

# **GRADUATE STUDENT CHECKLIST**

[http://www.biol.sc.edu/Graduate\\_Studies\\_Handbook](http://www.biol.sc.edu/Graduate_Studies_Handbook)

## **Molecular, Cellular, and Developmental Biology (Including Plant Track)**

### **PHD**

Classes\* (60 credits total, 30 if coming in with masters, at least half above 700 level)

- BIOL 711 STRUC/FUNCT NUCLEIC ACID (Year 1, fall)
- BIOL 712 DNA TRANSACT & GENE EXPRSN (Year 1 or 2, spring)
- BIOL 714 ADVANCED CELL BIOLOGY (Year 1, spring)
- BIOL 717 BIOLOGICAL CHEMISTRY I (Year 1, fall)
- BIOL 718 BIOLOGICAL CHEMISTRY II (Year 1, spring)
- BIOL 801/804 JOURNAL CLUB (At least 2 semesters) (Any year, Fall/Spring)
- \*\*BIOL 802 PLANT JOURNAL CLUB (One Credit Hour every semester)
- BIOL 798 RESEARCH IN BIOLOGY
- BIOL 899 DISSERTATION PREPARATION (12 credits total)

Qualifying Exam

- To be completed within your first year (One held at the end of both spring and fall semesters)
- Prep class held each fall semester with Graduate Director Dr. Jerry Hilbish

Committee (>5 members total)

- PI/Advisor (>1)
- Project applicable members, one of which outside your program (>3)\*\*
- Applicable Member outside of Biology Department (>1) (Chemistry, Med School, etc.)\*\*

Committee Meetings

- One per year (Qualifying Exam counts for first year)
- Proposal (Second Year)
- Comprehensive Exam (Third Year)
- Dissertation Defense (Last Semester)

Forms (found at [gradschool.sc.edu/forms](http://gradschool.sc.edu/forms))

- Program of Study (at first committee meeting) (DPOS)
- Doctoral Committee Appointment Request (GS-48/G-DCA)

Teaching

- Must complete GRAD 701 before or during first teaching semester
- Must teach at least 2 full semesters, to be completed at any time during degree program

### **MASTERS**

Classes\* (30 credits total, 15 must be 700 level plus)

- BIOL 711 STRUC/FUNCT NUCLEIC ACID (Year 1, fall)
- BIOL 712 DNA TRANSACT & GENE EXPRSN (Year 1 or 2, spring)
- BIOL 714 ADVANCED CELL BIOLOGY (Year 1 or 2, spring)
- BIOL 717 BIOLOGICAL CHEMISTRY I (Year 1, fall)
- BIOL 718 BIOLOGICAL CHEMISTRY II (Year 1, spring)
- BIOL 798 RESEARCH IN BIOLOGY
- BIOL 799 THESIS PREPARATION (3 credits total, during final semester)

Qualifying Exam

- To be completed within your first year (One held at the end of both spring and fall semesters)
- Prep class held each fall semester with Graduate Director Dr. Jerry Hilbish

Committee (>3 total)

- PI/Advisor (>1)
- Project applicable members (>2)\*\*

Committee Meetings

- One per year (Qualifying Exam counts for first years)
- Thesis Defense (Last Semester)

Forms (found at [gradschool.sc.edu/forms](http://gradschool.sc.edu/forms))

- Program of Study (at first committee meeting) (MPOS)

Teaching

- Must complete GRAD 701 before or during first teaching semester
- Must teach at least 1 full semester, to be completed at any time during degree program

\*Classes may be altered on a case by case basis to enhance relevance to project and degree, as agreed upon by your committee

\*\*Committee members outside of the University of SC must have CV and letter of justification submitted

# GRADUATE STUDENT CHECKLIST

INTEGRATED BIOLOGY (Ecology, Evolution, Physiology, Bioinformatics)  
[http://www.biol.sc.edu/sites/default/files/attached\\_docs/IBGP\\_v2\\_0.pdf](http://www.biol.sc.edu/sites/default/files/attached_docs/IBGP_v2_0.pdf)

## PHD

- Classes\* (60 credits total, 30 if coming in with masters, at least half above 700 level)
  - To be decided by your committee/PI
  - BIOL 798 RESEARCH IN BIOLOGY
  - BIOL 899 DISSERTATION PREPARATION (12 credits total)
- Qualifying Exam
  - To be completed within your first year (One held at the end of both spring and fall semesters)
  - Prep class held each fall semester with Graduate Director Dr. Jerry Hilbish
- Committee (>5 members total)
  - PI/Advisor (>1)
  - Project applicable members, one of which outside your program (>3)\*\*
  - Applicable Member outside of Biology Department (>1) \*\*
- Committee Meetings
  - One per year (Qualifying Exam counts for first years)
  - Proposal (Second Year)
  - Comprehensive Exam (Third Year)
  - Dissertation Defense (Last Semester)
- Forms (found at [gradschool.sc.edu/forms](http://gradschool.sc.edu/forms))
  - Program of Study (at first committee meeting) (DPOS)
  - Doctoral Committee Appointment Request (GS-48/G-DCA)
- Teaching
  - Must complete GRAD 701 before or during first teaching semester
  - Must teach at least 2 full semesters, to be completed at any time during degree program

## MASTERS

- Classes\* (30 credits total, 15 must be 700 level plus)
  - To be decided by your committee/PI
  - BIOL 798 RESEARCH IN BIOLOGY
  - BIOL 799 THESIS PREPARATION (3 credits total, during final semester)
- Qualifying Exam
  - To be completed within your first year (One held at the end of both spring and fall semesters)
  - Prep class held each fall semester with Graduate Director Dr. Jerry Hilbish
- Committee (>3 total)
  - PI/Advisor (>1)
  - Project applicable members (>2)\*\*
- Committee Meetings
  - One per year (Qualifying Exam counts for first years)
  - Thesis Defense (Last Semester)
- Forms (found at [gradschool.sc.edu/forms](http://gradschool.sc.edu/forms))
  - Program of Study (at first committee meeting) (MPOS)
- Teaching
  - Must complete GRAD 701 before or during first teaching semester
  - Must teach at least 1 full semester, to be completed at any time during degree program

\*Classes may be altered on a case by case basis to enhance relevance to project and degree, as agreed upon by your committee

\*\*Committee members outside of the University of SC must have CV and letter of justification submitted