

- Two semesters
- September Start
- Prince Philip Drive Campus

HEALTH SCIENCES

Medical Sciences I (General)

COURSES

| CODE | TITLE | Hrs/wk | | |
|-------------------|--|--------|----|----|
| | | Cr | Le | La |
| Semester 1 | | | | |
| CM1400 | Technical Report Writing I OR CM1120 English | 3 | 3 | 0 |
| MA1700 or MA1100 | Mathematics | 4 | 3 | 2 |
| PH1100 or PH1120 | Physics | 4 | 3 | 2 |
| CH1200 or CH1130 | Chemistry | 4 | 3 | 3 |
| BL1500 or BL1170 | Biology | 4 | 3 | 3 |
| Semester 2 | | | | |
| CM1401 | Technical Report Writing II OR CM1145 English | 3 | 3 | 0 |
| MA1670 | Statistics | 4 | 4 | 1 |
| PH1200 or PH1121 | Physics | 4 | 3 | 2 |
| CH1201 or CH1131 | Chemistry | 4 | 3 | 3 |
| BL1501 | Biology | 4 | 3 | 3 |

At the end of the second semester, students will be selected into one of the specified allied health programs (Medical Laboratory Sciences, Medical Radiography, or Respiratory Therapy). Admission will be competitive and based on the student's weighted average. See the "Health Sciences Programs Education Regulations" section of the calendar for more information on the competitive process and the weighted average.

Applicants wishing to pursue a career in Medical Laboratory Sciences, Medical Radiography or Respiratory Therapy will be considered for admission to a common two-semester program, Medical Sciences I (General). Selection to the specific allied health program (third semester) is competitive and will occur at the end of the second semester.

ENTRANCE REQUIREMENTS

- Comprehensive Arts and Science Certificate (College Transition program) with the following courses:
1. Essential English I and II (minimum 60%)
 2. Math Fundamentals I and II (minimum 60%)
 3. Four Science courses chosen from two of the following three combinations:
 - a. Introduction Biology I and II
 - b. Introductory Chemistry I and II
 - c. Introductory Physics I and II

Note: It is strongly recommended that all CAS students who intend to enroll in this program complete both Introductory Biology courses. In addition, it is recommended that students who intend to enroll in the Medical Laboratory Sciences program or the Respiratory Therapy program complete both Introductory Chemistry courses and that students who intend to enroll in the Medical Radiography program complete both Introductory Physics courses.

OR

High School Graduation Certificate with a 60% overall average in the following:

1. Language (1 credit) (minimum 60%) chosen from 3101, 3102, 3103, 3112, 3172, 3192, 4121
OR
English (2 credits) (minimum 60%) chosen from 3201, 3211, 3202, 3212, 3231, 3232, 3281, 3282, 3291, 3292
2. Mathematics (2 credits) chosen from:
 - Advanced: 3201, 3211, 3221, 3231, 3271, 3281, 3291, 4225 (50% minimum)
 - Academic: 3203, 3200, 3210, 3230, 3270, 3280, 3290 (60% minimum)
 OR
 Mathematics (4 credits) chosen from:
 - Advanced: 2205, 3205 (50% minimum in each course)
 - Academic: 2204 (50% minimum), 3204 (60% minimum)
3. Science – (4 credits) chosen from two of:
 - Biology: 3201, 3211, 3231, 3271, 3281, 3291, 4221
 - Physics: 3204, 3214, 3274, 3284, 3294, 4224
 - Chemistry: 3202, 3212, 3230, 3272, 3282, 3292, 4222
 - Geology: 3203, 3213, 3223, 3273, 3283, 3293
 - Earth Systems: 3213, 3209

OR

- Adult Basic Education (Level III) Graduation indicating completion of the academic stream with an overall 60% average including the following courses:
Communication Skills from one of the following:
1. Communications (minimum of 60%) IC3211 and IC3112 plus one of IC3116 or IC3215 or IC3321 or IC3222
 2. Mathematics (minimum of 60%) from one of the following sections:
 - a. Mathematics IM3212, IM3213 and IM3216
 - b. IM3219
 3. Science from two of the following sections:
 - a. Biology IB3113, IB3214, IB3115, IB3316
 - b. Chemistry IH3215, IH3116, IH3117, IH3118
 - c. Physics IP3111, IP3112, IP3215, IP3216
 - d. Earth Science IS3212, IS3213, IS3214

OR

- Adult Basic Education (Level III) Graduation with Degree and Technical Profile (overall 60% average) including the following courses:
1. English (minimum of 60%) 3101A, 3101B, 3101C or 3102A, 3102B, 3102C
 2. Mathematics (minimum of 60%) 1104A, 1104B, 1104C, 2104A, 2104B, 2104C, 3104A, 3104B, 3104C
 3. Science from two of the following sections:
 - a. Biology 1101, 2101A, 2101B, 2101C, 3101A, 3101B, 3101C
 - b. Chemistry 1102, 2102A, 2102B, 2102C, 3102A, 3102B, 3102C
 - c. Physics 1104, 2104A, 2104B, 2104C, 3104A, 3104B, 3104C

OR

Applicants who do not meet the entrance requirements, and are 19 years of age or older, may be considered on an individual basis under the Mature Student Clause.

Applicants with Adult Basic Education (Level III) Graduation with a different Profile (and appropriate grades) may be eligible for admission to the program provided the appropriate selection of courses including those outlined above have been completed.

Students must submit an official Preadmission Physical Examination and Proof of Immunization form as well as a Certificate of Conduct from the Royal Newfoundland Constabulary (RNC), the Royal Canadian Mounted Police (RCMP) or local provincial/municipal force prior to registration.

