

BIOCHEMICAL AND MOLECULAR NUTRITION DEGREE REQUIREMENT WORKSHEET FOR AY 2017-2018

Program Director: Stefania Lamon-Fava
This is NOT an Official Transcript or Record

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).

Exemptions: 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. Friedman student forms are available at: <http://nutrition.tufts.edu/students/registrar/forms>.

Important to Note: If you are missing any grades by Friedman's Grades Deadline (noted in the academic calendar) in the semester you intend to graduate, including grades for cross-registered courses at Tufts (e.g., BCHM 0230, etc.), Boston Consortium Schools, and Harvard School of Public Health, your degree will be conferred in the following semester. BMN MS & PhD students in their last semester prior to graduation must meet with their Academic Advisor/Thesis Chair in-person to review the BMN Degree Requirement Worksheet, obtain the required approvals below, and submit the completed Worksheet to [Friedman's Registrar](#).

Student Name _____

Academic Advisor _____

Course #	Course Title	Credit	Offered	Semester/Year Enrolled Mark an "E" for Exemption	Grade
Core Required Courses:					
BCHM 0223	Graduate Biochemistry (Friedman's Registrar arranges cross-registration via Sackler)	2	Fall		
NUTR 0208	Human Physiology	1	Spring		
NUTR 0370	Nutritional Biochemistry and Physiology: Macronutrients (prerequisites: NUTR 0202, NUTR 0208, BCHM 0223 (or their equivalents))	1.5	Fall		
NUTR 0371	Nutritional Biochemistry and Physiology: Micronutrients (prerequisites: NUTR 0202, NUTR 0208, BCHM 0223 (or their equivalents))	1.5	Spring		
Skills Required Courses:					
NUTR 0204	Principles of Epidemiology (common substitution: PH 0201 - spring or summer)	1	Fall/Spring		
NUTR 0206	Biostatistics I plus required Laboratory	1	Fall		
NUTR 0225	Introduction to Modern Biology Techniques (five-weeks)	0	Fall		
NUTR 0236	Practicum in Bioresearch Techniques (requires oral presentation)	1	Fall/Spring/Summer		
NUTR 0240	Nutrition Science Journal Club (required for first two semesters of MS degree)	0	Fall & Spring		
NUTR 0309	Statistical Methods in Nutrition Research II (prerequisite: NUTR 0206)	1	Spring		
Policy Course - Select One of the Following (or other option with approval of Program Director):					
NUTR 0203	Fundamentals of Nutrition Policy and Programming: How Science and Practice Interact (common substitution: NUTB 0206 and required in-person summer class sessions)	1	Fall		
NUTR 0226	Health Claims and the Food Industry	1	Spring		
NUTR 0228	Community and Public Health Nutrition (prerequisite: NUTR 0202; 23 student enrollment limit)	1	Fall & Spring		
NUTR 0238	Economics for Food Policy Analysis	1	Spring		
NUTR 0303	Determinants of U.S. Food Policy (prerequisites: NUTR 0203, NUTR 0206/NUTR 0309, and NUTR 0238)	1	Fall		
NUTR 0325	Science-Based Interventions for Child Malnutrition	1	Fall		
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.

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/Thesis Chair: _____

Program Director: _____

Date: _____

Date: _____

BMN SPECIALIZATION REQUIREMENT WORKSHEET FOR AY 2017-2018 – Continued – Page 2

Self-Designed Specialization in Area of Your Choice Option (3 credits):					
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). Cross-registered courses and courses taken outside the Friedman School that are eligible for transfer of credit may be used for the Specialization. Complete the required Self-Designed Specialization Approval form so fulfillment of the Specialization degree requirement may be added to your SIS academic record/transcript. If your Specialization has not yet been added to your academic record/transcript in SIS and you are graduating this semester, you may enter your Specialization information below for approval.					
Specialization Title: _____					
Course (e.g., NUTR 0217)	Course Title	Credit	Semester/Year		
Laboratory Research Specialization Option (a minimum of 3 credits):					
This Specialization option requires: A one-credit basic science course (cross-registration via Sackler or Boston Consortium Schools) 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 information.					
Course #	Course Title	Credit	Offered	Semester/Year Enrolled Mark an "E" for Exemption	Grade
Epidemiology Specialization Option (a minimum of 3 credits):					
Suggested courses below; may be modified by consultation with Epidemiology Academic Advisor					
NUTR 0305	Nutritional Epidemiology (prerequisites: NUTR 0204, NUTR 0206/NUTR 0309 or their equivalents; may not be taken concurrently)	1	Fall		
NUTR 0319	Intermediate Epidemiology (prerequisites: NUTR 0204, NUTR 0206/NUTR 0309 or equivalents, or concurrently taking NUTR 0309 or equivalents)	1	Spring		
NUTR 0323	Intermediate Biostatistics: Regression Methods (prerequisites: NUTR 0206/NUTR 0209 or PH 0205)	1	Fall		
Nutrition Communication Specialization Option (a minimum of 3.5 credits):					
REQUIRED:					
NUTR 0205	Communicating Health Information to Diverse Audiences, Part A (enrollment limited to 15 students; prerequisite: NUTR 0220; may not be taken concurrently)	1	Spring		
NUTR 0211	Theories of Behavior Change and Their Application in Nutrition and Public Health Interventions	1	Fall		
NUTR 0220	Fundamentals of Writing About Nutrition and Health (enrollment limited to 20 students)	0.5	Fall		
NUTR 0306	Communicating Health Information to Diverse Audiences, Part B (enrollment limited to 15 students; prerequisite: NUTR 0220; may not be taken concurrently)	0.5	Fall		
PLUS ONE MORE CREDIT OF COURSEWORK:					
HCOM 0508	Technology and Design for Public Health (cross-register via Public Health)	0.5	Fall		
HCOM 0544	Professional Communication (cross-register via Public Health)	0.5	Summer		
NUTR 0218	Communications Strategies in Nutrition and Health Promotion Nutrition (enrollment limited to 20 students)	1	Spring		
Nutrition Interventions Specialization Option (a minimum of 3 credits):					
NUTR 0303	Determinants of US Food Policy (prerequisites: NUTR 0203 or equivalent, and NUTR 0206/NUTR 0309 or equivalent, and NUTR 0238)	1	Fall		
SELECT ONE OF THE FOLLOWING COURSES:					
NUTR 0228	Community and Public Health Nutrition (enrollment limited to 23 students; prerequisite: NUTR 0202)	1	Fall & Spring		
NUTR 0325	Science-Based Interventions for Child Malnutrition	1	Fall		
SELECT ONE OF THE FOLLOWING COURSES:					
NUTR 0210	Survey Research Nutrition (prerequisite: NUTR 0207)	1	Spring		
NUTR 0211	Theories of Behavior Change and Their Application in Nutrition and Public Health Interventions	1	Fall		
NUTR 0216	Management, Planning, and Control of Nutrition and Health Programs and Organizations (common substitution: PH 0216 – cross-register (summer, fall, spring) via Public Health)	1	Spring		
NUTR 0228 OR NUTR 0325	Community and Public Health Nutrition (enrollment limited to 23 students; prerequisite: NUTR 0202)	1	Fall & Spring		
	Science-Based Interventions for Childhood Malnutrition	1	Fall		