

# UConn | COLLEGE OF AGRICULTURE, HEALTH AND NATURAL RESOURCES

## PLAN OF STUDY FORM

Catalog Year 2024-2025

PATHOBIOLOGY MAJOR

### DIRECTIONS

- This Plan of Study (plan) is used as a *worksheet* during initial registration and every subsequent semester to determine minimum requirements and progress toward completing the degree. A *preliminary plan* is developed and submitted to the advisor by the end of the sophomore year (or equivalent time for transfer students).
- **A final plan must be approved by advisor and the department head, and submitted to the Degree Auditor in the Registrars Office (1<sup>st</sup> floor, Wilbur Cross Building) no later than the end of the tenth week of classes of the semester prior to the anticipated semester of graduation.**
- Students must complete all major and general education course requirements and earn:
  - At least 120 credits toward the degree**
  - At least a 2.0 Cumulative Grade Point Average (CGPA)**
  - At least a 2.0 Grade Point Average for ALL courses listed in the 36 Credit Requirement**
- University of Connecticut General Education Requirements (GER), are outlined in the Academic Regulations section of the *Undergraduate Catalog*. Only approved courses may be used to meet requirements.
- Students should use their Academic Requirements Report (accessible in Student Admin) along with the Plan of Study to view their graduation requirements and assess status toward degree. Students must be attentive to credit restrictions (repeated courses, out of sequence classes, etc.). Courses taken Pass/Fail may NOT be used to meet any requirements.

### STUDENT AND DEGREE INFORMATION

Must be filed out complete on your final plan of study.

Select One:

Preliminary Plan

Final Plan

Name \_\_\_\_\_ Student I.D.: \_\_\_\_\_

First

Middle

Last

Phone #: \_\_\_\_\_ Email Address: \_\_\_\_\_

Current Address: \_\_\_\_\_

Street

City/Town

State

Zio Code

Month and Year of Anticipated Graduation:  May  August  December Year: \_\_\_\_\_

Are you pursuing a double major in CAHNR:  Yes  No If YES, submit Double Major Attachment with final plans of study

Please list below any minors that you plan to earn and submit a final minor plan of study with your final major plan of study.

At the completion of semester you intend to graduate, will you have earned 120 or more credits?  Yes  No

### APPROVAL SIGNATURES

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Advisor Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Department Head's Signature

\_\_\_\_\_  
Date

**The final plan of study must be submitted to the Registrar's Office in the Wilbur Cross Building.  
Please remember to keep a copy of the plan for your records.**

**PART I: GENERAL EDUCATION REQUIREMENTS (GER) <sup>1</sup>**

Courses approved to meet GER are outlined in the Academic Regulations section of the *Undergraduate Catalog*.

*Courses in Content Areas 1-3 must be in 6 different departments.*

*One course from Content Area 4 may be used to fulfill a requirement in Content Areas 1-3.*

Content Area	Dept.	Course No.	Credits	Semester/Year	Grade
<input type="checkbox"/> Foreign Languages (3 years single language in high school) OR pass second course in first-year college sequence					
<input type="checkbox"/>				____ / ____	____
				____ / ____	____
ENGL 1007 or 1010 or 1011				____ / ____	____
"W" Course				____ / ____	____
"W" Course ( <i>within major</i> )				____ / ____	____
"Q" Course				____ / ____	____
"Q" Course ( <i>MATH or STAT</i> )				____ / ____	____
Environmental Literacy ( <i>total 3 credits</i> )				____ / ____	____
1 Arts & Humanities ( <i>total 6 credits</i> )				____ / ____	____
				____ / ____	____
2 Social Sciences ( <i>total 6 credits</i> )				____ / ____	____
				____ / ____	____
3 Science & Technology ( <i>total 6 credits – include one 4-credit laboratory course</i> )				____ / ____	____
				____ / ____	____
4 Diversity & Multiculturalism ( <i>total 6 credits – one must be "International" course</i> )				____ / ____	____
				____ / ____	____

**Computer Technology Competency:** See major requirements

**Information Literacy Competency:** See major requirements

## PATHOBIOLOGY

### PART II: INDIVIDUAL COURSE REQUIREMENTS OF PATHOBIOLOGY MAJOR<sup>1</sup>

Courses in this section that are numbered 2000-level or above may also be used to meet the 36 Credit Requirement (Part III).

**ALL of the following:**

Dept.	No.	Course Title	Credits	Semester/Year	Grade
PATH	<input type="checkbox"/> 1000	Biomedical Issues in Pathobiology	2	_____ / _____	_____
PATH	<input type="checkbox"/> 1201	Exploring Careers in Pathobiology	2	_____ / _____	_____
PATH	<input type="checkbox"/> 1202	Fundamental Biomedical Laboratory Techniques**	2		
PATH	<input type="checkbox"/> 3810	Systems Pathophysiology I	3	_____ / _____	_____
PATH	<input type="checkbox"/> 3820	Systems Pathophysiology II	3	_____ / _____	_____
	<input type="checkbox"/> MCB 2400 <input type="checkbox"/> <u>or</u> MCB 2410 <input type="checkbox"/> <u>or</u> ANSC 3121	(Genetics course)	3	_____ / _____	_____
	<input type="checkbox"/> PATH 2710 <input type="checkbox"/> <u>or</u> PATH 2720 <input type="checkbox"/> <u>or</u> MCB 2610	(Microbiology Course)	4	_____ / _____	_____
	<input type="checkbox"/> PATH 2800 <input type="checkbox"/> <u>or</u> MCB 2210	(Cell Biology Course)	3	_____ / _____	_____
	<input type="checkbox"/> PATH 3401 or 5401 <input type="checkbox"/> <u>or</u> AH 3121 <input type="checkbox"/> <u>or</u> MCB 4211	(Immunology Course)	3-4	_____ / _____	_____

\*\*or another PATH course (excluding research and experiential courses) not used to fulfil other requirements.

*Writing Competency:* Students must pass PATH 3094W or PATH 4197W.

*Computer Technology Competency:* There are no advanced requirements for the major.

*Information Literacy Competency:* Students must pass PATH 3094W or PATH 4197W.

**The Pathobiology major has concentrations in Pre-Professional Biomedical Sciences, Medical Biotechnology, or Global Health, or students can elect no concentration (standard plan).**

#### STANDARD PLAN (no concentration)

Nine additional credits of PATH 2000-level or above elective courses (excluding research and experiential courses)

Dept.	No.	Course Title	Credits	Semester/Year	Grade
PATH			1-4	_____ / _____	_____
PATH			1-4	_____ / _____	_____
PATH			1-4	_____ / _____	_____
PATH			1-4	_____ / _____	_____

## PATHOBIOLOGY

### PRE-PROFESSIONAL BIOMEDICAL SCIENCES CONCENTRATION

<i>One of the following:</i>					
PATH	<input type="checkbox"/> 2100	Anatomy and Physiology of Animals	4	_____ / _____	_____
PNB	<input type="checkbox"/> 2264 <input type="checkbox"/> <u>and</u> 2265	Human Physiology and Anatomy	8		
PNB	<input type="checkbox"/> 2774 <input type="checkbox"/> <u>and</u> 2775 <input type="checkbox"/> <u>and</u> 2776	Enhanced Human Physiology and Anatomy I Enhanced Human Physiology and Anatomy II Enhanced Human Physiology and Anatomy Laboratory	10		
<i>One of the following:</i>					
CHEM	<input type="checkbox"/> 2241 <input type="checkbox"/> <u>and</u> 2242	Organic Chemistry Organic Chemistry Laboratory	4	_____ / _____	_____
CHEM	<input type="checkbox"/> 2443 <input type="checkbox"/> <u>and</u> 2444 <input type="checkbox"/> <u>and</u> 2445	Organic Chemistry Organic Chemistry Organic Chemistry Laboratory	9		
MCB	<input type="checkbox"/> 2000 <input type="checkbox"/> <u>or</u> 3010	Introduction to Biochemistry Biochemistry	4-5		

Six additional credits of PATH 2000-level or above elective courses (excluding research and experiential courses)

Dept.	No.	Course Title	Credits	Semester/Year	Grade
PATH			1-4	_____ / _____	_____
PATH			1-4	_____ / _____	_____
PATH			1-4	_____ / _____	_____

### MEDICAL BIOTECHNOLOGY CONCENTRATION

<i>One of the following:</i>					
PATH	<input type="checkbox"/> 2200	Modern Biomedical Laboratory Techniques	3	_____ / _____	_____
PNB	<input type="checkbox"/> 3501	Diagnostic Techniques for the Biomedical Sciences	2		
<i>One of the following:</i>					
MCB	<input type="checkbox"/> 2000	Introduction to Biochemistry	4	_____ / _____	_____
MCB	<input type="checkbox"/> 3010	Biochemistry	5		

Six additional credits of PATH 2000-level or above elective courses (excluding research and experiential courses)

Dept.	No.	Course Title	Credits	Semester/Year	Grade
PATH			1-4	_____ / _____	_____
PATH			1-4	_____ / _____	_____
PATH			1-4	_____ / _____	_____

# PATHOBIOLOGY

## GLOBAL HEALTH CONCENTRATION

Nine additional credits of PATH 2000-level or above elective courses (excluding research and experiential courses)

Dept.	No.	Course Title	Credits	Semester/Year	Grade
PATH	<input type="checkbox"/> 1100E	One Health: People, Animals, Plants, and the Environment	3	_____ / _____	_____
PATH	<input type="checkbox"/> 4000	Bioinformatics in Molecular Epidemiology of Infectious Diseases	3	_____ / _____	_____
PUBH	<input type="checkbox"/> 1001 <input type="checkbox"/> <u>or</u> 3001	Introduction to Public Health Introduction to Epidemiology	3	_____ / _____	_____
STAT	<input type="checkbox"/> 1100Q	Elementary Concepts of Statistics	4	_____ / _____	_____

Six additional credits of PATH 2000-level or above elective courses (excluding research and experiential courses)

Dept.	No.	Course Title	Credits	Semester/Year	Grade
PATH			1-4	_____ / _____	_____
PATH			1-4	_____ / _____	_____
PATH			1-4	_____ / _____	_____

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## ONLINE PLAN OF STUDY FORM ATTACHMENT

### PART III: 36 CREDIT REQUIREMENT FOR ALL MAJORS<sup>1</sup>

Each student is required to successfully complete at least 36 credits of courses that are numbered 2000-level or above in or relating to their major. These courses may also be used to meet other requirements. This group of courses must:

1. Total not less than 36 credits
2. Be numbered 2000 or above
3. Be approved by student's advisor and department head
4. Be taken at the University of Connecticut<sup>2</sup>
5. Include two or more departments
6. Include at least 15 credits from departments in the College of Agriculture, Health and Natural Resources
7. Have a combined Grade Point Average of at least 2.0
8. Not include more than 6 credits (combined) of Independent Study, Internship, or Field Studies (if included, these courses must be taken at the University of Connecticut)
9. Not be taken on Pass/ Fail (P@ / F@)
10. Not include more than 6 credits of Satisfactory/Unsatisfactory (S/U) coursework

Dept.	No.	Credits	Semester/Year	Grade
_____	_____	_____	_____ / _____	_____
_____	_____	_____	_____ / _____	_____
_____	_____	_____	_____ / _____	_____
_____	_____	_____	_____ / _____	_____
_____	_____	_____	_____ / _____	_____
_____	_____	_____	_____ / _____	_____
_____	_____	_____	_____ / _____	_____
_____	_____	_____	_____ / _____	_____
_____	_____	_____	_____ / _____	_____
_____	_____	_____	_____ / _____	_____
_____	_____	_____	_____ / _____	_____
_____	_____	_____	_____ / _____	_____

Dept.	No.	Credits	Semester/Year	Grade
_____	_____	_____	_____ / _____	_____
_____	_____	_____	_____ / _____	_____
_____	_____	_____	_____ / _____	_____
_____	_____	_____	_____ / _____	_____
_____	_____	_____	_____ / _____	_____
_____	_____	_____	_____ / _____	_____
_____	_____	_____	_____ / _____	_____
_____	_____	_____	_____ / _____	_____
_____	_____	_____	_____ / _____	_____
_____	_____	_____	_____ / _____	_____
_____	_____	_____	_____ / _____	_____
_____	_____	_____	_____ / _____	_____

Credits from departments in CAHNR (15 required): \_\_\_\_\_

(CAHNR subject codes include AHNR, AH, ANSC, ARE, DGS, DIET, ENVS, EVST, HORT, KINS, LAND, MLSC, NRE, NUSC, PLSC, PATH, SOIL, SPSS, TURF)

Total Credits in 36 credit group: \_\_\_\_\_

<sup>1</sup>Courses taken on Pass/Fail may NOT be used to meet any requirements.

<sup>2</sup>**Residence Requirement.** It is expected that advanced course work in the major will be completed at the University of Connecticut. However, students may be eligible to use up-to six credits from other institutions in the 36-credit group if approved by their advisor and department head. These credits must be identified as courses comparable to specific University of Connecticut courses and cannot include internships, special topics, or non-specific discipline credits. Transfer students must complete at least 30 credits of 2000-level or higher course work at the University of Connecticut, including at least 15 credits in College of Agriculture, Health and Natural Resources courses.