Policies and Procedures Handbook for Students in Academic Programs at the

Gerald J. and Dorothy R. Friedman School of Nutrition Science and Policy at Tufts University

2016-2017 Academic Year
Purpose of the Policies and Procedures Handbook

This Handbook provides all students at the Gerald J. and Dorothy R. Friedman School of Nutrition Science and Policy (Friedman School) with the rules and regulations that apply between their first registration as a matriculated student in the Friedman School and the receipt of a master’s or doctoral degree. It describes the procedures, requirements, expectations, and recommended timing for completion of the master’s and doctoral degrees, and the consequences of non-compliance.

The student is responsible for knowing and complying with these procedures. An acknowledgment of this responsibility follows this page and must be signed and submitted to the Friedman School Office of Student Affairs at Orientation before registration as a matriculated student into a Friedman School degree program.

Policies and procedures governing degree programs are changed periodically. The policies that apply at the time of the student’s first registration in a degree program will be the policies that the student must follow. When a student who has received a master’s degree from the Friedman School is admitted to the doctoral program, or when a student who has withdrawn from a program is readmitted, s/he will follow the policies and procedures that are in effect at the time of first registration following the new admission. Students who take a leave of absence of 365 days or less will continue to follow the policies that were in effect when they entered the program. Students who take a leave of absence of more than 365 days will follow the policies that are in effect at the time of their first registration after the leave of absence.
Acknowledgment of Receipt of the Policies and Procedures Handbook

I acknowledge that I have received the Friedman School of Nutrition Science and Policy’s Handbook at Tufts University, "Policies and Procedures for Students in Academic Programs,” revised August 2016. I acknowledge that I am responsible for knowing, understanding, and following the policies and procedures governing the degree programs of the School.

Signature of the Student: _____________________________________________________

Student’s Printed Name: ______________________________________________________

PLEASE SUBMIT THIS FORM TO:

FRIEDMAN SCHOOL OFFICE OF STUDENT AFFAIRS
150 HARRISON AVENUE, JAHARIS ROOM 123
BOSTON CAMPUS

BEFORE THE END OF ORIENTATION.
As a Friedman School student you are embarking on a career in a profession which requires of its members high standards of ethical conduct and honesty. It is expected that each student will make a personal commitment to abide by a standard of behavior that will establish a firm foundation for future professional conduct and respect for the academic environment of the Friedman School. This requires avoidance of any form of intellectual dishonesty as well as the demonstration of respect for the rights and well-being of others, including all students, faculty, staff, and other members of the Friedman School and Tufts University community.

Students are expected to avoid activities, both on and off campus, that harm the reputation of the University or its members. Students also may not engage in conduct that poses a danger or threat to others. Notwithstanding the above, legitimate and peaceful activities, including but not limited to protests of University policies, whether expressed on or off campus, and provided that such activities are lawful and do not interfere with normal University functions, shall not be deemed to be a breach of this code of conduct.

Academic Misconduct is defined as conduct which intentionally misrepresents the academic accomplishments of the student, or which jeopardizes the fair evaluation of another student’s academic work. This includes, but is not limited to, the use of materials for any examination or assignment that are not permitted by the instructor; plagiarism (that is, copying the work of others or representing the work of others as your own); and any other acts or omissions which constitute a submission of someone else's work as your own without proper credit or reference. Allowing someone to make use of your work without attribution also constitutes academic misconduct, as does interfering with the work of another person.

Professional misconduct is defined as any activity which jeopardizes the rights and well-being of, or poses a danger or threat to, others.

The Friedman School Standards of Academic and Professional Conduct further imposes an obligation on each student to report any instances of academic misconduct or breach of professional conduct that are observed.

In addition, students are bound by all policies of the University relating to academic and professional conduct, and are expected to comply with all University policies, local ordinances, and state and federal laws.

Formal action to address violations of the Standards of Academic and Professional Conduct, when deemed necessary by the Academic Dean for Education or his/her designee, will be taken in accordance with the procedures outlined in the Policies and Procedures Handbook. In addition, formal action may be taken by the Curriculum and Degrees Committee.

FRIEDMAN SCHOOL STUDENT HONOR CODE

1. By signing and returning the acknowledgement of receipt of the Policies and Procedures Handbook, you agree to uphold the Friedman Standards of Academic and Professional Conduct. As a student, if you observe ethical (i.e., academic or professional) misconduct, in the interest of supporting these standards, you will take one or more of the following actions: Confront the individual(s) to receive an explanation and to gain satisfaction that there was no breach the Friedman Standards of Academic and Professional Conduct; consult with the Academic Dean for Education, Assistant Dean of Student Affairs, or a member of the Curriculum and Degrees Committee regarding your observations.

If unsure whether a course of conduct will violate the Friedman Standards of Academic and Professional Conduct, the student should discuss the proposed actions with the Academic Dean for Education, or the Assistant Dean of Student Affairs.
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I. Policies and Procedures Relevant to All Students

I A. Registration

I A 1. First Registration for New Students

Friedman School’s Orientation for incoming fall semester students is scheduled for the week before the start of fall semester classes and Orientation for incoming spring semester students is a few days prior to the start of spring semester classes. New students register online during the week of Orientation. In addition, there may be preparatory courses at this time, or during the summer, that all incoming students must complete. All new students are required to attend Orientation. The exception to this rule are the students matriculating in the Master of Nutrition Science and Policy (MNSP) program. A few weeks prior to the start of the fall semester, MNSP students will have an initial Orientation as a live online session. The remainder of the Orientation will take place at the residency that MNSP students are required to attend at approximately three weeks into the semester. MNSP students will receive information via email about registering for their courses prior to the beginning of the semester’s first day of classes.

It is the responsibility of incoming students to contact their Academic Advisors to schedule a planning meeting. This meeting should occur no later than two working days prior to the start of classes. There is a late registration fee if registration is not completed by the semester’s add deadline as noted on the Friedman School’s academic calendar. If the student's Academic Advisor is unavailable during the Orientation period, and if the student has been unable to meet with his/her advisor prior to Orientation, the student should contact the Office of Student Affairs to schedule a meeting with an alternate faculty member.

The purposes of the planning meeting with the Academic Advisor are as follows:
1. To review their Degree Requirement Worksheet and create a formal course plan with the assistance of the Academic Advisor (two years for M.S. students, four or more semesters for MNSP students, and varies for Ph.D. students depending on the student's previous preparation, the nature of the doctoral research, and expressed interests). The student and the Academic Advisor should keep a copy of this plan for future reference. The course plan is subject to ongoing reevaluation and revision;
2. To sign the Acknowledgment of Receipt of the Policies and Procedures Handbook, if this has not been done yet;
3. To discuss course registration for the upcoming semester. Students should refer to the academic calendar for registration dates.

I A 2. Registration for Continuing Students

Timing for the online Registration Period for the following semester’s courses is noted on Friedman’s academic calendar. Friedman’s course offerings are featured on Tufts University’s Student Information System (SIS) where students officially enroll in their courses (go.tufts.edu/sis), and also featured in the Friedman School’s online course catalog (nutrition.tufts.edu/academics/courses). During each semester, students must meet or speak with their Academic Advisor to determine which courses that they wish to take in the following semester. Students are encouraged to do this as early as possible, but in any case, the meeting must occur before the end of the Registration Period. During the meeting with the Academic Advisor, the student and Advisor will choose the courses to be taken in the next semester and will update their Degree Requirement Worksheet and course plan. The student and advisor should maintain copies of these documents for their files.
I A 3. Limitations on Total Course Credits per Semester

Students may register for no more than 7 credits in a semester. Students wishing to take more than 7 credits in a semester must petition the Academic Dean for Education for exemption.

I A 4. Cross-Registration at Other Tufts Schools and at Other Universities

In addition to courses offered at the Friedman School, students may cross-register in graduate-level courses offered at other Tufts University schools, and at the Boston Consortium Schools (Boston University, Brandeis University, and Boston College), as well as at the Harvard School of Public Health (the Friedman School's cross-registration partnership is only with the Harvard School of Public Health and not other schools at Harvard). In rare cases, an additional fee may be charged by the school offering the course; the student is responsible for this cost. To cross-register for courses outside the Friedman School, a student must submit a Cross-Registration Petition. This Petition requires the approval of the instructor of the course for cross-registration and the Registrar at the school where the course is offered, as well as an authorizing signature from Friedman's Registrar or authorized member of the Office of Student Affairs. A student is not considered to be officially enrolled in the cross-registered course unless the completed Cross-Registration Petition with all required approvals is submitted to Friedman's Registrar for final enrollment processing via SIS by the Friedman School's Add deadline for the semester as noted in Friedman's academic calendar.

Students enrolled in any Friedman School master's degree program may apply no more than four course credits from other academic institutions outside of Tufts University (i.e., Boston Consortium Schools and Harvard School of Public Health) toward the fulfillment of their academic requirements at the Friedman School. Courses taken at other Tufts University schools are not included in this four course credits limit. Limits on cross-registration course credits do not apply to students enrolled in the Doctoral program. Boston Consortium Schools have the right to limit cross-registration to one course per semester; they also have the right to give priority to their own students in classes with limited enrollment.

PLEASE NOTE: The academic calendar, semester start and end dates of courses, final examinations period, and final grades posting deadlines at other non-Tufts schools and at other Tufts University schools that are Friedman School's cross-registration partners are frequently different than the Friedman School's academic calendar and associated academic dates and deadlines. It is the responsibility of the student to obtain this information from the Friedman School's cross-registration partners (i.e., Boston Consortium Schools, Harvard School of Public Health, and other Tufts schools) and adhere to these school's dates and deadlines. Questions regarding the Cross-Registration process should be directed to the Office of Student Affairs.

Students in their last semester that are candidates for graduation should make sure that they will receive their final official cross-registered course grade(s) by the Friedman School's final grades posting deadline as noted on Friedman's academic calendar. If the final grade will not be received by the Friedman deadline, the instructor of the cross-registered course should send a written confirmation to the Friedman's Registrar prior to Friedman's deadline stating that based on the student's work up to that point, the student is expected to pass the course. Otherwise, a student's graduation may be delayed by a semester and billed any applicable continuation tuition and associated fees for the additional semester. It is the student's responsibility to request this confirmation from the instructor of the cross-registered course.

Friedman students cannot cross-register during the summer semester except for courses offered by Tufts University School of Medicine's Public Health and Professional Degree Programs.
Options for cross-registering in courses at institutions other than Friedman’s cross-registration partners listed above may be available upon petition by the student to the Academic Dean for Education. This is done on a case-by-case basis, and may involve an additional cost to the student.

I A 5. Registration for Doctoral Students Who Have Completed Their Coursework

Doctoral students who have completed their coursework and have not yet had a Dissertation Committee formally appointed because they are preparing for the Qualifying Examination or developing their Letter of Intent must enroll via SIS (go.tufts.edu/sis) in the course, NUTR 399 Doctoral Candidacy Preparation, during the online Registration Period as noted on Friedman’s academic calendar (late registration penalties apply).

Students who have completed their tuition requirements are considered Continuing Students and pay a continuation tuition and associated fees each semester. These amounts are posted on the Friedman School website (nutrition.tufts.edu/admissions/tuition-expenses-financial-aid).

Doctoral students that have not completed their tuition obligation to the Friedman School after their coursework is completed will be charged tuition and any associated semester fees accordingly.

I A 6. Registration for Dissertation Only

Doctoral students who have completed coursework and are working on their dissertations must enroll via SIS (go.tufts.edu/sis) in the course, NUTR 403: Ph.D. Dissertation Only, during the online Registration Period as noted on Friedman’s academic calendar and late registration penalties apply. Students who have completed their tuition requirement and are working on their dissertation pay a continuation fee each semester. The amount is posted on the Friedman School website (nutrition.tufts.edu/admissions/tuition-expenses-financial-aid).

I A 7. Registration Deadlines and Penalties

Incoming students must register online via SIS (go.tufts.edu/sis) during Orientation for the upcoming semester and continuing students must register during the semester’s Registration Period noted on Friedman’s academic calendar; late registration penalties apply. After each semester’s online Registration Period ends, a student may make changes to their course registration via SIS (go.tufts.edu/sis) without penalty during Friedman’s Add/Drop period as noted on Friedman’s academic calendar.

I A 8. Registration for Alumni

Alumni are allowed to take one course credit for free at the Friedman School per semester on a space available basis and must register as a Special Student – Alumni with the Office of Student Affairs. Alumni who wish to take one course credit for free in the MNSP program must also attend the mandatory residency at the Friedman School for the MNSP course. Students must have the appropriate prerequisites for a course or may register with instructor consent. Alumni may not register for courses that they have previously taken at the Friedman School or cross-register at any other school. Alumni attending classes on any of the Tufts campuses must meet all registration and immunizations requirements of the University.

The Registration for Alumni free benefit as detailed above does not apply to courses offered by the Online Graduate Certificate Programs.
I B. Procedures Relating to Course Requirements and Course Credit

I B 1. Course Credit

Courses at the Friedman School are typically listed as carrying one-half (0.5), one (1), or one and a half (1.5) credits. Full-credit courses typically meet three hours per week for 13 weeks; half-credit courses typically meet 20 hours or for fewer weeks of the semester. Four one-credit courses constitute a full-time load for one semester and a student registered for three or more course credits is considered a full-time student.

Courses outside the Friedman School may use different credit systems. Friedman School’s course credit is granted based on the number of contact hours (classroom hours) and on what that institution considers a full-time course (i.e., one credit at the Friedman School).

I B 2. Grading

Grades earned at the Friedman School are intended to reflect mastery of the knowledge and skills described in each course syllabus. The syllabus will specify learning objectives, assignments, and grading procedures. In compliance with national accreditation standards, assignments are expected to call for an average of about two hours in out-of-class preparation for every in-class or online contact hour with the instructor. Instructors must ensure that all assignments can be completed by the end of each semester’s final examination period for assessment in time for grade reporting deadlines. The Friedman School’s academic calendar also specifies a Reading Period prior to final examinations, which instructors may choose to use for additional classes, review sessions or other activities as needed to fulfill the course’s learning objectives.

At the Friedman School, a grade of B- or above is considered passing. Courses taken at the Friedman School with a grade of C+ or lower are not counted toward the fulfillment of Friedman School degree requirements. However, such courses (with their grades) appear on the student’s transcript and are counted in the student’s grade point average (GPA). A student who takes a required course at the Friedman School and receives a grade of C+ or lower must repeat the course or take an equivalent course and pass it with a grade of B- or better to fulfill the requirement. Note in June 2014, there was a change to the passing grade requirement; for grades of C+ or lower received prior to June 2014, please consult Friedman’s Registrar.

Cross-registered courses taken at other schools are subject to the passing requirements of that school.

Students who receive a failing grade for a course may decide to take it again. If a student retakes a course and passes it, s/he receives credit for the course; both grades are included in computation of the GPA, but credit is given only once.

A student who receives more than two grades of C+ or lower in any single semester may be put on academic probation by the Academic Dean for Education and may be subject to dismissal upon action of the Curriculum and Degrees Committee, based on the recommendations of the Academic Advisor and the Academic Dean for Education. A student who is placed on academic probation will be so informed in writing by the Academic Dean for Education or the Assistant Dean of Student Affairs. The student’s Academic Advisor and Program Director will be copied on this notification. Before a student is dismissed from the program by action of the Curriculum and Degrees Committee, the student, the Academic Advisor, and the Program Director will be informed of such possible action and given an opportunity to respond before action is taken.
I B 3. Transfer of Credit for Courses Previously Taken

A student may transfer credit toward their Friedman School's degree program previously taken at other universities or other Tufts University schools, provided these course credits were not used for credit toward another degree. Transfer of credit does not reduce the cost of the Friedman School degree. Only courses that have been taken within the last five years at regionally accredited U.S. universities are routinely considered for transfer credit. Students who wish to receive credit for courses taken outside the U.S. or for courses taken more than five years prior to enrollment should discuss the possibility with the Academic Dean for Education, and exceptions will be made on a case-by-case basis.

Listed below are the maximum quantities of transfer credit allowed for each of Friedman's degree programs:

- Agriculture, Food and Environment MS and PhD: 4 course credits
- Biochemical and Molecular Nutrition MS and PhD: 4 course credits
- Food Policy and Applied Nutrition MS and PhD: 4 course credits
- Frances Stern Nutrition Center Combined MS/Dietetic Internship: 2 course credits
- Nutrition Interventions, Communication, and Behavior Change MS and PhD: 4 course credits
- Nutritional Epidemiology MS and PhD: 4 course credits
- Master of Arts in Humanitarian Assistance (MA): 2 course credits
- Master of Nutrition Science and Policy (MS): 2 course credits

For students matriculating in the MNSP program, up to two course credits may be transferred onto the Tufts University transcript. However, the MNSP student must still enroll in, pay for, and successfully pass ten MNSP course credits.

The following materials are required for a course to be considered for transfer credit:
1. An official transcript demonstrating a grade of B or better in the course and showing the year the course was taken;
2. A detailed syllabus, in English. (Note: if a syllabus is not available, students may petition the Academic Dean for Education to substitute course notes or other material);
3. The amount of Friedman School credit requested;
4. A completed Petition for Transfer of Credit form with all of the above information.

These materials should be attached to the Petition for Transfer of Credit and submitted with the required expert faculty and academic advisor approvals and submitted to the Office of Student Affairs, which will then be reviewed by the Academic Dean for Education for final approval. The possible outcomes of the review are:
1. Transfer of credit;
2. Transfer conditional upon
   a. passing an exemption examination
   b. filling minor deficits through directed study;
3. No transfer of credit.

A student may contest the outcome of the review by petition to the Curriculum and Degrees Committee.
I B 4. Exemption from Required Courses

Students may request an exemption from any course required for the completion of a Friedman School degree by submitting an Exemption from a Required Course or Other Degree Requirement Petition form (approved exemptions are added to a student’s transcript). Exemption without transfer of credit does not reduce the number of courses required for the degree but permits students to take different or more advanced courses. Students admitted to the Ph.D. program may fulfill all the Friedman School M.S. degree requirements by means of the exemption process if they have taken equivalent courses elsewhere. Students admitted to the Ph.D. program with a previous relevant master’s degree are encouraged to seek exemption from courses that duplicate previous work. Doctoral students must either take or be formally exempted from all courses that are required for the M.S. degree in their chosen academic program.

No exemption is given until the student submits an Exemption from a Required Course or Other Degree Requirement Petition and the Academic Advisor and Program Director has approved it. This is true no matter which of the methods of exemption detailed below the student follows.

Exemption may be obtained by the below means:

1. Exemption Based upon Coursework Taken at Other Universities: Students are exempted from any required course if they have received transfer credit from the Friedman School for an equivalent course taken at another university. Students may be exempted from any required course, using the same procedure as for transfer of credit (see Sec. I B 3 "Transfer of Credit for Courses Previously Taken"), if they have taken its equivalent at another university, but did not receive transfer credit from the Friedman School because the course had been credited to another degree. The student’s Academic Advisor reviews the petition for exemption and makes a recommendation to the Program Director at the appropriate place on the form.

2. Exemption by Examination: Students are exempted from any course for which they have passed an exemption exam. The exemption must be taken no later than two weeks after the first meeting of the course in the semester in which the student would be required to take the course. The content of the examination and the standard for exemption are determined by the instructor of the course from which the student is seeking exemption; the Program Director may request a faculty member to administer a written examination to the student where the requirement in question is not a Friedman School course. If the student meets the standard for exemption on the examination, the student submits an Exemption from a Required Course or Other Degree Requirement Petition form with the approval of both the instructor (Expert Faculty) and the student’s Program Director. A student may take an exemption examination no more than twice. Failure to pass an exemption examination has no negative impact on the student's academic record. Faculty examiners should submit the graded examination to the Office of Student Affairs, which will be kept in the student’s file.

3. Exemption from Requirements Due to Professional Competence: Students who feel they have obtained competence in the subject matter of any course due to professional experience may petition the Program Director in writing for an exemption. If the Program Director approves the petition for exemption, the Office of Student Affairs will note the exemption on the student’s transcript. This exemption is approved only in rare cases.

I B 5. Credit for Undergraduate Courses

Students may receive graduate credit for any Tufts University course which has a course number of 100 or higher that is relevant to their field of study. Foreign language courses and non-academic courses may not be counted toward completion of degree requirements.
In exceptional circumstances, it may be appropriate for a student in the Friedman School to take an undergraduate-level course (these are courses numbered 99 and below). To receive graduate credit for an undergraduate course, the student must arrange with the instructor to do additional work (such as an additional term paper or project). For a student to receive graduate credit, the course must be taken as a Directed Study, which is approved by the Program Director. The request must contain an explanation of the reasons for taking the course, and must be accompanied by the written approval of the Academic Advisor and the course instructor. No more than one undergraduate course may be taken for graduate credit at the Friedman School.

I B 6. Dropping and Adding Courses

The Add/Drop period is the first few weeks in each semester. There is no penalty for dropping and adding courses during this period, and no record of enrollment will appear on the student’s transcript if a course is dropped by Friedman’s Drop deadline as noted on Friedman’s academic calendar. Students are encouraged to discuss all changes with their Academic Advisor and make adjustments via SIS (go.tufts.edu/sis) as needed by the Add/Drop deadlines.

I B 7. Withdrawal from Courses

Students may withdraw from a course any time prior to the date by which all course requirements are to be completed (date of final examination or due date of final paper). If withdrawal from a course occurs after the semester’s drop deadline as noted in Friedman’s academic calendar (see I B 6 above) the student will receive a grade of withdrawn (W) for the course, which will appear on the student’s transcript. A grade of W does not affect the computation of a student’s GPA. Students should contact Friedman’s Registrar about the late drop to initiate the withdrawal process via SIS.

I B 8. Taking Courses on a Satisfactory/Unsatisfactory Basis

Some courses that are offered are graded on a Satisfactory/Unsatisfactory (S/U) basis. S/U grades determine whether a student receives course credit but are not counted in computation of the student’s GPA. Directed Study courses are typically graded on a Satisfactory/Unsatisfactory basis.

Required courses may not be taken on a Satisfactory/Unsatisfactory basis unless this is the only way they are offered. It is not possible to register for a letter-graded course as Satisfactory/Unsatisfactory.

I B 9. Taking a Grade of Incomplete

A student who, due to unusual circumstances, is unable to complete the work of a course by the end of the semester may request permission from the instructor to take a grade of Incomplete. The decision to allow a grade of Incomplete, with or without a reduction of grade for lateness, is at the discretion of the instructor.

If an Incomplete is taken, the work must be completed and a grade assigned by the end of the next semester. If the work is not submitted by this deadline, the course grade given will become an F.

If a student submits the coursework by this deadline, the instructor may do either of the following:
1. Refuse to accept the work as fulfilling the course requirements, in which case the grade F will be assigned;
2. Accept the work as fulfilling the course requirements, with or without a reduction of the course grade had the work been submitted during the semester, and change the grade via SIS.

A student who wishes to make up coursework from an incomplete that has turned to an F must first check with the instructor to be sure that the instructor will accept the late work and, if so, with or without a grade reduction.

I B 10. Auditing Courses

Students may not officially audit classes, but they may attend any course as a “visiting guest” at the discretion of the instructor if a seat is available in the class. These courses will not appear on the student’s transcript.

I B 11. Directed Study

Directed Study is a mechanism for a student to receive academic credit for work completed under the tutelage of a faculty member. This is generally done on a one-to-one basis with the student taking the major responsibility for his/her progress. Research conducted in a laboratory during a Directed Study project can be either problem-oriented or technique-based. Research conducted as part of a Directed Study project may be used to generate preliminary data (but only preliminary data) for a dissertation (for Ph.D. students). There is a separate course number for students conducting dissertation research.

No more than four Directed Study credits may be applied toward fulfillment of degree requirements. No more than two course credits of Directed Study may be taken with the same faculty member. For MNSP students, no more than one Directed Study credit may be applied for fulfillment of the degree.

Students in the Frances Stern Dietetic Internship are required to take one Directed Study credit under the tutelage of a faculty member, arranged by the Frances Stern Nutrition Center (FSNC).

Authorized Faculty

Directed Study courses must be supervised by Friedman School faculty. Students who wish to do a Directed Study project with someone other than a Friedman School faculty member must have a Friedman School faculty sponsor who signs the Directed Study form along with the person supervising the Directed Study. The Friedman School faculty sponsor also submits the grade for the Directed Study via SIS.

Directed Study Proposal Form

Students who wish to do a Directed Study project must contact the appropriate faculty member to plan the Directed Study well in advance of submission of the Directed Study Proposal Form. The interested student and faculty member should work together to complete the Directed Study Proposal Form. This form must be completed with approval of the Friedman faculty sponsor and the Program Director and must be submitted to the Office of Student Affairs. The completed form must contain the following information:

1. The intellectual content and question(s) to be addressed by the directed study/research project;
2. An indication of how the topic will be studied;
3. The expected product of the process;
4. The basis for grading the student;
5. The title of the Directed Study as it will appear on the student's transcript;
6. The amount of credit sought. This should be based on classroom and coursework time required by Friedman School courses: 0.5 credit requires approximately 60 hours of work; 1 credit requires approximately 120 hours of work.

In the case of a student working on a Directed Study as part of a larger project, the specific activities and responsibilities of the student within the project must be defined in detail on the form.

Grading of Directed Study Courses

There are three circumstances under which students typically register for a Directed Study:
1. A course-based Directed Study is arranged when a student registers for an undergraduate course with extra work (see Sec. I B 5 "Credit for Undergraduate Courses") or for a graduate course in a school outside the consortium. In a course-based Directed Study, grading is the same as in the course, that is, usually with letter grades.
2. An internship-based Directed Study is arranged when a student requests course credit for an internship. Internship-based Directed Studies are graded Satisfactory/Unsatisfactory.
3. A tutorial Directed Study is arranged when a student wishes to get course credit for working on a project with a faculty member. Tutorial Directed Studies are also graded Satisfactory/Unsatisfactory.

I B 12. Internships

Frances Stern Dietetic Internship (MS/DI) Program

The Dietetic Internship is a formal part of the Frances Stern program and only available to students matriculated in the combined MS/DI program.

Students in the Frances Stern Dietetic Internship program must fulfill internship program requirements as stipulated by the Academy of Nutrition and Dietetics and the Frances Stern Nutrition Center. The internship receives no formal academic credit, but is necessary to become eligible to take the Registration Examination for Dietitians. The terms and requirements of the Dietetic Internship differ from those of other units of the Friedman School.

Internships Required for the Agriculture, Food and Environment Program (AFE), the Food Policy and Applied Nutrition Program (FPAN), and the Nutrition Interventions, Communication, and Behavior Change Program (NICBC)

The AFE, FPAN, and NICBC programs of the School require an internship for completion of the M.S. degree. Students in other master’s degree programs are not required to complete an internship, but are strongly encouraged to do so. Doctoral students are not required to complete an internship, but are encouraged to undertake an appropriate internship prior to taking their qualifying examinations if it is in line with future research and career interests.

Internships have several purposes: to give students practical field or research experience that complements their curricular studies, to give students experience in an institution where they might work in the future, to allow students to determine the kinds of jobs they wish to find after graduation, and to give students an opportunity to make contacts in the professional sphere where they will seek employment.

Students should discuss their planned internship with both their Academic Advisor and Program Director, both of whom must approve the internship proposal.

The internship requirement may be fulfilled in one of two ways:
1. Professional Internship: This internship represents a professional placement in an organization similar to one where the student might wish to work in future; this placement is intended to give the student practical experience and exposure to what it means to work in the field. The Professional Internship is recommended for students who have limited field experience or who would benefit from working in a professional setting.

2. Research-based Internship: The Research-based Internship represents an alternative to the Professional Internship for students who may already have professional experience, and who wish to gain direct experience in research related to their program of study.

The amount of time and work done for an internship will vary. The required minimum hours for students in the AFE and FPAN programs is 320 hours, while the required minimum for students in the NICBC program is 400 hours. This does not include time spent writing a final report.

Students doing internships that merit academic credit may develop a Directed Study proposal based on their internship work, using the appropriate form. Students may receive a maximum of two course credits toward their M.S. degree requirements as Directed Study based on internships. Directed Study courses based on internships are typically graded on a Satisfactory/Unsatisfactory basis.

Whether or not academic credit is sought, students fill out an internship contract describing the internship location, institutional contact, and type of work to be performed. The contract is approved by the Internship Institution Supervisor, the student’s Academic Advisor and Program Director, and the Friedman School Office of Student Affairs before the internship begins. For the Research-based Internship, this contract takes the form of a Statement of Research Intent describing the research to be performed, and signed by the person responsible for supervising the research.

I B 13. Requirements for the Completion of Internships

To complete the requirements of an internship, the student must do the following:
1. Select an internship site and establish an institutional contact.
2. Submit a completed internship contract, signed by the Academic Advisor, the Internship Institution Supervisor (or Research Supervisor), and the Program Director, to the Office of Student Affairs before beginning the internship. Students should begin to complete the contract and obtain signatures early enough to submit the contract on time.
3. Register for the professional internship course (no credit) for the summer session or for the Research-based Internship seminar (no credit) for the Spring and Fall semesters;
4. Submit an Internship Completion Form and report (maximum five pages) to the Academic Advisor, Program Director, and the Office of Student Affairs. The Internship Completion Form and report includes a cover sheet with basic information about the internship and attached pages with a description of the work done, a self-evaluation of how well the student was able to meet his/her objectives, an assessment of the value of the internship, and a recommendation to other interns (five-page maximum);
5. Share the internship experience with students and faculty. Sending the Internship Completion Report to the Internship Site Supervisor is optional for students completing the Professional Internship. Students in the Research-based Internship will agree with the Research Supervisor on the nature of any required report. Students undertaking the Research-based Internship are required to present the results of their research (orally or via poster) at the annual Graduate Student Research Conference or other Friedman School events.

Descriptions of the internship reports for the different programs can be found on the internship section of the Friedman School website. A selection of papers, posters, and presentations developed during the Research-based Internship is also available on the internship section of the website.
I C. Tuition, Fees and Refund Policies

I C 1. Tuition and Fee Structure

Tuition rates and fees for the 2016-2017 academic year may be found online at: 

Student Activity Fee: All matriculated students are required to pay a Student Activity Fee. This 
fee is intended to cover expenses related to Orientation, Commencement, student activity 
groups, on-campus athletic facilities and other student activities taking place throughout the year.

Technology Fee: All matriculated students are required to pay an annual Technology Fee. This 
fee helps to cover the costs associated with maintaining and up-grading computer equipment 
and software available in the student computer lab.

Health Administration Fee: All matriculated students are required to pay an annual health 
administration fee. This fee covers the cost of immunization screening required by the 
Commonwealth of Massachusetts, health plan and administration and counseling.

Continuation Fee: Once students have finished the tuition obligations for the degree they will be 
earning, they will be charged an annual fee until the degree has been completed.

Clinical Training Fee (for students enrolled in the Master of Science/Dietetic Internship program 
only): This is a one-time fee assessed by the Tufts Medical Center to students enrolled in this 
program.

I C 2. Tuition Refund Policy

The University refund policy, to be applied in the event a student withdraws from a class after the 
beginning of a fall or spring term, is as follows:

1st-12th calendar day of the semester: 80% tuition refund
13th-19th calendar day of the semester: 60% tuition refund
20th-26th calendar day of the semester: 40% tuition refund
27th-33rd calendar day of the semester: 20% tuition refund
Thereafter: No refund

Please note MNSP degree program students that withdraw from a class after the beginning of a 
fall, spring, or summer term during the 1st-12th calendar day of the semester will receive a 100% 
tuition refund. This is only applicable to MNSP students.

The date of withdrawal will be considered to be the date on which the institution receives written 
notice of the withdrawal from the student. Other charges for the term, such as the health 
administration fee, are not prorated upon withdrawal during a term. Withdrawal prior to the 
beginning of a term will result in cancellation of all charges.

If a student withdraws before the first day of the semester, all financial aid funds will be returned. 
The Office of Financial Aid is required to calculate how much Title IV aid (Federal 
Subsidized/Unsubsidized Loans and Perkins Loans) the student earned based on how many 
days of the semester the student attended. "Unearned" Title IV aid is required to be returned to 
the lender(s) by the student and/or the school in this order: Federal Direct Unsubsidized Loan, 
Federal Perkins Loan, Federal Direct GradPLUS loans. The return of unearned money may 
leave the student with a balance, which the student is responsible to pay. If considering
withdrawal, students should meet with their Financial Aid Advisor to determine the effect on their federal loans. See more information below "FINANCIAL AID IN THE CASE OF WITHDRAWAL"

I C 3. Medical Leave of Absence

In the event of a leave of absence (medical or other) or withdrawal, the University refund policy will apply for any period of leave. Students are strongly encouraged to meet with their Financial Aid Advisor in the Office of Financial Aid to discuss the consequences of taking a leave or withdrawing.

I C 4. Academic Dismissal

No tuition refunds other than that due under the refund policy stated above is made when a student is required to withdraw by Friedman School or University authorities or when a student withdraws from a course with a W grade. Fees are not refundable.

I C 5. Financial Aid in the Case of Withdrawal

If a student completely withdraws from school during a semester and before 60% of the semester has passed, federal regulations require that a school determine the percentage of any Federal Aid received that is earned. The amount of aid earned is calculated by multiplying the total federal aid by the percentage of the term for which the student was enrolled before withdrawing. If the amount of aid earned is less than the amount of aid already disbursed to the student, a repayment may be required. If the aid disbursed was used to pay institutional charges (i.e., tuition), then that portion of that aid that is unearned as calculated by this federal formula, will be repaid by the Friedman School, in the order prescribed by federal regulation; first to Federal Direct Unsubsidized Loans, then to Federal Perkins Loans, and finally to Federal Direct Grad PLUS Loans. Please note that your tuition liability remains as described above, according to the Friedman School Refund Policy. If Federal loan money used to pay tuition must be returned to the lender according to the federal calculation, any balance due remaining on the student’s account becomes the student’s responsibility. The student is responsible for repayment of any unearned living expense money from federal aid advanced before the withdrawal. If the total amount of this repayment due comes from loans, then the student may make this repayment under the original terms of the loan. Please contact the Office of Financial Aid for more information on this policy. Students would also be required to attend an exit interview online at www.studentloans.gov if they are withdrawing or taking a leave of absence.

I D. Academic Standing

I D 1. Grade Point Average

In each semester, Tufts University reports Grade Point Average (GPA) in two ways:
1. Cumulative GPA reflects all numeric grades received since admission to the degree program;
2. Semester GPA reflects all numeric grades received in a given semester.

I D 2. Maintaining Grade Point Average

Students must maintain a cumulative GPA of 3.00 (equivalent to a letter grade of B) or better in each semester to be in good academic standing, and must have a cumulative GPA of 3.00 to graduate. A student whose cumulative GPA falls below 3.00 in any semester will be placed on academic probation with a possibility of dismissal if the student's cumulative GPA is below 3.00 in any subsequent semester, and will be so informed in writing by the Academic Dean for
Education. A student whose cumulative GPA is below 3.00 for any subsequent semester may be dismissed from the Friedman School upon recommendation of the Curriculum and Degrees Committee. The student and the Academic Advisor will be informed of such possible action and given an opportunity to respond before action is taken. All tuition scholarships from the Friedman School require the student to be in good academic standing. A student who is on academic probation or not in good academic standing may have their scholarship revoked based on review of their academic standing.

A student who, in the judgment of the Academic Advisor and/or the Academic Dean for Education, is failing to make satisfactory progress toward completion of the degree may be dismissed upon recommendation of the Academic Dean for Education and action of the Curriculum and Degrees Committee. The student and the Academic Advisor will be informed of such possible action and given an opportunity to respond before action is taken. Satisfactory academic progress for students meeting the requirements of the master's degree (whether as master's degree candidates or doctoral students) is defined as taking and passing at least one course each semester.

I E. Satisfactory Academic Progress (SAP)

Federal regulations require the Friedman School of Nutrition Science and Policy at Tufts University to establish Satisfactory Academic Progress standards for students who are awarded federal financial aid funds. The following standards apply to all matriculated students, whether they are financial aid recipients or not. Students who fail to maintain Satisfactory Academic Progress during any semester may be placed on Financial Aid warning, Financial Aid probation and/or creation of a remedial academic plan, suspension, or may be dismissed, in accordance with the policies of the Friedman School. Students who are terminated from financial aid eligibility may continue their studies but are required to self-pay tuition and make payment arrangements through the Bursar's office.

The standards of Satisfactory Academic progress measure a student’s performance in three areas: maximum time to complete the degree, cumulative grade point average (GPA) and cumulative completion rate. The student’s academic progress shall be evaluated at the end of each semester by criteria for each of these three areas as is detailed in Appendix 4.

I E 1. Maintaining Satisfactory Academic Progress

The Registrar’s Office in conjunction with the Office of Financial Aid will monitor SAP at the end of each semester including Fall, Spring, and Summer. Written notification will be sent to students placed on Financial Aid Warning, Financial Aid Probation, Financial Aid Termination, and Financial Aid Reinstatement if making SAP status.

A change in degree program will not affect a student’s SAP standing. Students who are requesting re-entry into the University will return with the SAP status calculated at the time of Withdrawal from the degree program. Students requesting admission into a new degree program after graduation will begin as a first term student with a new SAP history.

I E 2. Financial Aid Warning

Upon determining that a student is not making satisfactory academic progress, students will be placed on a “financial aid warning status” for a period of one semester during which the student will continue to be eligible for financial aid. This status is assigned to a student automatically once it has been determined that the student is not progressing satisfactorily and is effective for the next semester. No appeal is necessary and the student will be reviewed again at the end of the next semester. The status of students who have reached the required completion rate and
are meeting the required GPA will be considered to be making SAP at the end of the warning period.

Once the initial warning period has ended, students who are not making satisfactory academic progress will no longer be eligible to receive financial aid unless they submit an appeal and it receives approval.

I E 3. Appeal for Reinstatement of Financial Aid Eligibility

Students who are terminated from financial aid eligibility for not meeting satisfactory academic progress standards and who have extenuating circumstances may appeal to reestablish their eligibility. Students may not use financial aid to make retroactive tuition and fee payments. The appeal must be based on extenuating circumstances that prevented a student from meeting the requirements of the satisfactory academic progress policy. Circumstances may include extreme medical issues, a death in the immediate family, employment related hardship, military mobilization, and/or extreme personal problems. Students must indicate specific information on why they failed to make satisfactory academic progress and what has changed that will allow them to meet these standards at the next evaluation.

Students may appeal the maximum allowed time to degree completion, GPA and/or the completion rate component of satisfactory academic progress. There are no limits to the number of appeals that students may submit. However, subsequent appeals may not be based on the same circumstance as previous appeals.

Appeals should be submitted along with necessary documentation within 10 days of being notified that they are no longer eligible to receive financial aid and mailed to: Financial Appeals Committee, Attn: Matthew Hast, Friedman School, 150 Harrison Avenue, Boston, MA 02111. The Financial Appeals Committee will review the request and respond to the student in writing with the decision. This decision is final and may not be appealed.

If the appeal is denied, students may continue their studies but are required to self-pay and make payment arrangements through the Bursar’s office. Standards of satisfactory academic progress will continue to be monitored each semester and students will be notified whether they continue to not meet the standards or should their eligibility change and they become eligible based on meeting the standards.

I E 4. Financial Aid Probation

If the appeal is approved, students will be placed on Financial Aid Probation. Financial Aid Probation is generally for one semester, and the student is eligible to receive financial aid funding during that time. After the semester ends, students will again be evaluated to determine if they are making satisfactory academic Progress. If they are not, students’ aid eligibility will be terminated unless the student was required to be on an academic plan that lasted longer than one semester as part of their original probation.

I E 5. Academic Plan

In certain circumstances, an Academic Plan may be created for a student who will not be able to complete the necessary benchmarks to regain SAP status by the end of the Financial Aid Probation period. The Academic Plan includes benchmarks that must be completed for each successive semester in order to continue on the plan and continue to be eligible for financial aid. Academic Plans must be approved by the Academic Dean for Education.
I F. Academic Integrity

Tufts holds its students strictly accountable for adherence to academic integrity. The consequences for violations can be severe. It is critical that you understand the requirements of ethical behavior and academic work and that you familiarize yourself with the academic integrity standards and policies. The Academic Integrity Policy is available online at https://students.tufts.edu/student-affairs/student-life-policies/academic-integrity-policy and provides a primer on ethical academic work and includes a description of computer ethics and the appropriate use of electronic resources.

Tufts University has adopted the elective use of the Turn-It-In.com anti-plagiarism program. This program will be utilized where appropriate within the Friedman Curriculum.

Alleged violations of these policies will be considered and addressed by the Academic Dean for Education.

I G. Enrollment Status

I G 1. Full-Time, Half-Time, and Less than Half-Time Study

Students are considered full-time in any semester in which they are registered for 3 or more credits of coursework, half-time if they are registered for 2 to 2.5 credits, and less than half-time if they are registered for less than 2 credits. Students may choose whether to study full-time, half-time, or less than half-time on a semester-by-semester basis. Students enrolled in the Frances Stern Dietetic Internship program are enrolled as full-time students during the entire course of their study at the Friedman School. Students enrolled only in Doctoral Candidacy Preparation or Ph.D. Dissertation Only are considered full-time students. Full-time students pay 100% tuition for the semester; half-time pay 50%, and less than half-time (less than 2 credits) pay per credit. The total number of semesters of tuition paid is not affected by the student's status. All students are billed each semester the fees for Student Activity, Technology, and Health Administration regardless of their enrollment status as full-time, half-time, or less than half-time.

MNSP students pay tuition for each course they select during a semester until they have met their tuition obligation and are also billed the fees for Student Activity, Technology, and Health Administration when enrolled in a semester, except in the summer semester.

I G 2. Loan Deferment

Tufts University provides information regarding student enrollment status to the National Student Loan Clearinghouse that then provides information to lenders. Enrollment status is either full-time, half-time, or part-time. Federal regulations require that students be registered half-time or full-time to receive and defer student loans. Some students still might receive bills from their loan agencies; if this occurs, a letter verifying enrollment can be requested through Friedman’s Registrar’s Office.

I H. International Travel Policy for Students

Students must register with the University when travelling outside of the U.S. for all University purposes, regardless of whether or not travel is to regions where there are heightened health and safety risks. Registering with the University will occur in the University Travel Registry, which is fully integrated with the Tufts Information system, allowing students to sign in with their Tufts username (UTLN) and password. The secure online registry captures trip details including passport information, as well as contact information at Tufts and abroad. By registering, students are not only complying with Tufts University International Travel Safety Policy, but also receiving
the variety of travel related services and alerts provided by International SOS (ISOS) and securely hosting their passport information (with the option to store a copy of their passport) should it be lost or stolen while abroad. The Travel Registry may be accessed at: go.tufts.edu/travelregistry.

It is the responsibility of the student to determine the type of visa needed for travel, as well as to comply with other travel requirements. For students who do not register with the Tufts Travel Registry, or who do not obtain appropriate visas or meet other travel requirements, payment for travel offered by the Friedman School or its faculty may be withheld.

I I. Leaves of Absence

A student may request a leave of absence by written request to the Academic Dean for Education or to the Assistant Dean of Student Affairs; in some instances, the request for leave will be discussed by these Deans. The request should specify the reason for the leave and the amount of time needed. The reasons provided to justify the leave will remain confidential unless permission is obtained in writing or email from the student, or it is the judgment of either Dean that information must be disclosed for safety reasons. Leaves of absence are granted for a maximum of one year; additional leaves may be requested. Tuition scholarships are suspended during a leave of absence and may continue when the student returns. To avoid tuition costs a leave of absence should be approved prior to the first day of classes. In the event a student takes a leave from the University after the beginning of the enrollment period a pro-rataion of tuition is applied. Upon approval of the leave, the student and the student’s Program Director, Academic Advisor, and thesis advisor if applicable will be notified.

Graduate stipends, when a student receives one, are not paid by the School during leaves of absence.

I J. Sick Leave and Parental Leave

I J 1. Sick Leave

Full-time Friedman School graduate students who are incapacitated due to illness or injury may be granted an excused absence of up to 12 days during one twelve-month period. The student is expected to notify his or her Academic Advisor when taking a sick day(s). The student may be required to submit documentation of illness or injury; documentation provided will be kept confidential by the Office of Student Affairs. The School reserves the right to have the student and his or her medical records reviewed by a physician chosen by the School.

I J 2. Parental Leave

Students may take parental leave to care for a new-born child or one placed for adoption or foster care. A student anticipating a parental leave should make an appointment with the Assistant Dean of Student Affairs to review the leave policy and the options available. Depending upon the source of the stipend, paid time-off during which time a student continues to receive that stipend, is restricted to:
1. 30 calendar days of paid parental leave;
2. Plus unused sick leave of up to 12 days;
3. Plus unused vacation time of up to 15 work days.

The balance of approved parental leave plus any additional leave requested is treated as an unpaid personal or medical leave of absence. If the student is away from the Friedman School beyond allowable paid time-off and fails to request a leave, the Friedman School will place the student on an administrative leave of absence. Stipends are not paid by the Friedman School during an administrative leave of absence.
I K. Teaching Assistantships

Matriculated students are generally eligible for teaching assistantships; students taking a leave of absence are not enrolled at the University and therefore not eligible for teaching assistantships. The duties and responsibilities of a teaching assistant vary depending on the course and instructor. Permission from the Academic Dean for Education is required for non-matriculated students to be considered for teaching assistantships.

I L. Academic Advising

I L 1. Roles and Responsibilities of the Academic Advisor

An Academic Advisor is assigned to each student based upon the expressed interests of the student and the recommendation of the student's Program Director. Changing an Academic Advisor is not uncommon and students are encouraged to do so when appropriate (see I I2 "Changing an Academic Advisor"). Any Friedman School faculty member may serve as an Academic Advisor.

The primary role of the Academic Advisor is to help the student develop course and study plans and to oversee the fulfillment of a student's academic requirements. For students in the Ph.D. program, the Academic Advisor monitors the student's progress until the student passes the qualifying examination and a Dissertation Advisor is named by the Academic Dean for Education. The Academic Advisor may, but need not, become the student's Dissertation Advisor. The Academic Advisor may continue to provide general mentorship to doctoral students even though a Dissertation Advisor has been named.

Specific roles and responsibilities of the Academic Advisor are to:

1. Aid in the development of, and approve, the course plan for the student. This requires the advisor to be up to date with regards to degree requirements in the student's program of study. For master's degree students, this includes ensuring that the student complies with all academic requirements and assisting in selection of courses for a specialization (see Sec. II C "Specializations"). For Ph.D. students, this includes assisting the student in deciding on qualifying examination topics and examiners;
2. Review registration for courses and update and approve the course plan each semester;
3. Help the student understand and interpret the policies and procedures of the Friedman School;
4. Assist the student in dealing with any issues related to his/her academic progress;
5. Help a student arrange internships when appropriate;
6. Assist interested students in the identification of appropriate faculty for Directed Studies;
8. Discuss career options with the student;
9. Assist the student in identifying a Dissertation Advisor when appropriate.

I L 2. Changing an Academic Advisor

At any point in the student's academic career, the student may request a change of Academic Advisor. To do this, a student must first meet with the Academic Dean for Education to discuss the proposed change. The student must then submit a written request for the desired change to the Office of Student Affairs. Upon approval by the Academic Dean for Education, the change is then reported to both the old and new Academic Advisor by the Office of Student Affairs. An Academic Advisor may also initiate such a change. The Academic Advisor may meet with the student to suggest a change, after which the student may request a change following the procedure above, or the faculty member may request that the Academic Dean for Education initiate the process.
I M. Cancellation of Classes

Only the President or the President's designee can suspend, in part or totally, regularly scheduled academic or administrative activities at Tufts. The general university policy is not to cancel classes for snow or other emergencies, but rather to hold all class meetings that can reasonably be held. The decision to suspend regularly scheduled academic activities is made as far in advance as possible and announced by the Deans. Students can call 617-627-INFO for news about weather suspensions or check the Tufts web page (http://www.tufts.edu/) and look under Announcements. Also, the university endeavors to have announcements made over Boston radio and television stations (WBZ AM 1030, WBZ TV Channel 4). Faculty members can also cancel classes if they cannot make it to campus due to the weather.

I N. Withdrawal from the University

Students who withdraw from the University must inform the Academic Dean for Education in writing. In the event a student withdraws from the University after the beginning of the enrollment period, a pro-ration of tuition is applied. Tuition Pro-Ration Schedule: http://finance.tufts.edu/controller/bursar/ tuition-refund-policy/.

II. Degree Requirements: Master’s Degree

II A. Master’s Degree Programs in the Friedman School of Nutrition Science and Policy

The Master of Science degree may be earned by participation in one of seven campus-based academic programs:
1. Agriculture, Food and Environment
2. Biochemical and Molecular Nutrition
3. Combined Dietetic Internship / Master’s Degree
4. Food Policy and Applied Nutrition
5. Humanitarian Assistance (MAHA) - (Joint Master of Arts degree of the Friedman School / The Fletcher School of Law and Diplomacy)
6. Nutrition Interventions, Communication, and Behavior Change
7. Nutritional Epidemiology

An additional Master of Science degree is offered by hybrid learning, the Master's Degree in Nutrition Science and Policy (MNSP).

Combined Degree Options include:
1. Master of Science offered by the Friedman School (AFE or FPAN) combined with the Master’s of Arts offered by Urban and Environmental Policy in the Graduate School of Arts, Science and Engineering (MS/MA).
2. Master of Science offered by the Friedman School with the Master of Arts in Law and Diplomacy offered by the Fletcher School of Law and Diplomacy (MS/MALD).
3. Master of Science offered by the Friedman School combined with the Master’s of Public Health at the Tufts University School of Medicine (MS/MPH).

II B. Master’s Degree Course Requirements

II B 1. Minimum Credits for M.S. Degree

To receive a Master’s of Science from the Friedman School, students in the following programs must complete a minimum of 16 credits of coursework:
1. Agriculture, Food and Environment
2. Biochemical and Molecular Nutrition
3. Food Policy and Applied Nutrition
4. Nutrition, Interventions, Communication, and Behavior Change
5. Nutritional Epidemiology

The Combined Dietetic Internship / Master’s Degree, the Master of Arts in Humanitarian Assistance, and the Master’s of Nutrition Science and Policy have different credit requirements. See Appendix 1 for current descriptions of degree requirements.

II B 2. Specialization Requirements

Students in the following programs must complete a “Specialization,” consisting of at least three credits of coursework in one field of study (see Section II C for more details):
1. Agriculture, Food and Environment
2. Biochemical and Molecular Nutrition
3. Food Policy and Applied Nutrition

II B 3. Internship Requirements

Students in the following programs must complete an internship:
1. Agriculture, Food and Environment
2. Food Policy and Applied Nutrition
3. Nutrition, Interventions, Communication, and Behavior Change

II B 4. Training in Ethical Treatment of Human Subjects

In order to graduate from the Friedman School of Nutrition Science and Policy with either a master’s or a doctoral degree, a student must show evidence of successful completion of training in the ethical treatment of human subjects that meets the criteria set by the Tufts University Institutional Review Board (IRB); http://viceprovost.tufts.edu/HSCIRB/research-education/. This graduation requirement applies to all students, regardless of program.

Students meet this graduation requirement by completing an online tutorial and examination, the Collaborative Institutional Training Initiative (CITI) Program, offered through the Office of the Vice Provost for Research. Students must complete training for either Biomedical Researchers or Social/Behavioral/Educational Researchers found at: https://www.citiprogram.org/default.asp. When all requirements are completed, you will be able to print or download a Course Completion Report online. Students are advised to complete this requirement as soon as possible within their first semester of study. Evidence of a passing grade on the quizzes, i.e., copy of the Completion Report, must be submitted to the Office of Student Affairs.

Note the requirement for all students to complete CITI training is an expectation that any student engaged in human research must complete the CITI training prior to participating in research and must maintain current certification through all aspects of human research. Additionally, students working in laboratories and clinical areas should complete the Tufts University Environmental Health and Safety Department’s Annual Laboratory Safety Training (more details available at: http://publicsafety.tufts.edu/ehs/annual-laboratory-safety-training/).

II B 5. Other Program-Specific Requirements

Students in the Frances Stern Dietetic Internship Program must complete ten credits, including one credit of directed research in a Directed Study, as well as a series of clinical internships. Students in the Frances Stern Dietetic Internship Program who would like to complete a second program (i.e., Nutrition, Interventions, Communication, and Behavior Change) must first
complete all requirements before registering for a fifth semester as a student in their chosen second program.

Each academic program has specific course requirements that must be taken by all students in that program. Current requirements for each program are listed in Appendix 1.

II C. Specializations

The specialization is intended to give students a degree of mastery over a particular subject area. The specialization consists of three to five course credits, of which only one may be a required course, and only one may be Directed Study. Courses taken outside the Friedman School, including courses for which transfer credit has been received may be used for the specialization. Proposals for a specialization must be submitted via the Approval of Specialization form, listing the subject area of the specialization and the specific courses to be taken. The form must be signed by the student, the Academic Advisor, and the Program Director. Students in programs that require them to specify a specialization must submit an Approval of Specialization form by the end of the add/drop period of their third semester.

Some programs have defined specializations; others permit the student to self-design a specialization with appropriate approvals. Refer to the degree program’s Degree Requirement Worksheet for applicable specialization requirements.

II D. Transfer to a Different Academic Program within the School

All transfer requests must be approved by the student’s current Program Director and by the Program Director of the program the student requests to enter. Before entering a new program, the student must meet all the program’s prerequisites. Students must follow the degree requirement worksheet and Policies and Procedures Handbook in effect at the time of first registration in their new program.

A student who wishes to transfer to a different academic program must notify in writing or email his/her current Academic Advisor, the current Program Director, and the director of the program into which the student desires to transfer (new Program Director). The request should contain a personal statement with the rationale for the change in terms of the student's professional goals and interests. Approvals of the Academic Advisor and both the current and new Program Directors should be forwarded in writing or by email to the Assistant Dean of Student Affairs. If approved, the student will be transferred by the Registrar to the new program and a new Academic Advisor will be assigned by the Assistant Dean.

Prior to approval of transfer, the new Program Director must communicate in writing or email to the student and Assistant Dean which courses and other requirements from the previous degree program will meet requirements of the new degree program.

A student who is admitted to a program after completing some of the requirements of a different program must nonetheless complete all the requirements of the program to which s/he is admitted. If the student wishes to be exempted from a requirement based on work completed in the program s/he was in before, this is handled as any other request for exemption from a requirement. A doctoral student who transfers to a new program must take and pass the entire qualifying examination for the new program. This qualifying examination must include all three areas as specified for the new program.

II E. Credit for Summer Courses
Students may take courses at other institutions during the summer and apply for transfer of credit the following fall. Students may complete Directed Study courses during the summer following the usual procedure.

II F. **Timetable for Completion of the Master's Degree**

Full-time students typically finish the master's degree in two years. Half-time students typically finish the master's degree in four years. Students who have not completed their degree requirements in this time may continue to take courses until their degree requirements have been completed. There is a limit of six years from first enrollment to completion of the degree. Students who have not completed their master's degree requirements in this time may be dismissed from the program upon recommendation of the Curriculum and Degrees Committee. Such students may apply for readmission. Time elapsed during a formally approved leave of absence (see Sec. I F, "Leaves of Absence") is not counted as part of the six-year limit.

Students in the MNSP program will be able to finish their degree in four semesters (counting the summer). However, these students may elect to do their degree by taking as few as one course per semester until the degree is finished.

Students in programs requiring an internship typically complete the internship requirement during the summer between the first and second years of study, but this timing is not mandatory.

Students must file the Degree Requirement Worksheet form approved by their Academic Advisor and the Program Director with Friedman's Registrar when they apply for graduation in SIS at the beginning of the semester in which they expect to complete all the requirements for the master's degree.

II F 1. **Readmission to the Master's Program**

A student who withdraws or is dismissed from the Master's Program may reapply for admission. If re-admitted, the student will be treated as a new, incoming student. This means that s/he must fulfill all course requirements or be exempted based on previous coursework completed within the last seven years or demonstrated competency in the area of study; s/he may petition the Academic Dean for Education to count coursework completed while previously enrolled at the Friedman School toward the new requirements.

II G. **Entering the Doctoral Program from the Master's Program**

II G 1. **Applicant with Master's Degree Outside of the Friedman School**

Students in the Friedman School doctoral program must have a master's degree or equivalent education. If the student was accepted to the Friedman School while completing a master's degree but does not receive the master's degree before starting at the Friedman School, admission may be rescinded.

II G 2. **Applicant with Master's Degree from the Friedman School**

Students in the master's program wishing to enter the doctoral program of the Friedman School must submit a formal application to the Friedman School. This is usually done in the first semester of the second year of full-time study, at any time up to the application deadline, usually in early January. In some cases, additional coursework is required of doctoral students beyond that required for the master's. Students planning to continue in the doctoral program can plan their master's degree coursework to fulfill these requirements and to begin preparation for the qualifying examination. Students entering the doctoral program from the master's program are governed by the policies and procedures in effect at the time they officially enter the doctoral
program.

Students continuing from the master's to the doctoral program are officially considered to be in the doctoral program as of the date stipulated in their letter of acceptance into the program.

University information systems include the student in the master's degree program until the student has completed requirements for and been awarded the master's degree.

II H. Cost of the Master's and Ph.D. Degrees

The total cost of the master's degree is four full semesters of tuition, irrespective of the time taken to complete the degree requirements. The total cost of the doctoral degree is four full semesters of tuition, irrespective of the time taken to complete the degree requirements. If a student completes a Friedman School M.S. degree program and then matriculates into the doctoral program, the total semesters of tuition is reduced to six. If students have met the tuition obligation of the school but have not completed their degree requirements, a continuation fee will apply (this includes combined degree programs).

The tuition rate for the Frances Stern Dietetic Internship is different, given the course requirements. Four full semesters of tuition at a lower rate must be paid to Tufts. In addition, an internship fee must be paid to the Tufts Medical Center Hospital. If students in the Frances Stern program complete a second program, tuition in the fifth semester will equal the tuition paid by students in their chosen second program.

The tuition for the students in the MNSP program is the cost of ten full course credits.

The MS/MALD (Friedman School/The Fletcher School combined degree) and the MS/MA (AFE or FPAN/UEP combined degree) award two master's degrees after six full semesters of study, with three full semesters of tuition paid to the Friedman School and three full semesters paid to The Fletcher School or the School of Arts and Sciences, respectively. The MS/MPH combined degree program awards two degrees after five full semesters of study, with three full semesters of tuition paid to the Friedman School and two full semesters of tuition paid to the School of Medicine. Two full semesters of tuition are charged for the MAHA degree, the annual rate being equal to the standard rate for campus-based M.S. or Ph.D. degrees at the Friedman School.

An individual who registers for a course(s) offered at the Friedman School on a “Special Student” (non-degree seeking) basis will pay for each individual course s/he takes. If the individual registers for these courses via “Special Student” status through the Friedman School (i.e., the student is billed by and tuition is paid to the Friedman School), the tuition paid will be credited to his/her account should s/he decide to apply to the Friedman School and become a degree-seeking student.

II H1. Tuition Remission for Tufts University Employees

Tuition remission is a University benefit for full-time employees who wish to take courses or pursue a degree. Full-time employees are eligible for the University to pay for two 1.0 credit courses each semester. In order to obtain a degree, certain special requirements must be satisfied that affect the timing and sequence of courses. It is important that you contact the Office of Student Affairs as soon as you begin taking classes using the tuition remission benefit.

The school within the University for whom the employee works is responsible for paying the tuition. The tuition remission money is paid, on behalf of the employee, to the school in which s/he is enrolled in coursework.

If an employee is attempting to pay for his/her whole degree at the Friedman School using tuition remission benefits, the equivalent of 16 1.0 credit courses must be taken during the fall or spring semesters so that the full-time tuition amount will accrue to the Friedman School. Employees
who seek to complete a degree in the Friedman School must meet the tuition requirement for their degree. For courses taken at Tufts University schools other than the Friedman School, prior to matriculation in the Friedman degree program, please consult the Office of Student Affairs to discuss if prior courses taken will contribute to the Friedman School tuition requirement. Courses taken by employees during the summer session offered at the Tufts Schools of Arts and Sciences and Engineering can be paid for by tuition remission. However, the money for summer courses is paid directly to the summer school program and not to the Friedman School. These students may find that they have completed their course requirements but have not fulfilled their total tuition requirement for completion of a degree at the Friedman School.

The rates for tuition by program are approved annually by the Trustees. Please contact the Office of Student Affairs for additional information.

II I. Deadlines and Procedures for Awarding of Master’s Degrees at Tufts University

II I 1. Preparing for Graduation and Board of Trustees Deadlines

Master’s Degree students are required to submit their Degree Requirement Worksheet approved by their Academic Advisor and the Program Director to the Friedman School Office of Student Affairs at the beginning of the semester in which they intend to complete their degrees. Students should discuss their intentions with the Academic Advisor prior to this notification.

Degrees are awarded three times per year by the Tufts University Board of Trustees, usually in late August, early February, and mid-May. The dates of these meetings are listed on the Academic Calendar, which is available on the Friedman School’s website. When students meet all degree requirements, they must graduate at the end of the semester in which those requirements are met.

The list of degree candidates, signed by the Dean, is sent to the Academic Affairs Committee of the University well in advance of its meeting. All final work in courses or other degree requirements such as internships and the filing of forms required for awarding the Master’s Degree must be completed before the student’s name is sent to the Academic Affairs Committee of the Board of Trustees. Consequently, master’s students should plan to have this final work completed and forms filed at least two weeks before the scheduled dates of the Board of Trustees committee votes.

II I 2. Requirements for Graduation

Before they can graduate, master’s students must complete the following steps:
1. Submit a completed Degree Requirement Worksheet with Intent to Graduate approvals. These forms may be downloaded at: http://nutrition.tufts.edu/students/registrar/degree-requirement-worksheets.
2. Complete an exit evaluation online. You will be notified when it is available for completion via email.

III. Degree Requirements: Ph.D.

III A. Summary of the Requirements for the Ph.D. Degree

The doctoral program includes multiple requirements and milestones that have been developed to promote academic and professional development. The major requirements are listed below, and are followed by a form that may be used by doctoral students for the purposes of tracking progress and planning. A flow diagram of the doctoral process and description of specific requirements and processes follow the form, and additional academic program-specific requirements are found in the Degree Requirement Worksheets. Students accepted into the doctoral program achieve candidacy for the Ph.D. degree only after passing the doctoral
Qualifying Examination and are required to follow the milestones described below. Students who do not successfully pass the doctoral Qualifying Examination are dismissed from the Friedman School.

In the sections below and in doctoral program forms, the terms dissertation and thesis may be used interchangeably.

Major requirements of the doctoral program include:
1. Completion of the Individualized Development Plan (IDP), and submission of Annual Updates regarding this plan;
2. Declaration of a specialization with an academic program comparable to those required of the Friedman School’s master’s degree, based on Friedman School courses or their equivalents;
3. Demonstration that core courses (or their equivalents) required for the Friedman School master’s degree within the student’s academic program have been passed or have been formally exempted;
3. Additional courses during the doctoral program may be required by some academic programs;
4. Completion of a minimum of four course credits during the doctoral program if admitted to with completion of a master’s degree outside the Friedman School;
5. Successful completion of the doctoral Qualifying Examination, which includes submission and defense of a written research proposal, and demonstration of competence in general nutrition as well as two additional program-specific subject. Completion of the Qualifying Examination results in acceptance into Ph.D. candidacy.
6. Students have a maximum of three months after passing the Qualifying Examination to submit their Letter of Intent. Students may petition the Academic Dean for Education for additional time;
7. Completion of the Compact between Doctoral Candidates and her/his Dissertation Committee;
8. Completion of a written Dissertation Proposal and presentation of the proposal in a seminar to the Dissertation Committee and the Tufts University community. The Proposal must be formally approved by the Dissertation Committee;
9. Ph.D. candidates must meet at least every four months with the Dissertation Committee to discuss their research and their progress toward completion of the Ph.D. dissertation. This applies once the Letter of Intent is approved;
10. Ph.D. candidates must complete an original, independent research project and write this as a unified work based upon guidelines set by the Friedman School;
11. Presentation of the completed dissertation to the Dissertation Committee for final review and oral defense of the dissertation before the Dissertation Committee and the Tufts University community. The Dissertation must be formally approved by the Dissertation Committee.
<table>
<thead>
<tr>
<th>Requirement</th>
<th>Time to Completion</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completion of the Individualized Development Plan with annual updates</td>
<td>During the first semester of the doctoral degree and annually thereafter</td>
<td></td>
</tr>
<tr>
<td>Request to Take Qualifying Examination</td>
<td>Maximum One Month After Completion of Coursework</td>
<td></td>
</tr>
<tr>
<td>Letter of Intent</td>
<td>Maximum Three Months After Passing Qualifying Exam (BMN and NEPI students: Maximum Two Months)</td>
<td></td>
</tr>
<tr>
<td>First Dissertation Committee Meeting</td>
<td>Maximum One Month After Approval of Letter of Intent</td>
<td></td>
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<tr>
<td>Completion of the Doctoral Compact</td>
<td>Prior to the first Dissertation Committee Meeting</td>
<td></td>
</tr>
<tr>
<td>Dissertation Committee Meetings</td>
<td>Meet Every Four Months, Starting After Approval of Letter of Intent</td>
<td></td>
</tr>
<tr>
<td>Formal Proposal Defense</td>
<td>Maximum Six Months After Approval of Letter of Intent (BMN and NEPI students: Maximum 4 Months)</td>
<td></td>
</tr>
<tr>
<td>Approval of Dissertation Proposal</td>
<td>Maximum One Year After Passing Oral Exam</td>
<td></td>
</tr>
<tr>
<td>Scheduling of Dissertation Defense</td>
<td>Minimum Two Weeks Notice</td>
<td></td>
</tr>
<tr>
<td>Approval of Dissertation/Completion of Degree</td>
<td>Maximum Seven Years From Enrollment in Ph.D. Program</td>
<td></td>
</tr>
</tbody>
</table>
III B. Figure for Completion of Doctoral Program

Name: ______________________________

* Part-Time Ph.D. students can send a petition to the Academic Dean for Education for modification to the timeline.

Admission to Doctoral Program

Coursework completed

Qualifying Examination Passed
- Admission to Candidacy

Approval of Letter of Intent
- Provisional Approval LOI
- Thesis Committee Appointed

First Formal Committee Meeting

Dissertation Proposal Defense

Proposal Approved

Dissertation Approved for Defense

Dissertation Defense

Approval of Dissertation

One-month limit between Completion of Required Coursework and Request to Take Qualifying Examination

Three-month limit between Passing Qualifying Exam and Submitting Letter of Intent (BMN and NEPI: Two Months)

One-month limit between Appointment of Committee and its First Formal Meeting

Six month limit between Approval of Letter of Intent and Formal Proposal Defense (BMN and NEPI: Four Months)

Maximum Seven Year Limit From Enrollment to Completion of Degree

Minimum two weeks’ notice to schedule Defense

Committee meets every 4 months from Approval of Letter of Intent:
III B 1. Timing of the Ph.D. Degree

The amount of time taken to complete the Ph.D. varies depending on the student's previous preparation, the nature of the doctoral research, and other circumstances. University policy states that there is a time limit of seven years from first registration in the doctoral program to completion of the degree. Students who fail to complete their degree requirements in the allotted time, or fail to adhere to the “Figure for Completion of Doctoral Program” in section III B., may be dismissed from the program by the Academic Dean for Education upon recommendation of the Curriculum and Degrees Committee. Students who have been dismissed may apply for re-admission; students who have been dismissed from the School because the Qualifying Examination was not passed, however, may not be re-admitted. If a student has taken an approved leave of absence from the Friedman School, the time the student was on leave does not count against the seven-year time limit.

The total cost of the Ph.D. is six full semesters of tuition for students who complete both a master’s and a Ph.D. at the Friedman School. It is four full semesters for students entering the Friedman School for the doctoral degree only. A continuation fee is paid each semester that a student is enrolled after the student has paid the required tuition. The amount of this fee is posted on the Friedman School website at: http://nutrition.tufts.edu/admissions/tuition-expenses-financial-aid.

Registration deadlines and late registration penalties apply.

III C. Readmission to the Ph.D. Program

A student who withdraws or is dismissed from the Doctoral Program may reapply for admission. If re-admitted, the student will be treated as a new, incoming student. This means that s/he must fulfill all course requirements or be exempted based on previous coursework completed within the last seven years or demonstrated competency in the area of study; s/he may petition the Academic Dean for Education to count coursework completed while previously enrolled at the Friedman School toward the requirement to take a minimum of four credits while enrolled. The student must re-take the Qualifying Examination (see section III C). Finally, s/he is subject to the “Timeline for Completion of Doctoral Program” outlined in section III A, starting from the date of new registration.

III D. Individualized Development Plans

The Individualized Development Plan (IDP) is a tool designed to assist students in identifying and achieving professional development goals. Doctoral students are required to complete the IDP. The IDP requires considerable thought and should not be completed in one sitting. Students are strongly encouraged, but not required, to discuss their completed IDP with the dissertation advisor and committee, as well as other mentors. Submission of the IDP to faculty or the Office of Student Affairs is not required.

The Annual Progress Report is a tool designed to help the student assess progress towards the goals initially identified in the IDP and thereafter modified. Students are required to complete the Annual Progress Report every September after the first year in the doctoral program and discuss it with their Dissertation Advisor. Students are also required to email the Annual Progress Report to the Academic Dean for Education. Please note that the form itself has no room to indicate a name or student number, thus receipt of an email with the form attached is required.

Students and faculty will be alerted to resources at the University which may contribute to professional development goals identified in the IDP and Annual Review. Students and faculty
may also contact the Office of Student Affairs or the Academic Dean for Education to discuss appropriate resources.

The IDP and its Annual Progress Report may be found in the Forms section of the Friedman School's website.

III E. The Qualifying Examination for Entrance into Ph.D. Candidacy

III E 1. Purpose of the Examination

The qualifying examination is intended to demonstrate the student’s mastery of certain topic areas and his/her competence to conduct dissertation research. Passing the Qualifying Examination is the prerequisite for admission to the Ph.D. candidacy. No student may submit a Dissertation Proposal for approval prior to admission to candidacy.

III E 2. Timing of the Examination

Full-time students must request the Qualifying Examination within one month after completion of coursework needed to fulfill Friedman School degree requirements. Students are encouraged to take the Qualifying Examination as soon as possible after the first registration in the doctoral program. Students completing their M.S. at the Friedman School who have been officially admitted to the doctoral program may take their Qualifying Examination after completing the M.S. but before registration in the doctoral program the following semester. Students may take the Qualifying Examination prior to the completion of required coursework, but should consult with their Academic Advisor prior to this decision.

III E 3. Topic Areas for the Qualifying Examination

The topic areas for the Qualifying Examination in each program are as follows:

Agriculture, Food and Environment:
1. General Nutrition
2. Agriculture, Food, and Environment
3. Student's Specialization
4. Defense of the written research proposal prepared by the student

Food Policy and Applied Nutrition:
1. General Nutrition
2. Food Policy
3. Student's Specialization
4. Defense of the written research proposal prepared by the student

Biochemical and Molecular Nutrition:
1. General Nutrition
2. Nutritional Biochemistry
3. Student's Specialization
4. Defense of the written research proposal prepared by the student

Nutrition Interventions, Communication and Behavior Change:
1. General Nutrition
2. Study Design and Interventions
3. Communications and Behavior Change
Nutritional Epidemiology:  
1. General Nutrition  
2. Nutritional Epidemiology  
3. Biostatistics  
4. Defense of the written research proposal prepared by the student

The General Nutrition component of the examination will cover subjects related to the general science of nutrition as well as the application of that science to policies and programs.

Students who wish to be examined in an area other than their Specialization may petition the Academic Dean for Education, with the approval of their Academic Advisor, to be examined in a different area. Areas for examination must be supported by at least three credits of graduate-level coursework, which may be taken outside the Friedman School.

For most students, the selected areas for examination will serve as the foundation for future dissertation research. However, since the Dissertation Proposal is submitted after the examination, the examination and the dissertation research are not formally tied to one another.

III E 4. The Examining Committee

When a student and the Academic Advisor agree that the student is prepared to take the Qualifying Examination, the student submits a written request for the examination to the Academic Dean for Education. The request must specify the testing areas as described above, and must be signed by the student and the Academic Advisor. The Examining Committee, including a Chair, is appointed by the Academic Dean for Education.

The Examining Committee is composed of three individuals with doctoral-level degrees. At least two members must be Friedman School faculty members. A student's Academic Advisor may not be a part of the examining committee. A student may request in writing to the Academic Dean for Education that a specific faculty member not be appointed to the examining committee. This information will be held in confidence. Only one such request may be made.

III E 5. Scheduling the Examination

The Committee and the student must agree on a time at which the written examination question will be given to the student by a Friedman School staff member designated by the Academic Dean for Education, and on a time (typically three to five weeks later) at which the student will take the oral Qualifying Examination. The designated staff member formally notifies the student, the members of the Examining Committee as well as the Academic Dean for Education of these dates in writing, usually by email announcement. This is usually within eight to ten weeks after the Examining Committee is appointed.

III E 6. The Format of the Examination

III E 6a. Examination Overview

The Qualifying Examination consists of a written research proposal, and an oral examination covering four areas, each with equal weight. The four areas for the examination are as specified in Section III D 3 "Topic Areas for the Qualifying Examination" above.

Below summarizes the Qualifying Examination process:
1. Dates for when the research question will be delivered to the student and for the oral Qualifying Examination are scheduled and provided to the student and the committee. The oral examination takes place at least three weeks after the student receives the question to allow the committee at least two weeks to evaluate the submission;
2. Students will be given a research question and will have seven days to develop a written response in the form of a research proposal;
3. The student will proceed directly to the oral Qualifying Examination without any feedback from the examiners or from any other person on the content or quality of the written research proposal;
4. Defense of the written research proposal will be one of four areas of examination during the Qualifying Examination;
5. Failure of any one of the four areas of the Qualifying Examination will constitute a failure of the oral examination;
6. A failure of the research proposal component can result from an inappropriate written proposal or a failure of its oral defense;
7. A failure of the research proposal component will be handled in the same manner as would a failure in the other examination areas, as follows:
   a. General areas of deficiency or weakness will be communicated to the student to help in preparation for a second examination.
   b. Whether or not the student passed the research proposal component at the first qualifying examination, the research proposal remains a topic area for examination at the second qualifying examination.
8. Under some circumstances a student may be required to modify or rewrite the proposal even if the student fails the research proposal component of the qualifying examination. However, a new research question can be assigned at the discretion of the examination committee.

III E 6b. Written Research Proposal Component

Purpose of the Written Component

The intent of the written component of the doctoral qualifying examination is to assess the preparedness of the student to develop testable research hypotheses and design a feasible study to test those hypotheses, expressed in the form of a research proposal. This component of the qualifying examination should demonstrate an understanding of what constitutes high quality research, including its feasibility, coherence, appropriateness of design and ethical conduct. Specifically, the written component should test the student's ability to:
1. Explain the significance of a research question in the context of current knowledge;
2. Develop one or more testable hypotheses from a broadly stated research question;
3. Specify valid, measurable variables to be used to test the research hypothesis(es);
4. Develop a feasible research design and employ appropriate tools to collect needed data to test the hypotheses;
5. Design appropriate, relevant statistical analyses for these hypotheses in the context of the proposed design;
6. Specify the logistics, timing, and resources required to conduct the proposed study;
7. Describe the expected findings of the proposed study, identifying the new knowledge that they provide, and indicate their potential implications, and any limitations relative to the research question.

Format of the Research Question

The examination question takes the form of a research topic relevant to the student's program of study. The question is stated in a manner that will allow the student the opportunity to develop one or more specific research hypotheses.

Specific requirements can be stipulated by the committee (such as location of the study, population, age, resources, etc.) if they do not compromise the intent of the independent development by the student of testable hypotheses and specification of variables, study design and resources to be used in an original research project.
The question typically contains a brief background statement (two to four sentences) to help the student place the examination question into the appropriate context.

Format of the Written Component of the Qualifying Examination

One of two research proposal formats will be required for students to use at the discretion of the Examination Chair. The required format for the Written Component will be stipulated when the Examination question is assigned to the student.

Format of the Research Proposal Component of the Qualifying Examination for Students in Food and Nutrition Policy

General Instructions:
1. The proposal should be understandable by a scientifically literate reader who does not have direct experience with the focus of the proposed research. Table 1 below lists typical elements, the maximum total length and approximate lengths for each element.
2. The proposal should be double spaced using 12-point font. Use standard paper size (8 ½” x 11) with at least 1 inch margins (top, bottom, left, and right) for all pages. No information should appear in the margins except page numbers. Color graphics may be used, but distinctions should be visible in grayscale when the proposal is printed and reviewed by examiners in black and white.

<table>
<thead>
<tr>
<th>Required Element</th>
<th>Maximum total length: 30 double spaced pages; typical lengths for each section shown below</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abstract</td>
<td>150-200 words</td>
</tr>
<tr>
<td>Problem statement</td>
<td>2</td>
</tr>
<tr>
<td>Motivation and objectives</td>
<td>2</td>
</tr>
<tr>
<td>Contribution to the literature</td>
<td>4</td>
</tr>
<tr>
<td>Anticipated results and impact</td>
<td>2</td>
</tr>
<tr>
<td>Research design</td>
<td>10</td>
</tr>
<tr>
<td>Hypotheses</td>
<td>6</td>
</tr>
<tr>
<td>Study design and data requirements</td>
<td>3</td>
</tr>
<tr>
<td>Analysis plan and statistical methods</td>
<td>2</td>
</tr>
<tr>
<td>Logistics, timing and resource requirements</td>
<td>1</td>
</tr>
<tr>
<td>Ethics and protection of human subjects</td>
<td>No limit</td>
</tr>
</tbody>
</table>

The sections below describe the purpose of each element. For all sections other than the abstract, lengths shown are merely indicative. Research proposals may vary in the length of each section, as long as the total remains under 30 pages of text, plus references and any tables or charts.

Abstract (Maximum of 200 words)

Provide a succinct and accurate description of the proposed research. State the project’s broad, long-term objectives and specific goals, anticipated results and impact on society, and your research design in terms of hypotheses, data and methods. This section should be understandable to any literate reader, and also allow a specialist in your field to distinguish your project from others in the same field. Extreme brevity is highly desirable, hence the limit of 200 words.
Problem statement
This part of the proposal describes the problem that your research will help solve. The three elements described below are frequently used, but some situations might call for different section headings or sequence of presentation. Typical lengths are shown below, but shorter is better, with the total for all sections adding up to less than 30 pages.

Motivation and objectives (≈2 pages)
This section typically provides a brief summary of the situation that your research aims to improve, and the goals that your research can realistically achieve. Your motivation and objectives should be sufficiently broad as to interest the funder and a wide range of readers, and yet specific enough to be feasible for you. You may use the public health language of long-term goals, specific aims and principal outcomes, or use the program design terminology of strategic objectives and intermediate results, as long as the reader can clearly see why investing in this project is likely to be worthwhile.

Contribution to the literature (≈4 pages)
This section places your work in the context of previous research, identifying the specific precedents that you will use in your work. This is not a literature review of everything written on your topic, nor a systematic review of previous results, but a specific reference to the previous publications that establish the importance of your problem and the validity of your approach. Your goal should be to establish why the particular methods and data sources you propose are likely to generate robust new findings.

Anticipated results and impact (≈2 pages)
Before specifying your own research design, it is often useful to explain what you are looking for, to explain what changes in programs, policies or practices might follow from successful pursuit of your research. This section answers the “so what?” question regarding how your contribution to the scholarly literature might influence real-world outcomes.

Research Design
This part of the proposal explains how you will solve the problem that motivates your work. Your motivation and objectives could potentially be met in a variety of ways, and the following elements are used to explain the specific way you intend to accomplish your goals.

Hypotheses (≈1 page)
This section, sometimes called “Theory”, provides the logical framework through which you intend to interpret the data you observe. Most studies derive hypotheses from a combination of previous observations and logical inferences, which you should summarize briefly here.

Study design and data requirements (≈10 pages)
This section describes how you will observe things in such a way as to test your hypotheses. In some cases, you will use a randomized trial, field experiment or other methodology with a tightly controlled data collection process. In other cases, you will use surveys or other observational data in which statistical techniques play a larger role in hypothesis testing. You may also be collecting data to populate and calibrate a simulation model, or conducting qualitative research of various kinds. This section should describe how you will obtain all of the data you anticipate needing, and why you believe those data to be sufficient to fulfill your objectives. The section should also highlight how your design has addressed limitations of previous work, what limitations remain, and alternative strategies that might be open to future researchers beyond the study you propose.
Analysis plan and statistical methods (≈6 pages)
This section describes how you will interpret your data to test your hypotheses. In a few cases, the methods are largely embodied in the data collection strategy, so very little interpretation is needed. For example, an ideal randomized trial might permit outcomes across treatments to be compared directly with no transformation of the data and only the simplest statistical test. In most studies, however, the raw data must be transformed and interpreted using a variety of statistical techniques trusted by scholars in that field.

Logistics, timing and resource requirements (≈3 pages)
This section should summarize the timeline of your research in a bulleted list or table of milestones to be reached in each period of time, typically in expressed in months over the expected duration of the study, and any other logistical information needed for readers to understand how your work is likely to be implemented. The section should then itemize the resources required in terms of people, transportation and lodging, software, equipment, supplies and so forth. You do not need to identify the monetary cost of each resource, but must show that you have thought through the logistics and timing of your research, and how it could realistically be conducted if funds were available. Summarize the list of resources required in a clear, carefully-formatted table using a standard budget format, with rows for specific items and columns for any needed description of those items and the quantity required. The typical sequence starts with personnel time in days, or as a percentage of full-time-equivalent (FTE) per month, then travel showing the number and duration of trips to each destination, and any needed software, equipment and supplies. For this proposal, you need to list only the quantities, whereas for an actual grant you would list prices and total expenditure including fringe benefits for personnel, and indirect "overhead" costs for institutional support. After the table of resource requirements, you should write a brief justification the quantities of each item listed.

Ethics and protection of human subjects (≈2 pages)
If human subjects are involved in the research plan, address each of these elements:
1. Briefly state proposed methods for recruiting any human subjects;
2. Summarize the process for obtaining informed consent (who will obtain, where/how, from whom, in what form);
3. Explain how confidentiality will be managed;
4. Describe any known potential risks to subjects (physical, psychological, financial, legal, or other) and how these risks will be minimized;
5. Describe how any benefits (to individual participants and/or to society) outweigh these risks.

Students may wish to consult the SBER/IRB website for further information about how to appropriately respond to this section: http://www.tufts.edu/central/research/IRB.

Format of the Research Proposal Component of the Qualifying Examination for Students in Nutritional Biosciences

General Instructions:
1. The proposal should be understandable by a scientifically literate reader who does not have direct experience with the focus of the proposed research. Table 2 below lists the required elements and the maximum length for each element.
2. The proposal should be double spaced using 12-point font. Use standard paper size (8 ½" x 11) with at least 1 inch margins (top, bottom, left, and right) for all pages. No information should appear in the margins except page numbers. Color graphics may be used, but distinctions should be visible in grayscale when the proposal is printed and reviewed by examiners in black and white.
Table 2. Research Proposal Elements for Students in Nutritional Biosciences

<table>
<thead>
<tr>
<th>Required Elements</th>
<th>Maximum Length (Double Spaced Pages)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Summary</td>
<td>2</td>
</tr>
<tr>
<td>Specific Aims</td>
<td>2</td>
</tr>
<tr>
<td>Research Strategy</td>
<td></td>
</tr>
<tr>
<td>Significance</td>
<td>4</td>
</tr>
<tr>
<td>Approach</td>
<td>18</td>
</tr>
<tr>
<td>Human Subjects and/or Vertebrate Animals</td>
<td>2</td>
</tr>
<tr>
<td>Resources and Resource Justification</td>
<td>2</td>
</tr>
<tr>
<td>References</td>
<td>No limit</td>
</tr>
</tbody>
</table>

**Project Summary (up to 2 pages)**
The purpose of the Project Summary/Abstract is to succinctly describe succinctly major aspects of the proposal. The following elements should be included:
1. A brief background of the project
2. Specific aims, objectives, or hypotheses
3. Significance and relevance of the proposed research to nutrition and health
4. Methods
5. Expected results
6. A description of how results will affect research in the field

**Specific Aims (up to 2 pages)**
State the overall goals and testable hypotheses of the propose project. Summarize the expected outcomes and briefly describe the impact of these outcomes.

Succinctly describe the specific objectives proposed to achieve the goals of the project.

**Research Strategy**

**Significance (up to 4 pages)**
In this section summarize existing knowledge in the area of the project topic. Explain the importance of the problem and the importance of the hypothesis to be tested. Indicate how results will fill knowledge gaps and will advance the field.

**Approach (up to 18 pages)**
In this section describe the methods to be used to accomplish the specific aims of the project:
Provide an overview of the experimental design. Each of the below elements should be addressed in this section:
1. Methods and analyses to be used to accomplish the specific aims of the project
2. How data will be collected, analyzed, and interpreted
3. Potential difficulties and limitations and how these will be overcome or minimized, and alternative strategies
4. Expected results, and alternative approaches that will be used if unexpected results are found
5. A timetable for conduct of all phases of the project

**Human Subjects and Vertebrate Animals (up to 2 pages)**
If human subjects are involved in the research plan, address each of these elements:
2. Summarize the process for obtaining informed consent (who will obtain, where/how, from whom, in what form).
3. Explain how confidentiality will be managed.
4. Describe any known potential risks to subjects (physical, psychological, financial, legal, or other) and how these risks will be minimized.
5. Describe how any benefits (to individual participants and/or to society) outweigh these risks.

Students may wish to consult the SBER/IRB website for further information about how to appropriately respond to this section: [http://www.tufts.edu/central/research/IRB](http://www.tufts.edu/central/research/IRB).

Resources and Resource Justification (up to 2 pages)
Summarize the resources needed to complete all phases of the proposed research. Use the format in Table 3 below; the text in italics provides examples only and should not be included in your Resource table. Quantify the number or amount of needed resources. Do not indicate the cost of resources.

In a section labeled Resource Justification that follows the Resource table, briefly state the justification for each resource (1-3 sentences for each resource). State how and why the number or amount for each resource was calculated.

| Table 3 |
| Resources for Entire Project Period |
| Entries in italics are examples |

<table>
<thead>
<tr>
<th>Category</th>
<th>Resources</th>
<th>Quantification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personnel (role and % effort)</td>
<td>Principal Investigator</td>
<td>90%</td>
</tr>
<tr>
<td></td>
<td>Biostatistician for microbiome analysis</td>
<td>5%</td>
</tr>
<tr>
<td>Materials &amp; Supplies</td>
<td>LC/MS measurement of serum vitamin K metabolites</td>
<td>400 samples</td>
</tr>
<tr>
<td></td>
<td>Food frequency questionnaires</td>
<td>200</td>
</tr>
<tr>
<td></td>
<td>(includes questionnaire and analysis)</td>
<td></td>
</tr>
<tr>
<td>Animal or Human Study</td>
<td>Ob/Ob mice</td>
<td>100 mice</td>
</tr>
<tr>
<td></td>
<td>Study stipends</td>
<td>44 subjects</td>
</tr>
<tr>
<td>Travel</td>
<td>Travel to EB to present results</td>
<td>1 trip</td>
</tr>
<tr>
<td>Publications</td>
<td>Publication costs</td>
<td>3 publications</td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Preparation of the Research Proposal Component of the Qualifying Examination
The written research proposal should reflect the student's knowledge and preparedness to undertake doctoral research. The student should receive no assistance from the faculty or students or any other person when preparing the written examination except for clarification from the chair of the examining committee. The student should receive no feedback from any person after submitting the written examination and before taking the oral examination.

Administration of the Written Proposal Question
The student will receive the assigned question in writing from the Friedman School staff member designated by the Academic Dean for Education at a time agreed upon by the student and the
Examining Committee, and must return the completed assignment to the designated staff member within seven calendar days. Failure to meet the deadline constitutes failure of the qualifying examination.

III E 6c. Oral Qualifying Examination

Format

The oral examination is a 2-1/2 to 3-hour examination covering four subject areas: General Nutrition, the student's program area, an additional topic area (usually the student's specialization), and the research proposal. One examiner is appointed for each subject, except the research proposal, which is addressed by all the examiners and moderated by the chair. The examination is structured to test a student's factual knowledge and his/her ability to synthesize, interpret, and make use of that knowledge.

Typically, the examination is given in sections by topic, with the appropriate examiner leading the discussion. Other committee members may ask questions during sections other than their own. The oral examination may be attended by any member of the Friedman School faculty with the approval of the chair, examination committee and the student. Non-committee members are typically allowed to ask a limited number of questions at the end of the examination. Other students are not permitted to attend. The Chair of the Examining Committee designates the order of the examiners and sets limits on the time allotted to each examiner and to questions from other faculty members.

After all questions are asked, the student and all non-committee members are asked to leave the examining room and the committee discusses the performance of the student. Discussions in the committee are confidential. Only members of the examining committee determine whether a student passes or fails an examination.

See Appendix 19 for Friedman School Doctoral Qualifying Examination Performance Assessment Rubric.

III E 7. Preparation for the Oral Qualifying Examination

A student may meet with each examiner once to receive guidance on how to prepare for the exam. The examiner may provide a list of suggested readings and/or an outline of the general subject matter to be covered in the exam.

III E 8. Defense of the Research Proposal Component of the Qualifying Examination

The evaluation process starts during the two weeks after the student submits the completed proposal when the examiners consider the written response individually. The committee may choose to meet prior to the qualifying examination date to discuss the written proposal, but under usual circumstances the examination committee may wish to meet and discuss the proposal when it convenes for the qualifying examination prior to the start of the actual examination. Weaknesses in the written proposal should be probed at the qualifying examination to identify if the student has an understanding of any flaws and can suggest appropriate changes in the proposal to correct or minimize potential problems.

If, in the judgment of the committee, the student did not pass the research proposal component, the committee provides general feedback to the student identifying areas of weakness although not providing specific details. For example, appropriate comments might include:

1. "Re-think your hypotheses."
2. "Are there any factors that might affect the feasibility of the proposed design?"
3. "Do you perceive any potential problems with proposed methods?"
4. "The statistical approach is inadequate for your design."

The comments are similar in nature to those that are provided to students who fail the other components, that is, what the weaknesses were and why the student failed.

**III E 9. Examination Outcomes**

Students may take the qualifying examination no more than twice.

The decision to pass or fail the oral examination is based on the student's performance in all four areas of the exam. Examiners base their judgment of the student's performance on the entire examination, not only on their own section. All three examiners must vote unanimously for the student to pass the exam. Failure on any section constitutes failure of the examination. A student who fails the qualifying examination must retake the entire qualifying examination covering all four areas.

If a student fails a qualifying examination, the Examining Committee may recommend additional coursework. When additional coursework is recommended by the Examining Committee, the second qualifying examination must be completed within four months following completion of the recommended course(s). If no additional coursework is recommended, the second examination must be completed within four months of the failure date. The student should submit in writing a petition to the Academic Dean for Education to reschedule the qualifying examination. The Examining Committee will be the same for both examinations. If a student fails two qualifying examinations, the student is dismissed from the Friedman School.

**III F. The Doctoral Dissertation**

The dissertation demonstrates that the student is capable of conducting independent research that results in a substantial and original contribution to knowledge in the field of nutrition science or policy. Dissertation research is intended to provide the doctoral candidate with the opportunity to develop skills in theoretical and critical thinking, hypothesis formation, project development, data gathering, analysis, and presentation of research findings. Students may write dissertations based on secondary data if they have had experience collecting primary data at some time in their professional or academic careers. Students must petition the Academic Dean for Education for permission to do research based on secondary data, citing their previous primary data collection experience.

Dissertation research that involves the use of data collected from human subjects must be approved by the Institutional Review Board. This requirement applies to the collection of primary data and to the use of secondary data. It is the responsibility of the student to provide documentation from the Institutional Review Board that approval or exemption has been obtained.

Dissertations are intended to lead to the publication of results in scholarly literature. Dissertations themselves are a form of publication and are presented in a public forum as a requirement for completion of the degree. Therefore, students should not undertake dissertation research on projects that involve proprietary data or data covered by a confidentiality agreement if presentation or publication of their dissertation research will be restricted or delayed by such agreements. The student and the dissertation advisor are responsible for ensuring that presentation and publication of dissertation research will not be subject to such delay or restriction.

Students should be aware that some peer reviewed journals will not accept for publication data that have already been publically disseminated. Thus, prior to defending their dissertation,
students should not disseminate any part of their dissertation in a form that could jeopardize subsequent publication.

When dissertation research develops information, products or processes that may be proprietary or patentable, this fact must be brought to the attention of the Tufts University Office of Technology Transfer at the earliest possible date. Where the research will result in a patent application, the application must be filed by Tufts University before presentation or publication of the research results. It is the responsibility of the student and dissertation advisor to ensure that preparation and filing of a patent application does not delay presentation or publication of the dissertation research. Information and forms are available from the Office of Licensing and Industry Collaboration (formerly called the Office of Technology Transfer), http://www.techtransfer.tufts.edu/Phone: (617) 636-6657

III F 1. The Dissertation Advisor

When the student submits the form to request the doctoral qualifying examination, s/he also formally requests that the Academic Dean for Education appoint a Friedman School faculty member as the Dissertation Advisor. The Dissertation Advisor may, but need not be, the same person who was the Academic Advisor. When appointed, the Dissertation Advisor assumes the duties previously performed by the Academic Advisor, in addition to the specific duties related to the dissertation.

III F 1a. Roles and Responsibilities of the Dissertation Advisor

Broadly, the Dissertation Advisor serves as the point of communication between the Dissertation Committee and the student, as well as between the Dissertation Committee and the Academic Dean for Education.

The specific duties of the Dissertation Advisor are to:
1. Work with the student to identify potential dissertation projects;
2. Help the student identify and secure resources to support the research;
3. Oversee the development of the Proposal including (but not limited to) methods, preliminary data, assessment of project feasibility;
4. Determine when the Letter of Intent (preliminary Dissertation Proposal) is ready to be submitted to the Academic Dean for Education for formal approval;
5. Work with the student to identify potential committee members with appropriate expertise to support the dissertation project;
6. Mentor the student through all phases of the dissertation project including reading and editing drafts of the Proposal and dissertation;
7. Chair all dissertation committee meetings;
8. Oversee the fulfillment of the responsibilities of the Dissertation Committee;
9. Submit the appropriate paperwork to the Office of Student Affairs so that the degree may be awarded;
10. Approve the completed final draft of the dissertation for the final reading by the Dissertation Committee.

III F 1b. Changing the Dissertation Advisor

Students who wish to change Dissertation Advisors should discuss the matter with the Academic Dean for Education. Requests to change Dissertation Advisors will be considered on a case-by-case basis. If a change is approved, the Academic Dean for Education appoints the new Dissertation Advisor and informs the former Advisor and the Office of Student Affairs of the change.
If the Dissertation Advisor leaves the Friedman School, the student should contact the Academic Dean for Education to develop a plan as soon as possible. If work on the Proposal or the dissertation is not far advanced, the student is encouraged to choose a new advisor from the Friedman School faculty. Other options, depending on the stage of the research, include but are not limited to the following:

1. The student may choose to change the dissertation project and advisor. This will require submission and approval of a new Proposal;
2. The student may choose to continue work on the project and complete the project at the Friedman School. In this case, the student may be supervised from afar by the original Dissertation Advisor;
3. The student may choose to move to the Dissertation Advisor’s new institution to complete the dissertation research.

All plans related to this special situation must be formally approved by the Academic Dean for Education.

III F 2. The Dissertation Committee

Prior to the start of dissertation research, the student and the Dissertation Advisor work together to develop a potential dissertation project. The project is submitted to the Academic Dean for Education for preliminary review in the form of a Letter of Intent (including a separate Statement of Student’s Independent Intellectual Contribution and Statement of Preparedness for Dissertation Research (see Sec. III E 3 a., "The Letter of Intent," etc.). At the time the student submits the Letter of Intent, s/he also identifies potential members of the Dissertation Committee in addition to the Dissertation Advisor. These should be individuals who have specific expertise that will be useful to the student during the dissertation research. The student should discuss potential committee members with the Dissertation Advisor and, with the Advisor's agreement, should contact them to determine their willingness to serve on the Dissertation Committee. The student must also submit a Letter of Intent Approval Form signed by their potential committee members. This form can be found on the Forms pages of the Friedman School website. Committee members are appointed by the Academic Dean for Education at the time of approval of the Letter of Intent.

III F 2a. Roles and Responsibilities of the Dissertation Committee

The Dissertation Committee serves two roles. First, the members act as advisors to the student, helping the student to assess research questions and to overcome problems associated with the dissertation research. In addition to formally scheduled Committee meetings, students are also encouraged to informally meet with their Committee members, as needed. Second, the members give objective assessment of the student’s progress throughout the research process. This includes final assessment of the acceptability of the Dissertation Proposal, assessment of the progress of the research, and final assessment of the acceptability of the dissertation and the dissertation research.

Dissertation Committee members are intended to be active participants in all stages of the preparation of the dissertation, and students are encouraged to draw on their professional expertise and judgment. Nonetheless, the student is responsible for all writing, editing, and interpretation of the results of the dissertation research. Although committee members often read and comment on portions of the draft dissertation, only the Dissertation Advisor is obligated to read and edit drafts of the dissertation and its individual parts. The Dissertation Committee is obligated to read only the final draft of the dissertation in its entirety (see III D 5 “Final Reading”).
III F 2b. Composition of the Dissertation Committee

The Dissertation Committee consists of a minimum of three members, of whom at least two must hold faculty appointments at the Friedman School. The Dissertation Advisor, a Friedman School faculty member, serves as chair. Committee members typically hold doctoral degrees, but this requirement can be waived upon petition to the Academic Dean for Education. Only one member of a Friedman School research group, or HNRC laboratory, may serve on a three-member committee. Up to one additional member of a research group may be added to a Dissertation Committee upon written petition to the Academic Dean for Education. Petitions should include the name of the proposed additional member, specific expertise s/he will provide, and the reason this expertise is needed. Specific requests regarding the composition of the committee are listed on the Letter of Intent Approval Form, available on the Friedman School website’s Forms page.

III F 2c. Compact Between Doctoral Candidates and their Dissertation Committee

The Compact, which can be found in the Forms section of the Friedman School website, describes a set of guiding principles and specific commitments between the doctoral student and the thesis advisor, committee members and in some cases also other research mentors. In signing this compact, the student and their committee chair acknowledge these principles and agree to take primary responsibility for pursuing these goals, while each committee member (and, optionally, other research mentors) agrees to support that effort and provide additional mentorship following these principles and mutual commitments.

The Compact should be discussed and signed by the doctoral student and thesis advisor when an agreement is reached to work together on the doctoral thesis. This may take place before or after the Qualifying Examination, and should be completed no later than when the thesis Letter of Intent is submitted. The student should discuss the Compact with each thesis committee member and obtain signature at any point after the committee is named, and all signatures should be obtained no later than the first thesis committee meeting. Additional research advisors who are not committee members may also be asked to sign the compact, for students who work closely with them.

The student should provide electronic, paper scans or photocopies of the signed compact to the thesis advisor and committee members, and a copy should be submitted to the Office of Student Affairs.

III F 2d. Changing Dissertation Committee Membership

Either a student or a Dissertation Advisor may request a change in membership of the Dissertation Committee by petitioning the Academic Dean for Education in writing. The petition should give the name of the member(s) to be replaced, the name and institutional affiliation of the member(s) to be added, and the reason for the change. The request for a change must be signed by the student and the Dissertation Advisor.

Members may be added to or removed from a Dissertation Committee by the Academic Dean for Education on petition of the student, Dissertation Advisor, Dean, or Academic Dean for Education, followed by a vote of the Curriculum and Degrees Committee. A committee member may withdraw from the committee upon written request to the Academic Dean for Education. The Academic Dean for Education will discuss proposed changes with the members who are to be added or removed prior to formal action being taken.
III F 2e. The Dissertation Committee Meeting

It is the responsibility of the dissertation advisor to ensure that Dissertation Committee meetings are held according to Section III A. “Summary of the Requirements for the Ph.D. Degree,” item 5. Recurrent problems with scheduling should be discussed with the Academic Dean for Education.

The first formal committee meeting must take place within one month of the approval of the Letter of Intent and appointment of the Dissertation Committee. After the first meeting, the Dissertation Committee must meet at least once every four months. All Committee members must be present at the first meeting. Thereafter, a Dissertation Committee meeting will be considered official if no more than one member is absent. However, the Dissertation Advisor must be present either in person (preferred) or via conference call at every meeting. The student must provide the absent members with a copy of the Dissertation Committee meeting report form and copies of all written materials presented at or resulting from the meeting.

At the first Dissertation Committee meeting, a formal time line should be developed for the work leading up to the Dissertation Proposal and for the completion of the dissertation research. The Committee will also comment on the Letter of Intent and begin advising the student on the proposed research.

After each committee meeting, the Dissertation Advisor completes a Committee Meeting Report Form summarizing the results of the meeting and specifying in writing the next steps that the students must perform, and submits it to the Office of Student Affairs. The report includes a time line for completion of the Proposal and the Dissertation, with the time line updated at each subsequent meeting. The form requires the signatures of the student and the Committee members. A faxed copy of the signed form is acceptable for all Committee members except the Dissertation Advisor.

At subsequent meetings, the student will report his or her progress to the committee. The Committee may require the student to submit a progress report at a specified time prior to the meeting. The Committee will offer advice based upon the student's presentation. Collectively, the student and the Committee will assess the progress of the student toward the completion of the Dissertation Proposal and later the dissertation research.

III F 2f. Authorship of Papers Arising out of Student Dissertations

Early in the process of planning the dissertation, the student and the Committee should identify the individual papers to be written, the expected contributions of the Committee members to each paper, and probable authorship. (See Appendix 2, Guidelines for Authorship.)

III F 2g. Special Rules Governing Students Conducting Research Outside Boston Area

Overseas Research

If a student is conducting research outside of North America, the following adaptation of the typical process must be followed regarding the interaction of the student with the Dissertation Committee.

Every four months the student must submit a written progress report (which may be emailed) to the Dissertation Advisor. This report should detail:
1. The work performed by the student during the previous four months;
2. How this work relates to the dissertation research;
3. New results (if any);
4. Problems that have arisen (if any);
5. An outline for what will be done during the upcoming four months.
Upon receipt of the written progress report, the following procedures should occur:

1. The Dissertation Advisor distributes a copy to each Committee member and convenes a meeting of the Committee, even if the student cannot be present, to discuss the report and the student's progress.

2. Within one month of receiving the progress report, the Dissertation Advisor responds in writing (or by email) to the student concerning the contents of the progress report. The Dissertation Advisor may summarize the comments of the other Committee members, or the members may send individual comments to the student. Copies of all written or E-mailed responses are submitted to the Friedman School Office of Student Affairs and shared with all the Committee members.

Students conducting overseas research must meet with the Dissertation Committee at least once every two years. At least three members of the Dissertation Committee must be present at this meeting; one of these members must be the Dissertation Advisor.

Students who travel outside the U.S. for school purposes must abide by international travel policies, as described in Section I H above.

**Off-site Research within North America**

Students conducting research in North America outside a 500-mile radius of Boston follow the guidelines listed for overseas research except that such students must meet at least once a year with the Dissertation Committee. In the absence of regular Dissertation Committee meetings, the student and Committee must also hold conference calls every four months concerning the results of the regular progress reports.

Students conducting off-campus research within 500 miles of Boston are expected to follow all of the rules governing students conducting research on-campus, i.e., they are expected to return to Boston every four months for a Dissertation Committee meeting. The Friedman School is not responsible for travel costs.

Students who travel outside the U.S. for school purposes must abide by international travel policies, as described in Section I H above.

**III F 3. The Dissertation Proposal Process**

**Letter of Intent**

The Letter of Intent is developed with the help of the Dissertation Advisor and must be submitted within three months following the successful completion of the qualifying examination. BMN and NEPI students must submit their Letter of Intent no later than two months after passing their qualifying examination. The Letter of Intent is intended to demonstrate the novelty and feasibility of the dissertation research, and to help ensure that the proposed project will generate a body of data and results sufficient for a doctoral dissertation. Along with the Letter of Intent, the student submits a letter or cover sheet stating the names of suggested individuals willing to serve on the Dissertation Committee (see above).

The contents of the Letter of Intent are as follows:

1. A description of the significance of the project (recommended length: one-half page);
2. The specific aims of the dissertation research (recommended length: one page);
3. A brief description of the methods to be used. In this section the student must demonstrate that s/he has expertise in the methods or that s/he has direct access to individuals with the required expertise. A statement of the feasibility of the methods should also be included (recommended length: one page);
4. The logistics and schedule/time line of the proposed research (recommended length: one-half page);
5. Resources and support for the project. This pertains to the funds needed to complete the proposed project, covering supplies and equipment, staff, travel costs, printing expenses, postage, etc. (recommended length: one-half page).

The entire Letter of Intent may be no longer than five pages (excluding references). The Letter of Intent should be double spaced, 12-point type, and have 1” margins. If the page requirements are not adhered to, the Letter of Intent will be returned unread.

Prior to submission of a complete Dissertation Proposal, the student must submit a Letter of Intent, Statement of Student's Independent Intellectual Contribution, and Statement of Preparedness for Dissertation Research to the Academic Dean for Education.

**Provisional Approval of the Letter of Intent and Appointment of the Dissertation Committee**

There may be extraordinary circumstances and opportunities under which students identify a topic for their Ph.D. dissertation research prior to the completion of their doctoral qualifying examination. For example, the imminent start of an experiment/study as dictated by funding sources. In such cases, the student should work with his/her presumed dissertation advisor to develop a Letter of Intent (LOI), identify potential dissertation committee members, and submit a request for **provisional approval** of the LOI and dissertation committee to the Academic Dean for Education. The intent of the provisional approval of the LOI and appointment of the dissertation committee is to ensure that all doctoral students receive the appropriate guidance and direction in their research before substantive work is completed.

Students should not begin their dissertation related research work until the LOI is provisionally approved and the dissertation committee is appointed by the Academic Dean for Education; dissertation related activities include formulation of specific aims and hypothesis, submission of institutional regulatory board documents and data collection. Please refer to the subsequent section entitled Letter of Intent for details and steps in the submission process. Once the LOI is provisionally approved and the Dissertation committee is appointed it is the responsibility of the dissertation advisor to ensure that dissertation committee meetings are held according to the schedule in section III E 2d. The timing of these meetings will be monitored by the Friedman School as for all doctoral students.

**Timeline for doctoral students with “provisionally approved LOIs”:** After the successful completion of the Ph.D. qualifying examination, students with a provisionally approved LOI must resubmit their LOI within one month, including any updates to the original LOI, and request the Academic Dean for Education to **formally approve** the LOI and the Ph.D. dissertation committee. If necessary, the dissertation advisor or the student may request changes to the dissertation committee membership at this time using procedures outlined in section III E 2c. Students must defend their dissertation proposal within 2 months from the formal approval of the LOI.

Students who do not pass the Ph.D. qualifying examination after 2 attempts will be withdrawn as a doctoral candidate from the Friedman School. Any research projects in which the student was involved may continue with the approval of their advisor.supervisor but this research will not qualify as evidence for a doctoral dissertation at the Friedman School (see section III A. for the summary of Ph.D. degree requirements).
Statement of Student's Independent Intellectual Contribution

Intellectual contribution is defined as a substantial, direct, intellectual contribution to the conception and/or design of the research. This is different from technical services, which, although essential to the work, are not in themselves sufficient contributions to justify intellectual contribution. Examples of intellectual contributions include, but are not limited to, significant input in the development of the study hypothesis, design of the study, development of study protocols, identification of study methodology, development or modification of methodology used in the project or development of new applications, unique settings for use of existing methodology, or responsibility for independent analysis and interpretation of results (1-page maximum).

The statement should be read and approved by all those whose names are being submitted as potential dissertation committee members.

Statement of Preparedness for Doctoral Research and Preliminary Review of the Proposal

The Letter of Intent should be accompanied by a statement of preparedness of the student to carry out the proposed research. The student is not required, or even expected, to possess all of the necessary skills from the outset. This statement formally documents the additional skills that the student is expected to acquire during the course of the research.

The statement should be read and approved by all those whose names are being submitted as potential dissertation committee members. The committee as a whole should discuss the statement with the candidate at the first committee meeting. At that time, the statement should be modified if necessary, approved unanimously by the committee, and made part of the formal dissertation record. The candidate or any committee member may ask that the statement be reviewed and modified at any time during the course of the research. The statement should be revisited and, if necessary, revised whenever a substantial change in the research is proposed.

The statement should follow the following outline. If a particular skill set does not apply to the proposed research, the student should so indicate.

Contents of the Statement of Preparedness are as follows:

1. Mastery of specific content areas: Describe the areas in which the research will take place, the candidate's preparation to date (coursework and experience), and any additional preparation needed before work can begin. Also, describe any background work that must be done while the research is ongoing.
2. Protection of human subjects: For research involving human subjects, state whether the candidate has received a certificate of completion for an approved program on protecting human subjects. Give the date on
3. Laboratory techniques: Describe any laboratory techniques that will be used, the candidate's experience with these methods, and any additional work that must be done for the candidate to become proficient in these methods.
4. Nonlaboratory data collection methods: Describe any nonlaboratory data collection methods that will be used. These include, but are not limited to, focused discussion groups, surveys and questionnaires, diet intake instruments, and anthropometric measures. Describe the candidate's experience with these techniques and any additional training that must be obtained for the candidate to become proficient in these methods.
5. Data management procedures: Describe the procedures for recording and managing the data generated during this research. Describe the procedures that will be used to create the files that will be used for statistical analysis. Describe the candidate's experience with these methods. If additional training will be needed for the candidate to become proficient, describe how it will be obtained (coursework or independent study). If the research will rely entirely on data files produced as part of another study, so state.
6. Statistical analysis techniques: Describe in detail the procedures and means by which the data will be analyzed and interpreted. Describe the candidate’s experience with these methods. If additional training will be needed, describe how it will be obtained (such as coursework or independent study).

The Academic Dean for Education reviews the Letter of Intent, Statement of Student’s Independent Intellectual Contribution and Statement of Preparedness within one month of their submission. If the Letter of Intent is approved, the Academic Dean for Education sends written notice of approval and formal appointment of the Dissertation Committee to the Office of Student Affairs, which will inform the Dissertation Advisor, the student, and the Committee Members. If the Letter of Intent is not approved, the Academic Dean for Education informs the student and the Dissertation Advisor in writing of the reasons for the disapproval. A revised Letter of Intent is submitted within one month of the student’s receipt of the disapproval notice.

The Academic Dean for Education reviews the Letter of Intent only for its suitability or further development. The final Proposal will incorporate the results of interactions with the Committee members and must be approved by the Dissertation Committee.

**III F 3b. The Full Dissertation Proposal**

The Dissertation Proposal is developed in consultation with the Dissertation Advisor and the Dissertation Committee, who must approve the Proposal after a formal, public defense. The Proposal specifies the research questions to be answered and methods to be used in the dissertation research. Changes in the research plan leading to the dissertation are expected even after the Proposal has been accepted. However, once the Proposal has been accepted by the Dissertation Committee, it serves as a contract between the student and the Dissertation Committee. Any substantial changes in the proposed research must be approved by the Dissertation Committee.

If the dissertation topic is changed, a new Letter of Intent must be submitted to the Academic Dean for Education. If, in the development of the research proposal or during the progress of the research, the dissertation topic changes so that it does not reflect the original Letter of Intent, a new Letter of Intent must be submitted to the Academic Dean for Education. The new Proposal must be successfully publicly defended. The student’s timeline will restart after the new Proposal is approved.

**III F 3c. Content and Format of the Dissertation Proposal**

**Content**

**Abstract**

The Abstract provides a succinct, accurate, and complete description of the proposed research. It states the broad, long-term objectives and specific aims, with reference to the significance of the project to the field. It should describe the research design and methods. The Abstract is limited to one single-spaced page.

**Table of Contents**

Pages of the Proposal are numbered consecutively throughout, starting at page 1 for the Research Plan. The Table of Contents lists page numbers for each heading and subheading. A separate list of tables and figures lists title and page number for each table and figure. These pages are numbered in small roman numerals.
Research Plan

Specific Aims: Describes the problem to be addressed, the long-term objectives of the research, and the specific research question or hypothesis to be tested (recommended length: 1 page).

Background and Significance: Reviews the background literature and state of current knowledge pertaining to the proposed research. This section should provide a critical review of existing knowledge, specifically identifying gaps, including those to be filled by the proposed research (recommended length: 5-10 pages).

Preliminary Studies/Data: This section describes any preliminary studies or data demonstrating the feasibility of the proposed project or supporting the research questions, hypotheses, or specific aims of the research (recommended length: 3 pages).

Research Design and Methods: Describes the research design and procedures to be used to accomplish the specific aims of the Proposal, including (for dissertations based on primary data), the means by which data will be collected, analyzed and interpreted. If primary data are to be collected, data collection methods are described in detail, with appropriate citations if needed. This section specifies the role and responsibilities of the student in completing the research (recommended length: 10-12 pages).

Potential Limitations or Difficulties Discusses possible limitations or difficulties in the proposed research methods and how they will be handled (recommended length: 1-2 pages).

References

This is a list of all the literature cited in the Proposal. The list may be alphabetical by author, or in order of citation in the text, as determined by the Committee. References shall be in a journal-appropriate format or a consistent format from a standard style manual. Each citation must include the names of all authors, title of article or chapter, title of book or journal, volume number, inclusive page numbers, and year of publication.

Timeline

Provides a schedule identifying specific milestones in the project and expected dates of completion for each. It is recommended that the schedule be presented as a chart, with descriptive explanatory text (recommended length: 1-2 pages).

Budget

Annual Budget: A detailed budget, broken down by year, should be presented in spreadsheet form. The categories include personnel (role, percent of effort, salary, and fringe); consultant costs; equipment; supplies; travel; other charges (including stipends, reimbursements for volunteers, fee-for-service contracts, books, and publication costs). (Page limit: 1 page per project year)

Budget Justification: A written justification for each budget item should be presented (recommended length: 1 page).

Format Requirements

All sections are typed using a 12-pitch or 10 cpi type. Except for the Abstract and references, which are single spaced, the Proposal is double-spaced. There must be no more than six lines of
text per vertical inch. Figures, charts, tables, figure legends, and footnotes may be smaller but must be clear and legible. Margins are one inch. Page numbering is bottom center.

The Proposal is limited to 30 pages, excluding the Abstract and Table of Contents, but including references. Appendices are discouraged but will be accepted for materials that are necessary for a proper review of the Proposal but do not fit the format as described below (such as questionnaire drafts). Appendices are not to be used to circumvent page limits.

III F 3d. Proposal Presentation and Approval

After the Dissertation Committee gives preliminary approval to the completed written Dissertation Proposal, the student presents the proposed research to the Friedman School community in a seminar. This presentation is done to solicit additional input and advice regarding the proposed research from the Tufts and Friedman School community. The seminar is announced at least two weeks in advance, and should be scheduled to last about 1 to 1-1/2 hours. The student presentation should include the significance of the research, the specific questions to be addressed, and the methods to be used to answer the questions. The presentation should last about 30 minutes, followed by comments and discussion from those attending. The student's Dissertation Committee must attend the presentation.

Immediately following this presentation, the student meets with the Dissertation Committee in executive session to assess the suggestions made and decide whether any modifications should be made to the Proposal. Once a decision has been reached, the Dissertation Committee agrees whether to approve the Dissertation Proposal, with or without changes. Required changes must be itemized in writing and signed by the Committee members and the student. If the changes are minor, the list of itemized changes may be submitted with the approved Dissertation Proposal Cover Sheet; these changes are considered part of the Proposal. If the changes require rewriting the Proposal, then approval is withheld until the Proposal is acceptable in the unanimous judgment of the committee. At that time, the Dissertation Proposal Cover Sheet, signed by the committee members and the student, is submitted to the Friedman School Office of Student Affairs along with a copy of the approved Proposal. A second public defense is not required. Each member of the Dissertation Committee also receives a copy of the Dissertation Proposal as approved.

The time between the approval of a student’s Letter of Intent and the formal Proposal Defense shall be no more than six months. BMN and NEPI students must defend their Proposal no more than four months after the approval of their Letter of Intent. After the Letter of Intent has been approved, the student is encouraged to submit the Proposal in a timely fashion.

No more than one year may pass between passing the Qualifying Examination and formal approval of the Dissertation Proposal.

III F 4. The Written Dissertation

appropriate. The main body of the dissertation should be presented in the form in which it is intended to be published. Students should discuss the format and organization of the dissertation with the Dissertation Committee before they begin writing. All dissertations, regardless of the organization, must include the following elements:

III F 4a. Content and Organization

Dissertations are typically written in the form of papers, although in certain cases a monograph or book may be more
1. Title page
2. Abstract (The abstract must be no longer than one single-spaced page.)
3. Table of Contents

4. List of Tables and Figures

5. Introduction: General Statement of the Problem Studied and Its Significance

6. Statement of Hypothesis to Be Tested

7. Review of the Literature

This section follows the format of a review paper or book chapter. It provides a thorough and up-to-date, focused, critical review of previous work in areas relevant to the content and, when appropriate, the methods used in the dissertation research. The student should make an effort to interpret the research being summarized and identify gaps in the knowledge base, and to relate the literature discussed to the student's own research questions. This section is expected to build on the literature review presented in the Dissertation Proposal.

8. Methods

This section describes any methods used in the dissertation that are not adequately described in the dissertation articles. In this context, "adequate" means sufficiently detailed so that the research could be replicated by another researcher. This section may be included in the body of the dissertation or as an appendix, as decided by the Committee. Data collection instruments must be included either as part of the Methods section or as an appendix.

9. Articles or Chapters

Research papers are generally written for submission to a specific professional journal. The student should identify the journal where the research paper has been (or will be) submitted and follow that journal's specific instructions for the format of the research paper. Each research paper is a complete, stand-alone article containing an abstract, statement of the problem and its significance, methods, results, discussion, and conclusions, and list of references in the format of the appropriate journal. For theses in the form of a monograph or book, this section consists of the chapters presenting the detailed results.

10. Summary and Discussion

This section provides a detailed summary of the dissertation research results and a discussion of how the research answered the research question or added to the understanding of the problem studied. It is intended to integrate the information from the research papers into a coherent whole and relate it to the broader field. Where appropriate, this section should discuss the implications of the research results for policy. This section should also contain a discussion of unanswered questions and suggestions for further research.

11. Bibliography

All literature cited anywhere in the dissertation must be fully referenced. Students may follow either of two options for the format of references:

a. The dissertation may contain, at the end, a single, comprehensive list of all literature referred to anywhere in the dissertation, including in the articles (even though they have their own lists of references). The format of the bibliography should be consistent with one of the standard manuals of style (such as Turabian, Strunk and White, or the Chicago Manual of Style);

b. A reference list may be provided at the end of every chapter. The list may be alphabetical by author, or in order of citation in the chapter.
Result chapters in the form of journal articles contain their own lists of references as well, in the format of the journal to which the article is expected to be submitted.

12. Appendices

Appendices are used to present additional data not likely to be published but of interest to people concerned with the subject matter covered in the dissertation. This may include detailed breakdowns of information summarized in the dissertation, results of alternative model specifications, descriptive information on the sample, or any other information that may contribute to the understanding of the research. Methods not adequately presented in the text may be presented in an Appendix, and data collection instruments must be included as an Appendix. In addition, the student may wish to include any manuscripts that resulted from the preliminary data used to formulate the Dissertation Proposal.

III F 4b. Style and Documentation

Tufts University requires that the dissertation have a left margin of 1.5 inches; all other margins must be one inch. This requirement is for text, tables, charts, figures, and appendices. Students should also note that photocopying results in slight enlargement of the copied text. This enlargement must be accounted for to allow the final version of the dissertation to meet margin requirements. A dissertation can be rejected by the University for failure to meet the margin requirements.

In instances where a portion or portions of the dissertation have already been published, a reprint may be incorporated within the dissertation, provided that it conforms to the necessary margin requirements. Pages must be numbered in the upper right-hand corner, 3/4 inch from the top and the right-hand edges of the page. The abstract, plus any prefatory material, must be numbered in lower-case roman numerals. The dissertation proper, from the introduction through the appendices, must be numbered consecutively in Arabic numerals. Figures must be oriented in an orientation that allows easy reading of the figure in the bound dissertation, e.g., with the X axis on the bottom or on the outer margin of the page. Figure legends are incorporated into the research papers as defined by the style of the journal where the manuscript will be sent for publication.

III F 5. Final Reading and Defense of the Dissertation

The dissertation defense constitutes the final evaluation of the student and the dissertation work prior to the awarding of the doctoral degree. This process has three parts. After receiving the Advisor’s approval, the student first submits the dissertation to the Dissertation Committee for a final reading and evaluation of its suitability for defense. If the entire committee agrees that the dissertation is acceptable with no changes or with minor changes, the student schedules a Dissertation Defense. The Dissertation Defense is in the form of a seminar that is open to the Tufts Community and consists of a presentation and an open question-and-answer period. Immediately after the presentation, the Dissertation Committee meets in executive session to decide whether the student has passed the Defense and if so, whether it is with no changes, with minor changes or with major changes (see Sec. III D 5b (3) “Final Approval of the Dissertation”).

If unanimous agreement of the Dissertation Committee cannot be reached on the acceptability of a dissertation, the Committee informs the Academic Dean for Education. If after discussion no agreement can be reached, the Academic Dean for Education sends the dissertation to at least two additional reviewers who are experts in the field of the dissertation and hold doctoral-level degrees, at least one of whom is not a faculty member at the Friedman School. The Academic Dean for Education uses the results of this review to adjudicate the outcome.
III F 5a. Scheduling and Deadlines

With the consent of the Dissertation Advisor, the doctoral candidate must submit a completed, printed copy of the entire dissertation, in the form in which it will be defended, to each member of the Dissertation Committee for a final reading at least two weeks before the Committee meeting at which it will be reviewed. The Dissertation Committee will make a decision regarding the acceptability of the dissertation for the defense within four weeks. If the Committee approves the dissertation for defense, the student schedules the defense with at least two weeks’ notice. All Dissertation Committee members must be present at the defense.

Students should not expect dissertation committees to be available during the summer (June through August), although some committees may be available and willing to read the complete dissertation at that time.

III F 5b. The Format of the Defense

Final Reading

A minimum of two weeks following the submission of the dissertation to the Dissertation Committee for final reading, the Dissertation Committee meets to decide on its acceptability for public defense. The Committee's decision must be unanimous. The Dissertation Advisor informs the student of the result of the Dissertation Committee review. There are three possible outcomes of this review:
1. The dissertation may be found acceptable for public defense. This indicates that the dissertation requires few or no changes. If the dissertation is judged acceptable, the student schedules a public presentation of the dissertation research to be followed by a question-and-answer period and final evaluation of the dissertation by the Dissertation Committee.
2. A dissertation may be found unacceptable for public defense. This indicates that the dissertation requires major changes before it will be found acceptable; this may require major rewriting, re-analysis or additional analysis, or repeating experiments. In this case, the committee informs the student of the reasons why the dissertation is unacceptable, and the work that needs to be done to make it acceptable. This is reported in writing to the Academic Dean for Education and to the student. When a dissertation is found to be unacceptable, a revised copy must be resubmitted to the entire Dissertation Committee for final reading.
3. A dissertation may be rejected. In this case, the student schedules a Dissertation Committee meeting, at which the committee informs the student of the reasons why the dissertation is rejected and reports this in writing to the Academic Dean for Education and to the student. When a dissertation is rejected, it may not be resubmitted. However, the student may work with the Dissertation Advisor to develop a new Dissertation Proposal.

The Oral Presentation

Students whose dissertations have been found acceptable for public defense must present their dissertation research to the Tufts University community within four weeks of the decision of acceptability. Because this presentation is followed by a final review of the dissertation by the Dissertation Committee, all committee members must be present.

The presentation includes a clear and concise statement of purpose, a description of the research questions, the methods used to test specific research questions, the outcome of the research and the interpretation of the research results. The student should expect to speak for about 45 minutes. The presentation will be followed by a question and answer period mediated by the Dissertation Advisor. All in attendance may ask questions, and the Dissertation Committee may ask specific questions pertaining to the written dissertation. It is expected that this part of the dissertation defense will be conducted in a collegial atmosphere.
Final Approval of the Dissertation

Following the dissertation presentation, the Dissertation Committee meets in closed session to make a final assessment of the dissertation. The Dissertation Committee may choose to ask the student additional questions in this closed session. Following this final review, the Dissertation Committee will make a decision whether the dissertation is acceptable with no changes or with minor changes. The possible outcomes are:

1. **Acceptable.** The dissertation is accepted without further revision. This decision is reported to the Friedman School Office of Student Affairs on the Dissertation Defense Report, which must be signed by all members of the Dissertation Committee. The Committee can sign the Certificate of Fitness and Approval of Dissertation for Binding at this time.

2. **Acceptable with minor changes.** If a dissertation is found acceptable with minor changes, the dissertation is not formally approved. The necessary changes are discussed thoroughly at the time of the defense and itemized in writing on a Dissertation Changes section of the Doctoral Dissertation Defense Report signed by the Committee members and the student. At the conclusion of the defense, the Committee must submit a signed, completed Dissertation Defense Report and the Dissertation Changes Form to the Friedman School Office of Student Affairs. The student must then submit a revised dissertation. The Dissertation Advisor determines whether the changes have been satisfactorily completed. Upon completion of the necessary changes, the Dissertation Advisor submits an Approval for Binding form indicating that all required changes have been satisfactorily completed. At that time, the dissertation is formally approved.

3. **Acceptable with major changes.** If a dissertation is found acceptable with major changes, the dissertation is not formally approved. The necessary changes are discussed thoroughly at the time of the defense and itemized in writing on a Dissertation Changes section of the Doctoral Dissertation Defense Report signed by the Committee members and the student. At the conclusion of the defense, the Committee must submit a signed, completed Dissertation Defense Report and the Dissertation Changes Form to the Friedman School Office of Student Affairs. The student must then submit a revised dissertation. The entire Dissertation Committee determines whether the changes have been satisfactorily completed. Upon completion of the necessary changes and approval by the Committee, the Dissertation Advisor submits an Approval for Binding form indicating that all required changes have been satisfactorily completed. At that time, the dissertation is formally approved.

4. **Unacceptable.** In exceptional cases, the public defense of a dissertation may bring to light problems with the dissertation so grave that the dissertation may be rejected at this point. In such cases, the Committee may reject the dissertation, and the outcome will be the same as if the dissertation had been rejected at the time of the final reading.

IV. **Deadlines and Procedures for Awarding of Doctoral Degrees at Tufts University**

IV A. **Preparing for Graduation and Board of Trustees Deadlines**

Doctoral students at the beginning of the semester in which they intend to complete their degree should discuss their intentions with their Dissertation Advisor and review Section IV B (see below) and submit the required forms, as applicable, to the Registrar preferably in advance of defending their dissertation.

Degrees are awarded three times per year by the Tufts University Board of Trustees, usually in late August, early February, and mid-May. The dates of these meetings are listed on the Academic Calendar, which is available on the Friedman School’s website. When students meet all degree requirements, they must graduate at the end of the semester in which those requirements are met.
The list of degree candidates, signed by the Dean, is sent to the Academic Affairs Committee well in advance of its meeting. All final work on the dissertation and the filing of forms required for awarding the Ph.D. must be completed before the student's name is sent to the Academic Affairs Committee of the Board of Trustees. Consequently, **doctoral students should plan to have this final work completed and forms filed at least two weeks before the scheduled dates of the Board of Trustees committee votes.**

The dissertation defense should be scheduled to allow time for changes to be made and all forms to be completed prior to this deadline.

**IV B. Requirements for Graduation**

Doctoral students must complete the following steps before they can graduate (*forms listed below and more detailed information: nutrition.tufts.edu/students/registrar/graduation*):

Submit the following the items prior to uploading your Doctoral Dissertation to the ProQuest/UMI web site:

1. Degree Requirement Worksheet approved by your Academic Advisor and Program Director ([http://nutrition.tufts.edu/students/registrar/degree-requirement-worksheets](http://nutrition.tufts.edu/students/registrar/degree-requirement-worksheets)). If you completed a Friedman M.S. degree, you do not need to submit a Degree Requirement Worksheet unless your degree program for your M.S. degree is different than your degree program as a Doctoral Student.
2. Graduation Checkout Form
4. Approval of Dissertation for Binding Form
5. Survey of Earned Doctorates - register for access to the web survey via the online registration site: [https://sed-ncses.org](https://sed-ncses.org). Upon registering, you will receive an e-mail with the link to the web survey, along with your individual PIN and password. With this information, you may access the secure server and complete the online SED. When you complete the SED and receive a confirmation certificate online, please forward this confirmation to the Registrar.
6. ProQuest (online submission of dissertation): After completing the items listed above, create an account at Friedman’s ProQuest/UMI website ([http://www.etdadmin.com/friedmannsp](http://www.etdadmin.com/friedmannsp)), review the online submission reference guide on the ProQuest site for Friedman students, and follow the appropriate steps to upload your dissertation and complete the process.
7. Email an electronic copy of dissertation to the Registrar.
8. Student must either complete an online Exit Evaluation or schedule an Exit Interview the Academic Dean for Education. You will be notified when the online Exit Evaluation is available for completion via email.
Appendix 1

Course Requirements for Degree Programs and Areas of Specialization in the Friedman School of Nutrition Science and Policy

I. DEGREE REQUIREMENT WORKSHEETS

A. Agriculture, Food and Environment

Program Director: Timothy Griffin

http://nutrition.tufts.edu/students/registrar/degree-requirement-worksheets

AF&E-MS Degree Credits Requirement: A minimum of 16 credits.

AF&E-PhD Degree Requirements: Students admitted directly to the PhD program must complete a minimum of four credits of coursework while enrolled at the Friedman School, and two or more semesters of NUTR 404: Food and Nutrition Policy Doctoral Research Seminar. AF&E PhD students must meet all the course requirements for the AF&E-MS degree, either through courses taken at the Friedman School, or by completing an Exemption Petition (see details below) to recognize preparation elsewhere.

Important to Note: Students in their last semester prior to graduation must meet with their Academic Advisor in-person to review the AF&E Degree Requirement and the Self-Designed Specialization Approval Form, obtain the required intent to graduate approvals below, and submit a copy of the completed documents to Friedman’s Office of Student Affairs (Jaharis, 123 or michelle.frankfort@tufts.edu).

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit(s)</th>
<th>Offered</th>
<th>Semester/Year Enrolled If Exemption, mark an &quot;E&quot;</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
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<td>Core Required Courses:</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0202</td>
<td>Principles of Nutrition Science</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0207</td>
<td>Statistical Methods in Nutrition Science &amp; Policy</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0215</td>
<td>Fundamentals of U.S. Agriculture (cross-listed as UEP 0223)</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0233</td>
<td>Agricultural Science and Policy I (prerequisite: NUTR 0215)</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0238</td>
<td>Economics for Food Policy Analysis</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0307</td>
<td>Regression Analysis for Nutrition Policy</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0333</td>
<td>Agricultural Science and Policy II (prerequisites: NUTR 0215 &amp; NUTR 0233)</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0341</td>
<td>Economics of Agriculture and the Environment (MS only) (prerequisite: NUTR 0238 or equivalent)</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Food Policy and Programs - Select One of the Following Courses:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0303</td>
<td>Determinants of U.S. Food Policy</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
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<tr>
<td>NUTR 0304</td>
<td>Nutrition, Food Security, and Development</td>
<td>1</td>
<td>Fall</td>
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<td></td>
</tr>
<tr>
<td>EIB E243</td>
<td>Agriculture and Rural Development in Developing Countries – cross-register via Fletcher (prerequisite: EIB E201: Introduction to Economic Theory or equivalent)</td>
<td>1</td>
<td>Not Offered AY 16-17</td>
<td></td>
<td></td>
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List Below a One-Credit Skills Course:

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<th>Course Title</th>
<th>Credit(s)</th>
<th>Offered</th>
<th>Semester/Year Enrolled If Exemption, mark an &quot;E&quot;</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
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<td></td>
<td></td>
<td>1</td>
<td>Fall/Spring/Summer</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

List Additional Electives (if needed to fulfill the minimum 16 degree credits requirement):

Professional Internship or Research Practicum Degree Requirement; Write Location/Title Below and Semester of Enrollment in SIS (See Policies and Procedures Handbook for details):

Training in Protection of Human Subjects Degree Requirement; Did You Email the Office of Student Affairs Your CITI Certification (Circle): YES or NO

FOR PHD ONLY – ADDITIONAL REQUIREMENTS:

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit(s)</th>
<th>Offered</th>
<th>Semester/Year Enrolled If Exemption, mark an &quot;E&quot;</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 0210 OR PH 0222</td>
<td>Survey Research in Nutrition</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0301</td>
<td>Nutrition in the Life Cycle</td>
<td>0.5</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0311</td>
<td>Nutrition Data Analysis</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

AF&E Self-Designed Specialization Degree Requirement: Must be at least three credits of coursework (only one credit may be a required course, and only one credit may be a Directed Study course; and the Skills course may be included). Courses taken outside the Friedman School, including approved transferred courses may be used for the Specialization. Complete the required Specialization (Self-Designed) Approval form so your fulfillment of this degree requirement may be officially added to your SIS academic record/transcript. Exemption(s): For an exemption of a required AF&E course or degree requirement, you must complete an Exemption Petition form. Approval of an Exemption does NOT decrease the minimum number of course credits required for your degree program.

Complete for Graduation - Approval of Intent to Graduate: Based on my review of this worksheet and transcript it appears that this student will have met his/her requirements for graduation by (circle month): August or February or May (Year) ______. Academic Advisor Signature: ______________ Date: ____________________
Program Director Signature: __________________ Date: ____________________
B. Biochemical and Molecular Nutrition

Program Director: Stefania Lamon-Fava
http://nutrition.tufts.edu/students/registrar/degree-requirement-worksheets

BMN-MS Degree Credits Requirement: A minimum of 16 credits. If NUTR 0202, which is considered a prerequisite for the degree program, is taken for credit, a minimum of 17 credits is required for this Master of Science degree.

BMN-PhD Degree Requirements: Students admitted directly to the PhD program must complete a minimum of four credits of coursework while enrolled at the Friedman School. BMN-PhD students are required to fulfill all the course requirements for the BMN-MS degree (in addition to the PhD Additional Requirements), either through courses taken at the Friedman School, or by completing an Exemption Petition (see details below) to recognize preparation elsewhere (based on courses completed before starting the PhD degree or by courses completed during the PhD degree but not credit hour requirements).

Important to Note: BMN MS & PhD students in their last semester prior to graduation must meet with their Academic Advisor in-person to review the BMN Degree Requirement and Specialization Requirement Worksheets, obtain the required Advisor approval below, along with approval from the BMN Program Director, and submit both completed Worksheets to Friedman’s Registrar (Jaharis, 123 or michelle.frankfort@tufts.edu).

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Offered</th>
<th>Semester/Year Enrolled If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCHM 0223</td>
<td>Graduate Biochemistry – Friedman’s Registrar will arrange for enrollment</td>
<td>2</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0208</td>
<td>Human Physiology</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0370</td>
<td>Nutritional Biochemistry and Physiology: Macronutrients (prerequisites: NUTR 0202, NUTR 0208, BCHM 0223 (or their equivalents), and NUTR 0225)</td>
<td>1.5</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0371</td>
<td>Nutritional Biochemistry and Physiology: Micronutrients (prerequisites: NUTR 0202, NUTR 0208, BCHM 0223 (or their equivalents), and NUTR 0225)</td>
<td>1.5</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Skills Required Courses:

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Offered</th>
<th>Semester/Year Enrolled If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 0204</td>
<td>Principles of Epidemiology – accepted substitution: cross-register via Public Health in PH 201 (spring or summer)</td>
<td>1</td>
<td>Fall/Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0206</td>
<td>Biostatistics I</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0225</td>
<td>Introduction to Modern Biology Techniques (five-weeks)</td>
<td>0</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0236</td>
<td>Practicum in Bioresearch Techniques (requires oral presentation)</td>
<td>1</td>
<td>Fall/Spring Summer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0240</td>
<td>Nutrition Science Journal Club</td>
<td>0</td>
<td>Fall/Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0309</td>
<td>Statistical Methods in Nutrition Research II (prerequisite: NUTR 0206)</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Policy Course - Select One of the Following (or other option with approval of Program Director):

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Offered</th>
<th>Semester/Year Enrolled If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 0203</td>
<td>Fundamentals of Nutrition Policy and Programming: How Science and Practice Interact</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0226</td>
<td>Health Claims and the Food Industry</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0228</td>
<td>Community and Public Health Nutrition</td>
<td>1</td>
<td>Fall/Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0238</td>
<td>Economics for Food Policy Analysis</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0303</td>
<td>Determinants of U.S. Food Policy (prerequisite: NUTR 0238 or instructor consent)</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0325</td>
<td>Science-Based Interventions for Child Malnutrition</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Training in Protection of Human Subjects (CITI) Degree Requirement for both MS & PhD degrees; Did You Email Friedman’s Registrar Your Completion of CITI Certification PDF document? YES or NO

FOR PHD ONLY – ADDITIONAL REQUIREMENTS:

Completion of Individualized Development Plan is required during the first semester as a doctoral student.

Completion of Individualized Development Plan Annual Review is required annually following the doctoral student’s submission of the Individualized Development Plan.

Completion of Doctoral Compact between doctoral student and thesis advisor, with optional participation of thesis committee or other mentors, is required by the first thesis committee meeting following submission of the Doctoral Thesis Letter of Intent.

BMN Specialization Degree Requirement: Must be at least three credits of coursework (only one credit may be a required course, and only one credit may be a Directed Study course). Courses taken outside the Friedman School, including approved transferred courses may be used for the Specialization. Complete the BMN Specialization Requirement Worksheet (see page 2) so your fulfillment of this degree requirement may be officially added to your SIS academic record/transcript. Exemption(s): For an exemption of a required BMN course or degree requirement, you must complete an Exemption Petition form. Approval of an Exemption does NOT decrease the minimum number of course credits required for your degree program. Complete for Graduation - Approval of Intent to Graduate: Based on my review of this worksheet and transcript it appears that this student will have met his/her requirements for graduation by (circle month): August or February or May (Year) (Month) (Year). Academic Advisor Signature: Date: ________________ ________________

Program Director Signature: ________________ Date: ________________
### Self-Designed Specialization in Area of Your Choice Option (3 credits):
The self-designed Specialization option requires three credits of coursework chosen from Friedman, other Tufts Schools, or other Consortium schools (e.g., Cell and Molecular, Immunology, Genetics). See sheet on Trunk for examples of course combinations. Please fill-in below the completed coursework information and submit a Specialization Approval Form so fulfillment of this degree requirement may be officially added to your SIS academic record/transcript.

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Offered</th>
<th>Semester/Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 0305</td>
<td>Nutritional Epidemiology (prerequisite: NUTR 0204, NUTR 0206 and NUTR 0309 or equivalent)</td>
<td>1</td>
<td>Fall</td>
<td></td>
</tr>
<tr>
<td>NUTR 0319</td>
<td>Intermediate Epidemiology (prerequisite: NUTR 0204 or equivalent)</td>
<td>1</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>NUTR 0323</td>
<td>Intermediate Biostatistics: Regression Methods (prerequisite: NUTR 0204, NUTR 0206 and NUTR 0309 or equivalent)</td>
<td>1</td>
<td>Fall</td>
<td></td>
</tr>
</tbody>
</table>

### Laboratory Research Specialization Option (a minimum of 3 credits):
This Specialization option requires:
- A one-credit basic science course (cross-registration via Sackler or Consortium school)
- A total of two course credits devoted to the combination of:
  - Preparation of a proposal for the research to be conducted
  - Completion of the proposed research (two semesters)
  - Preparation of a manuscript or other written description of the research results. Please use below to fill-in completed coursework.

### Epidemiology Specialization Option (a minimum of 3 credits):

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 0305</td>
<td>Nutritional Epidemiology (prerequisite: NUTR 0204, NUTR 0206 and NUTR 0309 or equivalent)</td>
<td>1</td>
<td>Fall</td>
</tr>
<tr>
<td>NUTR 0319</td>
<td>Intermediate Epidemiology (prerequisite: NUTR 0204 or equivalent)</td>
<td>1</td>
<td>Spring</td>
</tr>
<tr>
<td>NUTR 0323</td>
<td>Intermediate Biostatistics: Regression Methods (prerequisite: NUTR 0204, NUTR 0206 and NUTR 0309 or equivalent)</td>
<td>1</td>
<td>Fall</td>
</tr>
</tbody>
</table>

### Nutrition Communication Specialization Option (a minimum of 3.5 credits):
**REQUIRED:**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 0205</td>
<td>Communicating Health Information to Diverse Audiences, Part A (prerequisite: NUTR 0220)</td>
<td>0.5</td>
<td>Spring</td>
</tr>
<tr>
<td>NUTR 0211</td>
<td>Theories of Behavior Change and Their Application in Nutrition and Public Health Interventions</td>
<td>1</td>
<td>Fall</td>
</tr>
<tr>
<td>NUTR 0220</td>
<td>Introduction to Writing About Nutrition and Health</td>
<td>0.5</td>
<td>Fall</td>
</tr>
<tr>
<td>NUTR 0306</td>
<td>Communicating Health Information to Diverse Audiences, Part B (prerequisite: NUTR 0205)</td>
<td>0.5</td>
<td>Fall</td>
</tr>
</tbody>
</table>

**PLUS ONE MORE CREDIT OF COURSEWORK:**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCOM 0508</td>
<td>Technology and Health Communication (cross-register via Public Health)</td>
<td>0.5</td>
<td>Fall</td>
</tr>
<tr>
<td>HCOM 0544</td>
<td>Professional Communication (cross-register via Public Health)</td>
<td>0.5</td>
<td>Fall</td>
</tr>
<tr>
<td>NUTR 0218</td>
<td>Communication Strategies in Health Promotions</td>
<td>1</td>
<td>Spring</td>
</tr>
</tbody>
</table>

### Nutrition Interventions Specialization Option (a minimum of 3 credits):

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 0303</td>
<td>Determinants of U.S. Food Policy (prerequisite: NUTR 0238 or equivalent)</td>
<td>1</td>
<td>Fall</td>
</tr>
</tbody>
</table>

**SELECT ONE OF THE FOLLOWING COURSES:**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 0228</td>
<td>Community and Public Health Nutrition</td>
<td>1</td>
<td>Fall/Spring</td>
</tr>
<tr>
<td>NUTR 0325</td>
<td>Science-Based Interventions for Child Malnutrition</td>
<td>1</td>
<td>Fall</td>
</tr>
</tbody>
</table>

**SELECT ONE OF THE FOLLOWING COURSES:**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 0210</td>
<td>Survey Research Nutrition</td>
<td>1</td>
<td>Spring</td>
</tr>
<tr>
<td>NUTR 0211</td>
<td>Theories of Behavior Change and Their Application in Nutrition and Public Health Interventions</td>
<td>1</td>
<td>Fall</td>
</tr>
<tr>
<td>NUTR 0216</td>
<td>Management, Planning, and Control of Nutrition and Health Programs and Organizations</td>
<td>1</td>
<td>Spring</td>
</tr>
<tr>
<td>NUTR 0228 OR NUTR 0325</td>
<td>Community and Public Health Nutrition</td>
<td>1</td>
<td>Fall/Spring</td>
</tr>
<tr>
<td>NUTR 0228 OR NUTR 0325</td>
<td>Science-Based Interventions for Childhood Malnutrition</td>
<td>1</td>
<td>Fall</td>
</tr>
</tbody>
</table>
C. Food Policy and Applied Nutrition

Program Director: Beatrice Rogers
http://nutrition.tufts.edu/students/registrar/degree-requirement-worksheets

FPAN-MS Degree Credits Requirement: A minimum of 16 credits.

FPAN-PhD Degree Requirements: Students admitted directly to the PhD program must complete a minimum of four credits of coursework while enrolled at the Friedman School, and the Internship is optional for PhD students. Through courses taken at the Friedman School, or by submitting an Exemption Petition (see details below) to recognize preparation elsewhere, PhD students must meet all of the course requirements for the MS degree. PhD students must take NUTR: 0204: Principles of Epidemiology, NUTR 0210: Survey Research Nutrition and NUTR 0301: Nutrition in the Life Cycle, and two or more semesters of NUTR 0404: Food and Nutrition Policy Doctoral Research Seminar. All doctoral students complete an Individualized Development plan during their first semester; it is reviewed annually with the Academic Advisor or Thesis Advisor.

Important to Note: Students in their last semester prior to graduation must meet with their Academic Advisor in-person to review the FPAN Degree Requirement and the Specialization Requirement Worksheets, obtain the required Advisor approval below, along with approval from the FPAN Program Director, and submit both completed documents to Friedman’s Office of Student Affairs (Jaharis, 123 or michelle.frankfort@tufts.edu).

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Semester/Year Enrolled If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 0202</td>
<td>Principles of Nutrition Science</td>
<td>1</td>
<td>Fall</td>
<td></td>
</tr>
</tbody>
</table>

Policy and Economics (3 Credits):

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Semester/Year Enrolled If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 0203</td>
<td>Fundamentals of Nutrition Policy &amp; Programming (or equivalent Policy course with approval)</td>
<td>1</td>
<td>Fall</td>
<td></td>
</tr>
<tr>
<td>NUTR 0238</td>
<td>Economics for Food Policy Analysis (or equivalent; e.g., cross-register via Fletcher for EIB E201: Introduction to Economics)</td>
<td>1</td>
<td>Spring</td>
<td></td>
</tr>
</tbody>
</table>

PLUS Select One of the Following Courses:

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Semester/Year Enrolled If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 0303</td>
<td>Determinants of U.S. Food Policy</td>
<td>1</td>
<td>Fall</td>
<td></td>
</tr>
<tr>
<td>NUTR 0304</td>
<td>Nutrition, Food Security, and Development</td>
<td>1</td>
<td>Fall</td>
<td></td>
</tr>
</tbody>
</table>

Statistics and Quantitative Methods (3 Credits):

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Semester/Year Enrolled If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 0207</td>
<td>Statistical Methods in Nutrition Science and Policy (common substitutions: cross-register via Public Health for PH 0205 (A and B) or cross-register via Fletcher for B205: Data Analysis &amp; Statistical Methods)</td>
<td>1</td>
<td>Fall</td>
<td></td>
</tr>
<tr>
<td>NUTR 0307</td>
<td>Regression Analysis for Nutrition Policy (common substitutions: cross-register via Public Health for PH 206 or cross-register (fall semester) via Fletcher for E213: Econometrics)</td>
<td>1</td>
<td>Spring</td>
<td></td>
</tr>
</tbody>
</table>

Select One of the Following Courses (or other Advanced Research Methods or Data Analysis course with approval):

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Semester/Year Enrolled If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 0310</td>
<td>Qualitative Research Methods for Nutrition (common substitution: PH 0221 and PH 0225; cross-register via Public Health)</td>
<td>1</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>NUTR 0311</td>
<td>Nutrition Data Analysis (best option for most MS students)</td>
<td>1</td>
<td>Fall</td>
<td></td>
</tr>
</tbody>
</table>

Applied Research Skills (1 Credit) — Select One of the Following Courses (Both Courses Required for PhD Students):

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Semester/Year Enrolled If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 0204</td>
<td>Principles of Epidemiology (recommended for most students, especially for Nutrition Interventions Specialization; common substitution: cross-register (via Public Health for PH 0201 spring or summer semester)</td>
<td>1</td>
<td>Fall/Spring</td>
<td></td>
</tr>
<tr>
<td>NUTR 0210</td>
<td>Survey Research in Nutrition (required for Humanitarian Assistance Specialization)</td>
<td>1</td>
<td>Spring</td>
<td></td>
</tr>
</tbody>
</table>

List Additional Electives (if needed to fulfill the minimum 16 degree credits requirement for MS degree):

Professional Internship or Research Practicum Degree Requirement; Write Internship Location/Title Below or Semester/Year of Practicum Enrollment in SIS:

Training in Protection of Human Subjects Degree Requirement; Did You Email Friedman’s Registrar Your CITI Completion Certification (Circle): YES or NO

FPAN Specialization Degree Requirement: See Page 2 for the FPAN Specialization Requirement Worksheet. FPAN Specializations require at least three credits or 3.5 credits of coursework (only one credit may be a required course, and only one credit may be a Directed Study course). Courses taken outside the Friedman School, including approved transferred courses may be used for the Specialization. Exemption(s): For an exemption of a required FPAN course or degree requirement, you must complete an Exemption Petition form. Approval of an Exemption does NOT decrease the minimum number of course credits required for your degree program.

Complete for Graduation - Approval of Intent to Graduate: Based on my review of this worksheet and transcript it appears that this student will have met his/her requirements for graduation by (circle month): August or February or May (Year) ______. Academic Advisor Signature: ___________________________ Date: __________

Program Director Signature: ___________________________ Date: __________
**Self-Designed Specialization in Area of Your Choice Option (a minimum of three credits):**

This self-designed Specialization option requires a minimum of three credits of coursework chosen from Friedman, other Tufts Schools, or other Consortium schools with approval from your Academic Advisor and the Program Director. Please fill-in below the completed coursework information and submit a Specialization Approval Form so fulfillment of this degree requirement may be officially added to your SIS academic record/transcript.

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Offered</th>
<th>Semester/Year Enrolled</th>
<th>Enrolled</th>
<th>If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
</table>

**Food Policy and Economics Specialization Option (3 Credits):**

At least one of the following Economics courses (or another graduate-level Economics course or Directed Study course with approval):

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Offered</th>
<th>Semester/Year Enrolled</th>
<th>Enrolled</th>
<th>If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
</table>

| EIB E211 | Microeconomics (prerequisite: EIB E210m: Quantitative Methods, 0.5 credit; first half of the fall semester) – cross-register via Fletcher | 1 | Fall | | | | |
| EIB E240 | Development Economics: Macroeconomic Perspectives – cross-register via Fletcher | 1 | Spring | | | | |
| EIB E241 | Development Economics: Policy Analysis – cross-register via Fletcher | 1 | Fall | | | | |
| NUTR 0341 | Economics of Agriculture and the Environment | 1 | Spring | | | | |

In addition to the above, select two of the following one-credit Economics or Economic Policy Courses (or another Economics or Economic Policy course or Directed Study course with approval):

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Offered</th>
<th>Semester/Year Enrolled</th>
<th>Enrolled</th>
<th>If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
</table>

| EIB E243 | Agriculture and Rural Development in Developing Countries – cross-register via Fletcher (prerequisite EIB E201: Introduction to Economic Theory or equivalent) | 1 | Not Offered AY 16-17 | | | | |
| NUTR 0221 | The Global Food Business | 1 | Spring | | | | |
| UEP 0271 | Community Economic Development – cross-register via AS&E | 1 | Fall | | | | |

**Nutrition Interventions: Design, Operation, and Management Specialization Option (3.5 Credits)**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Offered</th>
<th>Semester/Year Enrolled</th>
<th>Enrolled</th>
<th>If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
</table>

| NUTR 0301 | Nutrition in the Life Cycle | 0.5 | Spring | | | | |

At least one of the following courses:

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Offered</th>
<th>Semester/Year Enrolled</th>
<th>Enrolled</th>
<th>If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
</table>

| NUTR 0227 | International Nutrition Programs | 1 | Spring | | | | |
| NUTR 0228 | Community and Public Health Nutrition | 1 | Fall | | | | |

In addition to the above, select at least two of the following one-credit courses:

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Offered</th>
<th>Semester/Year Enrolled</th>
<th>Enrolled</th>
<th>If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
</table>

| NUTR 0211 | Theories of Behavior Change and Their Application in Nutrition and Public Health | 1 | Fall | | | | |
| NUTR 0216 | Management, Planning, and Control of Nutrition and Health Programs and Organizations (common substitution: PH 0216 – cross-register via Public Health) | 1 | Spring | | | | |
| NUTR 0217 | Monitoring and Evaluation of Nutrition & Food | 1 | Spring | | | | |
| NUTR 0218 | Communications Strategies in Nutrition and Health Promotion | 1 | Spring | | | | |
| NUTR 0308 | Nutrition in Emergencies Policies, Practice and Decision-Making | 1 | Spring | | | | |
| NUTR 0325 | Science-Based Interventions for Child Malnutrition | 1 | Fall | | | | |

**Humanitarian Assistance Specialization Option (3 Credits)**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Offered</th>
<th>Semester/Year Enrolled</th>
<th>Enrolled</th>
<th>If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
</table>

| NUTR 0229 | Humanitarian Action in Complex Emergencies | 1 | Fall | | | | |
| NUTR 0308 | Nutrition in Emergencies Policies, Practice and Decision-Making | 1 | Spring | | | | |

In addition to the above, select one of the following courses:

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Offered</th>
<th>Semester/Year Enrolled</th>
<th>Enrolled</th>
<th>If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
</table>

| DHP D235 | Introduction to Research Methods – cross-register via Fletcher | 1 | Spring | | | | |
| DHP D239 | Forced Migration – cross-register via Fletcher | 1 | Spring | | | | |
| NUTR 0222 | Gender, Culture, and Conflict in Complex Humanitarian Emergencies | 1 | Fall | | | | |
| NUTR 0324 | Humanitarian Studies in the Field | 1 | Spring | | | | |
### D. Frances Stern Dietetic Internship Combined with Master of Science

**Program Director:** Carole Palmer

[http://nutrition.tufts.edu/students/registrar/degree-requirement-worksheets](http://nutrition.tufts.edu/students/registrar/degree-requirement-worksheets)

**MS/DI Degree Credits Requirement:** A 10 credit minimum plus rotations.

**Exemption(s):** For an exemption of a required course or degree requirement, you must complete an Exemption Petition form. Approval of an Exemption does NOT decrease the minimum number of course credits required for your degree program.

**Important to Note:** Students in their last semester prior to graduation must meet with their Academic Advisor in-person to review this Degree Requirement Worksheet, obtain the required approval signature(s) below, and submit the completed document to Friedman’s Office of Student Affairs (Jaharis, 123 or michelle.frankfort@tufts.edu).

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Offered</th>
<th>Semester/Year</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 0203</td>
<td>Fundamentals of Nutrition Policy and Programming: How Science and Practice Interact (or equivalent Policy course approved by Advisor)</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0204</td>
<td>Principles of Epidemiology (substitute option CEE 0154 via cross-registration)</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0214</td>
<td>Statistical Methods for Health Care Professionals (cannot replace NUTR 0207/NUTR 0307 sequence)</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0315</td>
<td>Nutritional Biochemistry</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0316</td>
<td>Advanced Medical Nutrition Therapy</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0397</td>
<td>Directed Study (Senior Project) (Students must enroll using the Directed Study Proposal form; submit form with faculty sponsor signature and submit to Friedman’s Office of Student Affairs.)</td>
<td>1</td>
<td>Fall/Spring/Summer</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Additional Elective Courses (4 Credits Minimum):**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Offered</th>
<th>Semester/Year</th>
<th>Grade</th>
</tr>
</thead>
</table>

Clinical Rotations (Enroll in either NUTR 0235 or NUTR 0335 via SIS during the relevant semester you are doing Clinical Rotations):

<table>
<thead>
<tr>
<th>Course #</th>
<th>Offered</th>
<th>Semester/Year</th>
<th>Grade</th>
</tr>
</thead>
</table>

**Complete for Graduation - Approval of Intent to Graduate:** Based on my review of this worksheet and transcript it appears that this student will have met his/her requirements for graduation by (circle month): August or February or May (Year) ____________.

**Academic Advisor Signature:** ____________________________ **Program Director Signature:** ____________________________

**Date:** ____________________________ **Date:** ____________________________
E. Nutrition, Interventions, Communication, and Behavior Change

Program Directors: Jeanne Goldberg and Jennifer Sacheck

http://nutrition.tufts.edu/students/registrar/degree-requirement-worksheets

NICBC - MS Degree Credits Requirement: A minimum of 16 credits.

NICBC - PhD Degree Requirements: Students admitted directly to the PhD program must complete a minimum of four credits of coursework while enrolled at the Friedman School, and two or more semesters of NUTR 404: Food and Nutrition Policy Doctoral Research Seminar. NICBC PhD students must meet all the course requirements for the NICBC-MS degree, either through courses taken at the Friedman School, or by completing an Exemption Petition (see details below) to recognize preparation elsewhere.

Exemption(s): For an exemption of a required course or degree requirement, you must complete an Exemption Petition form. Approval of an Exemption does NOT decrease the minimum number of course credits required for your degree program. Important to Note: Students in their last semester prior to graduation must meet with their Academic Advisor in-person to review this two-page Degree Requirement Worksheet, obtain the required Advisor approval below, along with approval from the Program Director, and submit a copy of the completed Worksheet to Friedman’s Office of Student Affairs (Jaharis, 123 or michelle.frankfort@tufts.edu).

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Offered</th>
<th>Communication (C), Intervention (I), Requirement</th>
<th>Semester/Year Enrolled</th>
<th>If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 0228</td>
<td>Community and Public Health Nutrition</td>
<td>1</td>
<td>Fall/ Spring</td>
<td>C, I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0245</td>
<td>Scientific Basis of Nutrition: Micronutrients</td>
<td>1</td>
<td>Fall</td>
<td>C, I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0246</td>
<td>Scientific Basis of Nutrition: Macronutrients</td>
<td>1</td>
<td>Spring</td>
<td>C, I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0301</td>
<td>Nutrition in the Life Cycle</td>
<td>0.5</td>
<td>Spring</td>
<td>C, I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0312</td>
<td>Nutrition and Chronic Disease</td>
<td>0.5</td>
<td>Spring</td>
<td>C, I</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Nutrition Science and Policy core has 5 required credits. Students who have previously completed courses that exempt them from one or more of the above courses can select from any of the following courses to earn a total of 5 nutrition science and nutrition policy credits: NUTR 0203, NUTR 0226, NUTR 0228, NUTR 238, NUTR 0272, NUTR 0303, NUTR 0305, NUTR 0315, NUTR 0320, NUTR 0321, NUTR 0330, NUTR 0370, NUTR 0371.

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Offered</th>
<th>Communication (C), Intervention (I), Requirement</th>
<th>Semester/Year Enrolled</th>
<th>If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 0204</td>
<td>Principles of Epidemiology</td>
<td>1</td>
<td>Fall/ Spring</td>
<td>C, I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0207</td>
<td>Statistical Methods in Nutrition Research (Policy)</td>
<td>1</td>
<td>Fall</td>
<td>C, I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0304</td>
<td>Nutritional Epidemiology (prerequisites: NUTR 0204, NUTR 0206; NUTR 0309 and their equivalents)</td>
<td>1</td>
<td>Fall</td>
<td>C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0307</td>
<td>Regression Analysis for Nutrition Research</td>
<td>1</td>
<td>Spring</td>
<td>C, I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0314</td>
<td>Design of Epidemiologic Studies in Nutrition Research</td>
<td>1</td>
<td>Spring</td>
<td>I</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Part III. Communications, Interventions, and Behavior Change Requirements (4.5 Credits):

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Offered</th>
<th>Communication (C), Intervention (I), Requirement</th>
<th>Semester/Year Enrolled</th>
<th>If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCOMM 0544</td>
<td>Professional Communication (contact Friedman’s Registrar for enrollment)</td>
<td>0.5</td>
<td>Fall/ Spring/ Summer</td>
<td>C, I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0205</td>
<td>Communicating Health Information to Diverse Audiences I (prerequisite: NUTR 0220)</td>
<td>0.5</td>
<td>Spring/ Summer</td>
<td>C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0211</td>
<td>Theories of Behavior Change and Their Application in Nutrition and Public Health Interventions</td>
<td>1</td>
<td>Fall</td>
<td>C, I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0216</td>
<td>Management, Planning, and Control of Nutrition and Health Programs and Organizations</td>
<td>1</td>
<td>Spring</td>
<td>I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0218</td>
<td>Communications Strategies in Nutrition and Health Promotion Nutrition</td>
<td>1</td>
<td>Spring</td>
<td>C, I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0220</td>
<td>Fundamentals of Writing About Nutrition and Health</td>
<td>0.5</td>
<td>Fall</td>
<td>C</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>NUTR 0272</td>
<td>Nutrition, Physical Activity and Health</td>
<td>1</td>
<td>Spring</td>
<td>I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0306</td>
<td>Communicating Health Information to Diverse Audiences, Part B (prerequisite: NUTR 0220)</td>
<td>1</td>
<td>Fall</td>
<td>C</td>
<td></td>
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</tr>
</tbody>
</table>
**Part IV. Electives (Credits to Reach 16 Required Total):**

Students may choose to take a variety of electives based on their interests, or they may prefer to put together a group of three or more course credits that would constitute a “concentration.” Three examples are provided. These are not the only ways to assemble a focus.

**US Food and Nutrition Policy:**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Offered</th>
<th>If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 0221</td>
<td>The Global Food Business</td>
<td>1</td>
<td>Spring</td>
<td></td>
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</tr>
<tr>
<td>NUTR 0226</td>
<td>Health Claims and the Food Industry</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0238</td>
<td>Economics for Food Policy Analysis</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0303</td>
<td>Determinants of US Food Policy (prerequisite: NUTR 0238)</td>
<td>1</td>
<td>Fall</td>
<td></td>
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</tbody>
</table>

**Community Nutrition and Health:**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Offered</th>
<th>If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCOM 0522</td>
<td>Changing Health Behaviors: Healthy People and Communities (contact Friedman’s Registrar for enrollment)</td>
<td>1</td>
<td>Fall/Spring/Summer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCOM 0536</td>
<td>Health, Culture and Communication (contact Friedman’s Registrar for enrollment)</td>
<td>0.5</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCOM 0543</td>
<td>Public Relations: Framing the Dialogue for Public Health (contact Friedman’s Registrar for enrollment)</td>
<td>0.5</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0272</td>
<td>Nutrition, Physical Activity and Health</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
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</tbody>
</table>

**Agriculture, Food and the Environment:**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Offered</th>
<th>If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 0215</td>
<td>Fundamentals of US Agriculture</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0233</td>
<td>Agriculture Science and Policy I (prerequisite: NUTR 0215)</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0285</td>
<td>Food Justice: Critical Approaches in Policy and Planning</td>
<td>1</td>
<td>Fall</td>
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</tr>
<tr>
<td>NUTR 0333</td>
<td>Agriculture Science and Policy II (prerequisites: NUTR 0215 and NUTR 0233)</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0342</td>
<td>Food Systems Modeling and Analysis</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Training in Protection of Human Subjects (CITI) Degree Requirement for both MS &PhD degrees; Did You Email the Office of Student Affairs Your Completion of CITI Certification? Circle: YES or NO**

**Professional Internship or Research Practicum Degree Requirement; Location/Title Below and Semester of Enrollment to Enter in SIS (See Policies and Procedures Handbook for details):**

Complete for Graduation - Approval of Intent to Graduate:
Based on my review of this worksheet and transcript it appears that this student will have met his/her requirements for graduation by (circle month): August or February or May (Year) ____________.

Academic Advisor Signature: ____________________________ Program Director Signature: ____________________________

Date: ____________ Date: ____________
### F. Nutritional Epidemiology

Program Director: Nicola McKeown

[http://nutrition.tufts.edu/students/registrar/degree-requirement-worksheets](http://nutrition.tufts.edu/students/registrar/degree-requirement-worksheets)

**NEPI-MS Degree Credits Requirement**: A minimum of 16 credits. If NUTR 0202, which is considered a prerequisite for the degree program, is taken for credit, a minimum of 17 credits is required for this Master of Science degree.

**NEPI-PhD Degree Requirements**: Students admitted directly to the PhD program must complete a minimum of four credits of coursework while enrolled at the Friedman School. NEPI-PhD students are required to fulfill all the course requirements for the NEPI-MS degree (in addition to the PhD Additional Requirements), either through courses taken at the Friedman School, or by completing an Exemption Petition (see details below) to recognize preparation elsewhere (based on courses completed before starting the PhD degree or by courses completed during the PhD degree but not credit hour requirements).

**Important to Note**: NEPI MS & PhD students in their last semester prior to graduation must meet with their Academic Advisor in-person to review the NEPI Degree Requirement Worksheet, obtain the required Advisor approval below, along with approval from the NEPI Program Director, and submit the completed Worksheet to Friedman’s Registrar (michelle.frankfort@tufts.edu).

You must indicate if you plan to follow Track 1 or Track 2 for Nutrition Science Required Courses; please check box below:

- Track 1 (check here): [ ]
- Track 2 (check here): [ ]

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit(s)</th>
<th>Offered</th>
<th>Semester/Year Enrolled If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Nutrition Science Core Required Courses (Track 1):</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>BCHM 0223</td>
<td>Graduate Biochemistry – Friedman’s Registrar will arrange for enrollment</td>
<td>2</td>
<td>Fall</td>
<td></td>
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</tr>
<tr>
<td>NUTR 0208</td>
<td>Human Physiology</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0370</td>
<td>Nutritional Biochemistry and Physiology: Macronutrients (prerequisites: NUTR 0202, NUTR 0208, BCHM 0223, or their equivalents)</td>
<td>1.5</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0371</td>
<td>Nutritional Biochemistry and Physiology: Micronutrients (prerequisites: NUTR 0202, NUTR 0208, BCHM 0223, or their equivalents)</td>
<td>1.5</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Nutrition Science Core Required Courses (Track 2):</strong></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0245</td>
<td>Scientific Basis of Nutrition: Micronutrients</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0246</td>
<td>Scientific Basis of Nutrition: Macronutrients</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Skills Required Courses:</strong></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0204</td>
<td>Principles of Epidemiology (or equivalent) – must be completed first fall semester</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0206</td>
<td>Biostatistics I</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0240</td>
<td>Nutrition Science Journal Club (required for first two semesters of MS degree)</td>
<td>0</td>
<td>Fall/Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0305</td>
<td>Nutritional Epidemiology (prerequisites: NUTR 0204, NUTR 0206/NUTR 0309 or their equivalents)</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0309</td>
<td>Statistical Methods in Nutrition Research II (prerequisite: NUTR 0206)</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0319</td>
<td>Intermediate Epidemiology (prerequisites: NUTR 0204, NUTR 0206 or their equivalents)</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0323 or NUTR 0394</td>
<td>Intermediate Biostatistics: Regression Method or Advanced Data Analysis or other course options per Program Director approval.</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Nutrition Policy Required Course – Select ONE of the courses listed below or other course per Program Director approval:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0203</td>
<td>Fundamentals of Nutrition Policy and Programming</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0226</td>
<td>Health Claims and the Food Industry</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0228</td>
<td>Community and Public Health Nutrition</td>
<td>1</td>
<td>Fall/Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0238</td>
<td>Economics for Food Policy Analysis</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0303</td>
<td>Determinants of U.S. Food Policy (prerequisite: NUTR 0238 or instructor consent)</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0325</td>
<td>Science-Based Interventions for Child Malnutrition</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Training in Protection of Human Subjects (CITI) Degree Requirement for both MS & PhD degrees; Did You Email Friedman’s Registrar Your Completion of CITI Certification PDF Document?  YES or NO

FOR PHD ONLY – ADDITIONAL REQUIREMENTS:

PhD students must take a one-credit advanced course in Epidemiology or Statistics (see Program Director for approved courses) during the course of PhD training. This course is taken after the student passes the qualification exam.

Completion of Individualized Development Plan Annual Review is required annually following the doctoral student’s submission of the Individualized Development Plan.

Completion of Doctoral Compact between doctoral student and thesis advisor, with optional participation of thesis committee or other mentors, is required by the first thesis committee meeting following submission of the Doctoral Thesis Letter of Intent.

Exemption(s): For an exemption of a required NEPI course or degree requirement, you must complete an Exemption Petition. Approval of an Exemption does NOT decrease the minimum number of course credits required for your degree.

Complete for Graduation - Approval of Intent to Graduate: Based on my review of this worksheet and transcript for this student will have met his/her requirements for graduation by (circle month): August or February or May (Year) ________

Academic Advisor/Dateinka McKeown

Program Director/Date
### Master of Nutrition Science and Policy

**Program Director:** Lynne Ausman  
http://nutrition.tufts.edu/students/registrar/degree-requirement-worksheets

**MNSP Degree Credits Requirement:** 10 credits are required.

**Exemption(s):** For an exemption of a required course or degree requirement, you must complete an Exemption Petition form. Approval of an Exemption does NOT decrease the minimum number of course credits required for your degree program.

**Important to Note:** Students must connect with their Academic Advisor in their last semester prior to graduation to review the MNSP Degree Requirement Worksheet, obtain the approvals below, and submitted to Friedman’s Registrar.

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Semester/Year</th>
<th>Grade</th>
<th>Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>REQUIRED CORE:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTB 0205</td>
<td>Nutritional Biochemistry with Clinical and Community Applications: Macronutrients</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTB 0305</td>
<td>Nutritional Biochemistry with Clinical and Community Applications: Micronutrients</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>POLICY:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTB 0206</td>
<td>Global Food and Nutrition Policy</td>
<td>1</td>
<td>Summer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTB 0238</td>
<td>Economics for Food and Nutrition Policy</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SKILLS:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTB 0204</td>
<td>Epidemiology for Nutrition Professionals</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTB 0250</td>
<td>Statistical Methods for Health Professionals I</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTB 0350</td>
<td>Statistical Methods for Health Professionals II</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTB 0300</td>
<td>Master’s Thesis</td>
<td>1</td>
<td>Summer</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Please provide this information to be added to your transcript:

- **Thesis Advisor(s):** ______________________________________________________
- **Thesis Title:** __________________________________________________________

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit</th>
<th>Semester/Year</th>
<th>Grade</th>
<th>Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ELECTIVES:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTB 0208</td>
<td>Management of Health and Nutrition NGOs</td>
<td>0.5</td>
<td>Summer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTB 0210</td>
<td>Monitoring and Evaluation of Nutrition and Food Security Programs</td>
<td>1</td>
<td>Fall; Not offered 2016-2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTB 0211</td>
<td>Theories of Behavior Change</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTB 0219</td>
<td>Food Science Fundamentals</td>
<td>0.5</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTB 0241</td>
<td>Nutrition and Aging</td>
<td>0.5</td>
<td>Not offered 2016-2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTB 0242</td>
<td>Obesity and Energy Regulation</td>
<td>0.5</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTB 0243</td>
<td>Nutrition, Brain, and Behavior</td>
<td>0.5</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTB 0310</td>
<td>Qualitative Research Methods</td>
<td>1</td>
<td>Not offered 2016-2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTB 0316</td>
<td>Advanced Medical Nutrition Therapy</td>
<td>1</td>
<td>Summer 2016</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Training in Protection of Human Subjects (CITI) Degree Requirement:** Did you email Friedman’s Registrar your completion of CITI Certification? **YES** or **NO**

**Complete for Graduation - Approval of Intent to Graduate:** Based on my review of this worksheet and transcript it appears that this student will have met his/her requirements for graduation by (circle month): August or February or May (Year) ________.

- **Academic Advisor Signature:** ____________________________  
- **Program Director Signature:** ____________________________

- **Date:** ____________________________  
- **Date:** ____________________________
II. Joint and Combined Degrees

A. MAHA - Joint Master of Arts Degree in Humanitarian Assistance Degree

Program Director: Dyan Mazurana

http://nutrition.tufts.edu/students/registrar/degree-requirement-worksheets

MAHA Joint Degree Credits Requirement: A minimum of 10 credits.

Students in their last semester prior to graduation must meet with their Academic Advisor in-person to review the two-page MAHA Degree Requirement Worksheet, obtain the required Advisor approval below, along with approval from the MAHA Program Director, and submit the Worksheet to Friedman’s Office of Student Affairs (Jaharis, 123 or michelle.frankfort@tufts.edu). Note: To enroll in the Fletcher courses listed below, please email Fletcher’s Registrar, mary.dulatre@tufts.edu and copy Friedman’s Registrar, michelle.frankfort@tufts.edu on the email so your enrollment in the Fletcher course(s) may be processed in SIS.

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit(s)</th>
<th>Offered</th>
<th>Semester/Year Enrolled If Exemption, mark an “E”</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 0223</td>
<td>Seminar in Humanitarian Issues</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0229</td>
<td>Humanitarian Action in Complex Emergencies</td>
<td>1</td>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 0308</td>
<td>Nutrition in Emergencies, Practice and Decision-Making</td>
<td>1</td>
<td>Spring</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Required MAHA Oral and Written Capstone Project (All MAHA students must present an Oral and Written Capstone Project):

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit(s)</th>
<th>Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 0299</td>
<td>MAHA Capstone Project</td>
<td>2</td>
<td>Spring</td>
</tr>
</tbody>
</table>

Core Elective Courses – Select three course credits from the following:

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit(s)</th>
<th>Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 0202</td>
<td>Principles of Nutrition Science</td>
<td>1</td>
<td>Fall</td>
</tr>
<tr>
<td>NUTR 0207</td>
<td>Statistical Methods in Nutrition Science and Policy</td>
<td>1</td>
<td>Fall</td>
</tr>
<tr>
<td>NUTR 0210</td>
<td>Survey Research Nutrition</td>
<td>1</td>
<td>Spring</td>
</tr>
<tr>
<td>NUTR 0217</td>
<td>Monitoring and Evaluation of Nutrition and Food Security Projects</td>
<td>1</td>
<td>Spring</td>
</tr>
<tr>
<td>NUTR 0222</td>
<td>Gender, Culture and Conflict in Complex Humanitarian Emergencies – cross-listed with Fletcher (DHP D232)</td>
<td>1</td>
<td>Fall</td>
</tr>
<tr>
<td>NUTR 0228</td>
<td>Community and Public Health Nutrition</td>
<td>1</td>
<td>Fall &amp; Spring</td>
</tr>
<tr>
<td>NUTR 0231</td>
<td>Fundamentals of Geographic Information Systems (GIS)</td>
<td></td>
<td>Fall &amp; Spring</td>
</tr>
<tr>
<td>NUTR 0238</td>
<td>Economics for Food Policy Analysis</td>
<td>1</td>
<td>Spring</td>
</tr>
<tr>
<td>NUTR 0243</td>
<td>Forced Migration – cross-listed with Fletcher (DHP D233)</td>
<td>1</td>
<td>Spring</td>
</tr>
<tr>
<td>NUTR 0301</td>
<td>Nutrition in the Life Cycle</td>
<td>0.5</td>
<td>Spring</td>
</tr>
<tr>
<td>NUTR 0304</td>
<td>Nutrition, Food Security, and Development</td>
<td>1</td>
<td>Fall</td>
</tr>
<tr>
<td>NUTR 0310</td>
<td>Qualitative Research Methods for Nutrition</td>
<td>1</td>
<td>Spring</td>
</tr>
<tr>
<td>NUTR 0324</td>
<td>International Humanitarian Response</td>
<td>1</td>
<td>Spring</td>
</tr>
<tr>
<td>DHP D220</td>
<td>Processes of International Negotiation</td>
<td>1</td>
<td>Fall</td>
</tr>
<tr>
<td>DHP D223</td>
<td>Theories of Conflict and Conflict Resolution</td>
<td>1</td>
<td>Fall</td>
</tr>
<tr>
<td>DHP D231</td>
<td>Gender and Human Security in Transitional States and Societies</td>
<td>1</td>
<td>Spring</td>
</tr>
<tr>
<td>DHP D235</td>
<td>Introduction to Research Methods</td>
<td>1</td>
<td>Spring</td>
</tr>
<tr>
<td>DHP P222</td>
<td>Development Aid in Practice</td>
<td>1</td>
<td>Fall</td>
</tr>
<tr>
<td>DHP P225</td>
<td>Design &amp; Monitoring of Peacebuilding and Development Programming</td>
<td>0.5</td>
<td>August Pre-Session</td>
</tr>
<tr>
<td>DHP P226</td>
<td>Evaluation of Peacebuilding and Development for Practitioners &amp; Donors</td>
<td>0.5</td>
<td>January</td>
</tr>
<tr>
<td>DHP P237</td>
<td>Engaging Human Security: Latin America</td>
<td>1</td>
<td>Fall</td>
</tr>
<tr>
<td>DHP P298</td>
<td>Conflict in Africa</td>
<td>1</td>
<td>Spring</td>
</tr>
<tr>
<td>ILO L210</td>
<td>International Human Rights Law</td>
<td>1</td>
<td>Fall</td>
</tr>
<tr>
<td>ILO L216</td>
<td>International Humanitarian Law</td>
<td>1</td>
<td>Fall</td>
</tr>
<tr>
<td>ILO L224</td>
<td>Peace Operations</td>
<td>1</td>
<td>Spring</td>
</tr>
</tbody>
</table>

List Additional Electives (Two course credits – must receive approval from MAHA Program Director):

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
</tr>
</thead>
</table>

Training in Protection of Human Subjects Degree Requirement - Did You Email the Office of Student Affairs Your CITI Certification? YES or NO

Foreign Language Degree Requirement - Oral and Reading Comprehension Exam - All students must pass an oral exam and a reading comprehension exam, unless English is a second language. More details about this requirement may be reviewed at: http://fletcher.tufts.edu/FletcherConnect/Registrar/Degree-Requirements.

Has Fletcher’s Registrar’s Office sent on your completed Oral and Reading Comprehension exam results to Friedman’s Registrar to be added to your Friedman transcript? YES or NO

EXEMPTION(S): For an exemption of a required MAHA course or degree requirement, you must complete an Exemption Petition form. Approval of an Exemption does NOT decrease the minimum number of course credits required for your degree program.

Complete for Graduation - Approval of Intent to Graduate:

Based on my review of this worksheet and transcript it appears that this student will have met his/her requirements for graduation by (circle month): August or February or May (Year)

Academic Advisor Signature/Date: ____________________________ Program Director Signature/Date: ____________________________
B. MS/MALD – Combined Master’s Degree in Nutrition and Law and Diplomacy

The requirements for the Friedman School Master of Science Degree for students in the MS/MALD (Friedman School/Fletcher combined Master’s) program are the same as those for students in the relevant Friedman School program, usually Food Policy and Applied Nutrition. The combined degree students take a total of 24 courses in six semesters; half of these courses are taken at the Friedman School and half are taken at The Fletcher School. Students may count four Fletcher courses toward their Friedman School M.S. degree and may count four Friedman School courses toward their Fletcher Master of Arts in Law and Diplomacy degree.

C. MS/MPH – Combined Master’s Degree in Nutrition and Public Health

The requirements for the Friedman School Master of Science Degree for students in the combined MS/MPH program are the same as those for students in the relevant program. The combined degree student takes a total of 21 courses; of these, 16 are credited to the MS in nutrition and 13 are credited to the MPH, with a total of eight courses counted toward both degrees. Students in the combined MS/MPH program may take any of the Friedman School programs in conjunction with any of the MPH concentrations. Students in the Frances Stern Dietetic Internship program may be unable to complete the MS in Nutrition and the MPH in five full-time semesters because of additional clinical requirements.

D. MS/MA – Combined Master’s Degree in Agriculture, Food and Environment (AFE) or Food Policy and Applied Nutrition (FPAN) and Urban and Environmental Policy and Planning (UEP)

Students must complete the general requirements of each master’s degree (AFE or FPAN and UEP). When similar requirements are made by both programs, the more rigorous requirement will cover both. Therefore, the combined degree requires completion of:

- all core course requirements in AFE or FPAN and UEP
- an internship
- a thesis or capstone examination, as required by UEP, instead of the more-flexible directed study requirement of the Friedman School

Combined degree students must complete a minimum of six semesters and 23 credits, comparable to our combined degrees with Fletcher. This is six credits less than would be required if the two degrees were pursued separately (16 for AFE or FPAN, including an internship, and 14 for UEP, excluding the internship). In total, 12 credits will be taken through Friedman, including a one-credit internship, and 11 credits through UEP, including a thesis or capstone examination. The thesis or capstone exam typically counts for one or two credits for UEP students, for reasons internal to UEP.

Students will be allowed to transfer no more than four courses of equivalent graduate-level coursework from an accredited university, if the work was not credited to a previous degree, subject to the rules of both the Graduate School of Arts and Sciences and Friedman School. No more than two courses may be transferred [from other schools] toward each degree for a total of four courses.

Students in any given semester will be registered either in the Friedman School or in UEP. Course credits applicable to one degree that are taken in the other degree program will be formally transferred according to the currently existing
procedure so that they appear on the final transcript. Therefore, this program explicitly waives the restriction against counting courses toward two degrees: a total of 14 credits will appear on the transcript for the M.A. in UEP and 16 credits on the transcript for the M.S. in the Friedman School.

Appendix 2

Authorship Guideline Relating to Manuscripts Involving Friedman School of Nutrition Science and Policy Students

These guidelines apply to all written submissions involving students of the Friedman School when using their school affiliation in the context of publication. Their intent is to protect students’ interests in the context of research-based publications.

The school encourages student participation in research and related authorship of publishable papers, be it alone or in collaboration with faculty or other students at the school. These guidelines identify minimum requirements for authorship as well as for acknowledgments. Some journals have additional requirements. Every author must comply with the authorship requirements of the journal to which a manuscript is submitted provided that he/she also meets the minimum requirements of the Friedman School.


***

All persons designated as authors should meet the criteria for authorship as follows:

1. Authorship credit should be based only on: a) substantial contributions to the conception and design, data acquisition, or data analysis and interpretation (participation in a doctoral dissertation committee does not in itself guarantee co-authorship of resultant publications); b) contributing new reagents, new animal models (e.g. transgenic animal), or other novel tools for successful implementation of the study design, c) drafting or revising an article critically for important intellectual content; and d) final approval of the version to be published. Conditions a, and c and d must all be met; condition b is specific to only certain kinds of biological research.

2. When doctoral dissertation work is converted into publishable articles or other paper the doctoral student concerned is typically first author. The order of other authors on the by-line should be a joint decision among co-authors, guided by the amount of time invested in bringing the publication to fruition. Relative contributions to the research, writing and analysis process, and hence likely order of co-authorship, should as far as possible be agreed at that outset of paper preparation (or as early in the process as possible), rather than at the point of submission (see attached references for further guidance on the ethics of deciding authorship order).

3. Authors should be prepared to explain the order in which authors are listed. If issues cannot be resolved jointly among authors, potential co-authors concerned about perceived unethical practice can bring the issue to the attention of the Academic Dean.
unresolved at that level a case may be brought to the Grievance Committee, and ultimately to the University’s Grievance Committee.

4. An author may list more than one contribution to a publication, and more than one author may have contributed to the same aspect of the work. Authors should be prepared to indicate their specific contributions to the published work. The corresponding author must obtain permission from all authors for any change in the order of authorship prior to publication. Students should pay close attention to the order of authorship at the time of submission of drafts to a journal, and also when signing any copyright agreement.

5. Other members of the group who do not meet authorship criteria should be listed, with their permission, in the Acknowledgments or in an appendix. The acquisition of funding, data collection, supervision of the research group, or participation as a support service center member, do not justify authorship.

6. Authorship of multi-center trials should be attributed to a group. All individuals in a group who are named as authors should meet the criteria for authorship. Members who do not meet authorship criteria should be listed, with their permission, in the Acknowledgments or Appendix sections.

7. List all other contributors who do not meet the criteria for authorship, such as individuals who provided purely technical or writing assistance, a laboratory director who provided only general support, and/or material support in the Acknowledgments section.

8. Groups of people who have contributed to the paper but whose contributions do not justify authorship may be listed in the Acknowledgments section under a heading such as “participating investigators.” Their contributions can be described as “scientific advisors”, “critically reviewed the study proposal”, “collected data”, or “provided and cared for volunteers and/or animals.”

9. Because readers may infer endorsement of data by those acknowledged, all persons must give written permission to be acknowledged.

10. Conflict of interest exists if there is a direct or indirect financial relationship with industry through employment, consultancies, stock ownership and honoraria, either directly with the author, or through the author’s family. However, conflicts can also occur for other reasons, such as antagonistic personal relationships among researchers or students, or academic competition. The perception of conflict of interest should be avoided. All authors should be prepared to defend any relationship that could be construed or perceived as a conflict of interest. For further details, see Tufts University’s Policy on Conflict of Interest as published in Tufts’ Business Conduct Policy (2000) booklet or seek advice and counsel for Tufts’ Office of Associate Provost for Research.

Recommended Reference Materials on Ethics of Authorship.


Guidelines for Authorship of Papers for Publication Arising out of Student Dissertations

Consistent with guidelines for manuscripts submitted to biomedical journals, the FSNSP has adopted the following guidelines for authorship of papers to be published based on students’ dissertation research.

Each listed author should have participated sufficiently in the work to take public responsibility for the content. Authorship credit should be based only on

a) substantial contributions to conception, design, analysis, or interpretation of data,
b) substantial contributions to drafting the article or reviewing or revising it critically for important intellectual content, and
c) final approval of the version to be published.

Conditions (a), (b), and (c) must be met.

It is thus not automatic that all Dissertation Committee members will be listed as authors of all papers arising from the dissertation. Participation solely in the acquisition of funding or the collection of data does not justify authorship. General supervision of the research center, consortium, laboratory, or group is not by itself sufficient to justify authorship. Participation as a research assistant performing the typical duties of the job is also not sufficient to justify authorship.

Faculty members serving on Dissertation Committees or as advisors on dissertation research may decide that their contribution does not justify authorship of articles arising from the dissertation, without implying a lack of acceptance of the dissertation.

It is suggested that, early in the process of planning the dissertation, the student and the Committee identify the individual papers to be written, the expected contributions of the Committee members to each paper, and probable authorship.

Appendix 3

GRIEVANCE POLICIES AND PROCEDURES
at the Friedman School
Approved by faculty October 30, 2001

CHARGE TO THE GRIEVANCE COMMITTEE

This Committee will address grievances from members of the Gerald J. and Dorothy R Friedman School of Nutrition Science and Policy (FSNSP) Community according to procedures established by the Faculty of the FSNSP. In appropriate circumstances, the Committee will conduct Formal Hearings of grievances and make Findings based on these hearings. Before the entire Committee will consider a grievance, either less formally or in a Formal Hearing, a Grievant will make an appointment with a Committee member in an attempt to resolve the problem at the lowest organizational level possible. The Grievance Committee will be composed of four members of the Faculty of the FSNSP, elected for staggered four-year terms. The Committee shall elect to a two-year term a member from outside the Faculty of the FSNSP to serve at Formal Hearings only. This member shall be selected from a list of no fewer than three candidates provided by the Dean. A member of the Grievance Committee may not serve concurrently as a member of the Committee on Appointments and Promotions. This Committee shall report annually to the Dean of the FSNSP.
SCHOOL OF NUTRITION SCIENCE AND POLICY GRIEVANCE POLICY AND PROCEDURES

[Definition: Unless otherwise specified, the term "Dean" refers to the Dean of the FSNSP or his or her designated representative.]

In the interest of having the FSNSP and its faculty perform their duties and obligations in a harmonious and effective manner, the School recognizes the importance of prompt and equitable disposition of any grievance at the lowest organizational level possible under procedures of maximum informality and flexibility.

Grievance procedures, whether informal or formal, should insure fairness in relations among faculty, students, and staff. Members of the Grievance Committee serve as mediators and fact finders entrusted with the task of resolving misunderstandings and redressing injustices equitably without undue delay through the grievance procedures established by the Faculty of the FSNSP.

Issues that might be appropriate bases for initiating grievance procedures include but are not limited to (a) a perceived violation, misinterpretation, or inequitable application of policy or procedure affecting a member of the FSNSP Community, (b) treatment of one member of the FSNSP Community by another that is inappropriate, unprofessional, or not consistent with one's standing within the FSNSP Community, (c) issues of authorship or credit for academic work performed. The following types of issues must be dealt with through other University procedures, e.g.: (a) scientific misconduct and plagiarism; (b) perceived discrimination or harassment because of race, color, religion, national origin, sex, age, handicap, or sexual preference.

In cases involving the actions of any other FSNSP Committee or in cases involving the actions of individual members of the FSNSP Community as part of their official duties and responsibilities, the Grievance Committee will consider or act with respect to their decisions only insofar as such considerations bear directly and substantially on charges of impropriety or procedural irregularity.

Members of the FSNSP Community who hold appointments in other units of the University may bring issues to the Grievance Committee only if such issues directly or substantially arise from the members’ appointment in the FSNSP and if the respondent is a member of the FSNSP.

GRIEVANCE COMMITTEE

The Grievance Committee consists of four members of the Faculty of the FSNSP, elected by the FSNSP faculty, for staggered four-year terms. The Committee shall elect to a two-year term a member from outside the Faculty of the FSNSP to serve at Formal Hearings only. This member shall be selected from a list of no fewer than three candidates provided by the Dean. In the event of a vacancy on the Committee, a replacement will be selected in accordance with the School’s by-laws to fill out the unexpired portion of the term. A member of the Grievance Committee may not serve concurrently as a member of the Committee on Appointments and Promotions.

The Committee shall meet at least once each year to elect a Chair for that academic year. At least once each year, the Committee shall review with the appropriate member of the University Administration (e.g., the General Counsel, Human Resources officer, or other qualified person) the criteria for grievable and non-grievable issues. The Committee shall also meet upon the request of a Grievant, or upon the request of at least half of the Committee members, or whenever, in the opinion of the Chair, a meeting is desirable.

Members who miss three consecutive Committee meetings will be considered to have resigned their appointment to the Grievance Committee.
GRIEVANCE PROCEDURE

Committee members with current appointments to the Committee, and only such members, will have responsibility for any grievance that spans the terms of two different Committees. That is, grievances started under one committee will be passed on to the newly elected committee for resolution if timing requires it.

Time Limits: All time limits are to be calculated not counting the day of delivery or receipt but counting the day of requisite action. Thus, if a Request for a hearing is received on a Tuesday the Hearing date shall be no later than the Tuesday four weeks later. In the event that a deadline shall occur on a University holiday, the deadline shall be moved to the next business day. The Committee may, at its discretion, by majority vote of the Committee, extend any deadline for a reasonable period of time, to allow all parties adequate opportunity to prepare for the Hearing, or for other appropriate reason. The right to postpone such deadlines is reserved to the Committee.

First Contact: A member of the FSNSP Community (the Grievant) who wishes to present a grievance should contact any member of the Committee (the First Contact Person) requesting a meeting. After conferring with the Grievant, the First Contact Person may offer nonbinding advice, in confidence, concerning the merits of the case and concerning further action that might be taken. Typically, such advice might involve but not be limited to (a) a referral to another individual or committee within the University, (b) a nonbinding evaluation of the merits of the grievance, (c) an offer to mediate the grievance, (d) a recommendation that the grievance be referred to the full Committee for informal consideration, or (e) an opinion that the issues raised may not be grievable under these Procedures. If the First Contact Person believes the issues are non-grievable, and the Grievant wishes to pursue the grievance, the issue will be referred to the full Grievance Committee to determine, by majority vote, if the issues are grievable or not. If the Committee decides at any stage that the issues presented are not grievable under these Procedures, the Committee will advise the grievant of such determination and the reasons therefore. Otherwise, the following procedures will apply.

The First Contact Person shall not take action or report further on the case without the written consent of the Grievant. With the written consent of the Grievant, the First Contact Person may communicate with the interested parties in an attempt to resolve the grievance informally. If the grievance cannot be resolved at this level, the Grievant may request that the full Committee (but without the external member) be convened to consider the grievance informally.

Informal Grievance Procedure: The Grievant will submit to the Committee a written description of the grievance and the remedies sought. He or she will then meet with the Committee informally to discuss the grievance. With written permission from the Grievant, the Committee will then contact the Respondent and request a meeting with that person separately. The Committee will attempt to reach a settlement acceptable to both sides at this informal level.

The First Contact and Informal Procedure are expected to take no longer than two months, at which time the grievance will either move to Formal Hearings or be withdrawn by the Grievant.

If the grievance cannot be disposed of at an informal level, either party may request that a Formal Hearing be held. This request must be in writing to the Chair of the Committee and outline the disagreement and remedies requested.

The Grievance Committee will not process a grievance when the parties and issues are before a court or the subject of a determinative court decision.
In the event that any member of the Grievance Committee has participated in the circumstances that led to the grievance, that member shall not serve in any capacity in that case. When the participation of the full Committee is required for a Formal Hearing, the Dean will name an ad hoc member to the Committee.

Formal Procedure:

Scheduling of Formal Hearings

The Chair of the Committee shall promptly schedule and arrange for the Formal Hearing that shall include the Grievance Committee including the outside member, the Grievant, and the Respondent. The Hearing date shall not be less than two weeks nor more than four weeks from the date of receipt of the Request, provided, however, that a hearing for someone who is under suspension shall be held as soon as arrangements therefore may reasonably be made, typically not later than three weeks from the date of receipt of the Request. All deadlines can be extended at the discretion of the Committee by majority vote to assure the integrity of the hearing process, or for other appropriate reason. A grievance case must be received by the Chair of the Grievance Committee during either the fall or spring academic semester. If a case cannot be completed within the academic year, the hearings may be suspended, at the discretion of the Committee by majority vote, until the next academic year, even though the makeup of the Committee may be changed by elections.

The Chair of the Committee shall notify the Grievant and all parties named in the Request for a Formal hearing, in writing of the time, place, and date so scheduled. The Chair shall also notify in writing the Dean, the Executive Associate Dean, and, when appropriate, that is, when either the Grievant or the Respondent is a student in the FSNSP, the Dean of Students.

Conduct of the Hearing

(1) No member of the Grievance Committee may vote by proxy. The Committee shall vote to determine the periods in which the Hearing is to be kept open (parties to the grievance may attend) or closed (executive session). This vote may be taken with respect to any of the individual sessions that together compose the Hearing.

(2) An accurate record of the Hearing shall be kept. The method shall be established by the Committee, and be accomplished by use of a court reporter, electronic recording unit, detailed transcription, or by taking of adequate minutes.

(3) The personal presence of the Grievant shall be required. A Grievant who fails without good cause to appear and proceed at such Hearing shall be deemed to have abandoned the grievance. If the respondent fails to attend the hearing without providing a proper reason for his absence, the hearing may be conducted in his absence, at the discretion of the Committee, determined by majority vote.

(4) Postponement of Hearings beyond the time set forth in these Procedures shall be made only with the approval of the Grievance Committee. Granting of such postponements shall only be for good cause shown.

(5) Each party to the grievance may be accompanied at the Hearing by a person of his or her own choosing and shall be so informed by the Chair in the notification of the Hearing. All parties shall attempt to present evidence with a minimum of procedural encumbrance. Although formal rules of evidence shall not apply, the Committee should take special care in evaluating letters or other hearsay evidence that is presented by or on behalf of any Party. The Grievance Committee may be advised by an attorney on matters of procedure and evidence.
(6) The Chair of the Committee shall preside over the Hearing to determine the order of procedure during the Hearing, to assure that all interested parties or their representatives have the opportunity to participate, to assure that all participants in the Hearing have a reasonable opportunity to present relevant oral and documentary evidence, and to maintain decorum.

(7) Strict rules of law relating to the examination of witnesses or presentation of evidence do not apply.

(8) During the Hearing, the Grievant(s), the Respondent(s), and the Grievance Committee shall have the following rights: to call and examine witnesses, to introduce written evidence, to cross examine any witness on any matter relevant to the issue of the Hearing, and to offer relevant evidence in rebuttal. At its discretion, the Committee may arrange for the presentation of such additional evidence as it deems relevant. If the Grievant does not testify in his or her own behalf, he or she may be called and examined as if under cross-examination.

(9) The Committee may, without special notice, recess the Hearing and reconvene the same for the convenience of the participants or for the purpose of obtaining new or additional evidence or consultation. Upon conclusion of the presentation of oral and written evidence, the Hearing shall be closed. The Committee may thereupon, at a time convenient to itself, conduct its deliberations in executive session and report its findings to the Dean within 60 days.

Findings

Findings by the Grievance Committee shall be based solely on the evidence presented. Within four weeks of the conclusion of the presentation of oral and written evidence, the Grievance Committee shall communicate its findings, including recommendations (if any) for disposition of the Grievance, ("Findings"), in a written report to the Dean and the parties to the grievance. The Report, together with the record of the Hearing, shall be submitted to the Dean for final disposition. The Dean may seek the advice of the Provost, the President of the University, and members of the Board of Trustees. The Dean shall base his or her decision on the record, including the Findings, or if he or she determines that the Grievance Committee should take further evidence or reconsider its Findings, he or she shall so request within four weeks of receipt of the Report. This request shall be in writing and the grounds for reconsideration shall be stated in full. The Grievance Committee shall promptly reconsider its Findings and shall thereafter issue a second Report within four weeks.

The Dean shall make the final adjudication of the grievance within four weeks of the issuance of the Report or second Report of the Grievance Committee, as the case may be. In a case where the Dean is in disagreement with the Findings of the Grievance Committee, the Dean shall so inform the chair and shall meet with the Grievance Committee within a four-week period to discuss the basis of the disagreement, prior to the Dean's rendering a final decision.

The Dean shall inform in writing the Grievant, all other parties in the grievance, and the Grievance Committee of the final disposition of the case, and in the event that the final disposition is not in accordance with the Findings of the final Report of the Grievance Committee, the Dean shall give in writing the grounds for rejection of those Findings.

After the final disposition of the Formal Hearing, the record of the Hearing and copies of all documents pertaining to the Hearing shall be placed in a separately held file of the Dean. The Report of the Findings shall not be made to, nor adjudication made by, an individual who is a party to the grievance. In the event that the Dean is a party to the grievance, the Report of the Findings shall be made to the Provost or his or her designated representative for final adjudication. The record of the Hearing and copies of all documents pertaining to the Hearing shall then be placed in the files of the Provost.
CONFIDENTIALITY

Consistent with the requirements of law, and the privacy of the parties involved, the Committee will make every effort to maintain the confidentiality of all proceedings relating to the Grievance, including the identities of the parties involved. The First Contact Person shall not take action or report further on a case without the written consent of the Grievant. The First Contact Person shall obtain written permission before disclosing to other Committee members any information that would break confidentiality.

If it is found that a committee member has made unauthorized, public revelations of confidential information that could be known only through committee activities, that person shall be removed from the committee by the Dean. In addition, the Chair shall have a letter describing the breach of confidentiality placed in the individual's permanent personnel file. If it is the Chair who breaks confidentiality, the Dean shall place such a letter in the individual's file.

Grievants should be informed that there are some situations where legal and/or University regulations take precedence over confidentiality requirements. These include but are not limited to charges of sexual harassment and cases involving affirmative action, which, as a matter of University policy, must be reported to the Special Assistant to the President for Affirmative Action.

Members of the Committee are free to take whatever actions seem appropriate if there is reasonable suspicion that individuals are a threat to themselves or others or that a crime has been committed. However, such actions must be consistent with protecting confidentiality insofar as it is possible.

REPORTING REQUIREMENTS

The Grievance Committee shall report at least annually to the Dean. The Report shall consist of the number of cases heard by First Contact Persons and by the Grievance Committee and the general nature of the grievances, in such a way that complete confidentiality will be maintained and that the identity of those involved (Grievant and Respondent) will not be revealed.

RECORD KEEPING AND DISPOSITION

All records (whether print or electronic) that refer to particular grievances shall be stored under lock and key. Files may be maintained on a desktop computer only if they are password-protected with passwords known only to members of the Grievance Committee.

The First Contact person will retain copies of all records of First Contacts that do not lead to further action, for a period of three (3) years. The Chair will keep copies of all records pertaining to Informal and Formal procedures while they are ongoing. The Dean will keep records pertaining to Informal procedures for three (3) years after their resolution, and of Formal Hearings for five (5) years after their resolution.
Appendix 4
Satisfactory Academic Progress

The below sections provide explanations for Satisfactory Academic Progress. The specific criteria for Satisfactory Academic Progress, specified by each degree program, are found in the table below.

Maximum Time to Complete Degrees

In order to achieve satisfactory academic progress, a student must complete their degree requirements within 150% of the degree program's published length in accordance with the standards established by their program as noted in the table below, assuming full-time enrollment. In cases where a student is enrolled part-time, the time to completion of degree will be adjusted accordingly.

Grade Point Average to Achieve Satisfactory Academic Progress

As part of the Satisfactory Academic Progress assessment, students will be evaluated to determine if they have achieved satisfactory levels of academic progress. In order to achieve satisfactory academic progress, a student must earn a minimum GPA in accordance with the chart below. Although a grade of B- is considered a passing grade for an individual course and will be counted toward degree credit, a cumulative GPA of 3.00 is required to be granted a degree from the Friedman School. Transfer credits are not included in calculation of the GPA and are not included when determining Satisfactory Academic GPA requirements.

Completion Rate (Credit Hour Progression)

Each student’s cumulative Completion Rate will be evaluated by comparing the total number of attempted credit hours with the total number of credit hours earned. In order to achieve satisfactory academic progress, a student must earn a minimum percentage of credits attempted in accordance with the chart below.

Credits attempted are those hours a student is registered for at the conclusion of the add/drop period each semester as defined by the Registrar’s Office. All classes for which a student is registered after that date will be included. Successfully completed credit hours are defined as the total number of hours which a student receives a grade of B- or better.

Treatment of Course Withdrawals, Incomplete(S)/Not Reported, Repeated Courses and Transfer Courses

Withdrawals (W): Credit hours for courses dropped before the conclusion of the add/drop period that no longer appear on the student's enrollment record or transcript will not count as a course attempted. Credit hours for courses in which a student has remained enrolled after the add/drop period for which the student receives a "W" grade, will count as a course attempted.

Incompletes (I): Credit hours for courses in which a student has an incomplete grade or the faculty has not reported a grade at the time in which SAP is reviewed will be included in the course attempted hours. However, as there is no current grade in the system, these courses will not be included in the cumulative GPA determination at such time.

Repeated courses: For required courses that are repeated due to failure, only the most recent grade is included in the students’ cumulative GPA when determining the SAP standard for GPA. When determining if a student is meeting the SAP standard for Completion Rate, credit hours for the original failure and the most recent course will count as a course attempted.
Students who receive a grade of less than a B in a course may repeat the course in order to attempt to earn a better grade. If a student re-takes a course and passes it, s/he receives credit for the course; both grades are included on the student transcript, and in computation of the GPA. No more than 2 courses may be re-taken in this manner during any Friedman School degree. Any given course may only be counted once toward a Friedman degree or certificate requirement. When determining the SAP standards for GPA and Completion Rate, both courses will be included in the determination. Students may only receive financial aid to repeat a previously passed course one time. Students that opt to repeat a course a subsequent time must pay for that course.

**Transfer Credits:** Credit hours for approved transfer courses used to fulfill degree requirements will be included when determining SAP Completion Rates.

**Other Institutions (Joint Programs)**

Students enrolled in courses as students in Joint or Dual Degree Programs with other institutions are subject to the standards of Friedman School satisfactory academic progress for only the semesters when the student’s enrollment is administered by the Friedman School. If the terms of the Joint/Dual Program include stricter requirements for satisfactory academic progress, the stricter requirements will be honored and enforced by the Friedman School.
### Table. Criteria for Satisfactory Academic Progress

<table>
<thead>
<tr>
<th>Degree Program</th>
<th>Cumulative Credits Attempted</th>
<th>Minimum GPA</th>
<th>Minimum Time to Degree (years)</th>
<th>Maximum Time to Degree (years)</th>
<th>Cumulative Credits Attempted</th>
<th>Credits That Must be Successfully Completed (%)</th>
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<tr>
<td>M.S.</td>
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<td>2.7</td>
<td>2</td>
<td>3</td>
<td>0-8</td>
<td>50%</td>
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<tr>
<td></td>
<td>8.5 or more</td>
<td>3.0</td>
<td></td>
<td></td>
<td>8.5 or more</td>
<td>67%</td>
</tr>
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<td>Combined M.S./ Dietetic Internship</td>
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<td>2.7</td>
<td>2</td>
<td>3</td>
<td>0-5</td>
<td>50%</td>
</tr>
<tr>
<td></td>
<td>5.5 or more</td>
<td>3.0</td>
<td></td>
<td></td>
<td>6 or more</td>
<td>67%</td>
</tr>
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<td>M.A. in Humanitarian Assistance</td>
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<td>2.7</td>
<td>1</td>
<td>1.5</td>
<td>0-4</td>
<td>50%</td>
</tr>
<tr>
<td></td>
<td>4.5 or more</td>
<td>3.0</td>
<td></td>
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<td>4.5 or more</td>
<td>67%</td>
</tr>
<tr>
<td>Doctor of Philosophy</td>
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<td></td>
<td>0-8</td>
<td>50%</td>
</tr>
<tr>
<td></td>
<td>8.5 or more</td>
<td>3.0</td>
<td></td>
<td></td>
<td>8.5 or more</td>
<td>67%</td>
</tr>
<tr>
<td>Master of Nutrition Science and Policy</td>
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</tr>
<tr>
<td></td>
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<td>3.0</td>
<td></td>
<td></td>
<td>5.5 or more</td>
<td>67%</td>
</tr>
</tbody>
</table>
Appendix 5

Information Technology Responsible Use Policy and Procedures for Responding to Digital Millennium Copyright Act Violations

The Tufts University Information Technology (UIT) Responsible Use Policy is a valuable guideline by which faculty, staff and students can review the requirements of legal and ethical behavior within the University community when using a computer, computer system or the network. Students should review and are responsible for the policy which is located on the UIT website at: http://uit.tufts.edu/?pid=786.

This website includes the full Responsible Use Policy, explanations of key points within the policy, and an Overview of Users Rights and Responsibilities. You will also find explanations of the University’s Security Incident Response and policies for key services such as E-mail, wireless, virus infection and network use.

In 1998 the US Congress passed into law the Digital Millennium Copyright Act (DMCA). This act is meant to protect the rights of owners of digital media. The DMCA is used by corporations to protect their software from piracy and unlawful duplication and can be used in the prosecution of persons violating the copyright of digital media, including music, movies, images and online books.

Media Corporations have contracts with companies that search out computers on the Internet that are serving copyrighted media. If you are sharing files using programs such as Kazaa, Limewire, Gnutella and other popular “P2P” file sharing programs you may be discovered by one of these companies. If this occurs, a letter is sent to Tufts University and we are legally required to disable your connection to the Internet.

First time offenders will be notified by the University and must bring their computer to the Multimedia Resource Center (MRC) in the basement of the Sackler Building. All offending files will be removed and the operating system rebuilt. The Dean for Students is also notified of the violation. If a second offense occurs, the student will be referred to the Dean for Students for disciplinary action.

For more detailed information, please visit: http://student.support.tufts.edu/copyright/p2p

Appendix 6

Tufts University Americans with Disabilities Act/Section 504 Policy

Students with documented learning disabilities or other special needs can receive specific accommodations (such as extended time on tests), as needed. Students are required to submit their documentation, including test results, from a qualified professional to:

Assistant Dean of Student Affairs
Friedman School Office of Student Affairs
Jaharis Center
150 Harrison Ave.
Boston, MA
Phone: (617) 636-3777

For further details about receiving accommodations visit the Disability Services and Office of Equal Opportunity websites at: http://oeo.tufts.edu/oeo-policies-procedures/
Appendix 7

Tufts University Non-Discrimination Policy
Tufts prohibits discrimination against and harassment of any employee or any applicant for employment because of race, color, national or ethnic origin, age, religion, disability, sex, sexual orientation, gender identity and expression, veteran status (special disabled veterans, disabled veterans and Vietnam-era veterans), or any other characteristic protected under applicable federal or state law. All personnel who are responsible for hiring and promoting employees and for the development and implementation of university programs or activities are charged to support this effort and to respond promptly and appropriately to any concerns that are brought to their attention. http://oeo.tufts.edu/policies-and-procedures/nondiscrimination-pol

Appendix 8

Sexual Harassment Policy
Sexual harassment violates the dignity of individuals. It is a form of discrimination that violates federal and state laws and is prohibited at Tufts University. Tufts is committed to providing an education and work environment that is free from sexual harassment. The University works to prevent and address sexual harassment through educational programs, training, and complaint resolution. Tufts encourages all members of the University community to report any concerns or complaints of sexual harassment. Managers, supervisors and other agents of the University are required to respond promptly and appropriately to allegations of sexual harassment that are brought to their attention. http://oeo.tufts.edu/policies-and-procedures/sexual-harassment-policy/

Appendix 9

Sexual Assault Policy
Sexual Assault is a crime of violence that is never acceptable and will not be tolerated at Tufts University. The University is dedicated to the elimination of sexual assault within the Tufts community. Accordingly, the University takes all allegations of sexual assault seriously, and is committed to providing information, resources, and clear direction to the members of the Tufts community so that together we can help prevent and respond to sexual assault. The University affirms the right of survivors to decide how they may best use university and other support systems and processes to address crimes of sexual assault. Retaliation against anyone who brings forward a complaint of sexual assault is strictly prohibited. Anyone responsible for retaliation, whether that person is the accused party or someone affiliated with the accused, will be subject to disciplinary action by the University. http://oeo.tufts.edu/policies-and-procedures/sexual-harassment-policy/

Appendix 10

Health Insurance and Immunization Requirements
Waiver of the THP Student Health Insurance
State Law and University Policy require that students be covered by health insurance. The TUFTS Health Plan is not intended to replace other adequate health insurance coverage that a student may have. Thus, students are not required to enroll in the THP and may waive this insurance plan by completing a Waiver Form. The Waiver certifies participation in a health insurance plan that meets or exceeds the coverage required by Massachusetts General Law. Waiver regulations are posted on the Student Advisory & Health Insurance web site (http://www.tufts.edu/saha/). Waiver Forms are available at the Student Advisory & Health Administration Office or on the web site and must be completed by August 31 of each year.
Immunization Requirements
All newly accepted students must submit immunization documentation to the Student Advisory & Health Administration Office by July 1. Please note that the TB tests must be completed every year. See the web site (http://www.tufts.edu/saha/) for more information regarding immunization requirements and forms. Students who do not comply with this requirement will not be allowed to register for subsequent semesters.

Student Advisory & Health Administration Office
Posner Building, 4th floor
200 Harrison Avenue
617-636-2700
Monday - Friday, 9:00 a.m. – 5:00 p.m.

Appendix 11

Family Educational Rights and Privacy Act (FERPA)

The Family Educational Rights and Privacy Act of 1974 (“FERPA”) provides students certain rights with respect to their educational records. In general, these rights include:

1) The right to inspect and review education records (with certain limited exceptions) within 45 days of the day Tufts receives a student’s request for access. A student should submit any such request to the Registrar’s Office in writing, identifying the specific records that the student wishes to inspect. The Registrar’s Office will make arrangements for access and notify the student of the time and place where the records may be inspected.

2) The right to request the amendment of education records if the student believes they are inaccurate. Students should submit any such request to the Registrar’s Office in writing, clearly identifying the records that the student wants to have amended and specifying the reasons the student believes those records to be inaccurate. The Registrar’s Office will notify the student of the University’s decision whether to amend the student’s records. If the University decides not to amend the student’s records, the Registrar’s Office will inform the student of the right to a hearing regarding the student’s request for amendment.

3) The right to require Tufts to obtain the student’s written consent before releasing personally identifiable information from the student’s education records unless an exception applies.

Definitions
For purposes of this policy a student is defined as someone who is (or someone who has) officially matriculated at the University, and who attends (or has attended) classes at Tufts. This definition does not include prospective students or applicants.

Education records are records relating to a student that are maintained by the University or by a party acting on its behalf, with some exceptions.

The following records are not considered education records:
- Records created by a school official as a personal memory aid (such as notes of a private telephone conversation).
- Records of the Tufts University Police Department which are maintained separately and solely for law enforcement purposes.
- Most records created and maintained by a physician, psychiatrist, psychologist or other treatment purposes. Even though these records are not considered education records
under FERPA, they may still be made available to students following completion of a HIPAA release form.

- Records pertaining to a former student other than those generated when that person was a student, such as alumni records.

**Personally identifiable information** includes a student’s name, address or other information that would allow a student to be identified. FERPA generally prohibits the University from disclosing personally identifiable information from a student’s education record without the student’s consent unless the information has been designated as directory information or another exception applies.

**Directory information** consists of the following:

- Student’s name
- Address (both local and permanent)
- Telephone number (local, cell and permanent)
- Date and place of birth
- Academic program (school, degree, major, minor)
- Enrollment status (dates of attendance, full-time/part-time status)
- Degrees, honors and awards received
- Participation in athletics and student activities
- Most recent educational institution attended
- E-mail address
- Photo

**Privacy Blocks** are available to students who wish to prevent the University from disclosing their directory information (in student directories and commencement programs, for example) by selecting the appropriate privacy settings through SIS.

For additional information about privacy blocks, please contact the Registrar’s Office.

**Release of Your Records to Third Parties**

Personally identifiable information in your records, except for directory information as discussed above, may not be given to third parties without your written consent, with the following exceptions:

- To Tufts officials such as employees and members of faculty and trustee committees who have a need to know or who are required to work with your records to carry out their duties.
- To officials of another education institution in which you seek to enroll. If your record is transferred, however, you will be entitled, upon request, to a copy of such records. This applies to other schools and colleges within the University and to institutions in which you may be cross-registered or enrolled at the University.
- To authorized representatives of the U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or state and local authorities responsible in connection with an audit or evaluation of federal or state supported education programs.
- To an individual or organization required to be informed in connection with your application or receipt of financial aid.
- To state and local officials to whom information is specifically required to be reported by state laws enacted prior to November 19, 1974.
- To appropriate parties in a health or safety emergency if necessary to protect your health or safety or that of another.
- In compliance with a subpoena, or in response to other legal action involving the student and the University.
When the information is a record of a campus disciplinary proceeding. For students under the age of 21, the University may also inform parents about violations of any federal, state, or local law, or any University rule or policy that governs the use or possession of alcohol or a controlled substance.

Any request or authorization to allow material from your files to be shown to third parties should include: (1) a specification of the records to be disclosed; (2) the purpose of the disclosure; and (3) the party or class of parties to whom disclosure may be made. For additional information about authorizing disclosures from your education records, please contact the Registrar’s Office.

Please note that the University does not preserve students’ education records in perpetuity. In fact, most records are not maintained for more than 7 years after a student’s expected date of graduation.

Complaint Procedure
A student has the right to file a complaint with the U.S. Department of Education concerning alleged failures by Tufts to comply with the requirements of FERPA. A complaint must be submitted to the Department within 180 days of the date of the alleged violation or of the date that the student knew or reasonably should have known of the alleged violation. The name and address of the office that administers FERPA and accepts such complaints is: Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, DC 20202-4605. For more information visit: http://www.ed.gov/policy/gen/guid/fpco/ferpa/index.html

Appendix 12
University Policy on “Rights and Responsibilities with Respect to Intellectual Property”
As part of your graduate studies or other work performed while you are a graduate student at Tufts University, you may be involved in the development of inventions, discoveries, and creative works that may have commercial as well as scientific and scholarly value. As a student at Tufts University, you should be aware that any intellectual property that you develop or help to develop may fall under the Tufts University policies. This may be true even if you are not compensated for the work if in the development of the intellectual property you use University resources such as space, facilities, equipment, staff, or funds. Thus, it is important that you understand the Tufts University policies regarding intellectual property (http://viceprovost.tufts.edu/?pid=6). What is covered under this policy? Briefly, all intellectual property produced by University personnel (including students) is covered by this policy. Intellectual property is defined in the University policy as inventions, creative works, patentable subject matter, copyrightable materials, know-how, electronic or paper documents, software (including source code and object code), multimedia or audiovisual materials, and photographs. For purposes of this policy, intellectual property is divided into two categories:

- "Patentable intellectual property" includes all inventions, discoveries, know-how and discoveries or other material that is patentable under US law as well as all software that is excluded from "copyrightable material" (whether or not patentable under US law).
- "Copyrightable intellectual property" includes all creative works, electronic or paper documents, software (including source code and object code), multimedia or audiovisual materials, and photographs, and any other materials that may be copyrightable under US law. Copyrightable material includes educational or research software, but does not include software other than educational or research software.

The Tufts University policy is designed to provide for incentives that foster creative activity, and to help assure that any intellectual property produced will be exploited for the benefit of the creators, the University research enterprise, and the public. The University makes available through the Office of the Vice Provost technical and legal assistance in procedures necessary to protect ownership of intellectual property and to aid in its commercial development. More details and the entire policy document is available at: http://viceprovost.tufts.edu/?pid=6.

Appendix 13
## Forms Used at the Friedman School -- Available at: [http://nutrition.tufts.edu/students/registrar/forms](http://nutrition.tufts.edu/students/registrar/forms)

<table>
<thead>
<tr>
<th>Friedman Forms</th>
<th>Signatures currently required</th>
<th>Final Friedman sign off</th>
<th>Destination</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Cross-Registration Petition</td>
<td>Friedman Registrar, Instructor at Host School, Host School Registrar, Student’s Advisor (Undergraduate)</td>
<td>Friedman Registrar, Host School Registrar</td>
<td>Friedman Registrar</td>
</tr>
<tr>
<td>2. Degree Requirement Worksheet</td>
<td>Academic Advisor, Program Director</td>
<td>Academic Advisor, Program Director</td>
<td>Friedman Registrar</td>
</tr>
<tr>
<td>3. Directed Study Proposal</td>
<td>DS Sponsor Friedman, Friedman faculty, Program Director</td>
<td>Program Director</td>
<td>Office of Student Affairs</td>
</tr>
<tr>
<td>4. Exemption Petition from a Required Course or Degree Requirement</td>
<td>Academic Advisor, Friedman faculty, Program Director</td>
<td>Program Director</td>
<td>Office of Student Affairs</td>
</tr>
<tr>
<td>5. Graduation Online Questionnaire for Alumni Relations</td>
<td>Student</td>
<td>N/A</td>
<td>Friedman Registrar</td>
</tr>
<tr>
<td>6. Incomplete Grade</td>
<td>Instructor</td>
<td>Instructor</td>
<td>Office of Student Affairs</td>
</tr>
<tr>
<td>7. Internship Contract</td>
<td>Student, Academic Advisor, Program Director, Internship Supervisor</td>
<td>Office of Student Affairs</td>
<td>Office of Student Affairs</td>
</tr>
<tr>
<td>8. Petition for Transfer of Credit</td>
<td>Student, Academic Advisor, Academic Dean, Friedman faculty, Program Director</td>
<td>Academic Dean</td>
<td>Office of Student Affairs</td>
</tr>
<tr>
<td>9. Specialization Approval Request</td>
<td>Academic Advisor, Program Director</td>
<td>Program Director</td>
<td>Office of Student Affairs</td>
</tr>
</tbody>
</table>

### PhD-Specific Forms

<table>
<thead>
<tr>
<th>PhD-Specific Forms</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Annual Progress Form</td>
<td>N/A</td>
<td>N/A</td>
<td>Faculty Advisor (optional), Thesis Committee (optional)</td>
</tr>
<tr>
<td>2. Approval of Dissertation for Defense</td>
<td>Committee members, Dissertation Advisor</td>
<td>Dissertation Advisor</td>
<td>Office of Student Affairs</td>
</tr>
<tr>
<td>3. Approval of Final Dissertation</td>
<td>Dissertation Advisor, Dissertation Committee in some cases</td>
<td>Dissertation Advisor</td>
<td>Office of Student Affairs</td>
</tr>
<tr>
<td>4. Approval for Thesis Binding</td>
<td>Thesis Chair (if minor changes), Thesis Chair and Committee Members (if major changes)</td>
<td>Thesis Chair (if minor changes), Thesis Chair and Committee Members (if major changes)</td>
<td>Friedman Registrar</td>
</tr>
<tr>
<td>5. Compact Between Doctoral Candidate and Dissertation Committee</td>
<td>Student, Dissertations Committee Chair and Members</td>
<td>Student, Dissertations Committee Chair and Members</td>
<td>Thesis Committee</td>
</tr>
<tr>
<td>6. Individualized Development Plan (IDP)</td>
<td>N/A</td>
<td>N/A</td>
<td>Faculty Advisor (optional), Thesis Committee (optional)</td>
</tr>
<tr>
<td>8. Letter of Intent Approval (with attached sections for Statement of Intellectual Contribution and Preparedness for Dissertation Research)</td>
<td>Student, Potential Committee members, Academic Dean</td>
<td>Academic Dean</td>
<td>Office of Student Affairs</td>
</tr>
<tr>
<td>9. Ph.D. Qualifying Examination Report</td>
<td>Examiners (All)</td>
<td>Examiners (All)</td>
<td>Friedman Registrar</td>
</tr>
<tr>
<td>10. Ph.D. Qualifying Examination Request</td>
<td>Student, Proposed Thesis Advisor, Academic Advisor, Academic Dean</td>
<td>Academic Dean</td>
<td>Office of Student Affairs</td>
</tr>
<tr>
<td>11. Thesis Committee Report</td>
<td>Student, Thesis Chair, Committee Members</td>
<td>Thesis Advisor</td>
<td>Office of Student Affairs</td>
</tr>
</tbody>
</table>
Appendix 14

Starting a New Student Organization

The Office of Student Affairs provides students with the resources to start official organizations and groups recognized by the Friedman School. Before you begin the process, please speak to someone in the Office of Student Affairs to make sure the mission of your proposed organization does not overlap with that of an existing organization. To apply for a new recognized student organization, students must complete a Graduate Student Organization Recognition Form. A copy of this form and all other appropriate paperwork is available in the Office of Student Affairs. Recognition by the Friedman School does not imply official endorsement of the organization’s ideas or activities. New recognition by no means guarantees funding. Student organizations must comply with guidelines and rules within the current Tufts University Student Handbook.

Appendix 15

Alcohol Event Policy for Student Organizations

The welfare and safety of students and their guests are central to the university’s policies on alcohol. All groups sponsoring events where alcohol will be served are responsible for observing Massachusetts State laws, city ordinances and University regulations. The following policies apply to all Friedman student organization events on university property where alcohol is being served:

- The Office of Student Affairs must approve at least one month in advance, every event where alcohol is being served.
- Events that include guests not affiliated with Tufts require a special permit through the City of Boston.
- No one under 21 years of age will be served alcohol.
- A Tufts University detail officer must be hired to be at the event.
- No alcoholic beverages may be taken off the event premises. Beverages of any kind must be consumed or discarded before leaving the facility. Alcoholic beverages are prohibited outside the reasonable boundaries of the event as defined by the TUPD detail officer.
- The use or possession of kegs or other bulk containers of alcohol is prohibited.
- Cash bars are prohibited unless in a licensed facility or a one-day alcohol service license has been obtained and presented to the detail officer.
- Alternative non-alcoholic beverages and food must be available at all alcohol events in sufficient quantities to last the entire event.

Appendix 16

Tufts Email Accounts and E-List Policies

Every student is responsible for checking their Tufts email accounts for school and university-related emails. This is the only email address we use to contact students. Students must adhere to the University’s Tufts Email Accounts and Addresses Policies which can be found online here https://it.tufts.edu/email-pol.

All matriculated students are subscribed to the following e-lists. These E-lists include many of the administrators, faculty and staff at the University as members. Users are advised to exercise discretion when considering posting material that could be considered objectionable or discriminatory against any person on the basis of race, color, gender, sexual orientation, disability, religion, or age.
YOU CAN POST TO THIS LIST at any time:

YOU CANNOT POST TO THESE 2 LISTS without prior approval:
FriedmanAllStudents@elist.tufts.edu- includes all students and will be used for official or school-wide announcements only. These messages are limited to school-wide announcements; messages will be distributed only approval. Examples of school-wide announcements include reminders about school-sponsored events and seminars, course and scheduling information, and notices of Tufts events or announcements that all students need to be aware of.

FriedmanAllSchool@elist.tufts.edu- includes all faculty, students and staff and will be used for official or school-wide announcements only. These messages are limited to school-wide announcements; messages will be distributed only following approval. Examples of school-wide announcements include reminders about school-sponsored events and seminars, course and scheduling information, and notices of Tufts events or announcements that all members of the school need to be aware of.

*IN ADDITION, YOU CAN POST TO THESE LISTS IF YOU ARE A MEMBER:
PROGRAM SPECIFIC LISTS (listed below) - includes all students, interested faculty and staff and are used for program specific events and announcements. These lists are unmoderated so that any subscriber can post:

friedmanafe@elist.tufts.edu
friedmanbmnn@elist.tufts.edu
friedmanfpn@elist.tufts.edu
friedmanmaha@elist.tufts.edu
friedmannc@elist.tufts.edu
friedmanndi@elist.tufts.edu
friedmannepi@elist.tufts.edu
friedmanphd@elist.tufts.edu
Appendix 17

Tufts University Code of Conduct Involving Interactions with Minors

Tufts University is committed to the safety and protection of children. The Code of Conduct, along with the “Tufts University Policy to Protect Children and Prevent Abuse” applies to all faculty, staff, employees, volunteers and students who represent the University and who interact with children or young people in both a direct and/or unsupervised capacity.

Each student will be required to sign, and have on file in the Office of Student Affairs, a Statement of Acknowledgement of the Code of Conduct Involving Interactions with Minors.

Appendix 18

Threat Assessment Policy and Resources

Tufts University is committed to maintaining an environment where individuals are safe to learn, work and live. In support of this commitment, Tufts will not tolerate violence or threats of violence anywhere on its campuses or in connection with university-sponsored programs. The university has established threat assessment and management teams to evaluate and address violence and threats of violence made towards members of the Tufts University community.

To find out more, please go to the Tufts Threat Assessment and Management website (http://ttam.tufts.edu).

Appendix 19

Friedman School Doctoral Qualifying Examination

Performance Assessment Rubric

As specified by the Policies and Procedures manual of the Friedman School, the purpose of the doctoral qualifying exam is to allow a designated faculty committee to assess “the student's mastery of certain topic areas and his/her competence to conduct dissertation research.” Faculty members serving as examiners are expected to use their professional judgment to determine whether the student has adequately demonstrated such mastery and can be deemed competent to conduct independent research of sufficient caliber.

There are two main parts to the examination: the written component and the oral component. The written takes to form of a proposal which serves to demonstrate the student’s preparedness to a) develop a testable research hypothesis, and b) design a feasible study to test that hypothesis. The proposal, and the student’s oral defense of the text, should show an understanding of what constitutes doctoral level research, including feasibility, coherence, appropriateness of design and ethical conduct. The oral component of the examination is designed to test a student’s factual knowledge and ability to synthesize, interpret, and make use of that knowledge.

In deriving their conclusion on the examination outcome, faculty members of the examining committee should take the following questions into account:

In the Written Proposal (text and/or oral discussion), was the student able to:

a) Identify the significance of a research question in the context of current knowledge?
b) Develop a testable research hypothesis from a broadly stated research question?

c) Specify appropriate variables to be used to test the stated hypothesis?

d) Develop a feasible research design and employ valid tools to collect the data needed to test the hypothesis?

e) Design appropriate statistical analyses to address the hypothesis in the context of the proposed design?

f) Identify the logistics, timing, and resources required to conduct the proposed study?

g) Describe expected findings of the proposed study, identify the new knowledge that they would provide, and indicate their potential implications?

h) Discuss any limitations of the proposal as proposed?

i) Present and defend a research proposal that conformed to the format prescribed?

In the **Oral Component** of the examination, was the student able to:

i) Demonstrate a good understanding of questions posed by examiners and respond to them effectively?

ii) Show that he/she had a good grasp of issues raised and discussed by topic area?

iii) Use appropriate examples to support an argument?

iv) Exhibit the ability to synthesize knowledge across topic areas and discuss complex issues as required by the examiners?

v) Offer evidence of the intellectual capability and skills required of a student to successfully complete research at a doctoral level.

At the end of the examination, anyone other than the examining committee is asked to leave the room. At this point, faculty examiners are required to take stock of the student’s performance in all parts of the qualifying examination. They should each individually assess the student’s abilities and potential for doctoral level research based on the elements of this rubric. The committee should then discuss each examiner’s conclusions, leading to a collective, unanimous decision regarding ‘pass or fail’.