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. In compliance with the OSHA Bloodborne Pathogen Standard the School of Allied Health will provide annual mandatory mandatory educational sessions for all students. Students who fail to provide written documentation that they have met the above stated health and OSHA 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. However, the professional courses have added expenses for texts, uniforms and clinical travel. 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 junior year program course sequence. It should be noted that admission to programs in the School of Allied Health is competitive. Thereafter students will be dismissed if there is a semester in which they earn a grade point average below 2.2; their cumulative grade point average drops below 2.2; or their major grade point average drops below 2.2 at any time. A “C” or better in all courses in the School of Allied Health, is required for graduation. 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.

The definitions of grade point averages for all School of Allied Health majors are listed under Supplementary Scholastic Standards in the “Academic Regulations” section of this Catalog.

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 Director of the Academic Advisory Center.

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 121Q-122Q, PSYC 132, 135, STAT 100V or 110V, 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 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 (CAHHEP) 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
C. 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 cytogeneticists 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
   281 - Peripheral Blood Cytogenetics
   284 - Variable Topics in Cytogenetics
   285 - Research in Cytogenetics
   286 - Prenatal Cytogenetics
   287 - Practicum in Microscopy and Imaging
   288 - Practicum in Staining and FISH

Dietetics Program

The Coordinated Program (CP) in Dietetics combines theory in the classroom with supervised practice in clinical, community, and food service sites off campus to prepare students to sit for the National Registered Dietitian Examination (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

University General Education Requirements

Group 2. Expository Writing
A. AH 241W - Research for the Health Professional
B. DIET 210S - 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 - Human Anatomy & Physiology
D. CHEM 141 - 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
   204 - Food Service Systems
   208 - Introduction to Nutritional Care I
   209 - Introduction to Nutritional Care II
   210S - Community Nutrition
   235 - Applied Dietetics
   238 - Advanced Nutrition for the Clinical Practitioner
   244 - Practicum in Food Service Management
   247 - Seminar in Dietetics
   248 - Applied Clinical Dietetics
   250 - Dietetic Practice

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. Students admitted to the Individualized Major in the School of Allied Health must maintain the following standards of scholastic achievement to continue in the School. (See School of Allied Health Academic Requirements.)

Students who fail to maintain the minimum grade point averages or minimum course standard in any one of the following areas are subject to dismissal from the School of Allied Health:

1. Students must maintain a minimum semester grade point average of at least 2.2.
2. Students must maintain a minimum cumulative grade point average of at least 2.2.
3. Students must maintain a minimum Individualized Major Grade Point average of at least a 2.2. The Individualized Major Grade Point Average includes the 36 credits of 200 level course work identified on the final plan of study.

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 Director of the Academic Advisory Center’s permission
- 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 Director of Individualized Studies, Family Studies Building, Room 302 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
   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 122 - Chemical Principals and Applications or CHEM 127Q-128Q - General Chemistry
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 BIOL 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
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

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
   206 - Anatomy & Physiology for the Medical Laboratory
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

Pharmacy

Clinical Pharmacy

Curricula in Physical Therapy

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.

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.