

OVERVIEW OF GENERAL GRADUATE COURSES

GRAD. BIOLOGY COURSE #	COURSE TITLE	CREDITS & GRADE	COURSE DESCRIPTION & NOTES
502FT (PhD) 402FT (MS)	Full-time status	no credit no grade	confers full-time status; must register for <u>each</u> semester (including both summer semesters)
405	TA status	no credit no grade	ALL students must register either RA or TA status <u>each</u> semester
406	RA status	no credit no grade	ALL students must register either RA or TA status <u>each</u> semester
BIO243 (fall)	Topics in Molecular & Cell Biology	1 credit graded	<u>ALL</u> PhD Graduate Students must successfully complete either BIO243 or BIO244
BIO244 (spring)	Topics in Evolutionary Ecology	1 credit graded	<u>ALL</u> PhD Graduate Students must successfully complete either BIO244 or BIO243
BIO253 (fall) BIO254(spring) BIO255(summer)	Rotation Research Credit	1 credit graded	Graduate students completing research rotations (PhD students must complete two rotations - usually during their first year)
BIO260-01 (fall)	Teaching Biology: Pedagogy & Practice	1 credit graded	BIO13L TAs that have not previously passed BIO260-01 <u>must</u> register for this 1 credit course. After students have successfully completed BIO260-01 (grade of B- or better), if assigned to TA BIO13L again - they will only have to participate in portions of the course (not for graded credit - as part of the required prelab prep. they will register for BIO260-02)
BIO260-02 (fall)	Thurs. night Bio13L prep	n/a	ALL BIO13L TAs must register for this class (regardless of how many times they have served as a BIO13L TAs)
BIO0291-01	Graduate Seminar (molec. joint meeting)	no credit satisfactory or unsatisfactory	Members of Group A labs and anyone interested in Molecular and Developmental Biology are invited to attend these weekly meetings.
BIO293(fall) BIO294(spring) Sections -01 through -16	Special Topics (directed readings)	1 credit usually graded satisfactory or unsatisfactory	Directed readings with faculty (each faculty member has an assigned number) Note: PIs can change the name of the course (to be more descriptive for the student's transcripts – such as “BIO293-16 Special Topics: Molecular Nephrology”) by contacting the registrar's office.
BIO295 (fall) BIO296(spring)	MS research credit	1 credit usually graded satisfactory or unsatisfactory	<u>After</u> you have completed your rotation(s) – these credits are for MS <u>research</u> credit (thesis MS students must do at least one rotation, but can do more than one)
BIO297 (fall) BIO298(spring)	PhD research credit	1 credit usually graded satisfactory or unsatisfactory	<u>After</u> completing rotations, but <u>prior</u> to completing qualifying exams (typically through your 5 th semester) these credits are for PhD <u>research</u> credit

full-time students register for these courses **each** semester

Note: Only the “core” graduate level courses are listed above. Each semester additional graduate courses are offered. Please check the course listing for specific semester information.

**Ph.D. & MASTERS THESIS GRADUATE STUDENTS
COURSE REGISTRATION INFORMATION
<http://gradstudy.tufts.edu/> (links to everything “grad”)**

Typical schedule for YEAR #1

fall year 1	spring year 1
<p>BIO502FT (PhD confers full-time status; no grade) BIO402FT (MS confers full-time status; no grade)</p> <p>BIO405=TA status (no grade) OR BIO406=RA status (no grade)</p> <p>BIO253 Graduate Student Research <u>Rotation (fall)</u> (rotation #1; both PhD & MS); 1 credit, graded. Instructor listed: McLaughlin (supervising PIs must send KM the grades for this class at the end of the semester)</p> <p>If TAing BIO13L – enroll in: BIO260-01: Teaching Biology: <u>Pedagogy and Practice</u> (1 credit graded course taken the FIRST time students TA BIO13L)</p> <p>BIO260-02: Teaching Biology: <u>Pedagogy and Practice</u> (all BIO13 TAs MUST enroll; no credit; Thursday prep. meetings)</p> <p>----- (optional)</p> <p>*BIO243 (Topics in Molecular/Cell Biology; letter grade)</p> <p>Classes recommended by entrance committee (must be 100 level or above for graduate credit)</p>	<p>BIO502FT (PhD confers full-time status; no grade) BIO402FT (MS confers full-time status; no grade)</p> <p>BIO405=TA status (no grade) OR BIO406=RA status (no grade)</p> <p>BIO254 Graduate Student Research <u>Rotation (spring)</u> (rotation #2; both PhD & MS) 1 credit, graded. Instructor listed: McLaughlin (supervising PIs must send KM the grades for this class at the end of the semester)</p> <p>----- (optional)</p> <p>*BIO244 (Topics in Evolutionary Ecology; letter grade)</p> <p>Classes recommended by entrance committee (must be 100 level or above for graduate credit)</p>

*At some point during their tenure at Tufts - either BIO243 or BIO244 is required for ALL PhD students

Notes:

- Most students are paid as TAs during the first year in the program (fall/spring semesters) – students do not get academic credit for the TA ; BIO13L TAs must take BIO260-01/BIO260-02 as noted above
- By the end of year #1 - most students begin working in their thesis lab
- Each student is required to give a brief (~15 minute) rotation talk after each rotation project is completed (these are normally scheduled for early September (for spring rotations) and the end of January (for fall rotations) – students are responsible for signing up for a rotation talk.
- All graduate students are expected and encouraged to attend the biology department seminars held on Friday afternoons at 4:00pm (B104); occasionally there are additional seminars held on Mondays (noon) or in the evenings if a guest speaker is invited. Typically coffee/tea/cookies are provided before the seminars and drinks/snacks are provided after the seminars. Seminar schedule is posted at: <http://ase.tufts.edu/biology/seminar/index.asp>

Typical schedule for YEAR #2 (BEFORE qualifying exam)

fall year 2	spring year 2
<p>BIO502FT (PhD confers full-time status; no grade) BIO402FT (MS confers full-time status; no grade)</p> <p>BIO405=TA status (no grade) OR BIO406=RA status (no grade)</p> <p>Once in thesis lab: BIO297 (PhD Graduate Research) BIO295 (Masters Thesis Research) Typically 1 credit; graded course</p> <p>If TAing BIO13L – enroll in: BIO260-01: Teaching Biology: <u>Pedagogy</u> and <u>Practice</u> (1 credit graded course taken the FIRST time students TA BIO13L)</p> <p>BIO260-02: Teaching Biology: <u>Pedagogy</u> and <u>Practice</u> (all BIO13 TAs MUST enroll; no credit; Thursday prep. meetings)</p> <p>----- (optional) Classes recommended by entrance committee (must be 100 level or above for graduate credit)</p>	<p>BIO502FT (PhD confers full-time status; no grade) BIO402FT (MS confers full-time status; no grade)</p> <p>BIO405=TA status (no grade) OR BIO406=RA status (no grade)</p> <p>Once in thesis lab: BIO298 (PhD Graduate Research) BIO296 (Masters Thesis Research) Typically 1 credit; graded course</p> <p>----- (optional) Classes recommended by entrance committee (must be 100 level or above for graduate credit) -----</p> <p align="center">Ph.D. WRITTEN COMPREHENSIVE QUALIFYING EXAM (PART 1)</p>

Notes:

- Most students take part 1 of their qualifying exam in the spring of their second year (May).
- Students present their research for the members of the department during the spring semester (these seminars are usually held on Friday afternoons between 4-5pm; non-rotation talks are 30 minutes/ talk slot for faculty, staff, and student talks). All graduate students are expected and encouraged to attend the biology department seminars held on Friday afternoons at 4:00pm (B104); occasionally there are additional seminars held on Mondays (noon) or in the evenings if a guest speaker is invited.

Typical schedule for YEAR #3

fall year 3	spring year 3 (after passed both parts of qualifying exam)
<p>BIO502FT (PhD confers full-time status; no grade)</p> <p>BIO405=TA status (no grade) OR BIO406=RA status (no grade)</p> <p>If TAing BIO13L – enroll in: BIO260-01: Teaching Biology: <u>Pedagogy and Practice</u> (1 credit graded course taken the FIRST time students TA BIO13L)</p> <p>BIO260-02: Teaching Biology: <u>Pedagogy and Practice</u> (all BIO13 TAs MUST enroll; no credit; Thursday prep. meetings)</p> <p>-----</p> <p style="text-align: center;">PhD ORAL DEFENSE OF STUDENT’S RESEARCH PROPOSAL - QUALIFYING EXAM (PART 2)</p>	<p>BIO502FT (PhD confers full-time status; no grade)</p> <p>BIO405=TA status (no grade) OR BIO406=RA status (no grade)</p> <p>-----</p>

Notes:

- Students are expected to take part 2 of their qualifying exam (Research Proposal) before the completion of their 5th semester. Extensions are only given by permission of the PI in consultation with the director of graduate program. Proposal/exam guidelines are available in the main office & online on Biology website under “Current Students”.
- Students present their research for the members of the department during the spring semester (these seminars are held on Friday afternoons at 4pm in 30-minute slots). All graduate students are expected and encouraged to attend the biology department seminars held on Friday afternoons at 4:00pm (B104); occasionally there are additional seminars held on Mondays (noon) or in the evenings for guest speakers.

Students who have completed both parts of their qualifying exam - YEAR #4 or more...

fall (after passed both qualifying exams)	spring (after passed both qualifying exams)
<p>BIO502FT (confers full-time status; no grade)</p> <p>BIO405=TAs OR BIO406=RAs (no grade)</p> <p>If TAing BIO13L – enroll in: BIO260-01: Teaching Biology: <u>Pedagogy and Practice</u> (1 credit graded course taken the FIRST time students TA BIO13L)</p> <p>BIO260-02: Teaching Biology: <u>Pedagogy and Practice</u> (all BIO13 TAs MUST enroll; no credit; Thursday prep. meetings)</p>	<p>BIO502FT (confers full-time status; no grade)</p> <p>BIO405=TAs OR BIO406=RAs (no grade)</p>

Notes: Students present their research for the members of the department during the spring semester (these seminars are held on Friday afternoons at 4pm in 30-minute slots). All graduate students are expected and encouraged to attend the biology department seminars held on Friday afternoons at 4:00pm (B104); occasionally there are additional seminars held on Mondays (noon) or in the evenings if a guest speaker is invited.

SIS WEBSITE (REQUIRES IDENTIFICATION NUMBER/PASSWORD)

<http://studentservices.tufts.edu/sis.htm>

If you have SPECIFIC problems with registration (after you try the help desk at 627-2000)

Name: Jo Ann Jack

Title: Registrar ASE&Stu Svs Desk Mgr

Department: Student Services Center - A&S

Office: Dowling Hall; Medford/Somerville

Phone: (617) 627-2000

Fax: (617) 627-4691

Email Address: joann.jack@tufts.edu

URL: <http://studentservices@tufts.edu>