School of Allied Health

Joseph W. Smey, Ed.D., P.T., Dean, School of Allied Health
Cynthia H. Adams, Ph.D., Associate Dean, School of Allied Health
Ellen Darrow, B.A., Director, Academic Advisory Center

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 titer (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 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

A current certificate in cardio-pulmonary resuscitation (professional level) is a prerequisite for entry into the Upper Division for all programs and 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 Upper Division 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 and/or Upper Division. 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 Upper Division 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.

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 grade point average for all calculable Upper Division course work, (3) 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

The School of Allied Health is an upper division professional school. Admission is competitive. 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 their admission. The Physical Therapy program DOES NOT admit transfer students.

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. Allied Health 241W - Research for the Health Professional
B. Medical Laboratory Sciences 208(W) - Immunology for the Medical Laboratory Sciences

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

Group 8. Science and Technology
A. Chemistry 122 - Chemical Principles and Applications
B. Biology 107 - Principles of Biology
Major Requirements

Related Science Courses
A. Chemistry 141 - 142 - Organic Chemistry
B. Biology Option: Biology 103 - The Biology of Human Health & Disease or a course in Anatomy and Physiology or Biology 108 - Principles of Biology or a Biology course pre-approved by the Cytotechnology Program Director
C. Pathobiology 296 - Histologic Structure & Function
D. Pathobiology 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
   206 - Anatomy & Physiology for the Medical Laboratory Sciences
   208(W) - Immunology for the Medical Laboratory Sciences
C. Cytotechnology
   220 - Cancer and Your Health
   221 - Introduction to Cancer and 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. Allied Health 241W - Research for the Health Professional
B. Medical Laboratory Sciences 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
B. Required C course: Statistics 110V - Elementary Concepts of Statistics

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

Major Requirements

Related Science Courses
A. Chemistry 141 - 142 - Organic Chemistry or 243 & 244 - Organic Chemistry
B. Biology Option: Biology 103 - The Biology of Human Health & Disease or a course in Anatomy and Physiology or Biology 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
   234 - Diagnostic Molecular Technologies
   235 - Laboratory in Molecular Diagnostics
   242 - Chromosome Imaging
   246 - Contemporary Issues in Human Genetics
   280 - Bone Marrow Cytogenetics
   281 - Peripheral Blood Cytogenetics
   282 - Practicum in Staining and Karyotyping
   283 - Practicum in Photomicroscopy/Imaging
   284 - Variable Topics in Cytogenetics
   285 - Research in Cytogenetics
   286 - Prenatal Cytogenetics

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. Allied Health 241W - Research for the Health Professional
B. Dietetics 210S - Community Nutrition

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

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

Group 8. Science and Technology
A. Chemistry 127Q-128Q - General Chemistry
B. Nutritional Sciences 165 - Fundamentals of Nutrition
C. MCB 200 - Human Genetics
D. MCB 203 - Introduction to Biochemistry
E. MCB 210 - Cell Biology
F. MCB 229 - Fundamentals of Microbiology

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. Chemistry 141 - 142 - Organic Chemistry
E. Nutritional Sciences 200 - Nutrition and Human Development
F. Nutritional Sciences 212 - Principles of Food Science
G. Nutritional Sciences 233 - Food Composition & Preparation
H. Nutritional Sciences 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
   - 233 - 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 2.2 entering the upper division. Thereafter, students will be dismissed if they have one semester in which their grade point average is below 2.2 or if their Upper Division grade point average drops below 2.2 at any time (See 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 and 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). Courses for the Major must include no more than 6 credits of Independent Study and Internship. All courses must be approved by the student’s Advisory Committee. All credits must be earned at the University of Connecticut. Any exceptions require permission by the Director of the Academic Advisory Center. None of the course can be taken on Pass/Fail.

### 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. Allied Health 241W - Research for the Health Professional
B. Medical Laboratory Sciences 208(W) - Immunology for the Medical Laboratory Sciences

**Group 3. Mathematics**

A. Required Q courses:
   1. Math 109Q - Algebra & Trigonometry
   2. Chemistry 127Q-128Q - General Chemistry

#### 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 Sciences
   - 208(W) - Immunology for the Medical Laboratory Sciences

C. **Medical Technology**
   - 210 - Infectious Disease Process I
   - 213 - Clinical Immunology and Virology
   - 250 - Clinical Chemistry Laboratory
   - 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. Allied Health 241W - Research for the Health Professional
B. Physical Therapy 308W - Integrative Seminar II

**Group 3. Mathematics**

A. Required Q courses:
   1. Chemistry 127Q-128Q - General Chemistry
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 of the Certificate Program, 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.