

Ph.D. STUDENT TRACKING FORM
Department of Entomology and Plant Pathology
University of Tennessee, Knoxville

Name: _____ Student ID: _____

First Middle Last

Degree: _____

Concentration: _____

Major Professor: _____

Advisory Committee members and their departments:

Entry (semester/year): _____ Target Graduation (semester/year): _____

Ph.D. STUDENT PROGRAM CHECKLIST

****Always invite Department Head and/or Director of Graduate Studies or their Designee to Committee Meetings**
Based on whether you started in Fall, Spring, or Summer semester, the sequence of semesters may be in a different order. All Ph.D. students are allowed six academic semesters (Fall and Spring) and three summer sessions.

First Academic Semester

International students must visit Student Health Services and Center for International Education (CIE) before reporting to the department.

Task	Date of completion:
All students must report to the Business Manager (K. Campbell) to complete Human Resources paperwork upon arrival at UT	
First meeting with major professor	
Develop first semester's coursework (including deficiencies and prerequisites)	
Attend graduate student orientation (http://gradschool.utk.edu/orientation)	
Form and hold first advisory committee (before first semester finals)**	
Remaining coursework, approved and attached to evaluation	
Submit written proposal to committee for approval of proposed research project	
Complete UT certification training on Responsible Conduct in Research . Select UT Institute of Agriculture as your organization (from the dropdown list) and complete the RCR FOR NON-ENGINEERS training modules.	
Complete Chemical Safety Training	
Complete UT Research specific certification training (committee decision):	
iMedRIS (human subjects research, such as surveys)	
IACUC (work with animals)	
Biosafety (Level-2 if you work with certain microorganisms, i.e. plant pathogens or entomopathogens transported from another state or country, or foodborne pathogens)	
Blood-borne pathogens (work with certain microorganisms)	

Major Professor: _____ Student: _____
Signature *Signature*

Second Academic Semester

Schedule and present Ph.D. proposal seminar (EPP 640 credit 1 hour)
Schedule and convene committee meeting to discuss progress**

Major Professor: _____ Student: _____
Signature *Signature*

Summer Semester (first year)

Ph.D. students should concentrate on research project

Third Academic Semester

Schedule and convene a committee meeting to discuss progress**

Renew UT Research specific certification training, specifically Chemical Safety, Biosafety, iMedRIS, IACUC, Blood-borne Pathogens

Major Professor: _____ Student: _____
Signature Signature

Fourth Academic Semester

Schedule and convene a committee meeting to discuss progress**

Schedule and complete preliminary and written oral exams (must be done by the end of the next to last semester)

Major Professor: _____ Student: _____
Signature Signature

Summer Semester (second year)

Ph.D. students should concentrate on research project

Fifth Academic Semester – *Note: Deadlines for forms to be submitted to the Graduate School must be met.*

Schedule and convene a committee meeting to discuss progress**

Submit [Admission to Candidacy Application](#)

Submit [Doctoral Committee Appointment form](#)

Attend [Dissertation workshop](#)

Submit [Graduation Application](#)

Renew UT Research specific certification training, specifically Chemical Safety, Biosafety, iMedRIS, IACUC, Blood-borne Pathogens

Major Professor: _____ Student: _____
Signature Signature

Summer Semester (third year, if needed)

Ph.D. students should concentrate on research project

Final Semester of Graduation

Submit evidence of acceptance of one refereed journal article in English

Submit draft of dissertation online for preliminary review by Dissertation Consultant

Submit [Scheduling of Defense of Dissertation form](#)

Schedule Ph.D. dissertation defense

Submit dissertation to committee members and Department Head 2 weeks prior to defense

Give final exit seminar (EPP 640 credit 1 hour); should be given during the preceding academic semester if you are graduating in summer session)

Defend your dissertation (oral examination)

Submit final dissertation (approved and accepted by Dissertation Consultant)

Pay graduation fee at Bursar's Office

Submit [Report of Final Examination](#) (Pass/Fail) form

Submit [Dissertation Approval](#) form

Verify removal of incompletes and NR grades

Graduate Hooding Ceremony register at:
<http://gradschool.utk.edu/hooding/hoodinginfo.shtml> (optional)

Submit voucher collection, if necessary

Major Professor: _____ Student: _____
Signature *Signature*

Post-Graduation

Schedule an exit interview with Department Head

Schedule exit interview with Environmental, Health and Safety Office and Biosafety Office (if applicable)

Inform your advisor and EPP business manager (K. Campbell) of your final date of employment

Pay all relevant university and departmental fees

Meet with EPP administrative specialist (C. Maguigan) to fill out HR and departmental forms, and return university keys

Name, date and content labels on all freezer stocks, experimental standards, etc.

Clear laboratory bench of containers with solutions/reagents and clean containers

Provide your major professor with data, laboratory notebooks and dissertation files

Clear office desk and lab workspaces

Provide EPP communications specialist (C. Lykins) with alumni contact information

COMMITTEE MEETING

(One committee meeting expected each academic semester)

Date of committee meeting _____

Overall performance of student (check one): Exceeds, Meets, Does Not Meet Expectations

Recommendation (check one): Retain on assistantship; Retain without assistantship; Dismiss

Comments by Major Professor (accomplishments, strengths, weaknesses): Attach additional sheet if needed.

Major advisor: _____ Student: _____
Signature *Signature*

COMMITTEE MEETING

(One committee meeting expected each academic semester)

Date of committee meeting _____

Overall performance of student (check one): Exceeds, Meets, Does Not Meet Expectations

Recommendation (check one): Retain on assistantship; Retain without assistantship; Dismiss

Comments by Major Professor (accomplishments, strengths, weaknesses): Attach additional sheet if needed.

Major advisor: _____ Student: _____
Signature *Signature*

COMMITTEE MEETING

(One committee meeting expected each academic semester)

Date of committee meeting _____

Overall performance of student (check one): Exceeds, Meets, Does Not Meet Expectations

Recommendation (check one): Retain on assistantship; Retain without assistantship; Dismiss

Comments by Major Professor (accomplishments, strengths, weaknesses): Attach additional sheet if needed.

Major advisor: _____ Student: _____
Signature *Signature*

COMMITTEE MEETING

(One committee meeting expected each academic semester)

Date of committee meeting _____

Overall performance of student (check one): **Exceeds**, **Meets**, **Does Not Meet Expectations**

Recommendation (check one): **Retain on assistantship**; **Retain without assistantship**; **Dismiss**

Comments by Major Professor (accomplishments, strengths, weaknesses): Attach additional sheet if needed.

Major advisor: _____ Student: _____
Signature *Signature*

COMMITTEE MEETING

(One committee meeting expected each academic semester)

Date of committee meeting _____

Overall performance of student (check one): **Exceeds**, **Meets**, **Does Not Meet Expectations**

Recommendation (check one): **Retain on assistantship**; **Retain without assistantship**; **Dismiss**

Comments by Major Professor (accomplishments, strengths, weaknesses): Attach additional sheet if needed.

Major advisor: _____ Student: _____
Signature *Signature*

COMMITTEE MEETING

(One committee meeting expected each academic semester)

Date of committee meeting _____

Overall performance of student (check one): Exceeds, Meets, Does Not Meet Expectations

Recommendation (check one): Retain on assistantship; Retain without assistantship; Dismiss

Comments by Major Professor (accomplishments, strengths, weaknesses): Attach additional sheet if needed.

Major advisor: _____ Student: _____
Signature *Signature*

Ph.D. Concentration I: Biodiversity and Ecosystem Resilience

The following courses are required for students with a concentration in Biodiversity and Ecosystem Resilience. The degree requires 48 credit hours, of which 24 credit hours are EPP 600. When dissertation hours (EPP 600) are started, a minimum of 3 credit hours must be taken each subsequent semester (including summer) until graduation. Students with prior course work and/or experience may petition the faculty approved to direct doctoral students for an exemption(s) or course substitution. An exemption may be granted by majority vote on the basis of documentary evidence, or written and/or oral exams. Course exemptions do not affect the total number of credit hours required.

Required: EPP 600 – 24 credit hours

EPP 620 – Biodiversity Analysis for Ecosystem Sustainability and Resilience (3)

EPP 675 - Scientific Writing and Grantsmanship (3)

EPP 640 – Seminar (2 semesters for 1 credit each)

Advanced quantitative methods course of your choice (3)

Required: (Six credit hours selected from the list below based on program direction)

EPP 505 – Mycology (3)

EPP 514 – Phytobacteriology (3) - currently not being taught

EPP 520 – Nematology (3)

EPP 528 – Molecular Methods in Entomology, Nematology, and Plant Pathology (3)

EPP 548 – Taxonomy of Adult Entomology (3)

EPP 551 – Biological Control (3)

EPP 552 – Insect Morphology (3)

Electives (Seven credit hours of elective coursework selected from within or outside EPP; examples are provided below. *The list is not all-inclusive, as the course needs of individual student programs vary.*)

EEB 509 – Ecology (3)

EPP 512 – Soilborne Plant Pathogens (3)

ESS 516 – Soil Biology and Biochemistry (3)

Course	Course Title	Hours	Grade
First Academic Semester Fall Spring _____ Year			
Second Academic Semester Fall Spring _____ Year			
EPP 640	Seminar	1	
Summer Semester _____ Year			
Third Academic Semester Fall Spring _____ Year			
Fourth Academic Semester Fall Spring _____ Year			
Fourth Academic Semester Fall Spring _____ Year			
Summer Semester _____ Year			
Fifth Academic Semester Fall Spring _____ Year			
Sixth Academic Semester Fall Spring _____ Year			
Summer Semester _____ Year			

Course Credit Check. Please enter the number of credit hours earned in each semester

	1 st	2 nd	Summer 1	3 rd	4 th	Summer 2	5 th	6 th	Summer 3	Total
Seminar (2 hr)		1						1		2
EPP 600 Dissertation (24 hr required)										24
Courses (≥ 22 hr)										
Total (≥ 48 hr)										

Professional Skills	Date of Completion
Academic Outreach	
Extension	
Leadership/Service	
Mentoring	
Teaching	
Other	
Other	
Other	

Student Signature _____ Date _____

Major Professor's Signature _____ Date _____

Graduate Director's Signature _____ Date _____

Department Head's Signature _____ Date _____

Ph.D. Concentration II: Bioinformatics, Genomics, and Molecular Interactions

The following courses are required for students with a concentration in Bioinformatics, Genomics, and Molecular Interactions. The degree requires 48 credit hours, of which 24 credit hours are EPP 600. When dissertation hours (EPP 600) are started, a minimum of 3 credit hours must be taken each subsequent semester (including summer) until graduation. Students with prior course work and/or experience may petition the faculty approved to direct doctoral students for an exemption(s) or course substitution. An exemption may be granted by majority vote on the basis of documentary evidence, or written and/or oral exams. *Course exemptions do not affect the total number of credit hours required.*

Required: EPP 600 – 24 credit hours

- EPP 622 – Bioinformatics Applications (3)
- EPP 675 – Scientific Writing and Grantsmanship (3)
- EPP 640 – Seminar (2 semesters for 1 credit each)
- Advanced quantitative methods course (3)

Required (Six credit hours selected from the list below based on program direction):

- EPP 515 – Physiology of Plant Disease (3)
- EPP 521 – Plant Virology (3)
- EPP 528 – Molecular Techniques in Entomology, Nematology, and Plant Pathology (3)
- EPP 561 – Insect Physiology (3)

Electives (Seven credit hours of elective coursework from within or outside EPP; examples are provided below. *This list is not all-inclusive, as the course needs of individual student programs vary.*)

- ANSC 675 – Statistical Genomics (3)
- BCMB 510 – Computational Structural Biochemistry (1)
- BCMB 511 – Advanced Protein Chemistry and Cellular Biology (3)
- BCMB 512 – Advanced Molecular Biology (3)
- BCMB 513 – Advanced Protein Biochemistry and Cell Biology II (3)
- BCMB 517 – Physical Biochemistry (3)
- BCMB 522 – Advanced Plant Physiology I (3)
- BCMB 523 – Advanced Plant Physiology II (3)
- BME 520 – Systems Biology and Complex System Theory (3)
- BME 580 – Computational Cell Biology (3)
- CEM 541 – Cellular and Molecular Basis of Disease (2)
- CEM 542 – Cellular and Molecular Basis of Disease (2)
- ENVE 561 – Climate and Environmental Informatics (3)
- ENVE 655 – Environmental Systems Biology (3)
- LFSC 507 – Programming for Biological Data Analysis (3)
- LFSC 520 – Genome Science and Technology I (4)
- LFSC 521 – Genome Science and Technology II (4)
- MICR 520 – Microbial Pathogenesis (3)
- MICR 540/LFSC 517 – Genomics and Bioinformatics (3)
- PLSC 552 – Plant Biotechnology and Genetics (3)
- PLSC 553 – Introduction to Plant Breeding (3)
- PLSC 554 – Plant Biotechniques (3)
- PLSC 610 – Advanced Plant Genomics (3)
- PLSC 653 – Advanced Plant Breeding (3)

Course	Course Title	Hours	Grade
First Academic Semester Fall Spring _____ Year			
Second Academic Semester Fall Spring _____ Year			
EPP 640	Seminar	1	
Summer Semester _____ Year			
Third Academic Semester Fall Spring _____ Year			
Fourth Academic Semester Fall Spring _____ Year			
Fourth Academic Semester Fall Spring _____ Year			
Summer Semester _____ Year			
Fifth Academic Semester Fall Spring _____ Year			
Sixth Academic Semester Fall Spring _____ Year			
Summer Semester _____ Year			

Course Credit Check. Please enter the number of credit hours earned in each semester

	1 st	2 nd	Summer 1	3 rd	4 th	Summer 2	5 th	6 th	Summer 3	Total
Seminar (2 hr)		1						1		2
EPP 600 Dissertation (24 hr required)										24
Courses (≥ 22 hr)										
Total (≥ 48 hr)										

Professional Skills	Date of Completion
Academic Outreach	
Extension Experience	
Leadership/Service	
Mentoring	
Teaching	
Other	
Other	
Other	

Student Signature _____ Date _____

Major Professor's Signature _____ Date _____

Graduate Director's Signature _____ Date _____

Department Head's Signature _____ Date _____

Ph.D. Concentration III: Organismal Biology and Ecology

The following courses are required for students with a concentration in Organismal Biology and Ecology. The degree requires 48 credit hours, of which 24 credit hours are EPP 600. When dissertation hours (EPP 600) are started, a minimum of 3 credit hours must be taken each subsequent semester (including summer) until graduation. Students with prior course work and/or experience may petition the faculty approved to direct doctoral students for an exemption(s) or course substitution. An exemption may be granted by majority vote on the basis of documentary evidence, or written and/or oral exams. *Course exemptions do not affect the total number of credit hours required.*

Required: EPP 600 – 24 credit hours

EPP 675 – Scientific Writing and Grantsmanship (3)

EPP 640 – Seminar (2 semesters for 1 credit each) Advanced quantitative methods course (3)

Required (Three credit hours selected from the list below based on program direction):

EPP 505 – Mycology (3)

EPP 514 – Phytobacteriology (3) - currently not being taught

EPP 520 – Nematology (3)

EPP 521 – Plant Virology (3)

EPP 523 – Field Crop and Vegetable Entomology (3)

EPP 525 – Medical and Veterinary Entomology (3)

Required (One course selected from the list below based on program direction):

EPP 528 – Molecular Methods in Entomology, Nematology, and Plant Pathology (3)

EPP 551 – Biological Control (3)

EPP 620 – Biodiversity Analysis for Ecosystem Sustainability and Resilience (3)

Electives (10 credit hours of elective coursework selected from within or outside EPP; examples are provided below. *This list is not all-inclusive, as the course needs of individual student programs vary.*)

ANSC 572 – Mixed Linear Statistical Modeling (3)

BSE 555 – GIS and GPS Applications in Biosystems (3)

CEM 503 – Infectious Disease Modeling (2-3)

CEM 504 – Descriptive Applied Epidemiology (3)

CEM 507 – Epidemiology of Vector-borne, Bacterial, and Viral Zoonotic Diseases (2)

CEM 601 – Advanced Epidemiology (3)

CEM 602 – GIS and Geographical Epidemiology (3)

PLSC 561 – Statistics for Biological Research (3)

PLSC 571 – Design and Analysis of Biological Research (3)

EEB 509 – Ecology (3)

EEB 560 – Biometry (3)

EEB 583 – Zoogeography (3)

STAT 573 – Design of Experiments (3)

STAT 578 – Categorical Data Analysis (3)

STAT 579 – Applied Multivariate Methods (3)

WFS 501 – Ecology and Management of Wildlife Health (3)

WFS 545 – Advanced Population Analysis (3)

WFS 546 – Advanced Habitat Analysis (3)

Course	Course Title	Hours	Grade
First Academic Semester Fall Spring _____ Year			
Second Academic Semester Fall Spring _____ Year			
EPP 640	Seminar	1	
Summer Semester _____ Year			
Third Academic Semester Fall Spring _____ Year			
Fourth Academic Semester Fall Spring _____ Year			
Fourth Academic Semester Fall Spring _____ Year			
Summer Semester _____ Year			
Fifth Academic Semester Fall Spring _____ Year			
Sixth Academic Semester Fall Spring _____ Year			
Summer Semester _____ Year			

Course Credit Check. Please enter the number of credit hours earned in each semester

	1 st	2 nd	Summer 1	3 rd	4 th	Summer 2	5 th	6 th	Summer 3	Total
Seminar (2 hr)		1						1		2
EPP 600 Dissertation (24 hr required)										24
Courses (≥ 22 hr)										
Total (≥ 48 hr)										

Professional Skills	Date of Completion
Academic Outreach	
Extension Experience	
Leadership/Service	
Mentoring	
Teaching	
Other	
Other	
Other	

Student Signature _____ Date _____

Major Professor's Signature _____ Date _____

Graduate Director's Signature _____ Date _____

Department Head's Signature _____ Date _____

Ph.D. Concentration IV: Sustainable Disease and Integrated Pest Management Systems

The following courses are required for students with a concentration in Sustainable Disease and Integrated Pest Management Systems. The degree requires 48 credit hours, of which 24 credit hours are EPP 600. When dissertation hours (EPP 600) are started, a minimum of 3 credit hours must be taken each subsequent semester (including summer) until graduation. Students with prior course work and/or experience may petition the faculty approved to direct doctoral students for an exemption(s) or course substitution. An exemption may be granted by majority vote on the basis of documentary evidence, or written and/or oral exams. *Course exemptions do not affect the total number of credit hours required.*

Required: EPP 600 – 24 credit hours

EPP 630 – Advanced Integrated Pest and Pathogen Management
(3) EPP 640 – Seminar (2 semesters for 1 credit each) (2)
EPP 675 – Scientific Writing and Grantsmanship (3)
Advanced quantitative methods course (3) of your
choice

Required (Six credit hours selected from the list below based on program direction)

EPP 505 – Mycology (3)
EPP 508 – Plant Health Diagnostics
(3) EPP 512 – Soilborne Plant
Pathogens (3) EPP 514 –
Phytobacteriology (3)
EPP 520 – Nematology (3)
EPP 521 – Plant Virology (3)
EPP 523 – Field Crop and Vegetable Entomology
(3) EPP 525 – Medical and Veterinary Entomology
(3)
EPP 528 – Molecular Methods in Entomology, Nematology, and Plant Pathology
(3) EPP 530 – Integrated Pest Management (3)
EPP 551 – Biological Control (3)

Electives (Seven credit hours (minimum) of elective coursework selected from within or outside EPP; examples are provided below. *This list is not all-inclusive, as the course needs of individual student programs vary*).

PLSC 515 – Agroecology (3)
FWF 535 – Environmental Impacts to Natural Ecosystems
(3) PLSC 552 – Plant Biotechnology, Genetics and
Breeding (3) BSE 555 – GIS and GPS applications to
Biosystems (3) PLSC 571 – Design and Analysis of
Biological Research (3) ANSC 572 – Mixed Linear
Statistical Modeling (3)
PLSC 634 – Advanced Weed Science Principles (3)

Course	Course Title	Hours	Grade
First Academic Semester Fall Spring _____ Year			
Second Academic Semester Fall Spring _____ Year			
EPP 640	Seminar	1	
Summer Semester _____ Year			
Third Academic Semester Fall Spring _____ Year			
Fourth Academic Semester Fall Spring _____ Year			
Fourth Academic Semester Fall Spring _____ Year			
Summer Semester _____ Year			
Fifth Academic Semester Fall Spring _____ Year			
Sixth Academic Semester Fall Spring _____ Year			
Summer Semester _____ Year			

Course Credit Check. Please enter the number of credit hours earned in each semester

	1st	2nd	Summer 1	3rd	4th	Summer 2	5th	6th	Summer 3	Total
Seminar (2 hr)		1						1		2
EPP 600 Dissertation (24 hr required)										24
Courses (≥ 22 hr)										
Total (≥ 48 hr)										

Professional Skills	Date of Completion
Academic Outreach	
Extension Experience	
Leadership/Service	
Mentoring	
Teaching	
Other	
Other	
Other	

Student Signature _____ Date _____

Major Professor Signature _____ Date _____

Graduate Director Signature _____ Date _____

Department Head Signature _____ Date _____