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 forth 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 appendix 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 (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
2. Chemistry 127Q-128Q - General Chemistry
D. Required C course: Statistics 110V - Elementary Concepts of Statistics

Group 8. Science and Technology
A. Chemistry 127Q-128Q - General Chemistry
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). Students 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
   2. Chemistry 127Q-128Q - General Chemistry
B. Required C course: Statistics 110V - Elementary Concepts of Statistics

Group 8. Science and Technology
A. 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

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 and the American Dietetic Association immediately upon graduation.

Curricula in Dietetics

Dietetics Program

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

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
208 - 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

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
B. Required C course: Statistics 110V - Elementary Concepts of Statistics

Group 8. Science and Technology
A. 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, 245 - 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 Medical Technology Program Director
C. MCB 203 - Introduction to Biochemistry
D. Related Science Requirement - MCB - Human Genetics or Physics 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 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 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. Allied Health 241W - Research for the Health Professional
B. Physical Therapy 308W - Integrative Seminar I

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

Group 7. Social Scientific and Comparative Analysis
A. Psychology 135 - General Psychology II

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

Major Requirements
Related Science Courses
A. Biology: PNB 264 - 265 Human Anatomy and Physiology

Professional Courses
A. Allied Health
241W - Research for the Health Professional
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
- 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 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.

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