

DIAGNOSTIC MEDICAL SONOGRAPHY (Ultrasound)

20 MONTH DIPLOMA PROGRAM



Are You Fascinated By The Human Body?

The sonographer is a health professional that uses high frequency sound waves to create images of body organs, tissues, and blood flow. The generalist sonographer performs abdomen/pelvis, superficial structures, obstetrical, gynecological and vascular ultrasound examinations.

They play a critical role within the health care team by providing physicians with key information that enables the diagnosis and treatment of a wide variety of conditions. The sonographer responsibilities include patient care, performing ultrasound examinations, and creating technical reports for the reporting physician.

To be a successful sonographer, you need exceptional technical, interpersonal, and communication skills, excellent hand-eye coordination and strength.

Our **20 month** Diagnostic Medical Sonography (DMS) program consists of 12 months of theory/scan labs onsite along with 8 months of practicum rotations off campus at hospitals and diagnostic imaging centers.

This fast-paced, condensed DMS program allows you to earn a great income months ahead of any other Canadian accredited ultrasound program.

Visit Us
www.cnih.ca

Call Us
1-866-726-2644, ext 27

Email Us
registrar@cnih.ca

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 (CNIH.Ottawa)

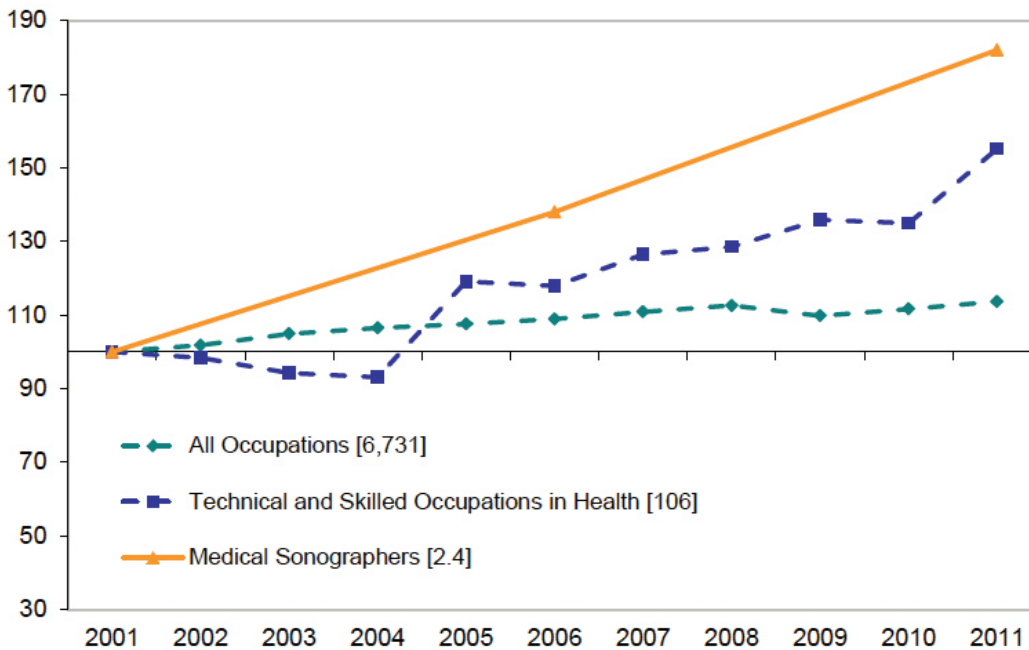


Canadian National Institute of Health inc.
EXCELLENCE IN EDUCATION

Byward Market | 303 Dalhousie Street
Ottawa, ON K1N 7E8

What Is The Demand For Sonographers?

EMPLOYMENT GROWTH FOR DMS COMPARED TO TECHNICAL AND SKILLED OCCUPATIONS IN HEALTH AND ALL OCCUPATIONS IN ONTARIO 2001-2011



The figures in brackets are employment levels in thousands for 2011.

Source: Statistics Canada, Labour Force Survey & National Household Survey.

According to PayScale (May 2014), The median income is \$33.64 per hour, or \$68,000 per year.

What Are The Career Options?

Diagnostic medical sonographers work in community and academic teaching hospitals, ambulatory care and diagnostic imaging centers.

How Does CNIH Compare In Cost To Other Sonography Programs?

CNIH offers the most cost effective DMS program in Canada because our condensed program enables graduates to be out earning great income months ahead of other DMS programs.



Why Choose CNIH?

CNIH IS APPROVED AND ACCREDITED

The CNIH Diagnostic Medical Sonography program is approved by the Ministry of Training Colleges and Universities and is accredited by Accreditation Canada (AC).

OUR CAMPUS

CNIH is a modern 15,000 sq. ft. facility that has been designed for teaching, with six laboratory bays, low student- to-resource ratios and new equipment for knowledge and skill development. The classroom and theory portions of the programs are held in five (5) classrooms and computer lab.

CNIH is conveniently in the Byward Market, in the heart of downtown Ottawa, our Nation's Capital, which boasts world-class shopping districts, fabulous restaurants and a wealth of attractions, such as the Parliament Buildings, National Arts Centre with world class shows and theatre, national museums and galleries, numerous international festivals to take in as well as professional sport teams to support.

OUR FACULTY

CNIH has experienced and qualified faculty that are passionate about your education and will ensure you become a highly skilled sonographer, sought out by employers. Our Program Director and sonography faculty have significant work experience in the field and are registered with Sonography Canada and the American Registry for Diagnostic Medical Sonography (ARDMS).

OUR CURRICULUM

Students spend the first year at CNIH developing their knowledge base in physics, abdomen, obstetrics, gynecology, superficial structures, vascular, Muscular Skeletal sonography, and patient care. Then our students receive a clinical placement for 8 months where they further enhance their scanning and employability skills.

After successfully completing this program, graduates will receive a Diploma in Diagnostic Medical Sonography and are eligible to write the Canadian and American registry exams for eligibility to work in Canada and internationally.



PROGRAM CURRICULUM

TERM 1		HOURS OF STUDY
AHS 101	Anatomy and Physiology	80
AHS 102	Medical Terminology	16
AHP 101	Communications & Professional Development	32
DMS 101	Foundations of Sonography	32
DMS 102	Sonographic Appearance of Normal Anatomy	80
DMS 103	Cross Sectional Anatomy	64
DMS 104	Physics in Sonography I	80
AHS 151	Infection Prevention and Control	32
DMS 105	Scan Lab I	64
TOTAL HOURS		480
TERM 2		
AHP 151	Professional Practice in Patient Care	48
AHP 152	Medical Ethics	16
DMS 151	Pelvic Sonography & Pathology	64
DMS 152	Abdominal Sonography & Pathology	64
DMS 201	Normal Obstetric Sonography	64
DMS 153	Physics in Sonography II	40
DMS 154	Scan Lab II	72
DMS 202	High Resolution Imaging	48
VAS 201	Essentials of Vascular Sonography	64
TOTAL HOURS		480
TERM 3		
DMS 203	Interventional Sonography	32
DMS 204	Pediatric Sonography	48
DMS 251	Abnormal Obstetric Sonography	64
DMS 252	Musculoskeletal Ultrasound	32
DMS 253	Comprehensive Physics Registry Review	32
DMS 254	Comprehensive Abdomen & Superficial Structures Registry Review	32
DMS 255	Comprehensive OB/GYN Registry Review	32
VAS 251	Vascular Sonography	80
DMS 256	Scan Lab III	64
TOTAL HOURS		416
TERM 4 AND 5		
DMS 301	Clinical Practicum 1 (16 weeks)	600
DMS 302	Clinical Practicum 2 (16 weeks)	600
TOTAL HOURS		1200
PROGRAM TOTAL		2576

NOTE: Students are expected to spend eight (8) months in a clinical practicum in a variety of locations. CNIH will make every attempt to locate students in placements for their convenience. Students are responsible for their own transportation to and from placements and for the costs of relocation including travel and accommodation.

ADMISSION REQUIREMENTS

High school diploma or equivalent with the following prerequisites;

- Grade 12 English (U) or (C), 60% or higher
- Grade 12 Math (U) or (C), 60% or higher
- Grade 11 Physics (U) or (C), 70% or higher
- Grade 11 Biology (U) or (C), 70% or higher
- Admissions entrance exam, 60% or higher (\$150 fee)
- Interview with the Office of Admissions Combined average score of 70% or higher

To start your application process please submit;

- Application forms
- Academic transcripts

30 days prior to program commencement you will require;

- Physician's note
- Police vulnerable sector check
- Standard first-aid and CPR BLS

If English is a second language, applicants must provide an English equivalency test. CNIH accepts the following;

Test of English as a Foreign Language (TOEFL) Score: 580 paper, 237 computer, 88 internet

International English Language Testing System (IELTS) Score: 6.5

Canadian Academic English Language Assessment (CAEL) Score: 70

Canadian Language Benchmark Assessment (CLBA) Score: 7

NOTE:

The DMS program is a selective admissions with limited enrolment program. Students must be prepared for rigorous coursework, and must meet all pre- and co-requisites before progressing in the program.

TUITION FEES

Tuition and fees:	\$43,640.00
Books:	\$1,825.00
Expendable Supplies	\$230.00
Uniforms :	\$295.00
Admission Fee	\$150.00
Total - All inclusive:	\$46,140.00

NOTE:

The majority of all fees are eligible for tuition tax credits.

Tuition fees may be paid in installments.

A deposit of \$4,000.00 and a signed contract is required to reserve your place in the program. This payment is due within 21 days of receiving an Offer of Admission. A payment of \$21,990.00 is required 30 days prior to the start of the program. The remainder of the program fees are paid in 2 equal installments (\$10,000.00) which are due at two months and five months into the program.

FINANCING

CNIH is affiliated with provincial and federal student loan programs. Therefore, our student are eligible to apply for OSAP and other provincial student aid programs. We also have an excellent business relationship with the Royal Bank of Canada (RBC) and Toronto Dominion Bank (TD) where they offer a student line of credit to finance your education.

