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

BIOCHEMICAL AND MOLECULAR NUTRITION DEGREE REQUIREMENT WORKSHEET FOR AY 2016-2017

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, is taken for credit, a minimum of 17 credits is required for the 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 Office of Student Affairs (Jaharis, 123 or michelle.frankfort@tufts.edu).

Course #	Course Title	Credit	Offered	Semester/Year Enrolled *If pursuing an Exemption from the course/degree requirement, mark an "E"*	Grade
Core Required Courses:					
BCHM 0223	Graduate Biochemistry – Friedman's Registrar will arrange for enrollment	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), and NUTR 0225)	1.5	Fall		
NUTR 0371	Nutritional Biochemistry and Physiology: Micronutrients (prerequisites: NUTR 0202, NUTR 0208, BCHM 0223 (or their equivalents), and NUTR 0225)	1.5	Spring		
Skills Required Courses:					
NUTR 0204	Principles of Epidemiology – accepted substitution: cross-register via Public Health in PH 201 (spring or summer)	1	Fall/Spring		
NUTR 0206	Biostatistics I	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	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 (required for FPAN Specialization)	1	Fall		
NUTR 0226	Health Claims and the Food Industry	1	Spring		
NUTR 0228	Community and Public Health Nutrition	1	Fall/Spring		
NUTR 0238	Economics for Food Policy Analysis	1	Spring		
NUTR 0303	Determinants of U.S. Food Policy (prerequisite: NUTR 0238 or instructor consent)	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 the Office of Student Affairs Your Completion of CITI Certification? ◯ **YES** ◯ **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 for **(Name of Student)** _____, it appears that this student will have met his/her requirements for graduation by: **August** ◯ **February** ◯ **May** ◯ **(Year)** _____.

Academic Advisor Signature: _____ **Program Director Signature:** _____

Date: _____ Date: _____

BMN SPECIALIZATION REQUIREMENT WORKSHEET FOR AY 2016-2017

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Course #	Course Title	Credit	Offered	Semester/Year Enrolled *If pursuing an Exemption from the course/degree requirement, mark an "E"*	Grade
Specialization in Area of Your Choice Option (3 credits):					
This 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.					
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 information.					
Epidemiology Specialization Option (a minimum of 3 credits):					
NUTR 0305	Nutritional Epidemiology (prerequisite: NUTR 0204, NUTR 0206 and NUTR 0309 or equivalent)	1	Fall		
NUTR 0319	Intermediate Epidemiology (prerequisite: NUTR 0204 or equivalent)	1	Spring		
NUTR 0323	Intermediate Biostatistics: Regression Methods (prerequisite: NUTR 0204, NUTR 0206 and NUTR 0309 or equivalent)	1	Fall		
Nutrition Communication Specialization Option (a minimum of 3.5 credits):					
REQUIRED:					
NUTR 0205	Communicating Health Information to Diverse Audiences, Part A (prerequisite: NUTR 0220)	0.5	Spring		
NUTR 0211	Theories of Behavior Change and Their Application in Nutrition and Public Health Interventions	1	Fall		
NUTR 0220	Introduction to Writing About Nutrition and Health	0.5	Fall		
NUTR 0306	Communicating Health Information to Diverse Audiences, Part B (prerequisite: NUTR 0205)	0.5	Fall		
PLUS ONE MORE CREDIT OF COURSEWORK:					
HCOM 0508	Technology and Health Communication (cross-register via Public Health)	0.5	Fall		
HCOM 0544	Professional Communication (cross-register via Public Health)	0.5	Fall		
NUTR 0218	Communication Strategies in Health Promotions	1	Spring		
Nutrition Interventions Specialization Option (a minimum of 3 credits):					
NUTR 0303	Determinants of U.S. Food Policy (prerequisite: NUTR 0238 or equivalent)	1	Fall		
SELECT ONE OF THE FOLLOWING COURSES:					
NUTR 0228	Community and Public Health Nutrition	1	Fall/Spring		
NUTR 0325	Science-Based Interventions for Child Malnutrition	1	Fall		
SELECT ONE OF THE FOLLOWING COURSES:					
NUTR 0210	Survey Research Nutrition	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	1	Spring		
NUTR 0228 OR NUTR 0325	Community and Public Health Nutrition ☐ Science-Based Interventions for Childhood Malnutrition ☐	1 1	Fall/Spring Fall		