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 (HIPPA). 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

All students in the School of Allied Health must have a current certificate in cardiopulmonary resuscitation. 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 completion of the appropriate prerequisite course work and the judgement 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, MLS, and MT
   - 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

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 not admitted directly into the School of Allied Health. Freshmen students enter the University in the College of Liberal Arts and Sciences and identify themselves as preallied health majors. Preallied health students will be advised through the Academic Center for Entering Students (ACES). 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 February 1st 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 127Q-128Q, PSYC 132 and 135, STAT 100Y or 110Y, 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 February 1st 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

The University General Education requirements are 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 as indicated in each group satisfy the University’s General Education requirements.

Cytotechnology Program

Cytotechnology is a laboratory specialty in the field of cytology. Cytotechnologists aide 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

University General Education Requirements

Group 2. Expository Writing
A. AH 241W - Research for the Health Professional
B. MLS 208(W) - Immunology for the Medical Laboratory Sciences

Group 3. Mathematics
C. Required Q courses:
1. MATH 109Q - Algebra & Trigonometry
2. STAT 110V - Elementary Concepts of Statistics
D. Required C course: STAT 110V - Elementary Concepts of Statistics

Group 8. Science and Technology
A. CHEM 122 - Chemical Principles and Applications
B. BIOL 107 - Principles of Biology

Major Requirements

Related Science Courses
A. CHEM 141 - 142 - Organic Chemistry
B. Biology Option: BIOL 103 - The Biology of Human Health & Disease or a course in Anatomy and Physiology or BIOL 108 - Principles of Biology or a Biology course pre-approved by the Cytotechnology Program Director
C. PVS 296 - Histologic Structure & Function
D. PVS 297 - Principles of Pathobiology

Professional Courses
A. Allied Health
220 - Cancer and Your Health
241W - Research for the Health Professional
243 - Health Care Issues for the Health Professional
244 - Management for the Health Professional
B. Medical Laboratory Sciences
200 - Basic Laboratory Techniques in Medical Laboratory Sciences
206 - Anatomy & Physiology for the Medical Laboratory Sciences
208(W) - Immunology for the Medical Laboratory Sciences

Cytotechnology
222 - Diagnostic Cytology
243 - Cytology and the Female Genital Tract
244 - Cytology of the Respiratory Tract
245 - Cytologic Techniques
246 - Cytology of the Alimentary Tract
247 - Cytology of the Miscellaneous Fluids
248 - Cytology of Aspiration Biology
249 - Senior Seminar in Cytotechnology
250 - Clinical Practicum

Diagnostic Genetic Sciences Program

Diagnostic Genetic Sciences encompass two diagnostic fields: Medical 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 malformation. Molecular diagnostic technologists evaluate and investigate DNA and RNA with regards to disease, identity, cancer and forensics.

The Diagnostic Genetic Sciences Program is approved by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). Graduates 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

University General Education Requirements

Group 2. Expository Writing
A. AH 241W - Research for the Health Professional
B. MLS 208(W) - Immunology for the Medical Laboratory Sciences

Group 3. Mathematics
A. Required Q courses:
1. MATH 109Q - Algebra & Trigonometry or Passing Score on Calculus Readiness Test
2. STAT 110V - Elementary Concepts of Statistics
B. Required C course: STAT 110V - Elementary Concepts of Statistics

Group 8. Science and Technology
A. CHEM 122 - Chemical Principles and Applications or Chemistry
127Q-128Q - General Chemistry
B. BIOL 107 - Principles of Biology

Major Requirements

Related Science Courses
A. CHEM 141 - 142 - Organic Chemistry or 243 & 244 - Organic Chemistry
B. Biology Option: BIOL 103 - The Biology of Human Health & Disease or a course in Anatomy and Physiology or BIOL 108 - Principles of Biology or a Biology course pre-approved by the Diagnostic Genetic Sciences Program Director
C. MCB 200 - Human Genetics
D. MCB 203 - Introduction to Biochemistry
E. MCB 210 - Cell Biology
F. MCB 229 - Fundamentals of Microbiology

Professional Courses
A. Allied Health
241W - Research for the Health Professional
243 - Health Care Issues for the Health Professional
244 - Management for the Health Professional
B. Medical Laboratory Sciences
200 - Basic Laboratory Techniques in Medical Laboratory Sciences
208(W) - Immunology for the Medical Laboratory Sciences
C. Diagnostic Genetic Sciences
222 - Medical Cytogenetics
223 - Laboratory in Cytogenetics
224 - Cancer Cytogenetics
225 - Microscopy and Chromosome Imaging
234 - Diagnostic Molecular Technologies
235 - Laboratory in Molecular Diagnostics
246 - Contemporary Issues in Human Genetics
280 - Bone Marrow Cytogenetics
Curricula in Dietetics

University General Education Requirements

Group 2. Expository Writing
A. AH 241W - Research for the Health Professional
B. DIET 213S - Applied Community Nutrition

Group 3. Mathematics
A. Required Q courses:
   1. CHEM 127Q-128Q - General Chemistry
   2. STAT 110V - Elementary Concepts of Statistics
B. Required C course: STAT 110V - Elementary Concepts of Statistics

Group 7. Social Science and Comparative Analysis
A. SOCI 107 - Introduction to Sociology or SOCI 115 - Contemporary Social Problems or PSYC 135 - General Psychology II (Enhanced)

Group 8. Science and Technology
A. CHEM 127Q-128Q - General Chemistry
B. NUSC 165 - Fundamentals of Nutrition

Major Requirements

Related Science Courses
A. MCB 203 - Introduction to Biochemistry
B. MCB 229 - Fundamentals of Microbiology
C. PNB 264 - 265 - Human Anatomy & Physiology
D. CHEM 141 - 142 - Organic Chemistry
E. NUSC 200 - Nutrition and Human Development
F. NUSC 212 - Principles of Food Science
G. NUSC 233 - Food Composition & Preparation
H. NUSC 235 - Food Composition & Preparation Lab

Professional Courses
A. Allied Health
   241W - Research for the Health Professional
   242 - Counseling & Teaching for the Health Professional
   244 - Management for the Health Professional
B. Dietetics
   203 - Applied Food Service Systems
   206 - Applied Medical Nutrition Therapy I
   207 - Applied Medical Nutrition Therapy II
   211 - Clinical Dietetics Practicum I
   212 - Clinical Dietetics Practicum II
   213S - Applied Community Nutrition
   214 - Community Nutrition Practicum I
   215 - Food Service Management Practicum I
   233 - Applied Medical Nutrition Therapy III
   234 - Contemporary Nutrition Practice
   236 - Applied Dietetics Practicum
   238 - Advanced Nutrition for the Dietetics Practitioner
   244 - Food Service Management Practicum II
   245 - Community Nutrition Practicum II
   247 - Seminar in Dietetics
   249 - Clinical Dietetics Practicum III
   250 - Dietetics Research Practicum

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

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

For further information and application forms, contact the Center for Undergraduate Education or phone (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

University General Education Requirements

Group 2. Expository Writing
A. AH 241W - Research for the Health Professional
B. MLS 208(W) - Immunology for the Medical Laboratory Sciences

Group 3. Mathematics
A. Required Q courses:
   1. MATH 109Q - Algebra & Trigonometry or passing score on the Calculus Readiness Test
   2. CHEM 127Q-128Q - General Chemistry
   3. STAT 110V - Elementary Concepts of Statistics
B. Required C course: STAT 110V - Elementary Concepts of Statistics

Group 8. Science and Technology
A. CHEM 127Q-128Q - General Chemistry
B. BIOL 107 - Principles of Biology
C. MCB 203 - Introduction to Biochemistry
D. Related Science Requirement - MCB - Human Genetics or PHYS 101Q - Elements of Physics or other 200 level Biology or Chemistry course or 100 level Physics course pre-approved by the Medical Technology Program Director
E. PVS 297 - Principles of Pathobiology

**Professional Courses**

**A. Allied Health**
- 241W - Research for the Health Professional
- 243 - Health Care Issues for the Health Professional
- 244 - Management for the Health Professional

**B. Medical Laboratory Sciences**
- 200 - Basic Laboratory Techniques in Medical Laboratory Sciences
- 208(W) - Immunology for the Medical Laboratory Sciences

**C. Medical Technology**
- 213 - Clinical Immunology and Virology
- 215 - Molecular Techniques for Medical Technologists
- 250 - Clinical Chemistry and Instrumentation
- 251 - Clinical Chemistry Laboratory
- 252 - Infectious Disease Process II
- 260 - Theory of Phlebotomy
- 261 - Phlebotomy Laboratory
- 264 - Hematology
- 266 - Clinical Microbiology
- 267 - Clinical Microbiology Laboratory
- 269 - Clinical Immunology Laboratory
- 270 - Transfusion Services
- 272 - Urinalysis
- 273 - Urinalysis Laboratory
- 274 - Hematology Laboratory
- 275 - Transfusion Services Laboratory
- 280 - Seminar in Medical Technology

**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**

**University General Education Requirements**

**Group 2. Expository Writing**
- A. PT 280W - Research for Physical Therapists
- B. PT 308W - Integrative Seminar II

**Group 3. Mathematics**
- C. Required Q courses:
  - 1. CHEM 127Q-128Q - General Chemistry
  - 2. STAT 110V - Elementary Concepts of Statistics
  - 3. PHYS 121Q-122Q - General Physics
- D. Required C course: STAT 110V - Elementary Concepts of Statistics

**Group 7. Social Scientific and Comparative Analysis**
- A. PSYC 135 - General Psychology II (Enhanced)

**Group 8. Science and Technology**
- A. CHEM 127Q-128Q - General Chemistry
- B. PSYC 132 - General Psychology I

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**Major Requirements**

**Related Science Courses**
- A. PNB 264 - 265 Human Anatomy and Physiology

**Professional Courses**
- A. Allied Health
  - 242 - Counseling and Teaching for the Health Professional
  - 243 - Health Care Issues for the Health Professional
- B. Physical Therapy
  - 210 - Fundamentals of Assessment
  - 212 - Fundamentals of Treatment: Acute Care
  - 213 - Human Anatomy
  - 215 - Human Anatomy Laboratory
  - 217 - Human Physiology
  - 220 - Tissue Dysfunction
  - 221 - Pharmacology for Physical therapy
  - 222 - Musculoskeletal Dysfunction
  - 240 - Clinical Kinesiology
  - 260 - Functional Neurology and Movement
  - 280W - Research for Physical Therapists
  - 307 - Integrative Seminar I
  - 308W - Integrative Seminar II
  - 314 - Principles of Rehabilitation
  - 316 - Acute Care Practicum

**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.

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School of Allied Health Website
http://www.alliedhealth.uconn.edu/