

# APPLIED SCIENCE IN NUTRITION SCIENCE - BS

## Applied Science in Nutrition Science/Master of Public Health

St. Kate's offers the opportunity to apply a student's liberal arts education to the field of public health through a unique 3+2 dual-degree program. The 3+2 program is completed in 5 years and offers students the opportunity to complete their bachelor's degree in applied science in nutrition science while pursuing the master of public health degree (MPH) with a global health focus.

The applied science in nutrition science program develops scientifically literate professionals who can confidently articulate the integration of food, nutrition, health, and societal issues. The foundation of the applied science in nutrition science program includes chemistry, biochemistry, and physiology courses. These science-based courses serve as a gateway into the advanced nutrition courses, while also meeting the necessary requirements for admission into future graduate or professional programs. The applied science in nutrition science students also complete the pre-public health sequence of courses and supporting work for the MPH program. This includes courses in global health and statistics.

To enroll in this 3+2 program, students apply to the MPH program during their junior year. If they are admitted to the MPH program, they receive a B.S. in applied science in nutrition science upon completion of the first year of the MPH program. If students choose to complete the fourth-year course work for a nutrition science degree prior to applying for the MPH program, they will also be prepared for a variety of entry-level jobs. The curriculum for the applied science in nutrition studies major is listed in the Pre-Professional Programs, Pre-Public health (<http://catalog.stkate.edu/undergraduate/preprofessional-programs/prepublic-health/>) section of this catalog.

Code	Title	Credits
<b>Fall Term</b>		
CHEM 1110	General Chemistry I with Lab	4
PSYC 1001	General Psychology with Lab	4
<b>Spring Term</b>		
CHEM 1120	General Chemistry II with Lab	4
FSNU 2300	Nutrition Foundations	4
<b>Fall Term</b>		
BIOL 2610	Human Anatomy and Physiology I with Lab	4
CHEM 2010	Organic Chemistry I with Lab	4
HLTH 2050	Foundations in Public Health	4
Select one of the following:		4
ECON 1090	Statistical Analysis for Decision Making	
HLTH 1090	Biostatistics	
PSYC 1090	Statistical Methods in Psychology	
STAT 1090	Statistical Analysis	
or STAT 1090	Statistical Analysis	
<b>Spring Term</b>		
BIOL 2620	Human Anatomy and Physiology II with Lab	4
FSNU 3400	Sports Nutrition	4
<b>Fall Term</b>		

IPE 1030	Healthcare Teams Foundations and Medical Terminology	2
or INDI 2220	Medical Terminology	
FSNU 3340	Lifecycle Nutrition Pediatrics	4
FSNU 4300W	Advanced Nutrition	4
<b>Spring Term</b>		
FSNU 4270	Current Issues in Foods and Nutrition	4
<b>Fall Term</b>		
HLTH 6000	Critical Issues in Global Public Health	3
HLTH 6010	Principles of Epidemiology and Biostatistics I	3
HLTH 6030	Design and Implementation of Global Health Programs	3
<b>Spring Term</b>		
HLTH 6020	Principles of Epidemiology and Biostatistics II	3
HLTH 6050	Monitoring and Evaluation of Global Health Programs	3
Select one from:		3-4
HLTH 6040	Global Health Policy and Governance	
HLTH 6992 & 6992	Topics and Topics	
Select one from:		3
HLTH 6100 & HLTH 6992	Ethics and Human Rights for Global Health and Topics	
HLTH 6993	Topics	
<b>Total Credits</b>		<b>75-76</b>