

## ALLIED HEALTH SCIENCES

### Health Sciences concentration

Catalog Year 2023-2024

sample sequence of courses\*

*pre-med/pre-dent courses in italics are required/recommended<sup>&</sup>*

**FALL**

**SPRING**

YEAR ONE			
<i>CHEM 1124Q or 1127Q<sup>+</sup></i>	4	<i>CHEM 1125Q or CHEM 1128Q</i>	3-4
MATH 1060Q or above ( <i>MATH 1131Q</i> )	3-4	<i>BIOL 1107</i>	4
PSYC 1100	3	General Education CA 2 ( <i>PSYC 1101</i> )	3
ENGL 1007 or 1010 or 1011	4	PHIL 1000-level (CA 1)	3
UNIV 1800 FYE- suggested	1	AH 1100	1
Total credits	15-16	Total credits	14-15
YEAR TWO			
<i>PHYS 1201Q</i>	4	COMM 1000 (CA 2) or 1100	3
<i>STAT 1000Q or 1100Q</i>	4	<i>PHYS 1202Q</i>	4
General education CA 1 ( <i>ENGL lit</i> )	3	<i>CHEM 2443</i>	3
AH 2001	2	Elective# ( <i>BIOL 1108</i> )	4
Elective# (or <i>CHEM 1126Q</i> )	3		
Total credits	16	Total credits	14
YEAR THREE			
AH option	3	AH option	3
General education CA 4	3	<i>CHEM 2445</i>	3
<i>CHEM 2444</i>	3	General education CA 2	3
Related cognate ( <i>MCB 2610</i> )	4	<i>Related cognate (MCB 2000)</i>	4
Related Cognate ( <i>MCB 2210</i> )	3	Elective#	3
Total credits	16	Total credits	16
YEAR FOUR			
AH 4239 & AH 4240W	3	AH/CAHNR option	3
Related Cognate (MCB 2400)	3	AH option	3
E course requirement <sup>^</sup>	3	General education CA 4-int	3
Elective	3	W course requirement <sup>^</sup>	3
AH/CAHNR option	3	Elective#	3
Total credits	15	Total credits	15

Total 120-122 credits - 120 credits required for graduation (total credits vary depending on credits assigned to required, elective, general education, AH major, and related cognate courses). Courses on P/F cannot be used to satisfy general education, AH major, and related cognate courses requirement.

\*Class selection can vary. Students should meet with advisor to determine best courses to fulfill graduation requirements and career goals.

<sup>&</sup> Pre-professional advising office for specific requirements for premed/pre dental requirements. <https://premed.uconn.edu/>

<sup>§</sup> Schedule sequence – The above sequence of courses is a *sample*. Actual sequencing may vary based on advising and student goals.

<sup>#</sup> Electives - The total number of elective courses needed to meet the 120 credits for graduation will vary depending on the number of credits assigned to each course. *Students may need to take additional electives.* Students should track credits for graduation carefully and take elective credits accordingly. Students can utilize electives to complete prerequisite requirements for advanced courses, minors, Experiential Global Learning (study abroad), internships, research, and/or courses required for graduate admissions. This plan of study assumes the foreign language is completed prior to admission to the university. If a language is required, students may take language courses as electives.

<sup>+</sup> Chemistry sequence: While the major allows different chemistry sequences to meet program requirements, chemistry sequence taken will be dependent on career goal and graduate program admission criteria. Students should consult with their advisor for appropriate courses to complete this requirement.

<sup>^</sup>University general education and competency requirements can be found here <https://catalog.uconn.edu/general-education/>

## Health Sciences concentration: 36 credit Major Requirements

### Catalog Year: 2023-2024

Students majoring in Allied Health Sciences must complete 36 credits of course work meeting the following requirements:

- be numbered 2000 or above
- be approved by the student's advisor and department head
- include at least 30 credits taken at UConn
- be taken in two or more departments
- include at least 15 credits from departments in CAHNR, which must be taken at UConn
- have a combined grade point average of at least 2.0
- not include more than 6 credits total of research, independent study, internship, instructional assistant, or international studies
- not be taken on Pass/Fail
- not include more than 6 credits of S/U coursework
- not include more than 8 credits of courses used to satisfy requirements for a minor
- not include more than 6 credits in transfer credit with advisor and department head approval

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### **Required Courses**

AH 2001 Medical Terminology  
AH 4239\* Research Methods in Allied Health  
AH 4240W\* Writing for Allied Health Research  
CHEM 2241/2242 OR CHEM 2243/2244/2245

*(\*must register concurrently)*

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### **AH/CAHNR Options: Must take 5 courses from the list\* below (3 must be AH courses)**

AH 3005 Biostatistics for Health Professions	AH 4297W Honors Thesis in Allied Health Sciences
AH 3021 Environment, Genetics and Cancer	DGS 3226 Current Genetic Research
AH 3025 Human Physiology in Health and Disease	DGS 4234 Diagnostic Molecular Technologies
AH 3030 Fundamentals of Brain, Behavior, and Health	KINS 4500 Exercise Physiology
AH 3060 Healthcare Genetics and Genomics	KINS 4510 Advanced Topics in Health and Sport Performance
AH 3121 Immunology for the Medical Laboratory Sciences	NUSC 4236 Nutritional Biochemistry and Metabolism
AH 3133 Cancer and Your Health	NUSC 4250 Nutrition for Exercise and Sport
AH 3175E Environmental Health	PATH 3700 Emerging Infectious Diseases and Pandemics
AH 3203 Aging: Implications for Health Professionals	PATH 4000 Bioinformatics in Molecular Epid of Infec Dis
AH 3320 Introduction to Infectious Diseases	PATH 4203 Principles of Antibacterial Development
AH 4092 EMT Training@	PATH 4300 Principles of Pathobiology
AH 4243 Current Issues in Health	

\* Some courses have prerequisites and are not offered every semester; students are advised to reference the catalog for course requirements. Some courses may require departmental/advisor/instructor consent; subject to availability.

@Initial enrollment through Hartford Hospital EMT program with additional cost

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### **Related Cognate Courses: Additional courses to meet the 36 credit requirement.**

Courses should speak to the student's career goals and interests and/or graduate admission requirements and be science based. Students are advised to consult with their advisor in advance of enrollment. Approval by advisor and department head is required.