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| **MUN School of Pharmacy**  **Program of Study as of September 2011**  **To review the course descriptions for the Pharmacy courses listed below go to:** [**http://www.mun.ca/regoff/calendar/sectionNo=PHAR-0126**](http://www.mun.ca/regoff/calendar/sectionNo=PHAR-0126) | |
| **One Pre-requisite Year**  Biology 1001 and 1002 – Principles of Biology (6.0 credit hrs)  Chemistry 1050 and 1051 or equivalent – General Chemistry (6.0 credit hrs)  English – any 6.0 credit hours at the 1000-level  Mathematics 1000 and 1001 – Calculus I and II (6.0 credits hrs)  Physics 1020 and 1021 -Introductory Physics I & II **or** Physics 1050 and 1051 General Physics I & II (6.0 credit hrs) | |
| **Year 1**  **Academic Term 1 - Fall Semester**  Psychology 1000 – Introductory Psychology (3)  Chemistry 2440 – Organic Chemistry (3)  Pharmacy 2002 – Anatomy & Physiology I (3)  Pharmacy 2101 – Pharmacy Practice I (3)  Pharmacy 2201 – Pharmaceutics I (3)  Pharmacy 2650 – Pharmacy Skills (3)    *Total Credit hours = 18* | **Year 1**  **Academic Term 2 – Winter Semester**  Psychology 1001 – Introductory Psychology (3)  Pharmacy 2003 - Anatomy & Physiology II (3)  Pharmacy 2004 (Bioc 2101) - Introduction to Biochemistry (3)  Pharmacy 2102 - Pharmacy Practice II (2)  Pharmacy 2202 - Pharmaceutics II (3)  Pharmacy 2203 – Pharmaceutical Analysis (2)  Pharmacy 2651 – Pharmacy Skills (3)  Pharmacy 201W– Structured Practice Experience I (0 credits)\*  *Total Credit hours = 19* |
| **Year 2**  **Academic Term 3 - Fall Semester**  Medicine 4300 –Introductory to General and Autonomic Pharmacology (3)  Pharmacy 3003 - Pathophysiology (3)  Pharmacy 3111 (BIOC 3106) - General Biochemistry (3)  Pharmacy 3203 – Medicinal Chemistry I (3)  Pharmacy 3205 – Pharmaceutics III (3)  Pharmacy 3650 – Pharmacy Skills (3)  *Total Credit hours = 18* | **Year 2**  **Academic Term 4 - Winter Semester**  Pharmacy 3006 – Immunology (3)  Pharmacy 3009 – Pharmacology (3)  Pharmacy 3103 – Microbiology of Infectious Diseases (3)  Pharmacy 3204 – Medicinal chemistry II (3)  Pharmacy 3301 – Patient Care I (3)  Pharmacy 3651 – Pharmacy Skills (3)  Pharmacy 302W – Structured Practice Experience II (0 credits)\*  *Total Credit hours = 18* |
| **Year 3**  **Academic Term 5 - Fall Semester**  Pharmacy 4008 - Chemotherapy (2)  Pharmacy 4201 – Applied Pharmacokinetics (3)  Pharmacy 4302 – Patient Care II (1)  Pharmacy 4401 – Therapeutics I (6)  Pharmacy 4504 – Pharmacy Research & Evaluation I (3)  Pharmacy 4650 - Pharmacy Skills (3)      *Total Credit hours = 18* | **Year 3**  **Academic Term 6 - Winter Semester**  Elective (3)  Philosophy 2551 (formerly PHIL 2803) - Health Ethics (3)  Pharmacy 4402 – Therapeutics II (6)  Pharmacy 4503 – Pharmacy Administration (3)  Pharmacy 4505 – Pharmacy Research & Evaluation II (1)  Pharmacy 4651 – Pharmacy Skills (3)  Pharmacy 403W – Structured Practice Experience III (0 credits)\*    *Total Credit hours = 19* |
| **Year 4**  **Academic Term 7 – Fall Semester**  Elective (3)  Pharmacy 5301 – Clinical Toxicology (2)  Pharmacy 5302 -Patient Care III (3)  Pharmacy 5401 – Therapeutics III (6)  Pharmacy 5506 – Pharmacy Research & Evaluation III (1)  Pharmacy 5650 - Pharmacy Skills (3)    *Total Credit hours = 18* | **Year 4**  **Academic Term 8 - Winter Semester**  Pharmacy 500X – Structure Practice Experience IV (18)    *Total Credit hours = 18* |

Total Credit hours required for the B. Sc. (Pharmacy) is **176**. (30 credits in pre-requisite courses + 146 credits in Pharmacy Program)