

# B.S. in Nutrition and Dietetics & M.S. in Nutrition and Health Promotion

4+1 Program

Academic Planning Worksheet 2020-2021

#### **Notes**

- Students are required to complete 80 credit hours for the B.S. in Nutrition & Dietetics.
- Students must earn a C or better in all prerequisite courses (chemistry, biology, and statistics), as well as a B- or better in all nutrition courses, and maintain a 3.0 GPA or higher.
- Students apply to the B.S. in Nutrition & Dietetics during their sophomore year.
- Simmons B.S. in Nutrition & Dietetics students may apply for the M.S. in Nutrition and Health Promotion at the end of their first semester junior year (deadline: February 15). Application to this program is directed to the College of Natural, Behavioral, and Health Sciences. Both the application fee and the GRE requirement will be waived.
- Students complete this accelerated BS/MS program in five years and receive a Bachelor of Science
  degree with a major in Nutrition & Dietetics and a Master of Science degree in Nutrition and Health
  Promotion. Graduates find success as researchers, community health workers, health program
  managers, personal trainers, public health planners and more.
- Working with an advisor, two graduate courses, CNHBS 410 Research Methods and CNHBS 450 Health Care Systems: Interdisciplinary Perspectives, are taken in the senior undergraduate year.

#### **Core Requirements**

Majors will complete a core of the following courses.

NUTR 112 Introduction to Nutrition Science  CHEM 111/ 113/ Introductory Chemistry: Inorganic or 115 Principles of Chemistry or Advanced General Chemistry  CHEM 112 or Introductory Chemistry: Organic or CHEM 114 Organic Chemistry I  Sophomore Year  BIOL 113 General Biology 4  BIOL 221 Microbiology 4  NUTR 248 Food Production and Service Systems 4  STAT 118 (or STAT Introductory Statistics (prereq for BIOL 246) 4  227 or 229)  NUTR 237 The Practice of Community Nutrition 4  Junior Year  BIOL 231 Anatomy and Physiology I 4  NUTR 201 Advanced Food Science 4  NUTR 249 Leadership in Food Service Management 4  CHEM 223 Introduction to Biochemistry 4  Apply for the MS program by February 15	Course #	Course Title	Credits	Completed	
NUTR 112					
CHEM 111/ 113/ Introductory Chemistry: Inorganic or Principles of Chemistry or Advanced General Chemistry  CHEM 112 or Introductory Chemistry: Organic or Organic Chemistry I  Sophomore Year  BIOL 113 General Biology 4  BIOL 221 Microbiology 4  NUTR 248 Food Production and Service Systems 4  STAT 118 (or STAT Introductory Statistics (prereq for BIOL 246) 4  227 or 229)  NUTR 237 The Practice of Community Nutrition 4  Junior Year  BIOL 231 Anatomy and Physiology I 4  BIOL 232 Anatomy and Physiology II 4  NUTR 201 Advanced Food Science 4  NUTR 249 Leadership in Food Service Management 4  CHEM 223 Introduction to Biochemistry 4  Apply for the MS program by February 15  Senior Year  NUTR 311 Nutrient Metabolism 4  NUTR 301 Dietetics Professions 1	NUTR 111 or	Fundamentals of Nutrition or	4		
Principles of Chemistry or Advanced General Chemistry  CHEM 112 or Introductory Chemistry: Organic or CHEM 114 Organic Chemistry I  Sophomore Year  BIOL 113 General Biology 4  BIOL 221 Microbiology 4  NUTR 248 Food Production and Service Systems 4  STAT 118 (or STAT Introductory Statistics (prereq for BIOL 246) 4  227 or 229)  NUTR 237 The Practice of Community Nutrition 4  Junior Year  BIOL 231 Anatomy and Physiology I 4  BIOL 232 Anatomy and Physiology II 4  NUTR 201 Advanced Food Science 4  NUTR 249 Leadership in Food Service Management 4  CHEM 223 Introduction to Biochemistry 4  Apply for the MS program by February 15  Senior Year  NUTR 311 Nutrient Metabolism 4  NUTR 301 Dietetics Professions 1	NUTR 112	Introduction to Nutrition Science			
Advanced General Chemistry  CHEM 112 or Introductory Chemistry: Organic or Organic Chemistry I  Sophomore Year  BIOL 113 General Biology 4  BIOL 221 Microbiology 4  NUTR 248 Food Production and Service Systems 4  STAT 118 (or STAT Introductory Statistics (prereq for BIOL 246) 4  227 or 229)  NUTR 237 The Practice of Community Nutrition 4  Junior Year  BIOL 231 Anatomy and Physiology I 4  BIOL 232 Anatomy and Physiology II 4  NUTR 201 Advanced Food Science 4  NUTR 249 Leadership in Food Service Management 4  CHEM 223 Introduction to Biochemistry 4  Apply for the MS program by February 15  Senior Year  NUTR 311 Nutrient Metabolism 4  NUTR 301 Dietetics Professions 1	CHEM 111/ 113/	Introductory Chemistry: Inorganic or	4		
CHEM 112 or CHEM 114 Organic Chemistry: Organic or CHEM 114 Organic Chemistry I  Sophomore Year  BIOL 113 General Biology 4  BIOL 221 Microbiology 4  NUTR 248 Food Production and Service Systems 4  STAT 118 (or STAT Introductory Statistics (prereq for BIOL 246) 4  227 or 229)  NUTR 237 The Practice of Community Nutrition 4  Junior Year  BIOL 231 Anatomy and Physiology I 4  BIOL 232 Anatomy and Physiology II 4  NUTR 201 Advanced Food Science 4  NUTR 249 Leadership in Food Service Management 4  CHEM 223 Introduction to Biochemistry 4  Apply for the MS program by February 15  Senior Year  NUTR 311 Nutrient Metabolism 4  NUTR 301 Dietetics Professions 1	115	Principles of Chemistry or			
CHEM 114 Organic Chemistry I  Sophomore Year  BIOL 113 General Biology 4  BIOL 221 Microbiology 4  NUTR 248 Food Production and Service Systems 4  STAT 118 (or STAT Introductory Statistics (prereq for BIOL 246) 4  227 or 229)  NUTR 237 The Practice of Community Nutrition 4  Junior Year  BIOL 231 Anatomy and Physiology I 4  BIOL 232 Anatomy and Physiology II 4  NUTR 201 Advanced Food Science 4  NUTR 249 Leadership in Food Service Management 4  CHEM 223 Introduction to Biochemistry 4  Apply for the MS program by February 15  Senior Year  NUTR 311 Nutrient Metabolism 4  NUTR 301 Dietetics Professions 1		Advanced General Chemistry			
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NUTR 248 Food Production and Service Systems 4 STAT 118 (or STAT Introductory Statistics (prereq for BIOL 246) 4 227 or 229) NUTR 237 The Practice of Community Nutrition 4 Junior Year BIOL 231 Anatomy and Physiology I 4 BIOL 232 Anatomy and Physiology II 4 NUTR 201 Advanced Food Science 4 NUTR 249 Leadership in Food Service Management 4 CHEM 223 Introduction to Biochemistry 4 Apply for the MS program by February 15 Senior Year NUTR 311 Nutrient Metabolism 4 NUTR 301 Dietetics Professions 1	BIOL 113	General Biology	4		
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Senior Year  NUTR 311 Nutrient Metabolism 4  NUTR 301 Dietetics Professions 1	CHEM 223	Introduction to Biochemistry	4		
NUTR 311Nutrient Metabolism4NUTR 301Dietetics Professions1	Apply for the MS program by February 15				
NUTR 301 Dietetics Professions 1	Senior Year				
	NUTR 311	Nutrient Metabolism	4		
NUTR 334 Medical Nutrition Therapy 6	NUTR 301	Dietetics Professions	1		
	NUTR 334	Medical Nutrition Therapy	6		



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NUTR 331	The Practice of Clinical Dietetics	4	
SNHS 410*	Research Methods	3	
SNHS 450*	Health Care Systems: Interdisciplinary	3	
	Perspectives		

#### **Capstone (Senior Year)**

Complete the following to fulfill the capstone requirement.

Course #	Course Title	Credits	Completed
NUTR 381	Advanced Application in Community Nutrition	4	
NUTR 390	Seminar: Selected Topics in Nutrition	4	

<sup>\*</sup>Either or both SNHS 450 or SNHS 410 would be taken during the senior year. Students need 127 unique credits to graduate with an undergraduate degree. This allows them to substitute one 3-credit course for the usual 4 credit offerings at Simmons. Since both of the graduate courses are 3 credits, then the student would have to take one of these as a fifth course, if they didn't already have an extra course prior to the senior year.

#### **PLAN Requirements**

The Simmons PLAN is the undergraduate core curriculum. Some PLAN courses will be fulfilled with courses required for this major, as indicated below. Additional PLAN requirements may be fulfilled through electives, courses in minors or other course offerings. Work closely with your advisor(s) to choose courses.

Year	Semester	Course Title		Credits	Completed
One	Fall	BOS 101: The Boston Course		4	
		SIM 101: The Simmons Course: Explore		2	
	Spring	LDR 101: The Leadership Course		4	
Fall or Spring		The Learning Community: Two discipline courses & one integral	ative seminar	8	
		SIM 201: The Simmons Course: Experience		1	
Three	Fall or Spring	SIM 301: The Simmons Course: Excel		1	
Three & Four	Fall or Spring	3D*– Design Across Diverse Disciplines		12	
Any	Requireme	ents	Course Selected		
		Two semesters in the same aken sequentially and strongly		4	
		d to complete within their first two		4	
	Quantitativ	e Literacy (QL)	STAT 118 or higher	4	
	Key Content	Aesthetic, Literary and Artistic (ALA)		4	
	Areas** (KCAs)	Global Cultural (GC)		4	
		Scientific Inquiry (SCI)	BIOL 113	4	
		Social and Historical (SH)		4	



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2020-2021

#### **Department Contact**

**Elizabeth Metallinos-Katsaras** 

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<sup>\*3</sup>D— Design Across Diverse Disciplines—requirement may be met with one course in your major, and two additional courses that may also count as KCAs.

<sup>\*\*</sup>KCAs – May be covered by Major, Learning Community and/or 3D courses.