

Department of Nutrition and Health
Bachelor of Science in Nutritional Sciences Model Study Plan (2020-2021 Cohort onwards)

For Students Admitted to the University in the Fall Semester
Total Degree Credit hours: 120

Semester	Course Code	Course Title	CH	Course type
1 (Fall)	ESPU106	Introduction to Academic English For Food & Agriculture	3	Gen Ed Course (Cluster 1: Area 2: English Communication)
	BIOC100	Basic Biology I	3	Gen Ed Course (Cluster 3: Area 1: Natural Sciences)
	MATH105	Calculus I	3	Gen Ed Course (Cluster 1: Area 5: Quantitative Reasoning)
	CHEM111	General Chemistry I	3	Specialization
	GESU121	Sustainability	3	Gen Ed Course (Cluster 3: Area 7: Sustainability)
2 (Spring)	PHI180	Critical Thinking	3	Gen Ed Course (Cluster 1: Area 4: Critical Thinking)
	CHEM112	General Chemistry II	2	Specialization
	CHEM115	General Chemistry Lab	1	Specialization
	FDSC250	Contemporary Food Science & Nutrition	3	Specialization
	PHYS105	General Physics I	3	Specialization
3 (Fall)	PHYS135	General Physics Lab I	1	Specialization
	CHEM282	Organic Chemistry for Non-Majors	3	Specialization
	BIOE230	Microbiology	3	Specialization
	STAT235	Statistics for Biology	3	Specialization
	GEI112	Fourth Industrial Revolution	3	Gen Ed Course (Cluster 1: Area 3: Fourth Industrial Revolution)
4 (Spring)	FDSC330	Fundamentals of Food Science	3	Specialization
	CHEM283	Biochemistry for Non-Majors	3	Specialization
	NUTR320	Macronutrient Nutrition and Metabolism	2	Specialization
	NUTR321	Nutrition Assessment I	1	Specialization
	BIOM229	Cell Biology I	2	Specialization
5 (Fall)	HSS105	Emirates Studies	3	Gen Ed Course (Cluster 2: Area 3: Emirates Society)
	GEI222	Fundamentals of Innovation and Entrepreneurship	3	Gen Ed Course (Cluster 1: Area 1: Innovation and Entrepreneurship)
	NUTR330	Micronutrient Nutrition and Metabolism	2	Specialization
	NUTR331	Nutrition Assessment II	1	Specialization
	NUTR352	Human Nutrition in Various Ages Stages	3	Specialization
6 (Spring)	NUTR360	Immunology and Nutrition	2	Specialization
	BIO270	General Genetics	2	Specialization
	BIOC275	Genetics Laboratory	1	Specialization
	Elective	Student choice	3	Free Elective
	NUTR355	Nutrition Seminar	1	Specialization
7 (Fall)	PHY101	Introductory Physiology	3	Specialization
	NUTR380	Food Service Systems Management (NS Program)	3	Specialization
	Elective	Student choice	3	Major Elective
	Elective	Student choice	3	Major Elective
	Elective	Student choice	3	Major Elective
8 (Spring)	NUTR482	Community Nutrition (NS Program)	3	Specialization
	NUTR480	Senior Research Project (NS Program)	3	Specialization
	Elective	Student choice	3	Major Elective
	Elective	Student choice	3	Major Elective
	Elective	Student choice	3	Major Elective
9 (Fall)	NUTR491	Internship (NS)	3	Internship

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For Students Admitted to the University in the Spring Semester
Total Degree Credit hours: 120

Semester	Course Code	Course Title	CH	Course type
1 (Spring)	ESPU106	Introduction to Academic English For Food & Agriculture	3	Gen Ed Course (Cluster 1 Area 2: English Communication)
	BIOC100	Basic Biology I	3	Gen Ed Course (Cluster 3: Area 1: Natural Sciences)
	MATH105	Calculus I	3	Gen Ed Course (Cluster 1: Area 5: Quantitative Reasoning)
	CHEM111	General Chemistry I	3	Specialization
	HSS105	Emirates Studies	3	Gen Ed Course (Cluster 2: Area 3: Emirates Society)
2 (Fall)	PHI180	Critical Thinking	3	Gen Ed Course (Cluster 1: Area 4: Critical Thinking)
	CHEM112	General Chemistry II	2	Specialization
	CHEM115	General Chemistry Lab	1	Specialization
	STAT235	Statistics for Biology	3	Specialization
	PHYS105	General Physics I	3	Specialization
3 (Spring)	PHYS135	General Physics Lab I	1	Specialization
	CHEM282	Organic Chemistry for Non-Majors	3	Specialization
	BIOE230	Microbiology	3	Specialization
	FDSC250	Contemporary Food Science & Nutrition	3	Specialization
	GEI112	Fourth Industrial Revolution	3	Gen Ed Course (Cluster 1: Area 3: Fourth Industrial Revolution)
4 (Fall)	Elective	Student choice	3	Gen Ed Course (Cluster 2: Area 1: Humanities and Fine Arts)
	CHEM283	Biochemistry for Non-Majors	3	Specialization
	NUTR320	Macronutrient Nutrition and Metabolism	2	Specialization
	NUTR321	Nutrition Assessment I	1	Specialization
	BIOM229	Cell Biology I	2	Specialization
5 (Spring)	GEI222	Fundamentals of Innovation and Entrepreneurship	3	Gen Ed Course (Cluster 1: Area 1: Innovation and Entrepreneurship)
	FDSC330	Fundamentals of Food Science	3	Specialization
	NUTR330	Micronutrient Nutrition and Metabolism	2	Specialization
	NUTR331	Nutrition Assessment II	1	Specialization
	NUTR352	Human Nutrition in Various Ages Stages	3	Specialization
6 (Fall)	PHY101	Introductory Physiology	3	Specialization
	ISLM100	Islamic Culture	3	Gen Ed Course (Cluster 2: Area 4: Islamic Culture)
	Elective	Student choice	3	Gen Ed Course (Cluster 2: Area 2: Social and Behavioral Sciences)
	NUTR401	Nutrition Education and Communication (NS Program)	3	Specialization
	BIO270	General Genetics	2	Specialization
7 (Spring)	BIOC275	Genetics Laboratory	1	Specialization
	NUTR375	Medical Nutrition Therapy I (NS Program)	3	Specialization
	NUTR355	Nutrition Seminar	1	Specialization
	Elective	Student choice	3	Free Elective
	Elective	Student choice	3	Major Elective
8 (Fall)	NUTR360	Immunology and Nutrition	2	Specialization
	NUTR482	Community Nutrition (NS Program)	3	Specialization
	GESU121	Sustainability	3	Gen Ed Course (Cluster 3: Area 2: Sustainability)
	Elective	Student choice	3	Major Elective
	Elective	Student choice	3	Major Elective
9 (Spring)	NUTR480	Senior Research Project (NS Program)	3	Specialization
	NUTR380	Food Service Systems Management (NS Program)	3	Specialization
	Elective	Student choice	3	Major Elective
	Elective	Student choice	3	Major Elective
	Elective	Student choice	3	Free Elective
9 (Spring)	NUTR491	Internship (NS)	3	Internship