



**Rewarding Careers in
Healthcare
Colchester East Hants**



Rewarding Careers in Health Care

As students, you have many exciting opportunities ahead of you and many decisions to make. One of the most important decisions you will be faced with is deciding what career or line of work is right for you.

The purpose of this handbook is to inform you of the various career opportunities in the field of health care. This handbook describes the nature of the work, high school prerequisites, requirements, and where the programs are offered for the various health care careers.

The educational organizations included do not represent a complete list of programs available. We are not endorsing any particular program or university.

If one of the careers identified in this handbook sounds interesting to you and you would like the opportunity to learn more or perhaps job shadow a professional for a day, please contact Human Resources at 893-5554 ext. 42501 or 42384 to arrange a time for you to visit and discuss this career.

The information provided regarding qualifications and contact names for the programs listed in the handbook is subject to change. You should check with the university or college offering the program or with your high school guidance counselor to ensure these are the current standards.

Best of luck in your future endeavors,

Tracey Ungar
Director Employee and Labour Relations and Northern Zone People Services

Colchester East Hants...WHO WE ARE:



Colchester East Hants Health Centre

Located in Truro, Nova Scotia, the Colchester East Hants Health Centre is a 124 bed facility that provides surgical, medical, mental health, intensive care, maternal child services, diagnostic and treatment services, emergency and ambulatory care services, and much more including: a palliative care unit, an inpatient mental health unit for children/youth in crisis, a modern ambulatory care unit, enhanced rehabilitation services, expanded urology, a helipad, and an MRI service.

A range of community health programs are also available integrating services across the continuum of care.

Lillian Fraser Memorial Hospital

This community based hospital, located in Tatamagouche, has 10 medical inpatient beds and 2 observation beds, a 24-hour emergency department, basic laboratory and x-ray services, and other supporting services.

The hospital underwent renovations to improve access to a broader range of community based services aimed at promoting health, preventing illness, and more effectively managing diseases. The project involved the following: making better use of inpatient space to accommodate primary health care services, housing physician offices within the facility, a more centralized nursing station that allows better observation of inpatient and emergency patients, more isolation capacity for patients with infectious illness and the creation of observation beds for the Emergency Department.





Lloyd E. Matheson Centre

Located in Elmsdale, Nova Scotia, the LEMC opened its doors in 2005. The Centre provides the residents of East Hants a focal point to access a range of quality health services under one roof. Services at LEMC include: Public Health, Addiction Services, Mental Health, Blood/Specimen Collection, Diabetes Centre Clinics, Electrocardiograms and Spirometry Clinic (breathing tests).

Mental Health and Addiction Services

Home to a caring, dedicated, and experienced Mental Health and Addiction Services team that provides care both in hospital and in our communities. Our team works in partnership with community organizations, individuals, and their families to provide support and treatment for various mental health needs.

Addiction Services provides the following programs/services to help individuals, families, and communities with problems created by harmful use of alcohol, other drugs and gambling:

- Resident Services – Detoxification (located in Springhill & New Glasgow)
- Treatment Orientation Program (T.O.P.) – six (6) day introduction to treatment program
- Community Based Services – assessment, individual counseling and family counseling
- Prevention and Community Education – Drug awareness and prevention programs for school aged children and education and training programs
- Opiate Treatment Centre – located at 733 Prince Street, Suite C, Truro NS.

Public Health Services

Public Health Services is a shared service between Colchester East Hants, Cumberland, and Pictou County that works in partnership with communities, families, and individuals to promote health and prevent illness using a population health approach.

Public Health Services delivers health programs and services for: families and young children, school aged children, immunization, communicable disease control, outbreak management, injury prevention, tobacco reduction, nutrition/healthy eating, chronic disease prevention, and oral health.

Continuing Care Services

Continuing Care Services contribute to the integrated continuum of health services by providing a range of home, community, and residentially based services to support individuals who need ongoing care on a short-term or long-term basis. The care enables individuals of all ages to live as independently as possible in the community or in a residentially based service.

Continuing Care provides access to:

- Home Care Services including: personal care services, home support, nursing services, home oxygen services, peritoneal dialysis, palliative care, and in-home family respite

- Facility Based Respite - offers the caregivers a break by providing care for their loved ones in a long-term care home for up to a maximum of 60 days per calendar year
- Long Term Care - Provides help with entering a Nursing Home, Residential Care Facility, or Community Based Option by assisting with referrals to Long Term Care if needs exceed what Home Care can provide
- HELP Bed Loan Program - Loans hospital-type bed systems to eligible Nova Scotians for use in their own homes
- Self-Managed Care - Assists people with physical disabilities to increase control over their lives by helping them to develop their own care plans and directly arrange and administer their own support service needs
- Caregiver's Allowance - Recognizes the important role of caregivers by targeting low income care recipients who have a high level of disability or impairment, as determined by a home care assessment, and offering a monthly caregiver allowance to those who qualify

Assessment, care coordination, and ongoing case management are the responsibility of Continuing Care.

For additional information on the Nova Scotia Health Authority please visit our website:

www.nshealth.ca

Rewarding Careers in Health Care

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REGISTERED CARDIOLOGY TECH

NATURE OF THE WORK

Cardiology Technologists (ECG Techs) have the skills to operate electronic diagnostic equipment to record cardiac activity to aid in the treatment and diagnosis of heart disease.

ECG Techs are involved in the performance of vital cardiac testing utilizing a wide range of sophisticated medical equipment essential for providing the cardiologist with valuable diagnostic information. Cardiology is a fast-paced discipline.

HIGH SCHOOL PREREQUISITES

- High school graduation
- Grade XII academic English with a minimum grade of B and English language proficiency
- Grade XII Biology with a minimum grade of C+ or BHSC 0100 or equivalent
- Grade XI Chemistry with a minimum grade of C+
- Grade XI Physics or Applied Physics XII with a minimum grade of C+
- One of the following math requirements:
 - Principles of Mathematics XII (C+)
 - Applications Mathematics XII (C+)
 - Pre-Calculus XII (C+)
 - Foundations of Mathematics XII (C+)
 - Pre-Calculus XII (P) coupled with Calculus XII (P)
 - Any university level science or life science based calculus course (P)

OTHER PREREQUISITES

- Computer skills/knowledge of Windows Operating Systems, MS Word, Excel and Internet Explorer
- Letter of intent: 500 word essay detailing interest in the program and field.
- Resume, including work history (Work-related or volunteer experience in the industry is highly recommended)
- Two letters of reference (one academic, one professional/work)
- Completed Cardiology Career Preparation Report

REQUIREMENTS

Cardiology Technologists require the completion of a two-year college diploma in cardiology technology and a period of supervised practical training.

To be certified, technologists must successfully complete the Canadian Society of Cardiology Technologists national registry examination.

WHERE THE PROGRAM IS OFFERED

The British Columbia Institute of Technology (BCIT) offers a Cardiology Technology Diploma Program in a distance education format.

Prior to formal acceptance into the BCIT program, candidates will be required to:

1. Declare candidacy in the diploma program.
2. Obtain acceptance at a clinical practicum site.
3. Attend an orientation in a hospital cardiology department.
4. Complete the student health questionnaire and update any required immunizations.

CONTACT INFORMATION

BC Institute of Technology
3700 Willingdon Avenue
Burnaby BC V5G 3H2
Telephone: (604) 434-5734 or
1-866-434-1610

www.health.bcit.ca



EARNING POTENTIAL

Registered Cardiology Technologist Salary Scale
\$40,003 – \$52,586

GENERAL

To work in this field you should be interested in medicine and health. Manual dexterity and good coordination are necessary. You must be able to deal with people in a mature, tactful and professional way. You should also be comfortable working with instruments, apparatus and technology.

For additional information please visit www.csct.ca

DENTAL HYGIENISTS

NATURE OF THE WORK

Dental Hygienists are health care professionals concerned primarily with the prevention of dental disease and helping people maintain oral health. They may perform such activities as applying fluorides and sealants; scaling and polishing tooth surfaces; and giving oral hygiene instruction upon direction from the dentists. CEHHA Dental Hygienists work in Public Health Services.

HIGH SCHOOL PREREQUISITES

- For admission into the Diploma of Dental Hygiene (DDH), students must have completed a minimum of five full-year classes (30 credit hours) of undergraduate university study, including one half-year class in introductory statistics.
- For admission into the Bachelor of Dental Hygiene (BDH), students must have completed the following:
 - a diploma in Dental Hygiene (DDH)
 - 30 credit hours of undergraduate university study, including 3 credit hours of introductory statistics
 - License or eligibility for license to practical dental hygiene in Nova Scotia

OTHER PREREQUISITES

Acceptance into one of the Faculty of Dentistry's clinical programs is normally conditional upon receipt of evidence of complete immunization as follows:

- Tetanus, diptheria, pertussis (Td/Tdap)
- Polio
- Measles (Rubeola)
- Mumps
- Rubella
- Hepatitis B (including post-immunization antibody titres)
- and Varicella.

Annual influenza immunization is required for all students during each year of study. Students accepted to the program must have a current Level C CPR/AED (automated external defibrillator) course.

REQUIREMENTS

To become a dental hygienist in Nova Scotia, you must complete a diploma or degree program in Dental Hygiene and apply for licensure with the Provincial Dental Board of Nova Scotia.

WHERE THE PROGRAM IS OFFERED

Dalhousie University offers a two-year diploma program in Dental Hygiene as well as a Bachelor of Dental Hygiene program.

CONTACT INFORMATION

Dalhousie University
Faculty of Dentistry
5981 University Avenue
Halifax, NS B3H 4R2
Telephone: (902) 494-2824
<http://www.dal.ca/faculty/dentistry.html>

EARNING POTENTIAL

Dental Hygienist Salary Scale
\$48,122 - \$56,159

GENERAL

To work as a dental hygienist, you should have good interpersonal skills and a desire to help others. Patience and the ability to handle stressful situations may be needed. You must be efficient and accurate, yet sensitive to the needs of the patients. Hand-eye coordination and an aptitude for detailed and precise work are necessary.

For additional information please visit
www.cdhns.ca



DIETITIANS

NATURE OF THE WORK

Dietitians work as part of the health care team to assess the nutritional status of individuals, develop care plans, monitor the effectiveness of the nutrition intervention, and provide counseling to clients.

CEHHA dietitians work within our Dietary Services, Chronic Disease Management - Nutrition Counseling, Diabetes Education Centre, and Public Health Services.

HIGH SCHOOL PREREQUISITES

- High school graduation
- Students will have completed a minimum of five university preparatory grade XII level courses with an overall average of 70 percent or higher and no individual grade below 60 percent.
- Applicants who present overall grade XII averages between 65 and 69 percent will be reviewed for admission on an individual basis. If admitted, such applicants will normally be required to complete Student Success Programs in addition to the requirements of their degree.
- Grade XII academic English with a grade level of 65 percent or higher and at least four grade XII academic courses approved by the provincial Department of Education and acceptable to Mount Saint Vincent University.
- Grade XII chemistry, and one other science (biology preferred); and grade XI and XII academic or advanced mathematics.

REQUIREMENTS

Dietitians must complete a Bachelor of Science degree in Nutrition from a university that is accredited by the Dietitians of Canada, complete an accredited internship, and receive a pass mark on the national licensing exam.

To practice in Nova Scotia, Dietitians must be registered with the Nova Scotia Dietetic Association. Dietitians are encouraged to be a member of Dietitians of Canada.

WHERE THE PROGRAM IS OFFERED

The following Nova Scotia universities offer a four-year Bachelor of Science in Nutrition program:

- Mount St. Vincent University
- St. Francis Xavier University
- Acadia University

CONTACT INFORMATION

Mount St. Vincent University
Department of Applied Human Nutrition
166 Bedford Highway
Halifax, NS B3M 2J6
Telephone: (902) 457-6321
www.msvu.ca

St. Francis Xavier University
Department of Human Nutrition
P.O. Box 5000
Antigonish, NS B2G 2W5
Telephone: (902) 867-2283
Fax: (902) 867-2389
Email: mmurphy@stfx.ca or bmcisaac@stfx.ca
www.stfx.ca

Acadia University
School of Nutrition and Dietetics
12 University Avenue
PO Box 68
Wolfville, NS B4P 2R6
Telephone: (902) 585-1366
Fax: (902) 585-1637
Email: nutr@acadiau.ca
www.acadiau.ca

EARNING POTENTIAL

Dietitian Salary Scale
\$56,193 – \$74,072

GENERAL

To work in this field, you should be interested in helping people, working in partnership with others, and promoting healthy lifestyles. You should have an aptitude for science. Good judgment, organizational skills, and leadership skills are important. You must be creative, tactful, and tolerant of others.

For additional information please visit:
www.dietitians.ca



FAMILY PHYSICIANS

NATURE OF WORK

Family Physicians diagnose and treat diseases, physiological and psychological disorders, and injuries of patients. Family physicians provide primary contact and continuing and comprehensive care to patients of all ages.

Activities include: examining patients; ordering laboratory tests, x-rays and other diagnostic procedures; prescribing and administering medications and treatments; performing surgical procedures; acting as a consultant to other physicians; conducting medical research; teaching; and performing related tasks.

HIGH SCHOOL PREREQUISITES

- Completion of secondary school (ie. Grade XII) with a minimum overall average of 70% in five academic Grade XII courses.
- Grade XII academic English with a grade level of 70 percent or higher and Pre-calculus Mathematics (for a Bachelor of Science) are required.
- Required courses may vary based on degree program.

OTHER PREREQUISITES

- The major objective is that premedical education encompasses broad study in the physical, life and social sciences, and the humanities. The minimum requirement for entry, however, is a baccalaureate degree in any discipline.
- A minimum GPA of 3.3 (on a 4.0 scale) based on a full course load of 5 full classes in each year of the two most recent years of study prior to submitting an application. An Applicant's best 3 years out of 4 years of full time study could also be considered if the degree program has been completed.
- The MCAT is also required with component scores of 8 and above (may contain a score of 7 in ONE of the sections) with a minimum total of 24.

REQUIREMENTS

People in this profession must complete an accredited medical program at an approved medical school granting a Doctor of Medicine (MD) degree, complete residency training in their area of practice, and have a license to practice medicine. This is granted by the College of Physicians and Surgeons of Nova Scotia.

WHERE THE PROGRAM IS OFFERED

The Dalhousie University Medical School offers a four-year Doctor of Medicine degree. In addition to academic requirements, the application process requires the completion of a personal essay, a Supplementary Information Form, and an interview.

CONTACT INFORMATION

Dalhousie University Faculty of Medicine
Clinical Research Centre, Rm. C205
5849 University Avenue
Halifax, NS B3H 4R2
Telephone: (902) 494-1874
www.dal.ca



EARNING POTENTIAL

Physician salary scale
Varies on an individual basis

GENERAL

Compassion, sensitivity, and a desire to help people are important. Physicians must take final responsibility for their decisions and the effects they have on patients' lives, therefore, emotional stability, ethics, maturity, and good judgment are essential. Excellent interpersonal and communication skills are important. You should be able to inspire confidence and put people at ease. You must be willing to continually update your knowledge and skills.

For additional information please visit
www.cpsns.ca

HEALTH RECORDS TECHNICIAN

NATURE OF THE WORK

A Health Records Technician may work in a health care facility or in an outside agency. These highly trained professionals offer expertise in coding, analysis, risk management, research, utilization, release of information, data quality, privacy, patient registration, electronic medical records, databases, and health information.

HIGH SCHOOL PREREQUISITES

- High School Graduation Diploma or equivalent, including: one Academic Grade XII Science (Biology, Chemistry or Physics); Academic Grade XII English; and Academic Grade XII Mathematics.
- Additional program requirements may include the following: references, an application letter, a current resume, proof of an arranged practicum site, a criminal record check, immunizations and first aid.

REQUIREMENTS

Certification by the Canadian Health Information Management Association is required. To practice in Nova Scotia you must be a member of the Nova Scotia Health Information Management Association.

WHERE THE PROGRAM IS OFFERED

The Canadian Healthcare Association offers a distance learning program in Health Information Management. The program is also offered through the NSCC-Institute of Technology Campus and the NBCC-Moncton Campus.

CONTACT INFORMATION

Canadian Healthcare Association
17 York Street
Ottawa, Ontario K1N 9J6
Telephone: 613-241-8005 or 1-855-236-0213
Email: learninginfo@cha.ca
www.cha.ca

New Brunswick Community College – Moncton
1234 Mountain Road
Moncton, NB E1C 8H9
Telephone: 506-856-2220 or 1-888-664-1477
Email: moncton@nbcc.ca
www.nbcc.ca

Nova Scotia Community College
Institute of Technology
5685 Leeds Street
Halifax, NS B3K 2T3
Telephone: 902-491-4800
www.nsc.ca

EARNING POTENTIAL

Health Record Technician Salary Scale
\$46,425 - \$49,892

GENERAL

To work in this area you must have good analytical and communication skills, both written and verbal. You must be a quick learner with a good memory. You must be well organized, good at managing time, and highly responsible. You must enjoy paperwork and be detail oriented.

LABORATORY SERVICES

MEDICAL LABORATORY TECHNOLOGISTS

NATURE OF THE WORK

Medical laboratory technologists may collect blood and other samples from patients. They conduct laboratory tests and analyses to assist in the diagnosis, treatment, and prevention of disease.

Activities may include: conducting chemical analysis of blood, urine, and other body fluids; performing blood group, type, and compatibility tests for transfusion purposes; and training other laboratory workers.

HIGH SCHOOL PREREQUISITES

- High School Graduation Diploma or equivalent, including a minimum mark of 70% in Grade XII academic English, Mathematics, and Biology.
- A minimum mark of 80% in Grade XII academic Chemistry.

Bachelor of Health Science Degree in Diagnostic Cytology

- Completion of academic Grade XII with at least five Grade XII university preparatory classes, including: English, Academic Math, Biology, and Chemistry.
- An overall average of 75% in the 5 university preparatory classes used to meet admission requirements with no grade lower than 70%.

Bachelor of Health Science Degree (Post-Diploma Program)

- Successful completion of a diploma program in the profession for which you are applying.
- Two years of post-diploma work experience in that profession.
- Evidence of good standing with the applicable Canadian professional association or college.

OTHER PREREQUISITES

- Additional program requirements may include a Letter of Intent, a current resume, a criminal record check, immunizations, and first aid.

REQUIREMENTS

Medical laboratory technologists require a two or three year program in Medical Laboratory Technology and a period of supervised, relevant work experience or a Medical Laboratory Science Degree.

To be certified, technologists must successfully complete the Canadian Society for Medical Laboratory Science national exams and be licensed by the Nova Scotia College of Medical Laboratory Technologists.

WHERE THE PROGRAM IS OFFERED

The Laboratory Technologist program is offered through the NSCC – Waterfront Campus.

Dalhousie University offers a four-year Bachelor of Health Science degree in Diagnostic Cytology as well as a two year Bachelor of Health Science Degree (Post-Diploma Program).

CONTACT INFORMATION

NSCC Waterfront Campus
80 Mawiomi Place
Dartmouth, Nova Scotia B2Y 0A5
Telephone: (902) 491-1100
Fax: (902) 491-1795
Email: waterfront.info@nsc.ca

Dalhousie School of Health Sciences
6th Floor Bethune Building, Office 640
1276 South Park Street
Halifax, NS B3H 2Y9
Telephone: (902) 473-5510 or 1-800-370-4421
E-mail: health.sciences@dal.ca
www.dal.ca

EARNING POTENTIAL

Medical Laboratory Technologist Salary Scale
\$52,591 - \$64,032

MEDICAL LABORATORY ASSISTANTS

NATURE OF THE WORK

Medical laboratory assistants may collect blood and other samples from patients and log patient samples and prepare them for testing. They also set up, clean, and maintain medical laboratory equipment under the supervision of a technologist.

WHERE THE PROGRAM IS OFFERED

The Nova Scotia Community College offers a Medical Laboratory Assistant program, however, it is not part of the regular program/course curriculum. Please contact the NSCC to confirm when and where this program is being offered and for a list of prerequisites.

CONTACT INFORMATION

Nova Scotia Community College Admissions
PO Box 220
Halifax, NS B3J 2M4
Telephone: 866-679-6722
Fax: 866-329-6722
Email: admissions@nsc.ca
www.nsc.ca

EARNING POTENTIAL

Medical Laboratory Assistant Salary Scale
\$39,548 - \$44,801

GENERAL

This work demands close attention to detail. You must have good manual dexterity and be comfortable working with instruments and technology. Good communication skills and the ability to cooperate with others are important. You should be responsible, dependable and willing to keep pace with rapid developments in the field.

For additional information please visit
www.nscmlt.org & www.csmls.org

LICENSED PRACTICAL NURSES

NATURE OF THE WORK

Licensed Practical Nurses (LPNs) provide physical and supportive care to patients of all ages within a stabilized nursing situation. They may work independently or under the direction of a registered nurse depending on the level of care and observation required. The LPN is able to recognize deviations from normal and is able to determine when to report changes in patient conditions and environment. The practical nurse performs duties involving basic knowledge, skills, and judgment required to participate in the nursing process.

HIGH SCHOOL PREREQUISITES

- High School Graduation Diploma or equivalent, including: Grade XII Academic English and Mathematics; and 2 additional Grade XII Academic Sciences (Chemistry, Physics or Biology).

OTHER PREREQUISITES

- Additional program requirements may include a criminal record check, immunizations, and first aid.

REQUIREMENTS

Licensed practical nurses must complete an approved practical nursing program.

Licensed practical nurses must also successfully complete the national examination and be licensed with the College of Licensed Practical Nurses of Nova Scotia before they can practice in Nova Scotia.

WHERE THE PROGRAM IS OFFERED

The Nova Scotia Community Colleges offers a two-year practical nursing certificate program. The NSCC campuses offering the program alternate, therefore, the program is not always offered at the same locations each year.

The New Brunswick Community College offers a two-year practical nursing certificate program. Currently the program is offered at the Fredericton, Miramichi, Moncton, St. Andrews, and Woodstock campuses.

CONTACT INFORMATION

Nova Scotia Community College Admissions
PO Box 220
Halifax, NS B3J 2M4
Telephone: 866-679-6722
Fax: 866-329-6722
Email: admissions@nsc.ca
www.nsc.ca

NBCC College Admissions Service
6 Arran Street
Campbellton, NB E3N 1K4
Telephone: 1-888-796-NBCC or (506) 789-2404
Fax: (506) 789-2430
Email: admissions@nbcc.ca

EARNING POTENTIAL

Licensed Practical Nurse Salary Scale
\$46,004 - \$51,137

GENERAL

Individuals entering this profession should enjoy caring for people of all ages. Good communication skills and interpersonal skills are also very important. Physical demands include moving and lifting others as well as spending long periods of time on one's feet. LPN's must be able to cope with stress and occasional emergency situations.

For additional information please visit
www.clpnns.ca

MANAGERS: ADMINISTRATIVE AND CLINICAL

NATURE OF THE WORK

Managers in both administrative and clinical roles are responsible for the development, implementation, management, and evaluation of activities in their service area. They are responsible for procedure and policy development, budget administration, the recruitment and training of new staff, and performance evaluations.

Financial managers, such as directors of finance, finance manager, or financial analyst, coordinate the preparation of financial statements and reports. They evaluate financial reporting systems, accounting procedures, and investment activities and make recommendations for changes to procedures, operating systems, budgets, and other financial control functions.

Human resources managers are responsible for human resource planning, recruitment, collective bargaining, training and development, occupation classification, and salary and benefit administration.

Supply distribution managers develop purchasing policies and procedures, negotiate purchase contracts, participate in the development of specifications for equipment, products or materials, and review and process claims against suppliers.

Support service managers manage the operations of a department in areas such as information and communication systems, health information, quality management and payroll.

HIGH SCHOOL PREREQUISITES

- Completion of secondary school (i.e. Grade XII) with a minimum overall average of 70% in five academic Grade XII courses.
- A final grade of at least 70% in Grade XII English, Academic Math, and three other academic Grade XII courses.

REQUIREMENTS

- Financial managers are required to obtain at least a Bachelor's degree in Business Administration, Economics, Commerce, Computer Science, Accounting, Finance, or a related area as well as a recognized accounting designation. Several years of experience in accounting, auditing, budgeting, financial planning and analysis, or other financial activity are also required.
- Human resources managers are required to have at least a Bachelor's degree in a field related to personnel management, such as Business Administration, Industrial Relations, Commerce, or Psychology, plus several years of experience as a personnel officer or human resource specialist. A Masters degree in Business Administration or Public Administration with a concentration in Human Resources or Organizational Behaviour and a Certified Human Resources Professional designation is advised.
- Supply distribution managers are required to have a Bachelor's degree in Commerce, Business Administration, or Economics plus several years of work experience as a purchasing officer or agent. Supply distribution managers responsible for purchasing specialized materials or business services may be required to obtain a related Bachelor's degree or diploma.
- Information Technology and Communication Systems managers in healthcare are required to have a minimum of a Bachelor's degree in Computer Science or Engineering, however a Master's Degree is preferred.
- To become a health information manager, you will be required to complete a two or three-year college program in health information management. Certification by the Canadian Health Information Management Association may also be required. To secure a management position in any of these fields, it is advised that you complete a Master's degree in Business Administration, Public Administration, or Economics.

- Other administrative service managers, such as support services managers, may be required to obtain at least a Bachelor's degree in Business Administration or a related administrative services field and to have several years of experience at a professional level in business administration, finance, or administrative services.
- Clinical managers such as nursing, physiotherapy, and social work are required to obtain the required education in their specific discipline as outlined in this booklet as well as a Bachelor's degree in Business Administration or diploma or Master's degree in Health Administration or Public Administration.

EARNING POTENTIAL

Managers Salary Scale
Varies on an individual basis

GENERAL

To work in this area you must be organized and able to meet deadlines. You must be analytical, flexible, attentive to detail, and able to make decisions. You require good written and oral communication skills, and you must be able to establish effective working relationships with a variety of people.

WHERE THE PROGRAM IS OFFERED

Many universities throughout the province offer Bachelor's degree programs in Commerce, Economics, and Business Administration.

Dalhousie University offers several Bachelor and Master's degree programs in various areas of Administration. They also offer a diploma in Health Services Administration, a diploma in Public Administration, a Master's degree in Health Services Administration, and a Master's degree of Public Administration.

A certificate program in Human Resources Management is offered by the Human Resources Association in cooperation with the Continuing Education division of Saint Mary's University.

CONTACT INFORMATION

Dalhousie University
Room 130, 6299 South Street
Henry Hicks Academic Admin Building
PO Box 15000
Halifax, NS B3H 4R2
Telephone: (902) 494-2450 or 1-866-729-4400
Fax: (902) 494-1630
admissions@dal.ca

Saint Mary's University
923 Robie Street
Halifax, NS B3H 3C3
Telephone: (902) 420-5415
Email: admission.status@smu.ca
www.smu.ca/futurestudents/

NUCLEAR MEDICINE TECHNOLOGY



NATURE OF THE WORK

Nuclear Medicine Technologists are health care professionals who use substances labeled with radioactive tracers called radiopharmaceuticals. These radiopharmaceuticals are used to evaluate and aid in the diagnosis and treatment of a variety of diseases.

The Nuclear Medicine Technologist is responsible for performing diagnostic and therapeutic nuclear medicine procedures. The technologist ensures the optimum operation of all equipment used in the profession. This is accomplished by the accurate implementation of a quality control program involving the assessment of radiation detection gamma cameras, computers, and other equipment used in the department. Adhering to radiation protection guidelines and proper drug preparation techniques is also the responsibility of the technologist. The technologist also administers the radio pharmaceutical to the patient by way of an intravenous injection.

HIGH SCHOOL PREREQUISITES

- Completion of academic Grade XII with at least five Grade XII university preparatory classes, including: English, Academic Math, Physics, and Chemistry.
- An overall average of 75% in the 5 university preparatory classes used to meet admission requirements with no grade lower than 70%.

OTHER PREREQUISITES

- Additional program requirements may include a Letter of Intent and a current resume.

REQUIREMENTS

Nuclear Medicine Technologists need to complete a four year degree program in Nuclear Medicine Technology and a period of supervised, relevant work experience.

To be a certified technologist you must successfully complete the Canadian Society of Medical Radiation Technologist national registration exam.

To practice in Nova Scotia, nuclear medicine technologists must be registered with the Nova Scotia Association of Medical Radiation Technologists

WHERE THE PROGRAM IS OFFERED

Dalhousie University offers a four-year Bachelor of Health Science Degree in Nuclear Medicine Technology.

The University of New Brunswick offers a Bachelor of Health Sciences in Nuclear Medicine degree program at its Saint John campus.

CONTACT INFORMATION

Dalhousie School of Health Sciences
6th Floor Bethune Building, Office 640
1276 South Park Street
Halifax, NS B3H 2Y9
Telephone: (902) 473-5510 or 1-800-370-4421
E-mail: health.sciences@dal.ca
www.dal.ca

University of New Brunswick, Saint John
Faculty of Science, Applied Science & Engineering
100 Tucker Park Road PO Box 5050
Saint John, NB E2L 4L5
Telephone: (506) 648-5615
Email: SCI-ENG@unbsj.ca
www.unb.ca

EARNING POTENTIAL

Nuclear Medicine Technologist Salary Scale
\$58,407 - \$68,161

GENERAL

This work demands skill with your hands, accuracy and close attention to detail. You should be efficient yet sensitive to patients' needs. Integrity and a strong sense of responsibility are important, as your results may affect a diagnosis. You must also be comfortable working with technology and be able to keep up with new advances in the field.

For additional information please visit
www.camrt.ca

OCCUPATIONAL THERAPY



NATURE OF THE WORK

Occupational Therapists assist people with physical and mental disabilities in maintaining or regaining their maximum level of independence in day-to-day activities. Activities may include assessing a client's current and potential level of functioning, developing and implementing a treatment plan in the client's various environments, maintaining clinical and statistical records, designing programs for the community, and conducting research. Occupational therapists work collaboratively with clients, who may be individuals, groups, agencies or organizations, to enable them to choose, organize, and perform those occupations they find useful and meaningful in their environments.

HIGH SCHOOL PREREQUISITES

- Completion of secondary school (i.e. Grade XII) with a minimum overall average of 70% in five academic Grade XII courses.
- A final grade of at least 70% in Grade 12 English and any other required subject.

OTHER PREREQUISITES

- Admission to the MSc(OT) program requires the completion of a four-year Bachelor's degree in any field of study at a recognized academic institution, with a minimum B average (73-76%), calculated on the last 20 half credits of the degree.
- Two prerequisite courses are required:
 - Six (6) credit hours in human physiology. The 6 credit hour human physiology prerequisite course should contain study of the following system content: cell, endocrine, neural, muscle, cardiovascular, respiratory, renal, and gastrointestinal.
 - Three (3) credit hours in human/vertebrate anatomy. The 3 credit hour human anatomy prerequisite course should enable the student to explain and describe, at a basic level, the gross anatomy and histology of the human body. Content topics of the course should include study of the following:

development, cells, tissues, skeletal, muscular, integument, nervous, cardiovascular, digestive, respiratory, renal, and reproductive systems.

- Two academic reference letters

WHERE THE PROGRAM IS OFFERED

Dalhousie University offers the only accredited occupational therapy educational program in the Atlantic Region. The Dalhousie School of Occupational Therapy offers a 22 month Master's Entry-Level Program.

CONTACT INFORMATION

(Atlantic) School of Occupational Therapy
Forrest Building, Dalhousie University
Room 215, 5869 University Avenue
PO Box 15000
Halifax NS B3H 4R2
Telephone: (902) 494-8804
Fax: (902) 494-1229
E-mail: occupational.therapy@dal.ca
www.occupationaltherapy.dal.ca

EARNING POTENTIAL

Occupational Therapist Salary Scale
\$57,937 - \$73,162

GENERAL

To work in occupational therapy, you must have a genuine and sensitive interest in people and their ability to achieve. You must be able to communicate effectively with people and demonstrate a strong sense of responsibility, good judgment, patience and self-discipline. Occupational therapists must be creative and unique in their approach to each client. There is an ongoing need to continually update knowledge and skills.

For additional information please visit
www.nssot.ca & www.caot.ca

PHARMACY SERVICES



PHARMACIST

NATURE OF THE WORK

Pharmacists supervise the compounding and dispensing of prescribed medicines, check prescriptions for the proper dosages, maintain registries of narcotics, maintain medication profiles of clients, with responsibility for ensuring that prescriptions are appropriate for each client. They also advise health care professionals on the proper selection and use of medicines.

HIGH SCHOOL PREREQUISITES

- Completion of secondary school (ie. Grade XII) with a minimum overall average of 70% in five academic Grade XII courses.
- Grade XII academic English with a grade level of 70 percent or higher and Pre-calculus Mathematics (for a Bachelor of Science) are required.
- Required courses may vary based on degree program.

OTHER PREREQUISITES

- To apply to the College of Pharmacy, you must have completed a minimum of one year of an undergraduate degree with the following courses:
 - Chemistry 1011/1012 or 1021/1022 (one full year) or equivalent
 - Biology 1010/1011 or 1020/1021 (one full year) or equivalent
 - One full-year or two half-year university credit(s) in any Social Science subject(s)
 - Mathematics 1000 (one half-credit Calculus class), or 1215 or equivalent
 - Statistics 1060 or 2060 (one half-credit class) or equivalent
 - English 1000 or equivalent, or any two of 1010, 1020, 1040, 1045, or equivalent
- After an initial screening procedure based on academic achievement, the top candidates will be invited for an orientation/interview session that assesses the following non-academic skills and qualities:

- People skills
- Communication skills
- Personal effectiveness
- Helping/service orientated
- Professional attitude
- Problem-solving skills

REQUIREMENTS

Pharmacists require a Bachelor of Science degree in Pharmacy and a period of supervised, practical training or apprenticeship.

Pharmacists must also successfully complete the Pharmacy Examining Board of Canada examinations and be licensed with the Nova Scotia College of Pharmacists before they can practice.

WHERE THE PROGRAM IS OFFERED

Dalhousie University offers a four-year Bachelor of Science degree in Pharmacy.

CONTACT INFORMATION

Dalhousie University
College of Pharmacy
5968 College Street
PO Box 15000
Halifax, NS B3H 4R2

Admissions Coordinator
Telephone: 902-494-3824
Fax: 902-494-1396
E-mail: pharmacy@dal.ca or pharmadm@dal.ca
www.pharmacy.dal.ca

EARNING POTENTIAL

Pharmacist Salary
\$74,496 - \$90,808

PHARMACY TECHNICIAN

NATURE OF THE WORK

Pharmacy Technicians provide technical assistance to the Pharmacist. The technical assistance is comprised of such duties as packing prescriptions, ward stock drug supplies, manufacturing (pre-packing and compounding), preparation of both sterile and non-sterile pharmaceuticals, and data entry to patient profile.

HIGH SCHOOL PREREQUISITES

- High School Graduation Diploma or equivalent, including: Grade XII Academic Chemistry, Biology, and Mathematics.

OTHER PREREQUISITES

- Additional program requirements may include a criminal record check, immunizations, and first aid.

WHERE THE PROGRAM IS OFFERED

The Nova Scotia Community College offers a one-year certificate program in Pharmacy Technology at the Waterfront Campus in Dartmouth, NS.

CONTACT INFORMATION

Waterfront Campus
80 Mawiomi Place
Dartmouth, Nova Scotia B2Y 0A5
Phone: (902) 491-1100
Fax: (902) 491-1795
waterfront.info@nsc.ca

EARNING POTENTIAL

Pharmacy Technician Salary Scale
\$39,548 - \$44,801

GENERAL

To work in this field, you should have an interest in chemistry and an aptitude for detail, precision, and accuracy. Communication and interpersonal skills are essential. You must be patient and able to deal with people in a mature, tactful, and responsible way. Supervisory, management, and problem-solving skills are necessary. Computer skills are also important.

For additional information please visit

www.napra.org

PSYCHOLOGY



NATURE OF THE WORK

Psychologists examine the behaviour of children and adults; diagnose psychological and emotional disorders; provide consultation and therapy; counsel individuals, groups, and organizations to enhance physical and mental health and to achieve more effective personal, social, and vocational development and adjustment; teach and apply psychological theory and principles regarding behaviour and mental processes such as learning, memory, perception, and human development; and design, conduct, and communicate the results of psychological research.

CEHHA Psychologists work in Mental Health and Addiction Services.

HIGH SCHOOL PREREQUISITES

- Completion of secondary school (ie. Grade XII) with a minimum overall average of 70% in five academic Grade XII courses.
- Grade XII academic English with a grade level of 70 percent or higher and Pre-calculus Mathematics (for a Bachelor of Science) are required.
- Required courses may vary based on degree program.

REQUIREMENTS

To register as a Psychologist, you require a Master's degree in Psychology with six years of supervised experience or a Ph.D. in Psychology and two years of supervised experience. Initially you can be accepted on the Candidate Register and are then eligible to practice psychology, but you must meet certain conditions, including completing supervised work experience and written and oral examinations, before you are transferred to the Register of Psychologists.

You must be registered with the Nova Scotia Board of Examiners in Psychology as a Candidate or Psychologist to be eligible to practice in Nova Scotia.

The graduate admission requirements for the Master's degree in Psychology include a four-year honors degree in psychology with at least a B+

average, GRE scores (verbal, quantitative, and analytic), a letter indicating research and career goals, and a minimum of two reference letters. Students with a Bachelor's degree wishing to enter the PhD program in Psychology should initially register in the MSc program.

WHERE THE PROGRAM IS OFFERED

Bachelor of Arts / Science degrees in psychology can be obtained at many maritime universities including: Acadia University, St. Francis Xavier University, Dalhousie University, University of New Brunswick, Mount Saint Vincent University, and the University of Prince Edward Island.

Dalhousie University Department of Psychology offers graduate training leading to MSc and PhD degrees in Psychology and Acadia University offers a two-year MSc program in clinical psychology.

CONTACT INFORMATION

Dalhousie University Psychology Department
Life Sciences Centre
1355 Oxford Street
PO Box 15000
Halifax, NS B3H 4R2
Telephone: (902) 494-3417
Fax: (902) 494-6585
Email: psychology@dal.ca
www.dal.ca

Acadia University Department of Psychology
Horton Hall
18 University Avenue
Wolfville, NS B4P 2R6
Telephone: (902) 585-1301
Fax: (902) 585-1078
www.acadiau.ca

EARNING POTENTIAL

Psychologist Salary Scale PhD (Registered)
\$96,306 - \$107,005

GENERAL

To work as a Psychologist, you should be mature, patient, and interested in helping others. You must have excellent oral and written communication skills. Good listening skills, an understanding of human behavior, and awareness of diversities are also important.

For additional information please visit
www.nsbep.org

PHYSIOTHERAPY



NATURE OF THE WORK

Physiotherapists are healthcare professionals who focus on improving and maintaining functional independence and physical performance; preventing and managing pain, physical impairments, disabilities, and limits to participation; and promoting fitness, health, and wellness.

Physiotherapy includes but is not limited to the assessment of a specific physical impairment followed by planning, treatment/intervention, ongoing evaluation, education, and consultation as appropriate. Treatment and intervention may include but is not limited to: therapeutic exercise, education, manipulations / manual techniques, electrotherapy, acupuncture, massage and hydrotherapy.

HIGH SCHOOL PREREQUISITES

- Completion of secondary school (ie. Grade XII) with a minimum overall average of 70% in five academic Grade XII courses.
- Grade XII academic English with a grade level of 70 percent or higher and Pre-calculus Mathematics (for a Bachelor of Science) are required.
- Required courses may vary based on degree program.

OTHER PREREQUISITES

- A four-year undergraduate degree or equivalent in any field of study from a recognized academic institution. Degrees that have a focus in Neuroscience, Psychology, Human Movement Science, Exercise Science, Human Physiology, Health Promotion, Ergonomics and Anatomy are favorable backgrounds for the study of Physiotherapy. The school, however, encourages applicants from diverse academic backgrounds to consider and apply for the program.
- A minimum grade point average of 3.3 or letter grade of B+ in the most recent 60 credit hours of an undergraduate degree.
- The following courses or their equivalents are prerequisites for admission:

- Human Physiology (6 credit hours) PHYL 2031.03 and PHYL 2032.03 or its equivalent is the preferred prerequisite. (In lieu of PHYL 2031.03 and 2032.03, a combination of 9 credit hours of Human and Exercise Physiology may be accepted.)
- Human Anatomy (3 credit hours) (equivalent to ANAT 1010.03)
- Physics (6 credit hours) OR Physics (3 credit hours) AND Biomechanics (3 credit hours)
- Biology (3 credit hours) (cell or animal biology)
- Psychology (6 credit hours)
- Statistics (3 credit hours)
- Languages and Humanities and/or Social Sciences (6 credit hours, e.g. Classics, Contemporary Studies, Theatre, Dance, Music, Languages, Philosophy)
- A minimum of forty (40) hours of non-paid community volunteering experience (not necessarily in the area of physiotherapy) in the last two years is required. Applicants must include a letter or letters confirming the volunteer hours/work with the Supplementary Form.

REQUIREMENTS TO PRACTICE

Physiotherapists need a university degree in physiotherapy which includes supervised clinical placement periods. Physiotherapists must be licensed by the Nova Scotia College of Physiotherapists and must have passed the Physiotherapy National Exam (both written & practical) to practice in Nova Scotia.

WHERE THE PROGRAM IS OFFERED

Dalhousie University School of Physiotherapy is the only such school in Atlantic Canada. The School of Physiotherapy offers three graduate programs: MSc (Physiotherapy), MSc (Rehabilitation Research- Physiotherapy), and PhD (Interdisciplinary- Research).

CONTACT INFORMATION

Dalhousie University School of Physiotherapy
5869 University Avenue
Fourth Floor Forrest Building
Halifax NS B3H 4R2
Telephone: (902) 494-2524
Fax: (902) 494-1941
E-mail: physiotherapy@dal.ca
www.dal.ca

EARNING POTENTIAL

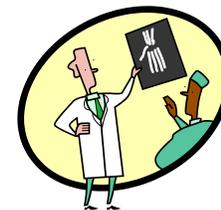
Physiotherapist Salary Scale
\$57,937 - \$73,162

GENERAL

To work in this field you should have an interest in health and in caring for the special needs of people. Ingenuity, initiative, and imagination are needed to adapt activities to individual needs. You should be patient, self-disciplined and resourceful. The ability to inspire confidence and to motivate clients is important. A strong sense of responsibility, good judgment and communication skills are also necessary. Physical stamina may be necessary. There is an ongoing need to continually update knowledge and skills.

For additional information please visit
www.physiotherapy.ca or <http://nsphysio.com>

RADIOLOGY TECHNOLOGY



NATURE OF THE WORK

Radiology Technologists are health care professionals who utilize radiation to produce images of patients' anatomical structures. The quality of the image is critical as it will assist the physician in the diagnosis or treatment of the disease or injury.

The Radiology Technologist is knowledgeable and skilled in a wide variety of procedures, as all body systems are imaged. Responsibilities include (but are not limited to) positioning the patient for radiological procedures, care of the patient, appropriate choice and use of equipment, image manipulation, selection of radiation exposure factors, implementation of radiation protection techniques and critique of the radiograph. Whatever the procedure, the technologist must be adaptable to meet the challenges presented by the patient's physical or psychological state.

HIGH SCHOOL PREREQUISITES

- Completion of academic Grade XII with at least five Grade XII university preparatory classes, including: English, Academic Math, Physics, and Biology/Chemistry.
- An overall average of 75% in the 5 university preparatory classes used to meet admission requirements with no grade lower than 70%.

OTHER PREREQUISITES

- Additional program requirements may include a Letter of Intent and a current resume.

REQUIREMENTS

Radiology Technologists must complete a four-year degree program in Radiology Technology and a period of supervised relevant work experience.

To be a certified technologist, you must successfully complete the Canadian Society of Medical Radiation Technologists national exam. To practice in Nova Scotia, Radiology Technologists must also be registered with the Nova Scotia Association of Medical Radiation Technologists.

WHERE THE PROGRAM IS OFFERED

Dalhousie University offers a four-year Bachelor of Health Science degree program in Radiological Technology.

CONTACT INFORMATION

Dalhousie School of Health Sciences
6th Floor Bethune Building, Office 640
1276 South Park Street
Halifax, NS B3H 2Y9
Telephone: (902) 473-5510 or 1-800-370-4421
E-mail: health.sciences@dal.ca
www.dal.ca

EARNING POTENTIAL

Radiology Tech Salary Scale
\$52,591 - \$64,032

CAREER ADVANCEMENT OPPORTUNITIES

After becoming a registered Radiology Technologist, you may enrich your career by undergoing additional training and education to become a:

CT SCAN TECHNOLOGIST

The CT Tech uses a computerized tomography scan which is an x-ray procedure combining many x-ray images with the aid of a computer to generate cross-sectional views, and if needed, three-dimensional images of the internal organs and structures of the body. A CT scan is used to define normal and abnormal structures in the body and/or assist in procedures for helping to accurately guide the placement of instruments or treatments. A large donut-shaped x-ray machine takes x-ray images at many different angles around the body. These images are processed by a computer to produce cross-sectional pictures of the body. In each of these pictures the body is seen as an x-ray "slice" of the body and is recorded on a film. This recorded image is called a tomogram.

MAGNETIC RESONANCE IMAGING (MRI) TECHNOLOGIST

MRI Techs use magnetism, radio waves, and computers to acquire medical images. MRIs are used for studying the cardiovascular system, detecting tumors, especially in the brain and spinal column, studying body chemistry and functions, and imagining soft tissues such as, muscles, tendons or arteries.

EARNING POTENTIAL

CT/MRI Tech Salary Scale

\$58,407 - \$68,161

GENERAL

This work demands skill with your hands, accuracy, and close attention to detail. You should be efficient yet sensitive to patients' needs. Integrity and a strong sense of responsibility are important, as your results may affect a diagnosis. You must also be comfortable working with technology and be able to keep up with new advances in the field.

For additional information please visit

www.camrt.ca

REGISTERED NURSES

NATURE OF THE WORK

Registered Nurses provide professional services to patients to promote, maintain, and restore health and assist in the management of illness, injury or infirmity. The provision of nursing services involves a variety of roles for nurses including: direct care provider, health teacher, consultant, and administrator. Registered nurses may specialize in nursing practice areas such as the operating room, obstetrics, mental health, palliative care, emergency or critical care, pediatrics, geriatrics, public health, community and occupational health, rehabilitation, or oncology.

Registered nurses in management positions coordinate the activities of other registered nurses and nursing support personnel to facilitate the provision of safe, effective, competent patient care. They ensure that administrative procedures are followed, develop policies, develop and administer budgets, and assist in the hiring and performance review of nursing personnel.

HIGH SCHOOL PREREQUISITES

- Students will have completed a minimum of five university preparatory grade XII level courses with an overall average of 70 percent or higher and no individual grade below 70 percent.
- Grade XII academic English, academic Mathematics, Biology, and Chemistry are required together with one additional university preparatory course.

OTHER PREREQUISITES

Two-calendar year accelerated option or three academic-year accelerated option (Dalhousie University):

- Anatomy 1010.03
- Physiology 1010.06
- Biochemistry 1420.03
- Statistics 1060.03
- Microbiology 1100.03

- 15 credit hours from Chemistry, Psychology, Sociology, Biology and/or Philosophy, (nine credit hours at the 1000 level, six credit hours to be taken at the 2000 or 3000 level) and three credit hours of general electives
- minimum GPA of 3.0 on a 4.3 scale

Three calendar year accelerated program (Dalhousie University):

- at least one full year of university (30 credit hours)
- minimum GPA of 3.0 on a 4.3 scale
- at least six credit hours of first-year non-nursing (support sciences) classes (Chemistry, Psychology, Sociology, Biology, and/or Philosophy)

REQUIREMENTS

Registered nurses must complete a Bachelor of Science degree in Nursing and receive a pass mark on the licensing exam.

Registered nurses must also be licensed with the College of Registered Nurses of Nova Scotia before they can practice.

Additional educational preparation or degrees are required for positions in management, teaching, research, or advanced nursing practice.

WHERE THE PROGRAM IS OFFERED

The following Nova Scotia University's offer a four-year Bachelor of Science in Nursing program:

- Dalhousie University
- St. Francis Xavier University
- Cape Breton University

Dalhousie and St. Francis Xavier Universities also offer accelerated Bachelor of Science in Nursing programs for students with previous post-secondary education.

CONTACT INFORMATION

Dalhousie University School of Nursing
5869 University Avenue
PO Box 15000
Halifax NS B3H 4R2
Telephone: (902) 494-2535
www.dal.ca

St Francis Xavier University School of Nursing
PO Box 5000
Antigonish, NS B2G 2W5
Telephone: (902) 867-2240
Fax: (902) 867-2322
www.stfx.ca

Cape Breton University
1250 grand Lake Road
PO Box 5300
Sydney, NS B1P 6L2
Telephone: (902) 539-5300 or 1-888-959-9995
Fax: (902) 562-0119
Email : registrar@cbu.ca
www.cbu.ca

EARNING POTENTIAL

Registered Nurse Salary Scales
\$64,046 - \$78,099

For additional information please visit
www.crnns.ca

RESPIRATORY THERAPY

NATURE OF THE WORK

Respiratory Therapists are health professionals who assist in the diagnosis, treatment, and health promotion of patients with cardio-respiratory disorders through therapeutic means. They complete respiratory assessments of patients and monitor cardio-pulmonary function.

HIGH SCHOOL PREREQUISITES

Respiratory Therapy Diploma Program

- High School Diploma or Adult High School Diploma or GED Diploma of High School Equivalency
- Geometry and Applications in Mathematics 112 and Functions and Relations 112
- Two additional sciences from the following:
 - Biology 112 or 122 (Recommended)
 - Chemistry 112 or 122
 - Physics 112 or 122 (Recommended)

Bachelor of Health Science (Respiratory Therapy)

- Completion of academic Grade 12 with at least five Grade 12 university preparatory classes, including: English, Academic Math, Chemistry, and Biology/Physics.
- An overall average of 75% in the 5 university preparatory classes used to meet admission requirements with no grade lower than 70%.

OTHER PREREQUISITES

- Additional program requirements may include a Letter of Intent and a current resume.

REQUIREMENTS

Respiratory therapists require a three year diploma in Respiratory Therapy or a Bachelor of Health Sciences degree in Respiratory Therapy, along with a period of supervised relevant work experience.

To be registered, therapists must successfully complete the National Registry Examination governed by the Canadian Board of Respiratory Care. Therapists must also be members of the Canadian Society of Respiratory Therapists and the Respiratory Therapy Society of Nova Scotia.

WHERE THE PROGRAM IS OFFERED

Dalhousie University offers a four-year Bachelor of Health Sciences degree program in Respiratory Therapy. The New Brunswick Community College (NBCC) Saint John Campus and CCNB Dieppe offer three-year diploma programs in Respiratory Therapy.

CONTACT INFORMATION

Dalhousie School of Health Sciences
6th Floor Bethune Building, Office 640
1276 South Park Street
Halifax, NS B3H 2Y9
Telephone: (902) 473-5510 or 1-800-370-4421
E-mail: health.sciences@dal.ca
www.dal.ca

NBCC Saint John Campus
P.O. Box 2270
Saint John NB E2L 3V1
Contact: Ray Hubble, Program Coordinator
Telephone: 506-648-6023
Fax: 506-643-2853
Email: ray.hubble@gnb.ca
www.saintjohn.nbcc.nb.ca

CCNB-Dieppe
330 avenue Université
Moncton, NB E1C 2Z3
Contact: Julie Cyr – Chef de département
Telephone: 506-869-2017
Fax: 506-869-6295
Email: julie.cyr@vitalitenb.ca
www.ccnb.nb.ca and www.umoncton.ca

EARNING POTENTIAL

Respiratory Therapist Salary Scale
\$50,587 - \$69,346

GENERAL

You must have good judgment, a strong sense of reliability, and excellent interpersonal skills to work in a health care environment. You require the ability to maintain composure in critical medical situations.

For additional information please visit
www.csrt.com

SOCIAL WORK



NATURE OF THE WORK

Social Workers assist children, adults, families, and groups to overcome problems in their daily lives by helping them recognize and mobilize their own strengths and abilities. Depending on their specific job, social workers may perform a wide variety of activities. Such activities include: interviewing clients individually, in families, or in groups to assess their situation and work with them to determine a plan to help; refer clients to other professional and community services; advocate for clients with individuals or organizations; investigate cases of child / elder abuse or neglect and take authorized protective action when necessary; assess child development; evaluate the adequacy of child care. With a Master's degree, Social Workers often provide counseling and therapy to assist clients to enhance their skills in dealing with their concerns.

CEHHA Social Workers work in Mental Health and Addiction Services and the Utilization / Discharge Planning Department.

HIGH SCHOOL PREREQUISITES

- Completion of secondary school (ie. Grade XII) with a minimum overall average of 70% in five academic Grade XII courses.
- Grade XII academic English with a grade level of 70 percent or higher and Pre-calculus Mathematics (for a Bachelor of Science) are required.
- Required courses may vary based on degree program.

OTHER PREREQUISITES

- 1 year of an undergraduate degree completed
- Minimum B- average from previous academic study
- Recommended completion of:
 - A full-year writing course (English is preferred)
 - Introductory Sociology
 - Introductory Psychology
 - Any additional Social Science (such as Political Science, Economics, Gender and Women's Studies, or History)
 - One more full year elective

- In addition to solid academic achievements, we look for any relevant experience that contributed meaningfully to your preparedness for a social work education (ie volunteer or work experience).

REQUIREMENTS

Social Workers require a minimum of a Bachelor's degree in Social Work. Social workers who provide counseling and therapy services in a hospital setting require a Master's Degree in Social Work.

Social Workers must be licensed with the Nova Scotia Association of Social Workers.

WHERE THE PROGRAM IS OFFERED

The School of Social Work at Dalhousie University and the School of Social Work at Memorial University both offer a Bachelor of Social Work program as well as a Master's of Social Work program. The Bachelor of Social Work program is also offered at St. Thomas University.

CONTACT INFORMATION

Dalhousie University School of Social Work
1459 LeMarchant Street
Halifax, NS B3H 4R2
PO Box 15000
Telephone: (902) 494-3760
Fax: (902) 494-6709
www.social.work@dal.ca
www.dal.ca

Memorial University School of Social Work
St. John's College
323 Prince Philip Drive
PO Box 4200
St. John's, NF A1C 5S7
Telephone: (709) 864-8165
Fax: (709) 864-2408
Email: ccluett@mun.ca
www.mun.ca

St. Thomas University
51 Dineen Drive
Fredericton, NB E3B 5G3
Telephone: (506) 452-0540
Fax: (506) 452-0611
Email: socialwork@stu.ca
www.stu.ca

EARNING POTENTIAL

Social Worker Salary Scale (Bachelor's Degree)
\$57,937- \$73,162

Social Worker Salary Scale (Master's Degree)
\$63,640 – \$83,660

GENERAL

To work as a Social Worker, you should have an interest in the social welfare of others and a desire to help them. Patience, maturity, good listening skills, and an understanding of human nature are important.

For additional information please visit
www.nsasw.org

MEDICAL SPECIALISTS

NATURE OF WORK

Medical Specialists diagnose and treat diseases, physiological and psychological disorders, and injuries of patients. Specialists have an in-depth knowledge and highly specialized skills in a specific medical field. Specialists include Anesthetists, who administer anesthetics and control pain during surgery; Gynecologists, who study and treat disorders of the female reproductive system; Internists, who specialize in disorders of organs such as heart, lungs, kidneys, and stomach; Pediatricians, who care for infants and children; Psychiatrists, who specialize in disorders of the mind; and Oncologists, who treat cancer.

Activities include: examining patients; ordering laboratory tests, x-rays and other diagnostic procedures; prescribing and administering medications and treatments; performing surgical procedures; acting as a consultant to other physicians; conducting medical research; teaching; and performing related tasks.

HIGH SCHOOL PREREQUISITES

- Completion of secondary school (ie. Grade XII) with a minimum overall average of 70% in five academic Grade XII courses.
- Grade XII academic English with a grade level of 70 percent or higher and Pre-calculus Mathematics (for a Bachelor of Science) are required.
- Required courses may vary based on degree program.

OTHER PREREQUISITES

- The major objective is that premedical education encompasses broad study in the physical, life and social sciences and the humanities. The minimum requirement for entry, however, is a baccalaureate degree in any discipline.
- A minimum GPA of 3.3 (on a 4.0 scale) based on a full course load of 5 full classes in each year of the two most recent years of study prior to submitting an application. An Applicant's best 3 years out of 4 years of full time study could also be considered, if the degree program has been completed.

- The MCAT is also required with component scores of 8 and above (may contain a score of 7 in ONE of the sections) with a minimum total of 24.

REQUIREMENTS

People in this profession must complete an accredited medical program at an approved medical school granting a Doctor of Medicine (MD) degree, complete residency training in their area of practice, and have a license to practice medicine. This is granted by the College of Physicians and Surgeons of Nova Scotia.

WHERE THE PROGRAM IS OFFERED

The Dalhousie University Medical School offers a four-year Doctor of Medicine degree. In addition to academic requirements, the application process requires the completion of a personal essay, a Supplementary Information Form, and an interview.

CONTACT INFORMATION

Dalhousie University Faculty of Medicine
Clinical Research Centre, Rm. C205
5849 University Avenue
Halifax, NS B3H 4R2
Telephone: (902) 494-1874
www.dal.ca

EARNING POTENTIAL

Medical Specialist Salary Scale
Varies on an individual basis



GENERAL

Compassion, sensitivity, and a desire to help people are important. Physicians must take final responsibility for their decisions and the effects they have on patients' lives, therefore, emotional stability, ethics, maturity, and good judgment are essential. Excellent interpersonal and communication skills are important. You should be able to inspire confidence and put people at ease. You must be willing to continually update your knowledge and skills.

ULTRASOUND TECHNOLOGY



NATURE OF THE WORK

Ultrasound Technologists (Diagnostic Sonographers) utilize high frequency sound waves, specialized equipment, and other diagnostic techniques to collect detailed information on anatomical, physiological, and pathological states of the patient. This health care professional is able to produce and evaluate ultrasound images and related data that are used by specialized physicians to render a medical diagnosis. Sonographers typically provide technical expertise in abdomen, superficial structures, obstetrics / gynecology, vascular and cardiac applications.

HIGH SCHOOL PREREQUISITES

- Completion of academic Grade XII with at least five Grade XII university preparatory classes, including: English, Academic Math, Physics, and Biology/Chemistry.
- An overall average of 75% in the 5 university preparatory classes used to meet admission requirements with no grade lower than 70%.

OTHER PREREQUISITES

- Additional program requirements may include a Letter of Intent and a current resume.

REQUIREMENTS

Ultrasound Technologists must complete a four-year Bachelor of Health Science degree program in Radiological Technology as well as a period of supervised, relevant work experience.

To be a certified technologist you must successfully complete the American Registry of Diagnostic Medical Sonographers (ARDMS) ultrasound certification examinations.

To practice in Nova Scotia, you must be registered with the Canadian Society of Diagnostic Medical Sonographers (CSDMS), the national professional body for Sonographers. Membership with the CSDMS is maintained through active registration and membership with ARDMS.

WHERE THE PROGRAM IS OFFERED

Dalhousie University offers a four-year Bachelor of Health Science degree program in Radiological Technology.

CONTACT INFORMATION

Dalhousie School of Health Sciences
6th Floor Bethune Building, Office 640
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CAREER ADVANCEMENT OPPORTUNITIES

After becoming a registered Radiology Technologist, you may enrich your career by undergoing additional training and education to become an:

ECHOCARDIOLOGY TECHNOLOGIST

The echo technologist uses ultrasound waves to create an image of the heart muscle. Ultrasound waves that rebound or echo off of the heart can show the size, shape, and movement of the heart's valves and chambers as well as the flow of blood through the heart. Echocardiography may show such abnormalities as poorly functioning heart valves or damage of the heart tissue from a past heart attack.

EARNING POTENTIAL

Ultrasound Technologists / Echocardiology Technologist Salary Scales
\$58,407 - \$68,161

GENERAL

This work demands skill with your hands, accuracy and close attention to details. You should be efficient yet sensitive to patients' needs. Integrity and a strong sense of responsibility are important, as your results may affect a diagnosis. You must also be comfortable working with Technology and be able to keep up with new advances in the field. For additional information please visit www.csdms.com and/or www.adrms.org

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