GRADUATE STUDENT HANDBOOK

Department of Entomology
University of Kentucky

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INTRODUCTION

This handbook summarizes the main policies and procedures of the Graduate School and describes the specific policies of the Department of Entomology Graduate Program.

The Graduate School rules, as outlined in the Graduate Catalog and the Graduate School's guide to Policies and Procedures, apply to all graduate students campus-wide and must be satisfied to obtain a graduate degree from any department at the University of Kentucky. In the case of ambiguity or inconsistency, the Graduate School rules supersede those documented in this handbook. Because Graduate School rules and procedures occasionally change, it is the responsibility of the student to be familiar with the most current rules, procedures, and deadlines of the Graduate School. The student should contact the Director of Graduate Studies for assistance if they are unsure of department or university policies.

It is the responsibility of the Department and its faculty and staff to provide an atmosphere and environment conducive to learning, productive graduate research, and professional development.

The Department of Entomology offers a PhD degree, an MS Plan A degree and an MS Plan B degree. The PhD and the MS Plan A are research-based degrees. The MS Plan B is a coursework-based degree option that includes a practicum in lieu of a thesis. The MS Plan B degree can be pursued in-person or online, although course availability differs for these two modalities. Coursework requirements and the general benchmarks for the three degrees differ.

A broad array of research is conducted by the faculty in the Department of Entomology. Although there are no formal research tracks within the Department, it may be useful for students to communicate with their Advisory Committee about their career goals and their preferred informal areas of specialization, which could include but are not limited to:

Integrated Pest Management
Biological Control
Insect Physiology
Extension Entomology
Urban Entomology
Urban Landscape Entomology
Medical Entomology
Veterinary Entomology
Chemical Ecology
Insect Behavior

Systematics
Insect Ecology
Overwintering Biology
Insect Pathology
Forest Entomology
Molecular Biology
Genomics
Acarology

Evolution
Evolutionary Ecology
Population Genetics
Pollination Biology
Social Insect Behavior
Insect-Plant Interactions
Chemical Ecology
Global Change Biology

APPLICATION AND ADMISSION

Students in our graduate program come from a wide diversity of backgrounds, and have diversity of undergraduate degrees. The department does not require any specific undergraduate major as long as the student's coursework and research preparation aligns with the demands of our graduate program. Admission to the Graduate Program in Entomology is based on the support of a potential faculty mentor (who will become the student's Major Professor) and the recommendation of the Director of Graduate Studies.

Applications must be submitted online to the University of Kentucky Graduate School. Details on the application process are here. The following items must be **submitted electronically as part of that application**: transcripts, TOEFL scores (if applicable), a CV, a two-page statement of interests, an unofficial copy of transcripts, three letters of recommendation, and the application fee. GRE scores are not required for admission. Your two-page statement must discuss (a) your reason for applying to an Entomology graduate program (b) your proposed area(s) of specialization, and (c) which of our faculty members' research programs are of most interest to you, and why. To improve the potential success of your application, it is critical for you to contact prospective faculty mentors before submitting your application.

Minimum admission requirements include an overall undergraduate grade point average (GPA) of 3.0 and an overall graduate GPA of 3.25. Applicants whose native language is not English must have a Test of English as a Foreign Language (TOEFL) minimum score of 79 (TOEFL-iBT). A minimum overall band score of 6.5 on the International English Language Testing System (IELTS) may be used in lieu of a TOEFL score.

Meeting these minimum requirements does not guarantee admission. These minimum requirements exist to ensure students have adequate academic preparation to succeed in our graduate program. However, they may be waived in exceptional cases if sufficient evidence is presented demonstrating the preparation of the student to succeed in our programs. The Graduate Program Committee will be consulted when minimum requirements are not satisfied. Students with significant gaps in preparation may be required to complete additional coursework beyond the basic degree requirements; these scenarios should be discussed prior to applying with the prospective primary advisor.

Admission to the Graduate Program in Entomology does not automatically guarantee financial assistance to the student. Applicants are considered for assistantships/fellowships when applications for admission are reviewed. Applications can be submitted at any time, but later applicants may have a reduced chance of receiving a fellowship or assistantship. Ideally, applications should be submitted prior to February 1 for students planning to enroll for the Fall

Semester, and prior to September 1 for those planning to enroll for Spring Semester.

GRADUATE STUDENT FUNDING AND WORK EXPECTATIONS

Although graduate students pursuing research-based degrees (PhD and MS *plan A*) are often provided a stipend and tuition support (detailed below), the sources of student funds vary: for example, some students are supported by research grants awarded to their primary advisor (their "major professor"), some earn individual merit-based fellowships, some are supported by private industry funds, and some may act as paid Teaching Assistants during their graduate tenure. Many are funded using a combination of approaches. Furthermore, some major professors provide funds for research projects, while some students will need to pursue their own funds to conduct research activities. As a result, the degree duration, structure of student research projects, expectations, and the amount of project flexibility vary significantly across major professors, and even among students mentored by the same major professor. To be admitted to our research-focused degree program and to find an appropriate mentoring fit, students must contact prospective major professors before applying, and discuss research and funding opportunities and expectations (a list of our faculty members is at https://entomology.ca.uky.edu/directory/faculty). Applicants must have the support of at least one of our faculty members before they are admitted for the PhD or *plan A* MS degree programs.

Research Assistantships – In most cases students pursuing research-focused graduate degrees (PhD and MS Plan A) are provided health insurance and a stipend for living expenses through a Research Assistantship (Graduate Research Assistants). Graduate tuition is covered by the department or major professor. Students must maintain a 3.0 GPA to retain their funding, and they are required to pay all other fees not covered by the Department. With the exception of University-approved holidays, graduate students are expected to be engaged in research and/or coursework throughout the year. There is no schedule for accumulation of vacation days. A reasonable amount of leave time may be negotiated between the student and their major professor.

Graduate Research Assistants are part-time employees of the Department. In general, they will work 20 hours per week performing duties as assigned by their major professor. They are expected to work additional hours on their dissertation and thesis research and coursework. Faculty work hard to help students reasonably balance the demands on their work time. Successful graduate work may require working on evenings and weekends. This may be unavoidable particularly in a research context, because animals do not follow the American workday or work week. The departmental philosophy is that consistent, sustained commitment and dedication are essential for graduate student success. An assistantship provides the student with the opportunity to devote his/her full attention to research and study. However, faculty are also aware of the importance of time for rest and recuperation in sustaining a commitment to the graduate program. Graduate students are responsible for talking to their major professors about strategies to balance their work goals with personal goals, how to balance and prioritize deliverables, and how to stay on track toward degree attainment in a reasonable time frame.

The thesis or dissertation is the student's own work. However, the research is almost always consistent with the long-range objective of their major professor's research program. Non-thesis research or participation in activities that enhance the student's educational experience may be

expected. Students are strongly encouraged to discuss the requirements and expectations related to their assistantship with their major professor both prior to accepting their graduate position and throughout their degree progression. The work requirements for a research assistantship are highly varied depending on the source of funds and the needs of the major professor and department, so each student's situation is unique.

Teaching Assistantships – A minority of students are funded through Teaching Assistantships. Recipients assist in teaching, usually as classroom assistants, guest lecturers, laboratory instructors, discussion leaders, and/or graders. Teaching assistants may assist with courses taught in other departments when available. Students interested in teaching opportunities should consult with their major professor. Informal teaching opportunities are also available in the Department for students interested in gaining teaching experience.

Fellowships are awarded to individuals to pursue full-time study toward an advanced degree. Some students are supported by fellowships available from UK or from sources outside the university. Unlike RAs and TAs, there are no specific work requirements assigned by the major professor or other faculty to the fellowship holder, and therefore research project development is often more flexible and independent for the fellowship holder. Notably, fellowships may have reporting or performance requirements set by the funding agencies. Graduate students funded on fellowships still must fulfill the requirements of their degree. Fellowships should be viewed as an opportunity to devote oneself full-time to research, coursework, and professional development.

The UK Graduate School awards a few highly competitive fellowships, normally awarded to students with outstanding test scores, grades, and other criteria such as research experience. The availability, eligibility requirements, nomination and selection process and date of application vary. If the fellowship stipend is not equivalent to a research assistantship stipend, the fellowship may be supplemented within the limits established by the Graduate School.

Students are encouraged to apply for pre-doctoral fellowships available from a range of federal agencies (e.g., the NSF, NIH, and USDA) and foundations. Many of these fellowships are available to current graduate students and often come with research and travel monies in addition to tuition waivers and living expense stipends. Students should consult with their major professor about relevant opportunities.

Research funding – Funds to cover research expenses (e.g., research supplies, equipment, and conference travel funds) come from a variety of sources. In many cases,major professors provide funding through grant money awarded to their laboratories. Students should communicate with their major professor about available funds prior to accepting their graduate position. Students must also communicate with their major professor about the appropriate use of research money and other laboratory resources throughout their tenure. Students are encouraged to pursue outside funding sources beyond what is available through their major professors; this may lead to more flexible use of funds for students.

DEGREE DURATION AND PERFORMANCE EVALUATION

Duration of Assistantships – The Entomology Department does not have a standard guaranteed duration of funding for all students because funding duration depends on the funding mechanism.

Assistantships must be formally renewed each year, and renewal is based on satisfactory student performance. The typical duration of assistantships are as follows:

MS degree Plan A: Assistantships normally will terminate at the end of 2.5 years
PhD degree without previous MS: Assistantships normally terminate at the end of 5 years
PhD degree with prior MS: Assistantships normally terminate at the end of 4 years

Annual review of progress and termination of graduate studies – Assistantships are awarded on a 12-month basis with renewal dependent on the student making satisfactory progress. Academic and research progress will be reviewed by the Advisory Committee. In addition, Major Professors are required to assess student progress annually using the departmental Annual Review of Progress of Graduate Students in Entomology form.

Extension of Assistantships beyond the normative duration may be granted on a semester-by-semester basis by the Major Professor and the Advisory Committee. Such an extension should be supported by satisfactory progress noted on the annual review of progress.

Duration of fellowships – University fellowships are usually awarded for the academic year. Some fellowships are renewable. External fellowships have variable durations set by the funding agency.

Academic probation – Students who are placed on academic probation because of failure to maintain a 3.0 GPA will automatically be placed on probation with respect to their Assistantship. The Assistantship will be terminated if the student is not removed from academic probation after one semester unless extenuating circumstances can be identified by the Major Professor and approved by the DGS.

Students on academic probation who are not official residents of Kentucky forfeit their eligibility for out-of-state tuition scholarships, which means that full out-of-state tuition must be paid by the student until the student is removed from academic probation.

Terminations of graduate studies – Normally, termination of a graduate student's appointment is recommended by the Advisory Committee, reviewed by the Departmental Graduate Program Committee, and acted upon by the DGS. Reasons for termination include:

- Failure of the PhD Qualifying Examination
- Failure the Final Examination for the MS degree or the PhD Degree
- Failure to make satisfactory research progress as determined by the Advisory Committee

ORGANIZATION AND ADMINISTRATION OF GRADUATE STUDIES

Graduate Faculty – Students whose Major Professor is not a Full Member of the Graduate Faculty will need a Full Member to co-chair their Advisory Committee. The Graduate Faculty consists of the Dean of the Graduate School, Associate Deans of the Graduate School, and Full and Associate Graduate Faculty Members.

Graduate Dean – The Dean of the Graduate School is charged with the administration of

university policies relating to graduate studies.

Director of Graduate Studies (DGS) – The DGS is a faculty member in the Entomology Department appointed by the Graduate Dean. He/she administers the rules of the Graduate School as they pertain to the graduate program of the department and serves as a liaison between the Graduate Dean and the faculty and students of the program. Students should consult with the DGS over concerns about course requirements and degree progress requirements. The DGS and Department Chair also serve as resources to handle graduate student concerns and mediate issues between students and faculty members. They will also provide guidance to the student about his or her options. In rare situations, these options may include a mutually agreed upon relocation to a different research program within the Department if the conflict cannot be resolved.

Major Professor – The Major Professor advises the student on course work, chairs the Advisory Committee, and serves as the Thesis or Dissertation Director. Students whose Major Professor is not a Full Member of the Graduate Faculty will need a Full Member to co-chair their Advisory Committee.

Advisory Committee – Each student's program is guided by a Major Professor and an Advisory Committee. The Advisory Committee is selected by the graduate student, in consultation with their Major Professor.

- The committee should be formed and the DGS should be notified of the committee composition by the end of the *first semester* of the student's tenure in the department.
- PhD Advisory Committees should be formalized and registered with the Graduate School during the *first year* of the program, here.
- MS Advisory Committees are registered with the Graduate School when students schedule their Final Exam, here.
- PhD committees must consist of a chair (usually the major professor, but see above) and at least three other individuals. At least three of the committee members must be full members of the Graduate Faculty and at least one committee member must be from a unit other than the Department of Entomology.
- MS committees consist of a chair (usually the major professor, but see above) and at least two other members of the Graduate Faculty. At least one of the three members should be a full member of the Graduate Faculty.

The Advisory Committee will meet at least once per year with the student. The student will present their proposed course work and research plans and progress at these meetings. The Advisory Committee is also responsible for approving students' research proposals and refining research objectives.

For PhD students, the Advisory Committee administers the Qualifying Examination, reads and comments on the dissertation, and administers the Dissertation Defense (final examination). For MS students, the Advisory Committee administers the Final Examination.

REQUIREMENTS AND BENCHMARKS FOR DEGREES

Students must meet the minimum requirements established by the Graduate School (see the Graduate Catalog).

Research Benchmarks

See the Check Sheets, below, for a single-sheet summary of all the milestones students are expected to meet for each of our degrees; PhD, MS-plan A and MS-plan B)

1) **Research proposal:** Students are required to prepare a formal written research proposal encompassing the scope of their thesis or dissertation. This should include a thorough literature review and justification for the research scope, a clear statement of objectives, and materials and methods of the proposed chapters. MS Plan A students should complete this proposal by the end of Year 1, and PhD students by the end of Year 2. Students should allow at least two weeks for the Advisory Committee to review this document before it is discussed during a committee meeting.

2) **Research proposal seminar:** PhD and MS Plan A students must present a 20 to 30-minute proposal seminar to the Department during the semester when the written research proposal is submitted to the Advisory Committee. Advisory Committees for MS Plan B students may also require a proposal seminar.

3) **Exit seminar**: MS Plan A students present a 20–30 min seminar on their degree work, typically during their last semester. PhD students present a 50-minute seminar during their last semester. August graduates will typically present their seminar in the preceding spring. Advisory Committees for MS Plan B students may also require an exit seminar of 20–30 minutes.

4) **Practicum for MS Plan B**. MS Plan B students conduct a research practicum, which requires 3 to 6 credit hours of ENT 780 or ENT 790 (the equivalent of 9-18 hours of effort per week across one or multiple semesters) and a written report. The practicum may consist of data collection in a variety of forms, including library research (e.g., a literature review) or observational and descriptive studies. It may also involve special problems or internship experiences. The content must be agreed upon by the student and Major Professor, and approved by the Advisory Committee. Students should provide a detailed outline of their practicum to their Advisory Committee during their first year.

5) **Written Thesis or Dissertation.** MS Plan A students and PhD students must submit a written thesis (MS) or dissertation (PhD) to the Graduate School after it has been defended by the student and approved by the Advisory Committee. Students should consult with their Advisory Committee early in their degree about the expectations for this document. Published articles may be included in the thesis or dissertation but, if so, students must provide the Advisory Committee an opportunity to review these articles prior to submission for publication.

6) **Archiving data:** All graduate students are required to archive their research data. The DGS will require documentation that this has been completed. If other digital mechanisms have not been verified by the Major Professor, then a CD must be submitted to the DGS. Students are strongly encouraged to discuss data management practices with their major professor at the start of their degree tenure.

7) **Voucher specimens**: A graduate student will be required to place designated and appropriately preserved voucher specimens in a proper collection if such documentation is required by a member of the student's Advisory Committee.

Requirements

Enrollment Requirements

Until coursework is completed, graduate students must be enrolled in 9 graduate credit hours (500 level courses or above) during Fall and Spring semesters to be considered full-time students. Courses below the 500 level may be taken but will not count towards full-time status or towards the other degree requirements. The exception to this is that courses designated "400G" count towards full-time status if taken from a department outside of Entomology. The Graduate School does not require graduate students to register for courses during the summer. Students should consult with their major professor prior to enrolling in summer courses to avoid unexpected tuition charges (summer tuition is not covered by Research or Teaching Assistantships). Further details on enrollment and residency requirements can be found in the online Graduate School Catalog.

Leave of Absence. Enrolled graduate students at the University of Kentucky are required to be continuously enrolled until they complete their degree. Students that need to sit out for one or more semesters must request a leave of absence. Students that sit out for one or more semesters without being approved for a leave of absence will need to complete a new application and pay the application fee to be considered for readmission. Students are not eligible for an assistantship during their leave of absence.

The Graduate Policy on leaves of absence is here. To request a leave of absence, contact the Director of Graduate Studies *prior to the beginning of the semester in question*. International students considering a leave of absence are strongly encouraged to discuss their plans with International Student & Scholar Services prior to making a formal request.

Once coursework is completed, registration and tuition requirements change. Master's students must enroll in zero credit hours of ENT 748 each Fall and Spring semester to be counted as a full-time student. PhD students who have passed their qualifying exams must register for 2 credits of ENT 767 each Fall and Spring semester until the dissertation is completed and successfully defended.

New MS Plan A requirement (students admitted for Spring 2020 and later):
MS (Plan A) students should enroll in ENT 768 (3 credit hours) in two semesters (total of 6 credit hours). These credit hours may be added on top of a regular 9 credit hour semester

Course Requirements

Credit hours:

1. MS (Plan A): 30 credit hours of graduate course work with a GPA of 3.0 or higher. These include:
   a) 6 credit hours of ENT 768.
   b) 24 credits of other graduate coursework. These must include 16 hours in regular courses

(excluding ENT 768, ENT 780, ENT 790). One-half of required coursework hours (at least 12 hours) must be in the major area of study (ENT). One-half of required coursework hours (at least 12 hours) must be at the 600 level or above.

2. MS (Plan B): 30 credit hours of graduate course work with a GPA of 3.0 or higher. These must include 20 hours in regular courses (excluding ENT 780, ENT 790). 15 credit hours must be in ENT. 15 credit hours must be at 600 or 700 level. The practicum must be a minimum of 3 credit hours (of ENT 780 or 790) and a maximum of 6 credit hours.

3. PhD: 36 semester credit hours of graduate course work with a GPA of 3.0 or higher.

All MS students and PhD students must satisfy the following core course requirements:

1. **A course in general entomology.** Students who have not had such a course before enrolling in the Entomology graduate program must take ENT 300 or ENT 500. NOTE: <500 level courses do *not* count toward the 9 credit hours required to be a full-time graduate student.

2. **A graduate course in data analysis.** The most appropriate course will depend on the student's area of interest. Courses that meet this requirement include any STA 500 or 600-level course, PLS 630 (Agri-environmental Experimental Design and Analysis), BIO 520 (Bioinformatics), or BST 535 (Databases and SAS Programming). Other courses may be substituted with approval of the student's Advisory Committee.

3. **ENT 770 Seminar in Entomology, or an equivalent in another department approved by the Advisory Committee**. MS students must take **two** semesters of ENT 770, and PhD students must take **four.** PhD students with an MS in Entomology must take four semesters, unless they took more than two semesters during previous graduate work.

4. **Core Area Courses.** PhD students as well as MS students using the Plan A option must take a minimum of one course from two of the following core areas. MS students using the Plan B option must take a minimum of one course from all three core areas:

Core Area 1: Insect Behavior, Ecology, Evolution and Systematics
ENT 520 Digital Identification: Insects & Their Relatives
ENT 564 Insect Taxonomy
ENT 568 Insect Behavior
ENT 607 Advanced Evolution
ENT 625 Insect-Plant Relationships
ENT 660 Immature Insects
ENT 665 Insect Ecology

Core Area 2: Insect Molecular Biology, Physiology and Genetics
ENT 509 Brains & Buds: Neuroscience of Pollination
ENT 634 Introduction to Insect Physiology and Toxicology
ENT 635 Insect Physiology
ENT 636 Insect Molecular Biology

Core Area 3: Pest Management and Applied Ecology

ENT 530 Integrated Pest Management
ENT 561 Insects Affecting Human and Animal Health
ENT 667 Invasive Species Biology
ENT 630 Urban Entomology
ENT 662 Insect Conservation & Ecosystem Services

PhD requirements

Students must complete the equivalent of two years of residency prior to the qualifying examination and one year of post-qualifying residency. Specifics of these requirements are:

Pre-qualifying exam residency requirement: PhD students must complete 36 credit hours (two years) before their qualifying exam. Students that have obtained a MS degree (from UK or another University) before enrolling in our PhD program can request that their MS degree count for up to 18 credit hours, allowing them to finish their pre-qualifying requirements in two consecutive semesters.

Post-qualifying exam residency requirement: Students are required to enroll in a 2-credit hour course, ENT-767: Dissertation Residency Credit, after successfully completing the qualifying examination. This constitutes full-time enrollment. The student need not be physically present on campus while enrolled for credit after the qualifying examination. Students are required to complete a minimum of two semesters of 767 before they can graduate.

For the PhD degree, additional specific course requirements (beyond the core requirements) are determined by the Advisory Committee.

The student will be expected to have a general knowledge of entomology as well as the broad areas of general biology and statistics (particularly statistical or bioinformatic approaches appropriate to the student's research). The Advisory Committee has the responsibility of verifying that the student has general knowledge in entomological areas, and in those areas identified as areas for particular expertise. This evaluation can be achieved in Advisory Committee meetings with the student, the written qualifying examination, or the oral qualifying examination.

The PhD is conferred upon a candidate who after completing at least three years of graduate work devoted to study of a special field of knowledge, passes a comprehensive examination on his/her dissertation subject, presents a satisfactory dissertation, and shows evidence of scholarly attainment.

Some specific requirements for the PhD degree granted through the Department of Entomology are:

1. Annual Progress Report – All graduate students will meet at least once per year with their major professor for a discussion of the student's progress. The major professor will complete the Annual Review of Progress of Graduate Students in Entomology form, which is submitted to the DGS. The form is here.

2. Qualifying Examination – The qualifying examination must be both written and oral and is

normally taken after the student's fourth semester of full-time graduate work or the equivalent. Students will be tested on their knowledge of general biology, general entomology, and statistics, and in-depth knowledge in the areas of particular expertise identified at the student's first Advisory Committee meeting.

a. The Written Examination. A written examination that precedes (typically two weeks before) the oral examination is required by the Graduate School. The form of the written qualifying examination is determined by the Advisory Committee. Two common formats for the written exam include 1) written questions submitted by each member of the Advisory Committee to the Major Professor, or 2) a grant proposal or a review article. In the case of *written question format*, the examination is monitored by the Major Professor over the course of five days. The requirements for the *grant proposal/review article format* are set by the Advisory Committee.

b. The Oral Examination. The oral examination is scheduled through the Graduate School, with the approval of the DGS, here. The request to schedule the exam must be submitted to the Graduate School at least two weeks prior to the date of the exam. However, students are advised to schedule their exam with their Advisory Committee at least three months prior to the exam date, to avoid scheduling difficulties. The content and length of the oral examination is determined by the advisory committee; students are encouraged to discuss these details with their advisory committee well in advance of the scheduled exam to ensure they have adequate time to prepare.

If the examination is failed, a student may repeat his/her qualifying examination only with the permission of their Advisory Committee, the DGS and the Graduate Dean, and only after a minimum of four months has passed. A second examination must be taken within one year after taking the first examination. A student has no more than two chances to pass a qualifying examination.

3. Dissertation – Each student must present a dissertation that is the result of original research. It must conform to instructions provided by the Graduate School, available here.

4. Presenting the Dissertation and Final Examination. Procedures for presenting the dissertation to the Advisory Committee and the Graduate School are as follows:

   a. **AT LEAST EIGHT WEEKS** prior to the final examination, the student will submit a Notification of the Intent to Schedule a Final Examination (Notif) form to the Graduate School. The Major Professor must verify with the DGS that the dissertation is sufficiently prepared to merit this action and the DGS must approve the Notif.

   b. The Graduate Dean will appoint an Outside Examiner as a core member of the Advisory Committee. See below regarding copy for Outside Examiner.

   c. The Student will distribute a complete copy of the dissertation to members of the Advisory Committee **AT LEAST TWO WEEKS** prior to the Final Examination. This version of the dissertation must represent the student's best work (only minor changes should be required at this stage).

d. The Final Examination involves primarily a defense of the written dissertation including knowledge of the literature, methods, results, statistics, and conclusions. Additional broad, conceptual, or philosophical questions arising from discussion of the dissertation research and the student's future also are appropriate. Exceptions to this would be further examination of any deficiencies identified during the qualifying examination that may be re-examined here. The Final Examination is conducted by the Advisory Committee plus an Outside Examiner appointed by the Graduate School. The examination is a public event. Any member of the University may attend.

e. The final copy of the dissertation is prepared after the Final Examination is passed. Dissertations must be submitted to the Graduate School within 60 days of the Final Exam. A degree will not be conferred until the Graduate School has received the final dissertation.

PUBLICATION SCHOLARSHIPS

Any graduate student in the Department of Entomology is eligible for a Publication Scholarship. The goal of the Publication Scholarship is to encourage and reward excellence and efficiency. We want to increase the number of graduate student publications that are submitted to and accepted by quality journals before students leave the University of Kentucky. Such timely publication benefits the student in terms of competition for professional positions. In addition, graduate student publications are a criterion upon which our graduate program is assessed. The intent of this scholarship is to reward students, not to cover the costs of publication.

1. The student's **Major Professor** must nominate the student and a specific paper for a scholarship
2. Research reported in the manuscript must be part of an ongoing research project conducted by the graduate student at the University of Kentucky.
3. The student must be the first author on the paper.
4. The scholarships are not available to students who have completed their degrees, or to MS students who have been at the University of Kentucky for more than three years, or to PhD students who have been here for more than five years.

Two types of scholarships are available:

a. **Submission scholarship**: To receive this scholarship a student's manuscript must be submitted to a **refereed scientific** journal. The journal must have a Science Citation Impact Factor equal to or greater than the median Impact Factor in Entomology (1.1 in 2018). The nomination of a substantial research publication submitted to an outlet not covered by Science Citation will be considered on a case by case basis by the Awards Committee based on a brief justification provided by the Major Professor. This justification should be based on the impact of the journal. Please include a copy of a note indicating that the manuscript has been received by the journal editor. **A student may receive only one submission scholarship per degree.** Award $250.

b. **Acceptance scholarship**: To receive this scholarship a student's manuscript must be **accepted by a refereed scientific** journal. A note from an editor indicating that the manuscript is accepted is adequate evidence. A note indicating that the manuscript is accepted pending revisions is not adequate. The journal must meet the same standard that is indicated above for a submission award. A student may receive more than one acceptance scholarship, if adequate funds are available. Award $250.

The student's major professor should submit the nomination to the **Chair**.

ACADEMIC PERFORMANCE, PROBATION, AND TERMINATION

A student's cumulative GPA must be at or above a 3.0 as established by the Graduate School. If a student's GPA drops below 3.0 she/he is placed on probation. Following placement on probation, a student is allowed one semester to achieve a cumulative 3.0 GPA. Enrollment of a graduate student in the Entomology graduate program may be terminated for the following reasons (these

are not the same rules used for assistantship termination):

1. Academic probation for three enrolled semesters.

2. Having failed the final examination for the MS degree or the PhD qualifying examination.

3. Unsatisfactory progress prior to the qualifying examination: Prior to the qualifying examination, the PhD student will meet annually with their Advisory Committee for review of his/her progress, course work, dissertation research, and other areas of professional development. The student will be informed by the Major Professor in writing of specific weaknesses requiring improvement. Those weaknesses considered sufficient for possible termination will be reported to the Graduate School and a time period established for correction and for another evaluation of the student. If a majority of the Advisory Committee agree that the weaknesses have not been corrected by the established time, a recommendation will be made to the Graduate School for termination of the student's enrollment.

4. Unsatisfactory progress after the qualifying examination: After passing the qualifying examination the candidate will meet annually with her/his Advisory Committee or more often if deemed necessary. In a case where the Advisory Committee recommends termination after the qualifying examination has been passed, the student may appeal to the Chair who, in consultation with the Graduate Program Committee, will make the final decision.

FACILITIES

The Department of Entomology has excellent facilities and equipment for graduate research. In general, equipment is under the control of individual faculty members, however, most such equipment is readily shared among faculty members and students. Consideration for the time and property of others and knowledge of operation are essential for fostering cooperative use of facilities and equipment. Use of equipment may be denied to individuals who do not properly care for equipment and space.

GETTING STARTED

- All members of the Department should be familiar with the Departmental Code of Conduct that is posted outside the main office. The primary basis for this document comes from University policies.
- Desk space will be assigned by the Department Chair.
- Keys to appropriate offices and laboratories can be obtained by asking the business office staff in S-225.
- A mailbox is provided for each student in Room S-225A. Students should check their mailbox frequently. The campus address for this mailbox is Department of Entomology, S225 AGN, University of Kentucky, Lexington, KY 40546-0091.
- A department calendar and a list of weekly departmental seminars are available on the department web page. This calendar summarizes important Graduate School dates and

departmental events.

- Departmental list-servs are a primary source of announcements and departmental communications. Students should contact Brian Lauer or stop by his office (S-205) to have their email address added to the departmental list-servs. Students are expected to check their email regularly.
- Departmental seminars are held at 3:30 PM on Thursdays (Cameron Williams Auditorium in the Plant Sciences Building). Seminar guests include visiting scientists, graduate students giving proposal and exit seminars, and career development speakers. All students are expected to attend weekly Department of Entomology seminars and are encouraged to attend seminars related to their subject matter interests given by other departments.

PLACEMENT

Part of the faculty member's responsibility in accepting a graduate student advisee is to assist in placing the student in a position at the completion of the degree program. This assistance is given primarily in the form of recommendations. A student can expect a faculty member reference to give an honest appraisal of the student's academic performance, attitude, work habits, communication skills, grasp of subject matter, capability to conduct independent research, and potential future performance. It is very important for a student to develop positive professional relationships and to establish credibility with the Major Professor and members of the Advisory Committee.

CHECK SHEET - Master's Degree, Plan A

Year 1
- Selection of the Advisory Committee, preferably by the end of the first semester of tenure, and notifying the DGS of the committee composition. At least one member of the Advisory Committee must be a Full Member of the Graduate Faculty
- Completion of student's individual development plan
- Research proposal submitted to Advisory Committee and committee meeting to discuss proposal
- Presentation of research proposal at Departmental Seminar

Correct number of hours/requirements for program (total ≥ 30 graduate credits)
- 12 credit hours must be at 600/700 level (12)
- 12 credit hours must be in the major area (12) and 9 credit hours at the 600 or 700 level.
- 16 credit hours must be in regular courses (16) (e.g., not including ENT 768, ENT 780 or ENT 790).
- Register for ENT 768 (Residence credit for the Master's degree) for two semesters during studies (3 credit hours per semester, two semesters). Additional credits of 768 (more than 6) do not count toward the required 30 graduate credits
- Completion of core courses and seminar requirements listed earlier in this document
- Registration for 0 credits of ENT 748 each Fall and Spring semester *after* completing required coursework. Registration for ENT 748 counts as full-time enrollment.

Preparation for graduation
- Obtain thesis guidelines from the Graduate School (available online).
- Presentation of exit seminar (during final semester; Spring Semester if graduating in August)
- Apply for graduation within 30 days after beginning of semester of expected graduation; 15 days in summer session– Submit Form online to Registrar
- Notify Graduate School of the composition of the Advisory Committee by scheduling the Final Examination here. This must be done **at least two weeks before the examination date**. This should be the same committee previously submitted to the DGS.
- Submit a copy of thesis to Advisory Committee at least two weeks prior to the Final Examination.
- MS Final Examination

After successfully defending thesis
- Archive research data. The DGS will require documentation that this has been completed. If other digital mechanisms have not been verified by the Major Professor, then a CD must be submitted to the DGS.
- Place designated and appropriately preserved voucher specimens in a proper collection if such documentation is required by a member of the student's Advisory Committee.

CHECK SHEET - Master's Degree, Plan B

Year 1

- Selection of the Advisory Committee, preferably by the end of the first semester of tenure, and notifying the DGS of the committee composition. At least one member of the Advisory Committee must be a Full Member of the Graduate Faculty.
- Completion of student's individual development plan.
- Practicum proposal submitted to Advisory Committee and committee meeting to discuss proposal

Correct number of hours/requirements for program (total ≥ 30 graduate credits)

- 1/2 of minimum requirements of credit hours must be at 600/700 level (15)
- 1/2 of minimum course work must be in the major area (ENT) (15)
- 2/3 of minimum requirements of credit hours must be in regular courses (20)
- Completion of core courses and seminar requirements listed earlier in this document

Preparation for graduation

- Apply for graduation within 30 days after beginning of semester of expected graduation; 15 days in summer session – Submit Form online to Registrar
- Submit copy of Practicum report to Advisory Committee at least two weeks prior to the Final Examination.
- Formal request to schedule final examination **at least two weeks before the examination date** – Submit form online to Graduate School here.
- MS Final Examination

Dr. Tonja Fisher is the Director of the Online Plan B MS Program

CHECK SHEET - PhD Degree

Year 1
- Form Advisory Committee. Advisory Committee must consist of at least four Members of the Graduate Faculty (at least three must be Full Members). One or two members of the Advisory Committee should be from outside of Entomology. If the Major Professor is not a Full Member of the Graduate Faculty, then a Co-Major Professor who must be included.
- First meeting with Advisory Committee
- Completion of student's individual development plan
- Written request to DGS for use of MS degree for 1 year of pre-qualifying residence (if applicable)
- Submit written research proposal to Advisory Committee (note some Advisory Committees will have different expectations for timing of written proposal and proposal seminar)

Year 2
- Presentation of research proposal at Departmental seminar
- Completion of course and seminar requirements listed earlier in this document
- Two years residence, pre-qualifying requirement (i.e., physical presence and enrolled full-time, not a "residence course")
- Agree with Advisory Committee about dates for the Qualifying Examination
- Schedule due date for written part of the qualifying examination with Advisory Committee
- Officially schedule oral qualifying examination two weeks (preferably more) prior to exam date with the Graduate School, here.

After passing qualifying exam
- Register for 2 credits of ENT 767 each Fall and Spring semester after the Qualifying Examination is successfully completed up to and including the semester in which you defend your dissertation. You do *not* need to enroll in ENT 767 during the summer, even if you defend your dissertation in the summer.

Preparation for graduation
- Obtain dissertation guidelines from the Graduate School (available online).
- Presentation of exit seminar (during final semester; Spring Semester if graduating in August)
- Application for graduation (here) within 30 days of the beginning of the semester of expected graduation; within 15 days during Summer School.
- Notification to Graduate School of intent to schedule Final Examination (8 weeks prior) – Submit Form here.
- Formal request to schedule final oral examination to Graduate School at least two weeks prior to examination date – Submit Form here.

After successfully defending dissertation
- Archive research data. The DGS will require documentation that data has been archived in an appropriate online repository, or a CD must be submitted to the DGS.
- Place designated and appropriately preserved voucher specimens in a proper collection if such documentation is required by a member of the student's Advisory Committee.

THE FACULTY OF THE DEPARTMENT OF ENTOMOLOGY

https://entomology.ca.uky.edu/directory/faculty

Ricardo Bessin
Stephen Dobson
Zachary DeVries
Julian Dupuis
Tonja Fisher
Charles Fox
David Gonthier
Nate Haan
Kenneth Haynes (Emeritus)
Beryl Jones
Jonathon Larson
John Obrycki (Emeritus)
Subba Reddy Palli
Daniel Potter (Emeritus)
Lynne Rieske-Kinney
Clare Rittschof
Brian Stevenson (Adjunct)
Zainulabeuddin (Zain) Syed
Nicholas Teets
Hannah Tiffin
Raul Villanueva
Zinan Wang
Bruce Webb (Emeritus)
Jennifer White
Caleb Wilson

PREREQUISITE COURSES

ENT 300 General Entomology. (3) Fundamentals of insect biology and relationships among insects, plants, and other organisms; identification of commonly encountered insects. Beneficial and detrimental effects of insects are discussed. Offered in fall only.

or

ENT 500 Fundamentals of Entomology. (4) Students will learn the fundamentals of insect biology, including relationships among insects, plants, and other organisms, and will explore beneficial and detrimental interactions with humans. Students will learn to identify commonly encountered insects and to curate a physical insect collection. Students will undertake a guided independent project allowing for in-depth exploration of an aspect of arthropod biology.

GRADUATE COURSES

ENT 502 Forest Entomology. (3) Lectures primarily address principles and concepts. Laboratories use a hands-on approach to demonstrate insect collecting and identification techniques, ecological concepts and management approaches, and use of reference materials. Offered in fall only.

ENT 509 Brains & Buds: Neuroscience of Pollination. (3) Pollinators have tremendous agricultural and societal value, and to a neuroscientist, they showcase principles of cognition in the real world. Pollinator species present exquisite examples of co-evolution, physiological and dietary specialization, navigation in complex landscapes, collective decision-making processes, and the behavioral consequences of environmental toxins and disease. In this course, we will use pollinator species (honey bees and other insects, as well as vertebrate pollinators) to explore how critical features of pollination intersect at the level of brain function, covering important neuroscience topics including sensory ecology and evolution, neural energetics, mechanisms of addiction and reward, molecular neuroscience, cognition, and learning and memory. Prereq: Students must have at least Junior standing in a life sciences discipline, or permission from instructor.

ENT 520 Digital Identification: Insects and Their Relatives. (3) A study of arthropod identification using digital tools instead of physical curation methods. Phylogenetic relationships and key characteristics are emphasized, along with the translation of Family-level identification to practical interpretation, including pest management and natural-resource education related to North American arthropods.

ENT 530 Integrated Pest Management. (3) Principles of insect damage, populations and distributions. Various types of natural and applied control, including problems of insecticide toxicity, resistance and residues.

ENT 561 Insects Affecting Human and Animal Health. (3) Discussion of arthropod parasites and disease vectors. Topics include an overview of disease transmission and public health, epidemiology, vector biology, important arthropod groups and their control. Prerequisite: 3 credits of basic biology (BIO 103 or BIO 148 or equivalent) or permission of instructor. (Same as BIO/CPH 561.) Offered in fall – odd years.

ENT 563 Parasitology. (4) Protozoan, helminth and arthropod parasites of man and domestic animals, emphasis on etiology, epidemiology, methods of diagnosis, control measures, and life histories. Techniques for host examination and preparation of material for study.

ENT 564 Insect Taxonomy. (4) A study of insect taxonomy including the collection, preparation, and identification of adult insect specimens. Offered in fall – even years.

ENT 568 Insect Behavior. (3) The principles of animal behavior will be stressed using insects as examples. Physiology, mechanisms, behavioral ecology and evolution of insect behavior will be covered.

ENT 574 Advanced Applied Entomology. (4) The objective of this course is to present the student with advanced concepts of applied entomology in a system-specific context. Each week, the insect problems associated with a different commodity/production system will be presented to illustrate a different broadly-based theme. Prerequisite: An introductory entomology course and consent of instructor. Not offered recently.

ENT 595 Entomology Special Topics. (1-4) Special and new courses may be offered under this number.

ENT 606 Conceptual Methods in Ecology and Evolution. (3) This course provides students with hands-on experience in a diverse array of conceptual research techniques used by ecologists and evolutionary biologists. The focus will be on optimization methods used for predicting animal and plant behaviors and life histories, and on methods for assessing population trends and dynamics. Mathematical techniques used will include graphical analyses, matrix algebra, calculus, and computer simulations. The latter part of the course will consist of collaborative modeling projects, in which small groups of students will work with the instructor to address an important contemporary research problem and will report their results in a public talk and a project writeup.Offered by Department of Biology.

ENT 607 Advanced Evolution. (2) This course covers advanced topics in evolution, concentrating on questions central to the understanding of general evolutionary processes. Phenomena occuring both within populations (e.g., selection, inheritance, population subdivision) and between populations (e.g., gene flow, competition) will be addressed. Special attention will be given to modern research approaches and techniques including quantitative genetics, measurement of selection, phylogenetic analyses of comparative data and molecular systematics. Offered by the Department of Biology.

ENT 608 Behavioral Ecology and Life Histories. (2) This course uses an evolutionary approach to examine behavior and life histories. Topics addressed include: the optimality approach, constraints on optimality, kin and group selection, predator and prey behaviors, social and mating behaviors, and life history evolution. Offered by the Department of Biology.

ENT 609 Population and Community Ecology. (3) This course discusses the processes that determine population distributions and dynamics and community structure for both plants and animals. Topics addressed include: population regulation and population stability, community diversity and stability, ecological succession, population interactions (competition, predation, mutualism), coevolution, and the effects of spatial and temporal heterogeneity on population and community patterns. Offered by the Department of Biology.

ENT 625 Insect-Plant Relationships. (3) This course examines the natural history, ecology, and evolution of insect/plant relationships. Topics include mechanisms and theory of plant defense, behavioral and physiological adaptations of herbivorous insects, pollination biology, multitrophic-level interactions, causes of insect outbreaks, and applications to managed ecosystems. Critical reading and discussion of current literature is emphasized. Offered in

Spring – odd years.

ENT 630 Urban Entomology. (4) This course will focus on the identification, biology, behavior, and management of the major arthropod and vertebrate pests in and around residential, commercial, and industrial buildings. Laboratory exercises will include hands-on activities, with emphasis on pest identification and management techniques.

ENT 634 Introduction to Insect Physiology and Toxicology. (3) Introduction Insect Physiology and Toxicology. Students will learn about insect physiological systems, focusing on modifications evolved to make insects the most abundant animal group. Insecticides that target physiological systems, their mode of action, and resistance development will also be covered.

ENT 635 Insect Physiology. (4) Study of insect physiological processes including development, digestion, reproduction, respiration, excretion, hormones and immunity. Opportunity to learn techniques used in insect physiology and molecular biology. Prerequisite: Consent of instructor. Offered in spring – even years.

ENT 636 Insect Molecular Biology. (4) Principles of insect molecular biology. Analysis of insect development, reproduction, behavior, immunity, transgenic insects and insecticide resistance at the molecular level. Hands-on experience with molecular biology techniques. Offered in spring – odd years.

ENT 660 Immature Insects. (3) Bionomics, structure and classification of immature stages of insects; practice in their identification. Lecture, one hour; laboratory, six hours.

ENT 662 Insect Conservation & Ecosystem Services. (3) This course provides an in-depth exploration of concepts, evidence, and current issues surrounding the conservation of insects and their relatives. The semester will be divided roughly into three sections. The first of these covers conservation of declining and/or rare insects. This includes the current evidence related to global insect declines and their causes, management issues for rare and endangered species, and how these intersect with our government, economy, and non-governmental organizations. The second section focuses on the ecology and conservation of ecosystem services that insects provide, like pollination, natural pest suppression, and decomposition. The third phase is integrative and explores the complementarities, tradeoffs, paradigms, and knowledge gaps related to managing habitats and landscapes simultaneously for conservation and ecosystem services.

ENT 665 Insect Ecology. (3) The biotic and physical factors influencing the distribution and abundance of insects and insect populations. Offered in fall – even years.

ENT 667 Invasive Species Biology. (3) This course will examine circumstances that allow introduced species to become invasive, how invasive species threaten our resources, and approaches to minimizing the incidence and impact of invasions. Prerequisite: Graduate standing or consent of instructor. (Same as BIO/ FOR 667.)

ENT 670 Scientific Publishing: Process and Ethics. (2) An introduction to scientific publishing, including types of scientific journals, choosing where to publish, the structure of scientific papers, the peer review process, data management and archiving, post-publication promotion of research, metrics of scientific impact such as impact factors and altmetrics, and publication ethics.

ENT 680 Biological Control. (3) Principles related to the use of arthropods to suppress

populations of arthropod pests and weeds. Includes historical perspective, ecological relationships, and contemporary issues related to the conservation and manipulation of arthropod predators, parasitoids, and herbivores.

ENT 684 Phylogenetic Systematics. (3) Theory and methods of phylogenetic analysis and cladistics will be explained. Applications of phylogenetic analysis, such as historical biogeography, biological classification, and testing of ecological hypotheses will be explored.

ENT 695 Special Topics in Entomology. (1-4) Special and new courses may be offered under this number.

ENT 748 Master's Thesis Research. (0) Half-time to full-time work on thesis. May be repeated to a maximum of six semesters. Prerequisite: All course work toward the degree must be completed.

ENT 757 Qualifying Exam Residency Credit. (2) Residency credit for preparing and taking the qualifying examination. Students may register for one semester of this course in anticipation of completing the qualifying examination during the semester. The course is **not repeatable** and is not required.

ENT 767 Dissertation Residency Credit. (2) Residency credit for dissertation research after the qualifying examination. A minimum of two semesters are required as well **as continuous enrollment (Fall and Spring) until the dissertation is completed and defended**.

ENT 768 Residency Credit for MS Plan A (1-6)

ENT 770 Entomological Seminar. (0-1) Discussion of current research problems in entomology. May be repeated to a maximum of six hours. Offered in fall and spring. Doctoral students take ENT 770 at least four times. MS students take ENT 770 at least 2 times. A special section of ENT 770 is available for students who have a robust teaching experience in an ENT course (see DGS for details). Seminars for credit from other departments may be substituted with Advisory Committee recommendation. After passing the qualifying examination a student may take ENT 770 for 0 credit hours.

ENT 780 Special Problems in Entomology and Acarology. (2-3) Investigations of chosen insect problems, including original work. Discussion and assignment of current insect subjects**. May be repeated to a maximum of six credits.** Prerequisite: Consent of instructor. Offered in fall and spring.

ENT 790 Research in Entomology and Acarology. (1-6) Independent research in entomology or acarology. **May be repeated to a maximum of 18 hours.** Prerequisite: Consent of instructor.

POST-DOCTORAL SCHOLARS AND FELLOWS

Post-doctoral Scholar:

A Postdoctoral Scholar is an individual who has earned a doctoral degree and is pursuing an individualized program of advanced training in research, teaching, and any important aspects of academic work, or in any combination of these activities for which the University has assumed a measure of responsibility. Although participation in the program provides advanced training, an academic assignment is required as a condition of appointment with salary. A Postdoctoral has status both as a temporary academic staff employee and as a Postdoctoral student.

Post-doctoral Fellow:

A Postdoctoral Fellow is an individual who has earned a doctoral degree and is a recipient of a fellowship or training award. Through such an award a fellow receives a stipend of living allowance (neither of which are considered salary) from grant funds provided specifically for a particular field of study.

Post-Doctoral Scholars & Fellows appointment paperwork will be completed by the Departmental HR Administrator. Additional information is available in the Administrative Regulations.

LEAVE

Graduate student Leaves of Absence are discussed above.

Vacation Allowances – Post-doctoral Scholars

15 days of vacation leave shall be credited annually to the Post-doctoral Scholar on the first day of the fiscal year. If a Post-doctoral Scholar starts in the middle of the fiscal year, the days will be prorated. With prior administrative approval, Post-doctoral Scholars can only take vacation leave during the period in which they are eligible to take such leave. Vacation leave, if used, shall be taken in the assignment period in which it is credited, or the vacation leave shall be forfeited.

Temporary Disability Leave

Temporary Disability Leave (TDL) is available for regular staff with a full-time equivalent (FTE) of 0.5 or greater, and Postdoctoral Scholars. The intent of this policy is to provide leave for employees who have an illness or injury which prevents them from performing their jobs on a temporary basis, or to care for eligible family members within the guidelines of HR TDL Policy 82.0. Contact UK Human Resources for details.

Temporary Disability Leave (TDL) or sick leave often cannot be approved in advance if it is directly related to the employee's health. However, it should still be documented.

Note: Post-doctoral Scholar leave is not currently entered into SAP. It is the responsibility of the Faculty member sponsoring the Postdoctoral Scholar to keep track of time used and communicate with the Department HR Administrator when leave requests are submitted for tracking purposes. Post-doctoral Scholars are to fill out IRIS/Absence Record for any type leave request. Contact your Department HR Administrator for a copy of the IRIS/Absence Record form.

IMPORTANT INFORMATION

Entomology Address

Department of Entomology
S-225 Agriculture Science Center North
University of Kentucky
(add 1100 S Limestone for overnight shipments)
Lexington, KY 40546-0091
Phone: 859-257-7450 Departmental Fax: 859-233-1120

Department Chair, Dr. S. Reddy Palli, rpalli@uky.edu, 859-257-7450

Director of Graduate Studies, Dr. Charles Fox, cfox@uky.edu, 859-257-7474

Director of Online Plan B Masters, Dr. Tonja Fisher, tonja.fisher@uky.edu, 859-563-2563

Front Office Support Related to Graduate Studies, Jessica Alkenbrack, jessica.vanerden@uky.edu, 859-257-7450

IT Support, Brian Lauer, brian.lauer@uky.edu

Department Calendar
https://calendar.google.com/calendar/embed?src=qapis63p79rnt58pt7n12h8o6g@group.calendar.google.com&pli=1

Weekly Seminar Schedule
https://docs.google.com/document/d/1DajtgSILmm8qAOq5FqHuNvZTkoKCECYkLBIlBXs5KGs/edit

The Graduate School http://gradschool.uky.edu/

Building Maintenance Emergency (e.g., broken water lines): 859-257-3844

Institutional Equity and Equal Opportunity Office: 859-257-8927

Mental Health and Crisis Support: 859-218-7227, https://studentsuccess.uky.edu/get-help
TRACS office for walk-in help: 3rd floor, East Wing of the Gatton Student Center

UK Counseling Center: Walk-in 106 Frazee Hall or call 859-257-8701
https://www.uky.edu/counselingcenter/

University Health Services: 859- 323-2778
https://ukhealthcare.uky.edu/university-health-service/student-health

Student Behavioral Health Clinic: (859) 323-5511

Office for Institutional Diversity: (859) 257-8927, https://oid.uky.edu/

Laboratory Safety: https://ehs.uky.edu/ohs/labsafe.php

All Emergencies: 911 **Police For Non-emergencies:** (859) 257-1616