

School of Allied Health

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Major Programs of Study

Cytotechnology
Diagnostic Genetic Sciences
Dietetics
Individualized Major
Medical Technology
Physical Therapy: Integrated BS/MS

Health

In addition to pre-entrance University requirements, students admitted to the School of Allied Health are required to have a tetanus immunization within the past ten years; physical examination; annual tuberculin test (with chest x-ray for positive reactors); rubella and rubeola titers (with vaccine if titer is negative); and varicella titer. Physical examinations, tuberculin tests and chest x-rays as indicated are planned through the University Student Health Services. In addition to the basic health screening requirements students in all programs are required to have Hepatitis B Immunization. Students who fail to provide written documentation that they have met the above stated health requirements will not be allowed in the clinical setting.

Education Certification

The School of Allied Health will provide annual mandatory educational sessions so that all students entering the clinical setting are in compliance with both the OSHA Bloodborne Pathogen Standards and are knowledgeable of the requirements for compliance with the Health Insurance Portability and Accountability Act (HIPAA). Students who fail to provide written documentation that they met both the above stated OSHA and HIPPA requirements will not be allowed in the clinical setting.

CPR

Dietetics and Physical Therapy students are required to have Adult or Healthcare Provider cardiopulmonary resuscitation certification upon admission into the professional program. Medical Laboratory Sciences professional program students are not required to have CPR certification. CPR certification must be kept current until graduation.

Clinical Experiences

Each of the curricula of the School require education experiences in clinical settings. Assignment to clinical placements is contingent upon successful completion of the appropriate prerequisite course work and the judgment of the faculty of the preparedness of the student for safe practice.

Fees and Expenses

Students can expect fees to approximate those of other University students. The professional courses have added expenses for texts, uniforms and clinical travel. All undergraduate students in the School of Allied Health must pay two one time fees of \$50 (lifetime total of \$100 per student per degree) for each of their first two semesters enrolled in the School. This Student Materials Fee is to defray the cost of providing the laboratory portion of the professional curriculum in the School. Students are responsible for their own transportation to the clinical agencies. They should allow for transportation expenses which could include parking fees, cost of gasoline and cost of air travel/bus/train where necessary. Students are required to pay full fees and tuition during off-campus clinical affiliations.

During periods spent full-time in the affiliated areas off-campus, it is the responsibility of the students to find living quarters and to provide their own maintenance.

Insurance

It is mandatory that all students in the School of Allied Health carry comprehensive health insurance, either privately or through the University.

All students in the professional phase of their curriculum are *required* to carry specific professional liability insurance under the blanket University policy. Students will automatically be billed for this on the University fee bill.

Academic Requirements

The School of Allied Health requires a cumulative grade point average of not less than 2.2 in order to gain admission to the professional program. Thereafter, students must maintain the following standards of scholastic achievement to continue in the School. Students who fail to maintain the minimum grade point averages or minimum course standard in any of these areas are subject to dismissal from the School of Allied Health.

1. Students must maintain a minimum semester grade point average of 2.2
2. Students must maintain a minimum cumulative grade point average of 2.2
3. Students must maintain a minimum *major* grade point average of 2.2
 - The Cytotechnology Major GPA includes all courses offered with the following departmental designations: AH, CYTO, and MLS
 - The Diagnostic Genetic Sciences Major GPA includes all courses offered with the following departmental designations: AH, DGS, MLS, and the following MCB courses: 200, 210, and 229
 - The Dietetics Major GPA includes all courses offered with the following departmental designations: AH, DIET, and the following NUSC courses: 200, 233, 235, 212
 - The Individualized Studies Major GPA includes the 36 credits of 200-level course work identified on the final plan of study.
 - The Medical Technology Major GPA includes all courses offered with the following departmental designations: AH, MT, and MLS
 - The Physical Therapy Major GPA includes all courses offered with the following departmental designations: AH and PT
4. Students must obtain a "C" or better in all courses in the School of Allied Health
5. No student may take a course in the School of Allied Health for which another course in the School is a prerequisite unless that student has earned a grade of "C" or better in that prerequisite course.
6. No course in the School of Allied Health may be repeated more than once (for a total of two times).

Bachelor's Degree Requirements

Upon the recommendation of the faculty, the degree of Bachelor of Science is awarded by vote of the Board of Trustees to students who have met the following requirements: (1) earned a total of at least 120 credits, (2) earned at least a 2.2 cumulative grade point average, (3) earned at least a 2.2 major grade point average, (4) met all requirements of the School of Allied Health.

The requirements which must be met are stated in detail in the plan of study current at the time of the student's entry into the junior year program or the time of the student's admission or readmission to the School, whichever is later.

Exemptions and Substitution

Students who desire to be excused from any of the requirements, or to substitute other courses for those prescribed, should consult the director of the program in which the student is enrolled. Such exemptions or substitutions must be approved by the Dean of the School.

Admission

Freshmen are admitted into the School of Allied Health as **undeclared** Allied Health students. Undeclared Allied Health students will be advised through the Academic Advising Center in the School of Allied Health. Although freshmen are not admitted directly into the professional program, the School of Allied Health has a **Guaranteed Admission Offer**. This offer provides freshmen with direct admission in the junior year to the major of their choice if the student fulfills the criteria described under each program below. The **Guaranteed Admission Offer** is made to provide students with a clear and supportive environment in which to complete admission prerequisites and achieve their academic goals in the School of Allied Health.

In order to qualify for **Guaranteed Admission** to the Cytotechnology, Diagnostic Genetic Sciences, Dietetics, or Medical Technology programs a student must: (1) have entered the University as a freshman; (2) apply to the program within two years of their freshman admission; (3) complete 3 **successive**

semesters of full time study of required course work at the University of Connecticut; (4) earn an *Overall Grade Point Average* of a minimum of a 3.0; and (5) meet all Admission Requirements and file a School of Allied Health Application by the deadline. Students meeting **all** of these criteria are guaranteed admission to the program.

In order to qualify for **Guaranteed Admission** to the Physical Therapy Program a student must: (1) have entered the University as a freshman; (2) apply to the program within two years of their freshman admission; (3) complete 3 **successive** semesters of full time study of required course work at the University of Connecticut; (4) earn a *Science Grade Point Average* of a 3.2 or better -- the *Science Grade Point Average* consists of the following courses: CHEM 124Q and 125Q or 127Q-128Q, PSYC 132 and 135, STAT 100Q or 110Q, PNB 264-265, and PHYS 121Q-122Q (5) earn an *Overall Grade Point Average* of a minimum of a 3.2; and (6) meet all Admission Requirements and file a School of Allied Health Application by the deadline. Students meeting **all** of these criteria are guaranteed admission to the program.

University of Connecticut students who **do not** meet the **Guaranteed Admission Offer** will be reviewed competitively on a space available basis. Transfer Applicants to the professional program will be reviewed on a space available basis once matriculated University of Connecticut students have been reviewed and offers of admission have been confirmed.

The professional majors in the School of Allied Health are junior/senior programs. To apply, students must have earned a minimum of 60 credits, completed all University General Education requirements, and satisfied the prerequisite science courses of the program of application. Students are advised to complete all application procedures as early as possible in their fourth semester, but no later than February 1st annually. Admission is for the **fall semester**. However, physical therapy students must begin their course work **during the summer** following admission.

University General Education Requirements

All students must satisfy the University General Education requirements, listed in detail in the "Academic Regulations" section of this *Catalog*. The course requirements listed below **in each specific program** are those of the School of Allied Health and may also satisfy the University's General Education requirements.

Computer Technology - University entry-level competencies have been reviewed and satisfy all professional program requirements.

Information Literacy - Competencies will be met through successful completion of program *major* courses.

Cytotechnology Program

Cytotechnology is a laboratory specialty in the field of Diagnostic Cytology. Cytotechnologists aid in the early detection of cancer by examining specimens from various body sites to distinguish normal, abnormal, and cancer cells.

The Cytotechnology Program is offered in conjunction with the UConn Health Center which holds accreditation through the Commission on Accreditation of Allied Health Education Programs (CAAHEP) and the United States Department of Education (DOE). Graduates are eligible to take the certification examination administered by the American Society of Clinical Pathologists (ASCP) immediately upon graduation.

Curricula in Cytotechnology

Major Requirements

Mathematics and Science Courses

- A. CHEM 122, 141 and 142
- B. BIOL 107
- C. Biology Option: BIOL 103 *or* a course in Anatomy and Physiology *or* BIOL 108 *or* a Biology course pre-approved by the Cytotechnology Program Director
- D. MATH 109Q
- E. STAT 100Q or 110Q
- F. PVS 296
- G. PVS 297

Writing in the Major

- A. AH 241W
- B. MLS 208W

Professional Courses

- A. **Allied Health**
220, 241W, 243, 244
- B. **Medical Laboratory Sciences**
200, 206, 208(W)
- C. **Cytotechnology**
222, 243, 244, 245, 246, 247, 248, 249, 250,

Diagnostic Genetic Sciences Program

The Diagnostic Genetic Sciences program has two emphasis areas: Cytogenetics and Molecular Diagnostics. Medical cytogenetic technologists study blood, bone marrow, tissue and amniotic fluid for both normal and abnormal chromosome variations that are associated with malformations and diseases like cancer. Molecular Diagnostic technologists evaluate and investigate DNA and RNA with regards to disease, identity, cancer and forensics. The on-campus course requirements for the two emphasis areas are the same, but the clinical courses differ.

The Cytogenetics emphasis is approved by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). Graduates of both emphasis areas are eligible to take the certification examination administered by the National Credentialing Agency for Laboratory Personnel (NCA) immediately upon graduation.

Curricula in Diagnostic Genetic Sciences

Major Requirements

Mathematics and Science Courses

- A. CHEM 124Q and 125Q or CHEM 127Q and 128Q
- B. CHEM 141 and 142 *or* CHEM 243 and 244
- C. BIOL 107
- D. Biology Option: BIOL 103 *or* a course in Anatomy and Physiology *or* BIOL 108 *or* a Biology course pre-approved by the Diagnostic Genetic Sciences Program Director
- E. MATH 109Q
- F. MCB 200
- G. MCB 203
- H. MCB 210
- I. MCB 229
- J. STAT 100Q or 110Q

Writing in the Major

- A. AH 241W
- B. MLS 208W

Professional Courses

- A. **Allied Health**
241W, 243, 244
- B. **Medical Laboratory Sciences**
200, 208(W)
- C. **Diagnostic Genetic Sciences**
222, 223, 224, 225, 234, 235, 246
- D. **Cytogenetics Emphasis Courses**
280, 281, 284, 285, 286, 287, 288
- E. **Molecular Emphasis Courses**
260, 261, 273

and one of the following:
275, 276, 277, 278, 279

Dietetics Program

The Coordinated Program (CP) in Dietetics combines theory in the classroom with supervised practice in clinical dietetics, community nutrition, and food service sites off campus to prepare students to sit for the National Registered Dietitian Examination and earn the credential of RD. Dietitians assess nutritional needs, plan individualized dietary plans, provide counseling and evaluate nutritional care for individuals and groups.

The Dietetics Program is currently granted accreditation by the Commission on Accreditation/Approval for Dietetics Education of the American Dietetic Association. Students are eligible to take the national registration examination administered by the Commission on Dietetic Registration of the American Dietetic Association immediately upon graduation.

Curricula in Dietetics

Major Requirements

Mathematics and Science Courses

- A. CHEM 124Q and 125Q or CHEM 127Q and 128Q
- B. STAT 100Q or 110Q
- C. MCB 203
- D. MCB 229
- E. PNB 264 and 265
- F. CHEM 141 and 142
- G. NUSC 165
- H. NUSC 200
- I. NUSC 212
- J. NUSC 233
- K. NUSC 235

Social Sciences

- A. SOCI 107 or 115 or PSYC 135

Writing in the Major

- A. AH 241W
- B. DIET 213W

Professional Courses

- A. **Allied Health**
241W, 242, 244,
- B. **Dietetics**
203, 206, 207, 211, 212, 213WC, 214, 215, 233, 234, 236, 238,
244, 245, 247, 249, 250

Individualized Major Program

The Individualized Major is a unique opportunity to create a major that is not currently offered at the University of Connecticut. Requirements for declaring and completing an Individualized Major in the School of Allied Health are listed below:

To declare an Individualized Major, students must be in good academic standing and have a cumulative grade point average of not less than a 2.2. Thereafter, students admitted to the Individualized Major in the School of Allied Health must maintain the academic standards listed under School of Allied Health, Academic Requirements.

Students must submit a proposed statement of purpose and identify three faculty members who are willing to serve as an advisory committee.

Students should submit proposals after they have earned at least 30 credits, but prior to their final 30 credits of study.

An Individualized Major has a minimum of 36 credits from 200 level courses which must:

- be from two or more departments
- include at least 18 credits in courses offered by the School of Allied Health. A "C" or better in all courses in the School of Allied Health is required for graduation (See School of Allied Health Academic Requirements).
- include no more than 6 credits of Independent Study and Internship
- be approved by the student's Advisory Committee
- be earned at the University of Connecticut, exceptions require the permission of the Dean of the School

- not be taken on Pass/Fail
- All students with an approved individualized major plan of study must complete a capstone course as part of their concentration credits: they must register for INTD 295W (INTD 296W for Honors students) during their last academic year (Double majors and additional degree students may meet the capstone course requirements by substitution if they register for a capstone course or thesis in the final year of their other major/degree). This course will meet the Writing in the Major requirement.

A 2.2 grade point average for all callable junior and senior course work is required for graduation (see School of Allied Health, Academic Requirements).

For further information and application forms, see the Individualized Major website at: <http://www.iisp.uconn.edu/> or contact the Individualized Major Program Director at (860) 486-3631.

Medical Technology Program

Medical Technologists apply biological and chemical principles to perform, interpret, and correlate laboratory analyses on body fluids and tissues. Medical Technologists are responsible for selecting appropriate methods and implementing quality assurance for tests designed to promote health and prevent, diagnose, and treat diseases.

The Medical Technology Program is offered in conjunction with Hartford Hospital which holds accreditation through the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). Graduates are eligible for certification examinations administered by the National Credentialing Agency for Medical Laboratory Personnel (NCA) or the American Society of Clinical Pathologists (ASCP) immediately upon graduation.

Curricula in Medical Technology

Major Requirements

Mathematics and Science Courses

- A. CHEM 124Q and 125Q or CHEM 127Q and 128Q
- B. CHEM 141 and 142 or CHEM 243 and 244
- C. BIOL 107
- D. Biology Option: BIOL 103 or a course in Anatomy and Physiology or BIOL 108 or a Biology course pre-approved by the Medical Technology Program Director
- E. MATH 109Q
- F. STAT 110Q
- G. MCB 203
- H. Related Science Requirement - MCB 200 or PHYS 101Q or other 200 level Biology or Chemistry course or 100 level Physics course pre-approved by the Medical Technology Program Director
- I. PVS 297

Writing in the Major

- A. AH 241W
- B. MLS 208W

Professional Courses

- A. **Allied Health**
241W, 243, 244,
- B. **Medical Laboratory Sciences**
200, 208(W)
- C. **Medical Technology**
213, 215, 250, 251, 252, 260, 261, 264, 266, 267, 269, 270, 272,
273, 274, 275, 280

Physical Therapy Program

Physical therapists restore function and prevent disability following disease, injury or loss of a body part. The Physical Therapy Program is an integrated bachelor's master's (BS/MSPT) program. The student receives a B.S. in Allied Health with a major in pre-physical therapy at midpoint of the professional program. The student is not eligible to take the licensure examination as a physical therapist until completion of the M.S. portion of the degree (consult the *Graduate Catalog* for the M.S. component of the program).

The program in Physical Therapy is accredited by the American Physical Therapy Association. Graduates of the Master's in Physical Therapy are eligible to take the physical therapy licensure examination and meet the requirements of each state licensing agency.

Curricula in Physical Therapy

Major Requirements

Mathematics and Science Courses

- A. PNB 264 and 265
- B. CHEM 124Q and 125Q or 127Q and 128Q
- C. PSYC 132
- D. MATH 109Q
- E. STAT 100Q or 110Q
- F. PHYS 121Q and 122Q

Social Sciences

- A. PSYC 135

Writing in the Major

- A. PT 280W
- B. PT 308W

Professional Courses

- A. **Allied Health**
242, 243
- B. **Physical Therapy**
210, 212, 213, 215, 217, 220, 221, 222, 240, 260, 280W, 307,
308W, 314, 316

Postbaccalaureate Certificate Programs

The Dietetic Internship is a certificate program administered by the School of Allied Health Dietetics Program in collaboration with Hartford Hospital. The internship provides the student with the opportunity to achieve performance requirements for entry-level dietitians through a minimum of 900 hours of supervised practice. The Dietetic Internship is accredited by the American Dietetic Association Commission on Accreditation/Approval for Dietetics Education, a specializing accrediting body recognized by the Council on Post Secondary Accreditation and the United States Department of Education. Upon completion of the Dietetic Internship the student is eligible to take the national registration examination administered by the Commission on Dietetic Registration of the American Dietetic Association. Students must pass this examination in order to be a Registered Dietitian.

The Diagnostic Genetic Sciences Track Certificate Program is open to individuals with baccalaureate degrees in the medical laboratory sciences or the biological or natural sciences and who meet the course prerequisites for admission to the clinical practicum component. The Diagnostic Genetic Sciences Track Certificate Program prepares students for the Certification Examination in Cytogenetics offered by the National Credentialing Agency for Laboratory Personnel (NCA). Upon successful completion of the Certificate Program, students are immediately eligible to sit for this exam. This examination is sanctioned by the Association of Genetic Technologists (AGT).

The Molecular Diagnostic Genetics Track Certificate Program is open to individuals with baccalaureate degrees in cytogenetics, medical technology, or the biological or natural sciences, and who meet specified course prerequisites and academic standards. Upon completion, students receive a certificate from the School of Allied Health and are eligible to sit for the certification examination in molecular genetics offered by the National Credentialing Agency for Laboratory Personnel (NCA). This examination is sanctioned by the Association of Genetic Technologists (AGT).

The Cytotechnology Certificate Program is open to individuals who have earned a baccalaureate degree and who have completed the chemistry, biological science, and math prerequisites prior to admission to the clinical practical component of the program. The Cytotechnology Certificate Program prepares students for the National Certification Examination in Cytotechnology given by the American Society of Clinical Pathologists. Upon successful completion of the Certificate Program, students are immediately eligible to sit for this examination leading to certification.