



Nutrition and Food Science

Major Preparation Sheet 2016-2017

What is Nutrition and Food Science?

Nutritionists and Food Scientists understand the impact of quality food and proper nutrition on good health. Nutritionists provide direct patient care and large scale dietetic management through nutritional counseling, dietetic evaluations, menu planning, and patient monitoring, while Food Scientists often work directly with food processing and production to ensure proper nutrition, quality control, public health and safety.

Areas of study in Nutrition/Food Science: Nutrition, Diet Therapy, Nutrition Education, Food Systems Management, Food Safety, Food Chemistry and Engineering, Food Microbiology, Sensory Food Evaluation, Food Processing and Product Development. Certification as a Registered Dietitian or Certified Nutritionist requires supervised clinical training and passing a national registration exam.

Where does my path start?

You will complete an Associate of Arts – Direct Transfer Agreement (AA-DTA) at Shoreline.

Use the AA -DTA **Degree Planning Guide** to understand the requirements for graduation.

Once you complete your Shoreline degree, you can transfer to a four-year school to earn a Bachelor’s of Science in Nutrition and Food Science. Some Nutrition and Food Science programs require additional science and math courses beyond what is required by the AA-DTA degree. Consult with an advisor for options; you may want to consider an Associate in Science Transfer (AS-T) Track 1 degree.

Where can I go for help?

Nutrition and Food Science Faculty Advisors

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Career Planning

www.shoreline.edu/job-career-services/

General Academic Advising

FOSS (5000) Building, Rm. 5229
206-546-4559

advising@shoreline.edu
www.shoreline.edu/advising

International Student Academic Advising

9000 Building, Rm. 9302
206-546-4697

ieadvisors@shoreline.edu
www.shoreline.edu/international/advising/

Where can I transfer?

Students can transfer to a number of public and private colleges and universities in the U.S., but the Direct Transfer Agreement applies only within Washington. The following colleges in Washington offer a bachelor’s degree in Nutrition and Food Science, which may require specific courses for admission. Contact the relevant department at your chosen four-year school(s) for more information.

[Bastyr University](#)
[Central Washington University](#)

[Seattle Pacific University](#)
[Washington State University](#)

What can I do with a Bachelor’s Degree in Nutrition and Food Science?

Graduates in Nutrition and Food Science work in nutrition consulting, community health agencies, school nutrition programs, fitness and wellness programs, and specialty clinics. Food science opportunities include food safety and inspection, food service and management, food science and engineering, teaching, technical sales and marketing, quality assurance and control, food processing and production, research and development. Registered Dietitians and Certified Nutritionists work with patients, clients, doctors and nurses to develop specialized nutrition plans and support individuals’ diet changes.

Potential employers include: schools, hospitals, medical centers, nursing homes, health care facilities, food manufacturers, public health institutes, colleges and universities, restaurants, hotels, food and drug administration and other government agencies For more, please visit <http://www.shoreline.edu/counseling-services/career-counseling.aspx>

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What courses should I take?*

Below are recommendations for fulfilling the AA-DTA requirements if you are planning to pursue a four-year degree in African Studies.

Strongly Recommended
These are commonly **required** for admission. Check with your chosen four-year program(s) to confirm.

Other Recommendations
These courses are well-matched with African Studies, but are not commonly required for admission.

I. GENERAL EDUCATION REQUIREMENTS

Quant. and Symbolic Reasoning

MATH 111, &141 or &146

II. DISTRIBUTION REQUIREMENTS

Humanities

CMST &220; World language may be required for university admission.

Natural Sciences

BIOL &211, CHEM &121, 171/181, MATH &151, NUTR &101

Social Sciences

ANTH &206, ECON &201, PSYC &100

III. GENERAL ELECTIVES

ACCT &201, &202, BIOL &212, &213, &241, &242, &260, CHEM 172/182, 173/183, &241/271, &242/272, &243/273, world language if required by university

What does your chosen four-year school require?

Before choosing classes, become familiar with the four-year program where you want to apply: visit the website, email the department, and/or speak with a Shoreline advisor. Below are examples from Washington schools with different admissions and graduation requirements. Check with the school for world language requirements. (Non-native speakers of English are often exempt from this requirement.)

School	Degrees	Requirements	SCC Courses
Bastyr University	B.S. in Nutrition with options in Culinary Arts, Exercise Science and Dietetics		CMST &220, BIOL &211, &260, CHEM 171/181, 172/182, NUTR &101, PSYC &100, MATH 111 or &141
Central Washington University	B.S. in Food Science and Nutrition with specializations in Nutrition and Dietetics, Nutrition Science and Food Service Management		Dietetics: BIOL &170, &211, &260, CHEM &121, &131, ANTH &206, ECON 100, PSYC &100. Nutrition Science: NUTR &101, BIOL &211-&213, &241, &242, CHEM 171/182, 172/182/173/183, &241/271, &242/272, MATH 111 or &141. Food Service: NUTR &101, ECON &201, BUSTC 105.
Seattle Pacific University	B.S. in Food and Nutritional Sciences with different emphasis		BIOL &211, &241, &242, &260, CHEM &121, &131 (or CHEM 171/181, 172/182, 173/183, CHEM &241/271, &242/272, &243/273), BIOL &260, MATH &146. The Dietetics emphasis also requires ACCT &201, &202.
Washington State University	B.S. in Food Science with emphasis in processing, business, science or enology		BIOL &211, CHEM 171/181, 172/182, 173/183, &241/271, &242/273, CMST &220, ECON &201; MATH &146 or 211, &151, PHYS &114.
Washington State University – Spokane	B.S. in Nutrition and Exercise Physiology.	Contact WSU Spokane early for course planning. WSU requires two years of a world language in high school or one year in college to graduate.	BIOL &211, &260, CHEM &121, &131, CMST &220, MATH &146, PSYC &100

**** This unofficial guide is intended to support you as you prepare for your major. Please consult with an advisor and your chosen four-year school(s), as program and admissions requirements vary and may change without notice.**