Statistics (4 credits) <i>The course listed above is available through RRC's Continuing Education</i> | STAT 1000 Statistical Analysis 1 (3 credits) Formerly 05.100M Basic | STAT 1301 Statistical Analysis 1 (3 credits) or STAT 1302 Statistical Analysis 2 (3 credits) | 62:171 Introduction to Statistics (3 credits) | UC.MAT.1000 Basic Statistical Analysis 1 (3 credits) | Athabasca University: MGSC301 Statistics for Business and Economics I (3 credits) |
| Accepted courses | | | | | |
| CBST-1090 Introductory Statistics (3 credits) <i>Formerly T07C209</i> <i>The course listed above is only available to students in RRC's full-time Chemical and Biosciences Technology program</i> | 005.210 Basic Statistical Analysis 1* (3 credits) | STAT 1501 Elementary Statistics for Biological and Health Sciences (3 credits) <i>Formerly 53.1501/3</i> | | | Athabasca University: MATH215 Introduction to Statistics (3 credits) |
| MATH-1072 Business Statistics* (4 credits) <i>Formerly MATH420</i> | | STAT 1201 Introduction to Statistical Analysis* (6 credits) <i>Formerly 53.1201/6</i> | | | |
| MATH-1059 Business Statistics* (4 credits) <i>Formerly MATH210</i> | | | | | |
| B13R706 Statistics 1* and B13R707 Statistics 2* | | | | | |
| T07A104 Math* and T07A116 Data Analysis 1* | | | | | |
| B13R714 Statistics 2* | | | | | |
| T07A116 Data Analysis* and T07A206 Data Analysis 2* | | | | | |
| MET1007 Math/Applied Statistics* | | | | | |

| BIOLOGY (6 credits are required for MLS and Ultrasound) | | | | | |
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| Recommended courses | | | | | |
| CBST-1003 Biology (6 credits) Formerly T07C105 <i>The course listed above is only available to students in RRC's full-time Chemical and Biosciences Technology program</i> | BIOL 1020 Biology 1: Principles and Themes (3 credits) and BIOL 1030 Biology 2: Biological Diversity, Function and Interactions (3 credits) | BIOL 1115 Cells and Cellular Processes (3 credits) <i>Formerly 05.1115/3</i> and BIOL 1116 Evolution, Ecology and Biodiversity (3 credits) <i>Formerly 05.1116/3</i> | 15:162 Cells, Genetics & Evolution (3 credits) and 15:163 Biodiversity Functions and Interactions (3 credits) | | Canadian Mennonite University: BIOL 1310 Biology I – Principles & Themes (3 credits) and BIOL 1320 Biology II – Biological Diversity - Includes a lab component (BIOL 1320L) (3 Credits) |
| Accepted courses | | | | | |
| T07-A103 Introductory Biology* and T07A144 Anatomy & Physiology* | BIOL 1000 Biology: Foundations of Life (3 credits) <i>Formerly 071.100</i> and one of the following: BIOL 1340 The State of the Earth's Environment: Contemporary Issues (3 credits) <i>Formerly 071.134</i> or BIOL 1010 Biology: Biological Diversity and Interaction (3 credits) <i>Formerly 071.101</i> | 05.111 Biology General* (6 credits) | 94:162 Biology I (3 credits) and 94:163 Biology II (3 credits) | | |
| | BIOL 1020 Bioprinciples (3 credits) and BIOL 1030 Biodiversity (3 Credits) | | | | |
| | MBIO 2100 General Microbiology A (3 credits) Formerly 060.210 and MBIO 2110 General Microbiology B (3 credits) Formerly 060.211 | | | | |
| | 71.125 Biology B* (6 credits) | | | | |
| COMMUNICATIONS (3 credits are required for MLS and MRT) | | | | | |
| Recommended courses | | | | | |
| CBST-1073 Science Communications 1 (2 credits) <i>Formerly T07C114</i> and CBST-1017 Science Communications 2 (2 credits) <i>Formerly T07C205</i> <i>The courses listed above are only available to students in RRC's full-time Science Laboratory Technology program</i> | Any course ending in "W" will meet the communications requirement | All courses at the 1000 level or above offered through the English Department will meet the communications requirement. | All courses at the 100 level or above offered through the English Department will meet the communications requirement. | UC.IDS.2100 Theory and Practice of Interpersonal Communication (3 credits) | Assiniboine Community College: COMM-0006 Communications (6 credits) Athabasca University: ENGL255 Introductory Composition (3 credits) |
| Accepted courses | | | | | |
| COMM-1000 Business Communication 1 (4 credits) <i>The course listed above is available</i> | ENGL 0930 English Composition (3 credits) <i>Formerly 004.093</i> | ENGL-1000 English 1A (3 credits) | 30.146 Introduction to English Literature (6 credits) | | Assiniboine Community College: COMM-0040 Written Communications |

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| <i>through RRC's Continuing Education</i> | | | | | |
| COMM-1023 Basic Business Communications (3 credits) <i>Formerly E20B007 and B16E841N</i> <i>The course listed above is available through RRC's Continuing Education</i> | ARTS 1110 Intro to University 1 (3 credits) <i>Formerly 99.111W</i> | ENGL-1001 English 1 (6 credits) | 30:151 Written Expression: Structure, Substance, Style (3 credits) | | Assiniboine Community College: COMM-0039 Business English |
| COMM-2054 Business Communication 2* | ENGL 0910 English Composition* (3 credits) <i>Formerly 04.091</i> | ENGL-1003 English 1B (3 credits) | | | |
| H09-A118 Communications* and H09-A626 (Communications*) | | RHET-1101 Academic Writing: Humanities (3 credits) or RHET-1102 Academic Writing: Social Sciences (3 credits) or RHET-1103 Academic Writing: Sciences (3 credits) or RHET-1104 Academic Writing: Business and Administration (3 credits) or RHET-1105 Academic Writing: Multidisciplinary(3 credits) or RHET-1106 Academic Writing: Links with the Disciplines (3 credits) | | | |
| T14-A104 Communication/Writing Skills* and T14-A105 Business Communications* | | RHET-1110 Academic Writing: Extended (6 credits) or RHET-1115 Academic Writing: Extended (English as an Additional Language) (6 credits) | | | |
| B16E221 Basic Business Communications* and B16E121 Oral Communications* and B16E313 Report Writing* | | CAW 1105 Academic Writing* (3 credits) <i>Formerly 18.1105/3</i> | | | |
| B16E841 Basic Business Communications* | | CAW 1110 Academic Writing* (6 credits) <i>Formerly 18.1110/6</i> | | | |
| GENERAL CHEMISTRY (3 credits are required for MLS) | | | | | |
| Recommended courses | | | | | |
| CBST-1020 Chemistry 1 (8 credits) <i>Formerly T07C106</i> and CBST-1002 Chemistry 2 (4 credits) <i>Formerly T07C213</i> <i>The courses listed above are only available to students in RRC's full-time Chemical and Biosciences Tech program</i> | CHEM 1300 University 1 Chemistry: Structure and Modeling in Chemistry (3 credits) <i>Formerly 002.130</i> | CHEM 1111 Introduction to the Chemical Properties of Matter (3 credits) <i>Formerly 08.1111/3</i> | 18:160 General Chemistry 1 (3 credits) | KC.EXC.1490 General Chemistry for Life Sciences (3 credits) | Athabasca University: CHEM217 Chemical Principles 1 (3 credits) |

| Accepted courses | | | | | |
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| ANIM-1019 Chemistry 1 (5 credits) and ANIM-2021 Chemistry 2 (4 credits) <i>These courses are only available to students in RRC's full-time Animal Health Technology program</i> | 002.127 Introductory University Chemistry 1* (3 credits) | CHEM 1112 Basic Principles of Chemical Reactivity (3 credits) <i>Formerly 08.1112/3</i> | | | |
| H09-A104 Chemistry 1* and H09-A205 Chemistry 2* | | 08.1101 Intro Chemistry* (6 credits) | | | |
| T07-A140 General Chemistry* and T07A143 Analytical Chemistry* | | | | | |
| HUMAN ANATOMY AND PHYSIOLOGY (6 credits are required for MLS, MRT, and Ultrasound) | | | | | |
| Recommended courses | | | | | |
| HEAL-1006 Human Anatomy and Physiology 1 (3 credits) <i>Formerly E25N713 and H11N130</i> and HEAL- 2070 Human Anatomy and Physiology 2 (3 credits) <i>Formerly E25N714 and H11N131</i> <i>These courses are available through RRC's Continuing Education</i> | BIOL 1410 Anatomy of the Human Body (3 credits) <i>Formerly ZOOL 1320, 022.132</i> and BIOL 1412 Physiology of the Human Body (3 credits) <i>Formerly ZOOL 1330, 022.133</i> | BIOL 1112 Human Anatomy & Physiology (6 credits) <i>Formerly 05.1112/6</i> | 15.171 Human Anatomy and Physiology I (3 credits) and 15.172 Human anatomy and Physiology II (3 credits) | UC.BIO.1000 Anatomy of the Human Body (3 credits) and UC.BIO.1001 Physiology of the Human Body (3 credits) | Assiniboine Community College: SCIE-0005 A&P 1 (6 credits) Canadian Mennonite University: BIOL 1360 Anatomy of the Human Body (3 credits) and BIOL 1370 Physiology of the Human Body (3 credits) St. Boniface University: BIOL 1415 Anatomie du Corps Humain L (3 credits) and BIOL 1417 Physiologie du Corps Humain L (3 credits) |
| Accepted courses | | | | | |
| ZOOL-1071 Human Anatomy and Physiology (3 credits) <i>Formerly H11-N130</i> and ZOOL-1072 Human Anatomy and Physiology (3 credits) <i>Formerly H11-N131</i> <i>These courses are only available to students in RRC's full-time Nursing program</i> | ANAT 1030 Human Anatomy & Cell Science (3 credits) <i>Formerly 080.103</i> and BIOL 1412 Physiology of the Human Body (3 credits) <i>Formerly ZOOL 1330, 022.133</i> | KIN-2301 Human Anatomy (3 credits) and KIN-2204 Introduction to Human Physiology (3 credits) | | UC.ZOO.1000 Anatomy of the Human Body (3 credits) and UC.ZOO.1001 Physiology of the Human Body (3 credits) | |
| H04M106 Anatomy and Physiology* and H04M107 Sectional Anatomy* | 022.123 Human Body* (6 credits) | | | | |
| | 022.245 Human Physiology* (6 credits) | | | | |

| INTRO TO ORGANIC CHEMISTRY (3 credits are required for MLS) | | | | | |
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| Recommended courses | | | | | |
| 18:261 Organic Chemistry 1: Structure and Mechanisms (3 credits) This course is only available to students in RRC's full-time Science Laboratory Technology program | CHEM 1320 University 1 Chemistry: An Introduction to Organic Chemistry (3 credits) <i>Formerly 002.132</i> | CHEM 1111: Introduction to the Chemical Properties of Matter (3 credits) <i>Formerly 08.1111/3</i> | | | |
| Accepted courses | | | | | |
| T07-A145 Organic Chemistry 1* and T07-A113 Organic Chemistry 2* | | 08.1101 Intro Chemistry* (6 credits) | | | |
| INTRO TO PHYSICAL CHEMISTRY (3 credits are required for MLS) | | | | | |
| Recommended courses | | | | | |
| CBST-1020 Chemistry 1 (8 credits) <i>Formerly T07C106</i> and CBST-1002 Chemistry 2 (4 credits) <i>Formerly T07C213</i> <i>These courses are only available to students in RRC's full-time Science Laboratory Technology program</i> | CHEM 1310 University 1 Chemistry: An Introduction to Physical Chemistry (3 credits) <i>Formerly 002.131</i> | CHEM 1112 Basic Principles of Chemical Reactivity (3 credits) <i>Formerly 08.1112/3</i> | 18:170 General Chemistry II (3 credits) | | |
| Accepted courses | | | | | |
| T07-A140 General Chemistry* and T07A143 Analytical Chemistry* | 002.128 Chemistry Int University Chemistry 2* (3 credits) | 08.1101 Intro Chemistry* (6 credits) | | | |
| INTRO TO PHYSICS (6 credits are required for MRT and Ultrasound) | | | | | |
| Recommended courses | | | | | |
| | PHYS 1020 General Physics 1 (3 credits) <i>Formerly 016.102</i> and one of the following: PHYS 1070 Physics 2: Waves and Modern Physics (3 credits) <i>Formerly 016.107</i> <i>or</i> PHYS 1030 General Physics 2 (3 credits) <i>Formerly 016.103</i> | PHYS 1101 Foundations of Physics (6 credits) <i>Formerly 38.1101/6</i> | 74:151 General Physics I (3 credits) and 74:152 General Physics II (3 credits) | UC.PHY.1993 General Physics (6 credits) | Athabasca University: Physics 200 Intro to Physics 1 (3 credits) and Physics 201 Intro to Physics 2 (3 credits) and Physics 202 Intro to Physics 3 (3 credits) Note: • Physics 200 and 201 are equivalent to U of M PHYS 1020 • Physics 202 is equivalent to U of M PHYS 1030 Canadian Mennonite University PHYS 1010 Physics 1: Mechanics (3 credits) Includes a laboratory requirement (PHYS-1010L) and PHYS 1020 Physics 2: Waves & Modern Physics (3 credits) Includes a laboratory requirement (PHYS-1020L) |

| Accepted courses | | | | | |
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| | PHYS 1050 Physics 1: Mechanics (3 credits) <i>Formerly 016.105</i> and PHYS 1070 Physics 2: Waves and Modern Physics (3 credits) <i>Formerly 016.107</i> | PHYS 1301 Introduction to Physics (6 credits) <i>Formerly 38.1301/6</i> | | | |
| INTRO TO SOCIOLOGY (6 credits are required for MRT and Ultrasound) | | | | | |
| Recommended courses | | | | | |
| SOCI-1000 Sociology (3 credits) This course may be used along with PSYC-1002 to meet the admission requirement of 6 credits of Introduction to Psychology or Sociology | SOC 1200 Introduction to Sociology We accept this course but require the full 6 credits (6 credits) <i>Formerly 077.120</i> | SOC 1101 Introduction to Sociology (6 credits) <i>Formerly 50.1101/6</i> | 90:154 Introduction to Sociology (3 credits) and one of the following: 90:155 Social Institutions and Social Processes (3 credits) or 90.259 The Sociology of the Medical System (3 credits) | UC.SOC.1000 Introduction to Sociology (6 credits) | Athabasca University: Minimum 6 credits from: <ul style="list-style-type: none"> • PSYC289 Psychology as a Natural Science (3 credits) • PSYC290 General Psychology (3 credits) • PSYC340 Introduction to Applied Social Psychology (3 credits) • PSYC379 Social Psychology (3 credits) • SOC287 Introduction to Sociology I (3 credits) • SOC288 Introduction to Sociology II Social Movements (3 credits) |
| INTRO TO PSYCHOLOGY (6 credits are required for MRT and Ultrasound) | | | | | |
| Recommended courses | | | | | |
| PSYC-1002 Psychology (4 credits) This course may be used along with SOCI-1000 to meet the admission requirement of 6 credits of Introduction to Psychology or Sociology | PSYC 1200 Introduction to Psychology (6 credits) | PSYC-1000 Introductory Psychology (6 credits) | 82:160 Introduction to Psychology I (3 credits) and 82:161 Introduction to Psychology II (3 credits) | | Athabasca University: Minimum 6 credits from: <ul style="list-style-type: none"> • PSYC289 Psychology as a Natural Science (3 credits) • PSYC290 General Psychology (3 credits) • PSYC340 Introduction to Applied Social Psychology (3 credits) • PSYC379 Social Psychology (3 credits) • SOC287 Introduction to Sociology I (3 credits) • SOC288 Introduction to Sociology II Social Movements (3 credits) Canadian Mennonite University: PSYC 1010 Introduction to Psychology I – Foundations (3 credits) and PSYC 1020 Introduction to Psychology II (3 credits) |

STRUCTURE AND MODELING IN CHEMISTRY (3 credits are required for MRT)**Recommended courses**

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| CBST-1020 Chemistry 1 (8 credits) <i>Formerly T07C106</i> and CBST-1002 Chemistry 2 (4 credits) <i>Formerly T07C213</i> <i>These courses are only available to students in RRC's full-time Science Laboratory Technology program</i> | CHEM 1300 University 1 Chemistry: Structure & Modeling in Chemistry (3 credits) <i>Formerly 002.130</i> | CHEM 1111: Intro to the Chemical Properties of Matter (3 credits) <i>Formerly 08.1111/3</i> | 18:160 General Chemistry 1 (3 credits) | UC.CHE.1005 Introduction to Chemistry 1 (3 credits) | |
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Accepted courses

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| T07A140 General Chemistry* and T07A143 Analytical Chemistry* | CHEM 2210 Introductory Organic Chemistry 1: Structure and Function (3 credits) <i>Formerly 02.221</i> | 08.1101 Intro to Chemistry* (6 credits) | | UC.CHE.1006 Introduction to Chemistry 2 (3 credits) | |
| | CHEM 2360 Biochemistry 1: Biomolecules and an Introduction to Metabolic Energy (3 credits) <i>Formerly 02.236</i> | | | | |
| | CHEM 2220: Introductory Organic Chemistry 2: Reactivity and Synthesis (3 credits) <i>Formerly 02.222</i> | | | | |
| | 02.127 Int University Chemistry 1* | | | | |
| | 02.123* | | | | |
| | 02.220 Chem Organic* (6 credits) | | | | |