



**ENTO & FIVS: Your Curriculum &
Schedule
NSC Summer 2024**



TEXAS A&M UNIVERSITY
Entomology

The ENTO & FIVS Advising Team



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DEPARTMENT OF ENTOMOLOGY



Dr. Craig Coates

**Associate Department Head for Academic
Programs
Associate Dean for Programmatic Success**



**Forensic & Investigative Sciences
Science Emphasis (SCE) & Law Emphasis (LWE)**



Science Emphasis



Crime laboratory and other forensic expertise!

Forensic Science Education Programs Accreditation Commission (FEPAC) accredited program

Careers in toxicology, ballistics, firearms, physical anthropology, behavioral science, patent print processing, crime scene investigation, and so many others!



Professional school

Medical school, forensic nursing, occupational therapy, pharmacy, optometry, veterinary programs, and more!



Graduate programs

Forensic chemistry, toxicology, DNA, entomology, pathology, psychiatry, and more!

SCIENCE EMPHASIS



LOWER LEVEL (FIVL)

Catalog 147

Year 2024-2025

+Department of Entomology
Curricula in Forensic & Investigative Sciences – Science Emphasis Area (FIVS-SCE)

Freshman Year (Lower Level – Major Indicated as FIVL)

1 st Semester	SCH	Grade	Sub	2 nd Semester	SCH	Grade	Sub
FIVS 101 or AGLS 101	1			FIVS 102	1		
FIVS 205	3			BIOL 112	4		
CHEM 119	4			CHEM 120	4		
BIOL 111	4			MATH 142	3		
MATH 140	3			Core Communication (1)	3		
	15				15		

Sophomore Year (Lower Level – Major Indicated as FIVL)

1 st Semester	SCH	Grade	Sub	2 nd Semester	SCH	Grade	Sub
CHEM 257	4			CHEM 258	4		
PHYS 201	4			PHYS 202	4		
Core Communication (1)	3			Language, Philosophy, & Culture	3		
Core U.S. History (1)	3			Core U.S. History (1)	3		
FIVS 282	2						
	16				14		

Students should complete the Upper Level Intent form during the semester in which they are completing the courses in bold (common body of knowledge - CBK - courses) and submit this form to the Academic Advising Office. Students will be required to have a minimum 3.0 cumulative GPR as well as a "C" or better in each of these bolded classes before being eligible to move to the FIVS upper level. Entrance to upper level FIVS is required before a student is able to enroll in the upper-division (300 & 400-level) FIVS courses

SCIENCE EMPHASIS



UPPER LEVEL (FIVS)

Students should complete the Upper Level Intent form during the semester in which they are completing the courses in bold (common body of knowledge - CBK - courses) and submit this form to the Academic Advising Office. Students will be required to have a minimum 3.0 cumulative GPR as well as a "C" or better in each of these bolded classes before being eligible to move to the FIVS upper level. Entrance to upper level FIVS is required before a student is able to enroll in the upper-division (300 & 400-level) FIVS courses

Junior Year							
1 st Semester	SCH	Grade	Sub	2 nd Semester	SCH	Grade	Sub
BICH 410	3			FIVS 481	1		
BICH 412	1			FIVS 401 or FIVS 431 & 432	3-4		
FIVS 308 (W)	4			BICH 411	3		
CHEM 315	3			FIVS 422 (W)	3		
CHEM 318	1			Core Political Science (1)	3		
Creative Arts (1)	3			Directed elective (2)	2		
	15				15-16		

Senior Year							
1 st Semester	SCH	Grade	Sub	2 nd Semester	SCH	Grade	Sub
FIVS 484 or 491	2			FIVS 415	3		
FIVS 316	4			FIVS 435	3		
Core Political Science (1)	3			STAT 302	3		
Directed elective (2)	3			Social & Behavioral Science (1)	3		
Directed elective (2)	3			General elective	2-3		
	15				14-15		

Total Hours Required for the Degree 120

Notes:

- To be selected from the University Core Curriculum and in consultation with student's academic advisor in the department. Six hours of international and cultural diversity courses are also required; these courses may fulfill other degree requirements as well.
- The directed electives must be selected in consultation with the student's advisor based on career and educational goals and from the current list of approved electives published by the department and included on this worksheet.

Additional Requirements for Baccalaureate Degree

Foreign language (2 yrs same language in HS, 1 yr college)
Writing Intensive Course (2 courses designated W in major)

International and Cultural Diversity Course (3 credit hours)
Cultural Discourse Course (3 credit hours)

Students must meet University Residency Requirement for Graduation of 36 credit hours at the 300/400-level
Students are required to earn a "C" or better in all courses required within this degree program

Directed Electives for the Science Emphasis Area:

ANSC 326/FSTC 326, ANTH 225, ANTH 425, ANTH 427; BIOL 213, BIOL 319, BIOL 320, BIOL 351, BIOL 413, BIOL 430, BIOL 454; CHEM 318, CHEM 325, CHEM 326, CHEM 327, CHEM 328, CHEM 362, CHEM 415, CHEM 434; ENTO 210, ENTO 403, ENTO 423, ENTO 426/VIBS 426, ENTO 428, ENTO 429, ENTO 441, ENTO 442; FIVS 200-499; GENE 412, GENE 420/BICH 420; PHLT 300-499; PHYS 221, PBSI 305, PBSI 306, PBSI 371; SCSC 301, SOCI 304; VIBS 305, VTPB 405, VTPP 425.



Law Emphasis



Forensic and investigative careers

Crime scene investigation, police academy, attorneys, advocates, policy and government positions, and more!



Professional school

Law school, nursing school



Graduate programs

Forensic entomology, psychology, sociology, criminal justice

PRE-LAW EMPHASIS



LOWER LEVEL (FIVL)

Catalog 147

Year 2024-2025

Department of Entomology
Curricula in Forensic & Investigative Sciences – Pre-Law Emphasis Area (FIVS-LWE)

Freshman Year (Lower Level – Major Indicated as FIVL)

1 st Semester	SCH	Grade	Sub	2 nd Semester	SCH	Grade	Sub
FIVS 101 or AGLS 101 - FYE	1			BIOL 112	4		
BIOL 111	4			MATH 142 or PHIL 240	3		
FIVS 205 – Introduction	3			FIVS 102 – FYE	1		
MATH 140	3			Core U.S. History (1)	3		
Core Communication (1)	3			Core Communication (1)	3		
	14				14		

Sophomore Year (Lower Level – Major Indicated as FIVL)

1 st Semester	SCH	Grade	Sub	2 nd Semester	SCH	Grade	Sub
FIVS 215 – Forensic Microscopy	3			CHEM 222	3		
CHEM 119	4			FIVS 220 – Impression Evidence	3		
FIVS 210 – Forensic Photography	3			Core U.S. History (1)	3		
FIVS 282 – Professional Development	2			Social & Behavioral Science (1)	3		
Core Political Science (1)	3			Core Political Science (1)	3		
	15				15		

Students should complete the Upper Level Intent form during the semester in which they are completing the courses in bold (common body of knowledge - CBK - courses) and submit this form to the Academic Advising Office. Students will be required to have a minimum 2.0 cumulative GPR as well as a "C" or better in each of these bolded classes before being eligible to move to the FIVS upper level. Entrance to upper level FIVS is required before a student is able to enroll in the upper-division (300 & 400-level) FIVS courses

PRE-LAW EMPHASIS



UPPER LEVEL (FIVS)

Students should complete the Upper Level Intent form during the semester in which they are completing the courses in bold (common body of knowledge - CBK - courses) and submit this form to the Academic Advising Office. Students will be required to have a minimum 2.0 cumulative GPR as well as a "C" or better in each of these bolded classes before being eligible to move to the FIVS upper level. Entrance to upper level FIVS is required before a student is able to enroll in the upper-division (300 & 400-level) FIVS courses

Junior Year

1 st Semester	SCH	Grade	Sub	2 nd Semester	SCH	Grade	Sub
FIVS 308 – Inheritance (W)	4			FIVS 481 – Seminar	1		
STAT 303	3			BICH 303	3		
Language, Philosophy, & Culture (1)	3			FIVS 422 – CSI (W)	3		
Directed elective (2)	3			Directed elective (2)	3		
Directed elective (2)	3			Directed elective (2)	3		
				Directed elective (2)	3		
	16				16		

Senior Year

1 st Semester	SCH	Grade	Sub	2 nd Semester	SCH	Grade	Sub
FIVS 484 or 491 – Internship/Research	2			FIVS 401 or FIVS 405 or FIVS 420 or FIVS 431	2-3		
Creative Arts (1)	3			Directed elective (2)	3		
Directed elective (2)	3			Directed elective (2)	3		
Directed elective (2)	3			Directed elective (2)	3		
Directed elective (2)	3			General elective	3		
				General elective	1-2		
	14				16		

Total Hours Required for the Degree 120

Notes:

- To be selected from the University Core Curriculum and in consultation with student's academic advisor in the department. Six hours of international and cultural diversity courses are also required; these courses may fulfill other degree requirements as well.
- The directed electives must be selected in consultation with the student's advisor based on career and educational goals and from the current list of approved electives published by the department and included on this worksheet.

Additional Requirements for Baccalaureate Degree

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International and Cultural Diversity Course (3 credit hours)
Cultural Discourse Course (3 credit hours)

Students must meet University Residency Requirement for Graduation of 36 credit hours at the 300/400-level
Students are required to earn a "C" or better in all courses required within this degree program

Directed Electives for the Pre-Law Emphasis Area:

AGEC 105, AGEC 315, AGEC 344, AGEC 350, AGEC 429; ECON 202, ECON 203, ECON 323, ECON 420; MGMT 209; PBSI 100-499; POLS 352, POLS 353, POLS 355; RWFM 308, RWFM 436; URPN 361, URPN 401, URPN 450; PHLT 300-499; PHYS 201, PHYS 202; FIVS 401/SCSC 401, FIVS 405/CYBR 405, FIVS 420, FIVS 431/ENTO 431, FIVS 432/ENTO 432; CHEM 237, CHEM 228, CHEM 238; PHIL 100-499; COMM 203, COMM 243, COMM 305, COMM 325, COMM 443; SOCI 200-499; ALED 202, ALED 301, ALED 340, ALED 424, ALED 440; FIVS 289, FIVS 489; GENE 420/BICH 420; HIST 447; RWFM 470; ENTO 200-499.



SELECTING YOUR EMPHASIS

This process is different depending on if you are an incoming freshman or a transfer student.

Upper-Level Admission

To be admitted to your upper level of the FIVS program, you must have completed the following*:

SCE

BIOL 111
BIOL 112
CHEM 119
CHEM 120
MATH 140
MATH 142
FIVS 205
CHEM 257
CHEM 258
PHYS 201
PHYS 202
FIVS 282

LWE

BIOL 111
BIOL 112
CHEM 119
CHEM 222
MATH 140
MATH 142
FIVS 205
FIVS 210
FIVS 215
FIVS 220
FIVS 282

*A grade of C or better is required in all courses.

Minimum Guidelines: SCE



- U1 (freshmen) MUST maintain a 2.75 cumulative GPA
 - ≤ 29 credit hours
- U2, U3, and U4 (sophomores, juniors, and seniors) MUST maintain a 3.0 cumulative GPA
 - ≥ 30 credit hours
- Must enroll AND complete at least one science course per semester with a grade of C or better
- Must complete all coursework on FIVS degree plan with a grade of C or better



Minimum Guidelines: LWE



- Students must maintain a cumulative GPA of 2.0 or better.
- Must complete all coursework on FIVS degree plan with a grade of C or better



Your Schedule - FIVS



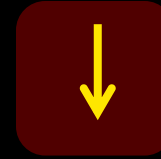
Freshman (Science)

- FIVS 101
- FIVS 205
- CHEM 119
- BIOL 111
- MATH 140



Freshman (Law)

- FIVS 101
- CHEM 119 OR BIOL 111
- MATH 140
- FIVS 205
- Core Curriculum Course



Transfer (either emphasis)

- Highly dependent on your completed coursework
- An advisor will meet with you one on one at your New Student Conference to discuss your options



Entomology



Entomology



What is entomology?

Students in this major will learn broadly about insects and their relationship to humans, the environment, and other organisms.



Strong scientific foundation

Students gain a strong scientific foundation in entomology, biology, chemistry, mathematics, ecology, and biotechnology, coupled with field experiences and lab work, which provides students with practical skills, needed for research or industry careers.



Graduate programs

ENTOMOLOGY DEGREE PLAN



Catalog 147

Year 2024-2025

Department of Entomology Curricula in Entomology

Freshman Year

1 st Semester				2 nd Semester			
SCH	Grade	Sub		SCH	Grade	Sub	
ENTO 101 or AGLS 101	1			CHEM 120	4		
CHEM 119	4			Core U.S. History (1)	3		
ENTO 201	3			MATH 142	3		
MATH 140	3			Core Communication (1)	3		
Core U.S. History (1)	3			ENTO 102	1		
	14				14		

Sophomore Year

1 st Semester				2 nd Semester			
SCH	Grade	Sub		SCH	Grade	Sub	
ENTO 482	2			Core Communication	3		
BIOL 111	4			POLS 207	3		
Organic Chemistry (3)	3			BIOL 112	4		
Social & Behavioral Science (1)	3			Language, Philosophy & Culture (1)	3		
POLS 206	3			Technical elective (2)	3		
	15				16		

Junior Year

1 st Semester				2 nd Semester			
SCH	Grade	Sub		SCH	Grade	Sub	
ENTO 306	4			ENTO 301	4		
Technical elective (2)	3			ENTO 424	3		
Technical elective (2)	3			GENE 301/312	4		
Technical elective (2)	3			ENTO 481	1		
Elective	3			Creative Arts (1)	3		
	16				15		

Senior Year

1 st Semester				2 nd Semester			
SCH	Grade	Sub		SCH	Grade	Sub	
ENTO 428	3			ENTO 435	3		
ENTO 429	1			ENTO 484 or 491	2		
Elective	3			Electives	3		
Electives	3			Technical electives (2)	3		
Technical electives (2)	3			Technical electives (2)	3		
Technical electives (2)	3						
	16				14		

Total Hours Required for the Degree 120

Notes:

- To be selected from the University Core Curriculum and in consultation with student's academic advisor in the department. See the list of approved courses at core.tamu.edu
- Technical electives must be selected in consultation with the student's or from the current list of approved electives published by the department.
- CHEM 222 or 227

Additional Requirements for Baccalaureate Degree

Foreign language (2 yrs same language in HS, 1 yr college)
Writing Intensive Course (2 courses designated W in major)

International and Cultural Diversity Course (3 credit hours)
Cultural Discourse Course (3 credit hours)

Minimum Guidelines: ENTO



- Students must maintain a cumulative GPA of 2.0 or better.



Your Schedule - ENTO



Freshman

- ENTO 101
- ENTO 201
- CHEM 119 or BIOL 111
- MATH 140
- CORE CURRICULUM COURSE



Transfer

- Highly dependent on your completed coursework
- An advisor will meet with you one on one at your New Student Conference to discuss your options

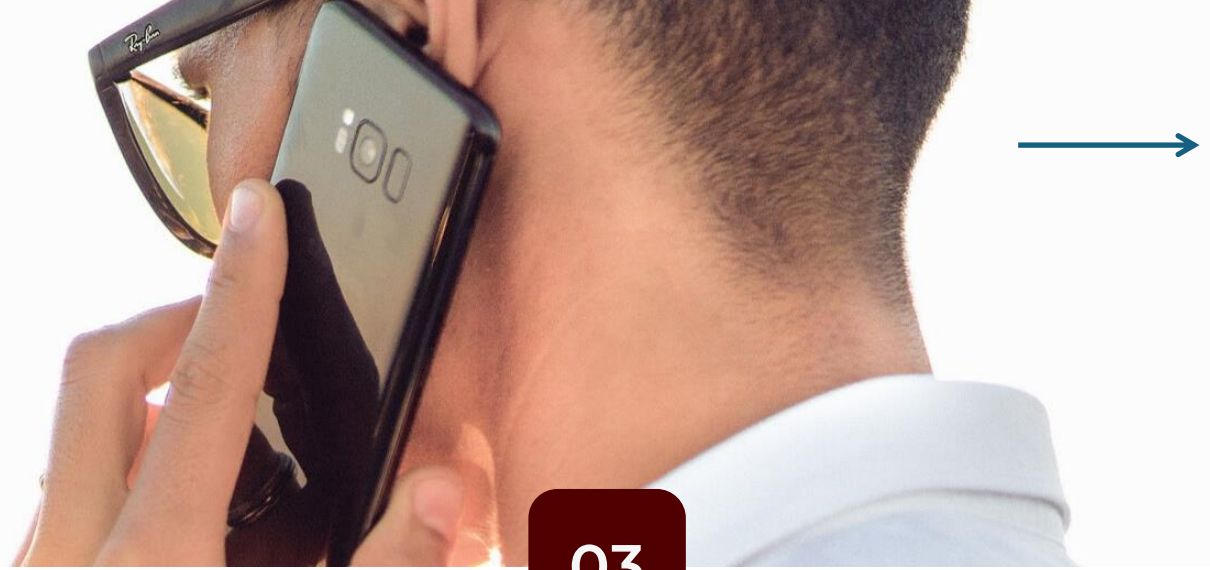
AP/IB Credit, Dual Credit, Transfer Coursework



Please make sure you have sent in updated collegiate transcripts for any college credits to Texas A&M (transfer credit, dual credit from high school, etc).

FRESHMEN: Please **DO** not accept any credit by exam at this time!

Registration Reminders and Tips



01

Registration Readiness Tab in HOWDY

- Make sure you are looking at the **current** semester's tasks.
- Use the zip code of the city **where you will be living** while attending spring classes.
- The **department responsible** for the hold is indicated
- **Overrides** are visible once placed

02

Scholarship and Financial Aid Requirements

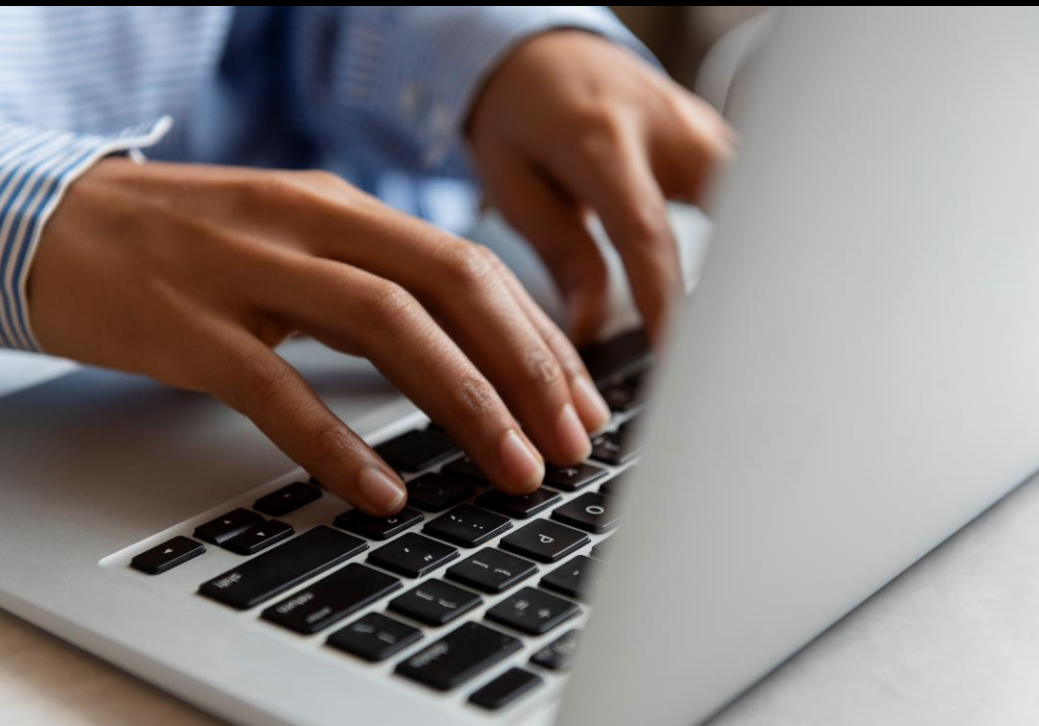
- **Aggie One Stop** is located in the General Services Complex (GSC)
- Learn the **enrollment requirement** for your awards
- Learn what applies to the **30-60-90 rule** for your awards
- Learn about **Courses and Program of Study** Requirements

03

Core Curriculum Course Options

- All options are listed on **core.tamu.edu**
- Some courses may carry **multiple attributes**
- Do **not** accept AP/IB credit right away
- Speak with your advisor about **transferable courses**

Registration Tips



- Registration tutorial videos in Google Classroom – essential for your success!
- Ensure all registration tasks are complete; holds resolved
- Plan your schedule out using:
 - Aggie Schedule Builder
 - List of individual CRNs
- Check the following **BEFORE** picking a section!
 - Prerequisites
 - Restrictions (e.g., sections for CHEM majors only, etc.)
 - Time conflicts
 - Seat availability (if “Avl” says 0 (zero)... the class is **full!**)
 - Make sure you’ve also checked location/restriction... i.e., McAllen
 - Sections M01, 800s, 200s, etc.

The ENTO & FIVS Advising Team



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Eunice



Natalia



Evelyn



Callan



Khara



Kristina



Natalie



David



Laura

Follow us!

KLEBERG ADVISING HUB

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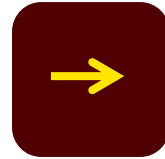
 **NAVIGATE**
FOR APPOINTMENTS



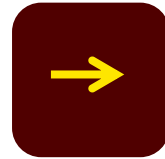
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Now, what?

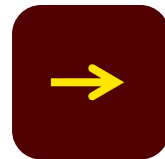


One-on-One Advising to help identify courses to take.



Grab lunch! Build your schedule

West Campus Food Hall next door has dining options if you want to stay on campus



Return to BICH 107 at 2:00 pm

Registration will begin at 2:30 pm.
You will have from 2:00 - 2:30 pm to work on your schedule, ask advisors questions, and meet/interact with your classmates