From: Osborne, Jeanne
To: Smith, Randy

Cc: Violet, Cynthia; Barker, David; Reed, Katie; Gerber, Carri; Klinger, Ellen

**Subject:** Information item for CAA: Establishment of a 1+3 pathway in Entomology at Ohio State ATI

**Date:** Friday, April 12, 2024 11:28:30 AM

Attachments: <u>image001.png</u>

Creation 1+3 Entomology pathway.pdf

Dear Dr. Smith,

Attached please find a proposal for establishment of a 1+3 pathway in Entomology at the College of Food, Agricultural, and Environmental Sciences Agricultural Technical Institute (ATI) at the Wooster Campus. The faculty at ATI and in the Department of Entomology at the Columbus campus, under the leadership of Dr. Carri Gerber, Associate Director, ATI and Dr. Ellen Klinger, Assistant Professor, Entomology have been working to develop this pathway as an identifiable point of entrance to the Entomology major, with the potential to grow enrollment in the Entomology major and provide a recognized educational and career path for students who start their educational career at the Wooster campus.

I have attached the proposal from Ohio State ATI, which includes a sample plan showing the proposed curricular pathway. This proposal has received support from the Ohio State ATI Academic Affairs Committee and the Department of Entomology and is approved by the CFAES Committee on Academic Affairs. Since this is not a proposal for a new major or degree, I believe this pathway can be shared as an informational item to the Council on Academic Affairs. However, if formal approval is needed, I will provide any required additional documentation.

Please let me know if you need additional information or clarification.

Thank you,

Jeanne



# Jeanne M. Osborne | Pronouns: She, Her, Hers

Assistant Dean for Academic Affairs College of Food, Agricultural, and Environmental Sciences 100E Agricultural Administration, 2120 Fyffe Rd. Columbus, OH 43210

Tel: 614-292-1734 Fax: 614-292-1218

e-mail: Osborne.2@osu.edu

'Unexpected kindness is the most powerful, least costly, and most underrated agent of human change' (Bob Kerrey)



1328 Dover Road Wooster, OH 44691-4000

> 330-287-1331 Phone 330-287-1333 Fax

> > ati.osu.edu

March 14, 2024

Ms. Jeanne Osborne Assistant Dean for Academic Affairs 100E Agricultural Administration Building 2120 Fyffe Rd Columbus, OH 43210

THE OHIO STATE UNIVERSITY

Dear Ms. Osborne,

### This letter is a request to establish a 1+3 pathway in Entomology at Ohio State ATI.

#### Rationale

In recent years, students enrolling at Ohio State ATI have expressed interest in pursuing a program of study in Entomology. To help those students achieve their goals, faculty from the Department of Entomology and Ohio State ATI collaborated to develop a plan to lead students to a BS in Entomology. An Entomology faculty member serves as their advisor and students are given permission to enroll in Columbus' Entomology courses such as ENTMLGY 1100.

Students at Ohio State ATI interested in Entomology are supported through existing online ENTMLGY course offerings, the current in-person offering of ENTMLGY 2200, the presence of 8 Entomology faculty members on the Wooster Campus, and the unique resource of the United Titanium Bug Zoo to facilitate a wide variety of courses, training, and in-person experiences.

By officially establishing a 1+3 pathway in Entomology at Ohio State ATI, a program plan will be generated, allowing for students to enroll into a "named" program rather than Undeclared Major.

#### **Projected Interest**

With the establishment of a program plan, Ohio State ATI admissions can officially recruit students in Entomology, continuing students at Ohio State ATI would have an added choice to change majors, and students that are not admissible to the Columbus campus would have an established route to the Department of Entomology through Ohio State ATI. Through this recruitment strategy, we estimate 5 students per year will begin their Entomology studies on the Wooster campus.

If interest and enrollment exceed our goals, a 2+2 program may be considered in the future.

#### **Budgetary Considerations**

Establishing a 1+3 pathway in Entomology at Ohio State ATI will have no negative impact on the budget. This pathway requires no additional faculty. No additional courses are necessary, as the existing coursework for the first-year requirements of the ENTMLGY BS in Agriculture degree can be completed at Ohio State ATI.

(To facilitate enrollment into the Entomology specific orientation course, Wooster will be added as a campus of offering for ENTMLGY 1100.)

## Enclosed please find the following documents:

- Proposed 1 year Entomology curriculum plan at Ohio State ATI highlighted courses
- Advising Four-year curriculum plan (year 1 at Ohio State ATI (highlighted courses) and years 2, 3, and 4 at OSU Columbus Department of Entomology)
- Letter of support from the Department of Entomology

Please let me know if there are questions or if additional information or documentation is required to accompany this submission. We look forward to hearing from the FAES Academic Affairs Committee regarding next steps in the approval process.

Sincerely,

Carri A. Gerber Associate Director

CarrixGerber

Ohio State ATI



#### **Bachelor of Science in Agriculture**

#### Major: Entomology (1+3 ATI) Highlighted courses will be taken at ATI

The entomology major couples a strong background in the biological sciences with in-depth study of insect biology and applied entomology. Students learn insect physiology, behavior, ecology and taxonomy, as well as beekeeping, veterinary and public health entomology, sustainable agriculture, and integrated pest management in agricultural, forest and urban environments. Students in this major will complete a minimum of 121 hours outlined as follows.

General Education Requirements				
Requirement	Course Options	Hours		
GE Seminar	GENED 1201	1		
Writing and Information Literacy	Major requirement: ENGLISH 1110 * (or Student Choice – see below)	3		
Mathematical & Quantitative Reasoning/Data Analysis	Major requirement: <b>MATH 1150</b> * (or Student Choice – see below)	5		
Literary, Visual and Performing Arts	Student Choice	3		
Historical & Cultural Studies	Student Choice	3		
Natural Science	Major requirement: BIOLOGY 1113 * (or Student Choice – see below)	4		
Social & Behavioral Sciences	Major requirement: <b>AEDECON 2001 or ECON 2001.01 *</b> (or Student Choice – see below)	3		
Race, Ethnic and Gender Diversity	Student Choice	3		
Theme: Citizenship for a Diverse & Just World <sup>a</sup>	Student Choice	4-6		
Theme: Student Choice <sup>a</sup>	Student Choice	4-6		
GE Reflection	GENED 4001	1		
General Education Credit Hours: 34-38				

<sup>\*</sup> Indicates a pre/corequisite course for this major that also satisfies this GE category. If a student chooses an alternative course in this GE category, **they must also complete this course**.

B.S. in Agriculture Degree Requirements				
Requirement Course Options Hour				
College & Department Survey	GENSTDS 1201.01T (0.5) & ENTMLGY 1100 (0.5)	1		
Oral Expression	AGRCOMM 3130 or COMM 2110	3		
Additional Science	BIOLOGY 1114	4		
Internship	FAES 3191 & ENTMLGY 4191	1-2		
Minor Equiv. <sup>b</sup>	MATH 1151 Calculus I (5) - or- MATH 1156 Calculus for the Bio. Sci. (5) EEOB 3410 Ecology (4) MOLGEN 4500 General Genetics (3)	12		
	Credit Hours:	21-22		

<sup>&</sup>lt;sup>a</sup> Students complete either a 4-credit course or two 3-credit courses in each of two General Education Theme areas: Citizenship for a Diverse & Just World (required), and the student's choice of available GE Themes. If any major-required courses are identified as a GE Theme course, one course in each GE Theme area may double count in the GE and major hours. Theme courses are identified with a ❖ symbol.

Major Supporting Coursework				
Course	Title	Hours		
CHEM 1210	General Chemistry I	5		
CHEM 1220	General Chemistry II	5		
	Credit H	lours: 10		

	Creat Hours:	10		
Major Couroowark				
Major Coursework Course	Title	Hours		
ENTMLGY 4000	General Entomology	3		
ENTMLGY 4000	General Entomology Laboratory	1		
	Capstone: Problem-Based Studies in Plant			
ENTMLGY 5604	Health	2		
Select one applied en	tomology course:			
ENTMLGY 4601	General Insect Pest Management	2		
ENTMLGY 4607	Veterinary Entomology	2		
ENTMLGY 5110	Ecology and Mgmt. of Pathogens and Insects Affecting Trees in Forest and Urban Environments	2		
ENTMLGY 5605	Vector Biology and Vector-Borne Diseases	3		
ENTMLGY 5608	Turfgrass Insect and Mite Pests – Identification, Biology, and Management	2		
Landscape Ornamental Plant Insect and Mite Pests – Identification, Biology, and Management				
	11 credit hours (9 credit hours at 3000+ level) of Er d entomology options above and/or the following:	ntomology		
ENTMLGY 2101	Insects and Human Affairs: Pests, Plagues, Poisons, and Politics	3		
ENTMLGY 2200	Beekeeping	3		
ENTMLGY 3330 or 4440H	Social Insects or Honors Social Insects	3		
ENTMLGY 4998	Undergraduate Research in Entomology	1-3		
ENTMLGY 4999 or 4999H	Research with Distinction or Honors Research with Distinction	1-3		
ENTMLGY 5001d	Entomological and Environmental Approaches to Fly Fishing	3		
ENTMLGY 5150	Pollinator Biology and Conservation	2		
ENTMLGY 5350.01	Taxonomy and Behavior of Aquatic Invertebrates	3		
ENTMLGY 5490	Insect Behavior: Mechanisms and Function	(		
ENTMLGY 5500	Biological Control of Arthropod Pests	(		
ENTMLGY 5600	NTMLGY 5600 Principles and Applications of Integrated Pest Management			
ENTMLGY 5800	Pesticide Science	;		
Select an additional 1	6-17 crs of major electives (options list on next pag	je)		
	Credit Hours:	36		

Major Open Electives	
, , , , ,	15-20
	36
Major Supporting Courses	10
Degree Requirements & Minor Equiv.	21-22
General Education	34-38

b Students in this program complete a group of courses called a minor equivalent. Declaring an additional minor is not required.

<sup>&</sup>lt;sup>c</sup> A limit of 3 credit hours of 4998, 4999, and/or 4999H combined may be applied towards major hours.

 $<sup>^{\</sup>rm d}$  This course is only offered at the Wooster campus.



#### **Major Electives**

Non-entomology elective course suggestions for students wishing to focus work in one of four tracks: Sustainable Insect Management (1), Insect Ecology and Conservation (2), Insects in Human and Veterinary Medicine (3) and Individualized Insect Studies (4)

Course	Title	Hours	Suggested track
BIOCHEM 4511*	Introduction to Biological Chemistry	4	1,3
CHEM 2310	Introductory Organic Chemistry	4	2,4
CHEM 2510	Organic Chemistry I	4	1,3
CHEM 2520	Organic Chemistry II	4	1,3
CHEM 2540	Organic Chemistry Lab I	2	1,3
CHEM 2550	Organic Chemistry Lab II	2	1,3
ENR 2367	Communicating Environmental and Natural Resources Information	3	1,2,3,4
ENR 3000	Soil Science	3	2,4
ENR 5279	Soil Fertility	3	2,4
HCS 2260	Data Analysis and Interpretation for Decision Making	3	1,2,3,4
HCS 5422**	Biology and Management of Weeds and Invasive Plants	3	2,4
MOLGEN 3436	Introductory Plant Physiology	3	1,3
MOLGEN 4700	Molecular Cell and Developmental Biology	3	1,3
PLNTPTH 3001	General Plant Pathology Lecture	3	2,4
PLNTPTH 3002	General Plant Pathology Lab	2	2,4
PLNTPTH 4597	Contemporary Issues: Pesticides, Genetic Engineering, and the Environment	3	2,4

Review prerequisites

#### Policies and General Requirements for Degree

- A minimum of 121 total credit hours. Remedial coursework (English 1109; EDUTL 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1010; Mathematics 1040, 1050, 1073, 1074, 1075) do not count toward the 121-hour minimum requirement for the BS decree.
- A minimum of 30 semester hours of credit earned through regular course enrollment at this University, and regular course enrollment in the last semester in the College of Food, Agricultural, and Environmental Sciences.
- A cumulative point-hour ratio of at least 2.00 on all coursework completed at The Ohio State University as well as at least a 2.00 in the major.
- If a major-required course or major elective is a GE Theme course, two 3-4 cr courses (no more than one per theme area) is permitted to double count in the GE and major hours. GE Theme courses are indicated with a ❖ symbol.
- Students are encouraged to participate in education abroad opportunities. Consult
  with your advisor for how education abroad credit applies to your degree or
  consider the CFAES Global Option.
- Students must complete a minimum of 40 hours in major/major supporting coursework with at least 12 hours taken from the academic unit(s) offering the major at OSU in the baccalaureate program.
- Courses required in the major (including major supporting courses and major electives) may <u>not</u> be taken pass/non-pass.
- Coursework taken as open electives may include a maximum of 4 credit hours of physical activity courses (all 1139-1197 courses), and a maximum of 4 credit hours of campus music organizations.
- A college maximum of six hours of individual studies courses (x193) can be applied toward graduation; some majors may have a lower maximum.
- Students of CFAES must complete an internship of 1-2 hours as a requirement for degree. Any additional internship credit hours may count towards major hours (consult with your advisor). A college maximum of six hours of internship credit can be applied toward graduation; some majors may have a lower maximum.
- A maximum of three credits of 3488 can be applied toward graduation although some majors may have a lower maximum. A cumulative point-hour ratio of 2.0 is required to register for 3488 credit.
- Credit hours for 4999 ("with Research Distinction") and 4999H ("with Honors Research Distinction") are repeatable to maximum of six hours.
- An application for degree must be submitted online at least two semesters prior to the intended graduation term. Application found at: https://students.cfaes.ohio-state.edu/academics/undergraduate/graduation

#### Policies and General Requirements for Minors/Minor Equivalent

- The minor/minor equivalent must contain a minimum of 12 credit hours distinct from the major and/or additional minors (i.e., if a minor requires more than 12 credit hours, a student is permitted to overlap those hours beyond 12 with the major or with another minor).
- A 2.00 cumulative point-hour ratio is required in the minor/minor equivalent with a minimum C- grade for any course to be listed in the minor or minor equivalent (includes transfer credit).
- For programs requiring a minor: minors should be declared by the time students complete 60 hours.
- A student is permitted to count up to 6 credit-hours of transfer and/or EM credit in the minor or minor equivalent.
- Coursework graded Pass/Non-Pass cannot count in the minor. No more than 3 credit-hours of course work graded S/U may count toward the minor. Maximum of 3 credit-hours of xx93 are allowed to count in the minor.

<sup>\*\*</sup> Prerequisite of HCS 2201/2204 & 2205, or HCS 2202



# 4-Year Course Plan - Highlighted courses will be taken at ATI B.S. in Agriculture Major: Entomology

This model plan of study is presented as a suggested path to graduate in four years. It is intended to be a useful guide; however, each student is unique and should review the Degree Requirements for their catalog year and work with their advisor to develop an individualized course plan that best fits their personal academic background and goals.

NOTE: This sheet should not be used in isolation. To graduate in a timely manner, students must consult their academic advisor on a regular basis.

Freshman Year	Aut	umn Semester		Spring Semester		
Benchmarks	Course/Requirement	Course Name	Hours	Course/Requirement	Course Name	Hours
-Complete Math requirement	GENSTDS 1201.01T	College Orientation	.5	CHEM 1220	General Chemistry II	5
-Complete at least one science -Complete English 1110.01	ENTMLGY 1100	Dept Survey	.5	MATH 1151 a	Calculus I	5
Complete English 1776.61	GE Math: MATH 1150	Precalculus	5	GE WIL: ENGLISH 1110	First-Year English Comp.	3
	GE Nat Sci: BIOLOGY 1113	Biological Sciences: Energy Transfer and Development	4	BIOLOGY 1114	Biological Sciences: Form, Function, Diversity, and Ecology	4
	CHEM 1210	General Chemistry I	5	GENED 1201	GE Launch Seminar	1
<i>H</i> 22						
Hours: 33		Total:	16		Total:	18
Sophomore Year	Aut	umn Semester	***************************************	Spr	ing Semester	
Benchmarks	Course/Requirement	Course Name	Hours	Course/Requirement	Course Name	Hours
-Declare minor	ENTMLGY 4000	General Entomology	3	GE Theme Choice #1 b		3-4
-Complete three science courses by the end of this year	ENTMLGY 4001	General Entomology Lab	1	Applied Entomology Course	See options	2-3
-Begin to consider an internship	GE Hist. & Cultural Studies		3	GE R.E. & G. Diversity		3
location	GE Lit, Vis and Perf Arts		3	AGRCOMM 3130	Oral Expression	3
	GE SBS: AEDECON 2001	Prin. of Food & Res. Econ.	3	Entomology Elective		3-4
	Open Elective		2			
Hours: 63		Total:	15		Total:	15
Junior Year	Autumn Semester		Spring Semester			
Benchmarks	Course/Requirement	Course Name	Hours	Course/Requirement	Course Name	Hours
-Apply to graduate	Entomology Elective		3	ENTMLGY 4191	Internship	2
-Complete internship by end of the summer	MOLGEN 4500	General Genetics	3	FAES 3191	Internship	0
-Half of major hours to be	GE Citizenship #1 b		3-4	Entomology Elective		2-3
completed by the end of the year	EEOB 3410	Ecology	4	Major Elective		3-4
	Major Elective		2-3	Major Elective		3-4
Hours: 92				GE Citizenship #2 <sup>b</sup> (or Open Elective)		3
		Total:	15		Total:	15
Senior Year	Aut	umn Semester		Spring Semester		
Benchmarks	Course/Requirement	Course Name	Hours	Course/Requirement	Course Name	Hours
-Meet graduation requirements -Meet with a Career Services	GE Theme Choice #2 <sup>b</sup> (or Open Elective)		3	Open Elective		3-4
Advisor	Major Elective		3-4	ENTMLGY 5604	Capstone: Problem-Based Studies in Plant Health	2
	Major Elective		3-4	Open Elective		3-4
	Entomology Elective		2-3	Major Elective		3-4
	GENED 4001	GE Reflection Seminar	1	Open Elective		3-4
	Open Elective		3			
		Total:	14		Total:	15
			NA:	nimum total credit hours for	Backeler of Calance Domine.	121

<sup>&</sup>lt;sup>a</sup> One possible course from approved GE list or major requirement that has multiple options, as outlined in corresponding Degree Requirements document.

b Students complete either a 4-credit course or two 3-credit courses in each of two General Education Theme areas: Citizenship for a Diverse & Just World (required), and the student's choice of available GE Themes. If any major-required courses are identified as a GE Theme course, one course in each GE Theme area may double count in the GE and major hours. Theme courses are identified with a \* symbol.

## **4-Year Completion Checklist**

Benchmarks	Freshman Year		Auto	umn Semester		Spring Semester		
Complete at least one science	Bench	marks	Course/Requirement		✓	Course/Requirement		✓
Complete at least one science		Complete Math	GENSTDS 1201.01T					
Complete English   1110.01   1110.			ENTMLGY 1100					
Complete English   1110.01   1110.	П	Complete at least one						
Hours:   Notes:   Notes:   Notes:   Notes:   Sophomore Year   Autumn Semester   Spring Semester   V   Course/Requirement   Course/Requi								
Hours:   Notes:   Notes:   Notes:   Notes:   Sophomore Year   Autumn Semester   Spring Semester   V   Course/Requirement   Course/Requi	П	Complete English						
Sophomore Year Suring Semester  Benchmarks Course/Requirement Complete three science courses by the end of this year Begin to consider an internship location Hours:  Junior Year Benchmarks Course/Requirement Course/Requirement Autumn Semester Spring Semester  Notes: Notes: Notes:  Note		1110.01						
Sophomore Year Suring Semester  Benchmarks Course/Requirement Complete three science courses by the end of this year Begin to consider an internship location Hours:  Junior Year Benchmarks Course/Requirement Course/Requirement Autumn Semester Spring Semester  Notes: Notes: Notes:  Note								<u> </u>
Benchmarks Course/Requirement Complete three science courses by the end of this year begin to consider an internship location Hours: Begin to consider an internship location Hours: Notes: Notes: Notes: Spring Semester  Benchmarks Course/Requirement  Notes: Notes: Notes: Notes: Spring Semester  Course/Requirement  Notes: Notes: Notes: Notes: Spring Semester    Apply to graduate	Hours	:	Notes:			Notes:		
Complete three science courses by the end of this year begin to consider an internship location  Hours: Notes: Notes: Notes:  Junior Year Autumn Semester Spring Semester  Course/Requirement ✓ C	So	ohomore Year	Aut	umn Semester		Spr	ing Semester	T
science courses by the end of this year	Bei	nchmarks	Course/Requirement		$\checkmark$	Course/Requirement		✓
science courses by the end of this year								
the end of this year    Begin to consider an internship location   Notes: Notes: Notes: Spring Semester    Benchmarks		Complete three						
Hours:   Notes:   Notes:   Notes:   Notes:   Notes:   Spring Semester		the end of this year						
Hours:   Notes:   Notes:   Notes:   Notes:   Notes:   Spring Semester		Pogin to consider an						
Junior Year   Autumn Semester   Spring Semester		internship location						
Junior Year   Autumn Semester   Spring Semester	Hours		Natas	<u>L</u>		Natas		<u> </u>
Benchmarks Course/Requirement  Apply to graduate Complete internship by end of the summer Hours: Senior Year Benchmarks Course/Requirement  Autumn Semester  Autumn Semester  Services Advisor  Meet with a Career Services Advisor				umn Samester				
□ Apply to graduate □ Complete internship by end of the summer □ Half of major hours to be completed by the end of the year □ Notes:   Notes: Notes:    **Notes:*  **Note					<b>√</b>			<b>✓</b>
□ Complete internship by end of the summer □ Half of major hours to be completed by the end of the year □ Notes:   Notes: Notes:    **Proposition of the point of the year in the year in the year in the point of the year in the								
by end of the summer  Half of major hours to be completed by the end of the year  Hours:   Notes:   Notes:    Senior Year   Autumn Semester   Spring Semester    Benchmarks   Course/Requirement   ✓ Course/Requirement   ✓    Meet graduation requirements   Meet with a Career Services Advisor   M		Apply to graduate						
□ Half of major hours to be completed by the end of the year Notes:   Notes: Notes:      Notes:   Notes:		Complete internship						
be completed by the end of the year  Notes:  Notes:  Senior Year Autumn Semester Spring Semester  Benchmarks Course/Requirement ✓ Course/Requirement ✓  Meet graduation requirements  Meet with a Career Services Advisor		by end of the summer						
end of the year  Hours: Notes: Notes: Notes: Spring Semester  Benchmarks Course/Requirement ✓ Course/Requirement ✓  Meet graduation requirements  Meet with a Career Services Advisor		Half of major hours to						
Senior Year   Autumn Semester   Spring Semester		end of the year						
Senior Year  Benchmarks Course/Requirement  Meet graduation requirements  Meet with a Career Services Advisor    Meet with a Career Services Advisor   Meet with a Career Services Advi			Notes:			Notes:		
Benchmarks Course/Requirement ✓ Course/Requirement ✓  Meet graduation requirements  Meet with a Career Services Advisor	riours							
☐ Meet graduation requirements ☐ Meet with a Career Services Advisor  Meet with a Career Services Advisor				umn Semester			ing Semester	Ι .
requirements  Meet with a Career Services Advisor	Bei	nchmarks	Course/Requirement		<b>√</b>	Course/Requirement		✓
☐ Meet with a Career Services Advisor		Meet graduation						
Services Advisor		requirements						
Hours: Notes: Notes:		Services Advisor						
Hours: Notes: Notes:								
	Hours	:	Notes:	ii		Notes:		1
		T						
Total credit hours for Bachelor of Science Degree: 121						Total credit hours for	Bachelor of Science Degree:	121

Department of Entomology 216 Kottman Hall 2021 Coffey Rd. Columbus, OH 43210

614-292-9325 Phone 614-292-7162 Fax http://entomology.osu.edu

DATE: April 4, 2023

TO:

FROM: Ellen Klinger, Assistant Professor Professional Practice

RE: Creation of ATI 1+3 Pathway for ENTMLGY

The Entomology department is requesting the creation of a 1+3 Pathway between ATI and the Columbus Campus. We feel that the creation of this program will capture students who are interested in Entomology and have additional interest in the agricultural sciences. Interest has already been evidenced by existing students entering ATI and wishing to study entomology. Their pathway to entomology has insofar been informal, supported by a dedicated faculty advisor for these students. As we are working with this curricular framework currently, having a formal pathway will allow the department to robustly advertise and recruit students through this mechanism

We hope that, through focused recruitment, to gain an enrollment of approximately 5 students per year through ATI, primarily those students interested in the tracks of sustainable insect management or individualized insect studies. Depending upon the interest and enrollment through this program, a 2+2 program will be considered in the future. A future 2+2 program as well as off sequence and remedial student enrollment at ATI is supported well through existing online ETMLGY course offerings, the current in-person ATI offering of ENTMLGY 2200, the presence of 8 faculty members on the Wooster Campus and the unique resource of the United Titanium Bug Zoo to facilitate a wide variety of courses, training and in-person experiences.

Creation of this pathway requires no additional coursework or faculty, as the existing coursework for the first-year requirements of the ENTMLGY BS in Agriculture degree can be completed at ATI. The only adjustment will be the offering of ENTMLGY 1100 specific to the Wooster campus, and/or through online offering. We appreciate the committee's consideration of this program. We are excited to provide this resource to future students and create this relationship between our department and ATI.

Please let me know if there are additional questions or clarifications needed.

Ellen Klinger, Associate Professor Entomology Committee Chair, Entomology Curriculum Committee

ATI-ENTMLGY Faculty Advisor

Ellen & Klinger