Department of Nutrition and Food Sciences

Web Site: http://www.twu.edu/nutrition-food-sciences/

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Undergraduate Degrees Offered

The academic programs in nutrition and food science provide opportunities for education in both liberal arts and sciences and fields of professional specialization such as medicine. Students take courses in nutrition, food science, food service management, chemistry, physiology, mathematics, and business. Graduates are prepared for careers in clinical dietetics, foodservice systems management, food industry sales or research, health and wellness programs, culinary science, community nutrition and public health, or consultation and private practice.

- B.S. in Culinary Science and Food Service Management (http://catalog.twu.edu/archives/2015-2016/undergraduate/health-sciences/nutrition-food-sciences/culinary-science-food-service-management-bas) degree builds upon the Associate of Applied Science (A.A.S.) in Culinary Arts degree (state and SACS approved) to fulfill the growing demand of Chef-Managers and Chef-Scientists. The academic focus is on areas of food service management, food science, and nutrition in combination with culinary science enabling students to maximize career opportunities in culinary programs and the food industry.

- B.S. in Food and Nutrition in Business and Industry (http://catalog.twu.edu/archives/2015-2016/undergraduate/health-sciences/nutrition-food-sciences/food-nutrition-business-industry-bs) program provides students with a background in both food and nutrition. Graduates may seek employment in aspects of food or nutrition, particularly in quality control and quality assurance, food product development, foodservice management, food and nutrition management software, sales, marketing, food safety, or research.

- B.S. in Nutrition (Dietetics) (http://catalog.twu.edu/archives/2015-2016/undergraduate/health-sciences/nutrition-food-sciences/nutrition-bs-emphasis-dietetics) program is a Didactic Program in Dietetics (DPD) which is an accredited program for students who are preparing to become Registered Dietitian Nutritionists (RDNs) to work in hospitals, HMOs, private practice, outpatient clinics, or other healthcare facilities, community and public health settings, schools, foodservice administration positions, government agencies, pharmaceutical companies, and in academia and research. This program is an application-only process with acceptance capped at 40 students annually.

- B.S. in Nutrition (Nutritional Sciences) (http://catalog.twu.edu/archives/2015-2016/undergraduate/health-sciences/nutrition-food-sciences/nutrition-bs-emphasis-nutritional-sciences) program emphasizes basic sciences and is ideal for students who are interested in teaching and research in nutrition science or who plan to seek admission to professional studies in medicine, physician assistant, dentistry, physical therapy, occupational therapy, pharmacy, or the veterinary professions. The degree provides a foundation for further education at the master's and doctoral levels for the pursuit of careers in industry, research, and university level teaching positions. The program includes courses in nutrition, biology, chemistry, and mathematics.

- B.S. in Nutrition (Wellness) (http://catalog.twu.edu/archives/2015-2016/undergraduate/health-sciences/nutrition-food-sciences/nutrition-bs-emphasis-wellness) program provides students with the nutritional knowledge to assist others in reducing the risk of chronic disease through educational and behavioral approaches with courses in nutrition and health studies. Graduates seek employment in health education, community health, school health, corporate wellness, insurance companies, and fitness centers. Studies focus on qualifying students to obtain the Certified Health Education Specialist certification (CHES) often required for positions in public health.

Teacher Certification in Hospitality, Nutrition, and Food Science

Students majoring in either B.S. in Nutrition (Dietetics) or B.S. in Food and Nutrition in Business and Industry may receive teacher certification to teach Hospitality, Nutrition, and Food Science in Texas schools, grades 8-12, by completing 20 semester credit hours of education courses, 20 semester credit hours of family science courses, and 8 semester credit hours of related studies. See the Family Sciences (http://catalog.twu.edu/archives/2015-2016/undergraduate/professional-education/family-sciences) section of this catalog for more information.

Graduate Courses

In addition to undergraduate programs, the department offers a dietetic internship/master’s program at both Denton and Houston. Master’s degrees are available in nutrition, food science, and food systems administration. The department offers a doctoral program in nutrition. The department also participates in an interdisciplinary master’s degree in Exercise and Sports Nutrition and a dual degree program for M.S. in Food Systems Administration and Master of Business Administration (M.B.A.). Please refer to the Graduate Catalog (http://catalog.twu.edu/archives/2015-2016/graduate) for information regarding graduate courses.

Admissions

All students must meet the University requirements as outlined in the Admissions (http://catalog.twu.edu/archives/2015-2016/undergraduate/admission-information) section of this catalog.

Students interested in the B.S. in Nutrition (Dietetics) DPD program must meet the additional admission requirements as outlined on the Bachelor of Science in Nutrition (Dietetics) (http://catalog.twu.edu/archives/2015-2016/undergraduate/health-sciences/nutrition-food-sciences/nutrition-bs-emphasis-dietetics) catalog page.
Faculty

Professors

BROUGHTON, KENNETH SHANE, Professor of Nutrition and Food Sciences; Chair of the Department of Nutrition and Food Sciences; Interim Chair of Biology. B.S, Colorado State University; M.S., Washington State University; Ph.D., Washington State University.

DIMARCO, NANCY M., Professor of Nutrition and Food Sciences. B.A., University of Colorado, Boulder; M.S., Iowa State University; Ph.D., Iowa State University.

IMRHAN, VICTORINE, Professor of Nutrition and Food Sciences. B.S., Texas Tech University; M.S., Louisiana Tech University; Ph.D., Texas Woman's University.

PRASAD, CHANDAN, Professor of Nutrition and Food Sciences. B.S., G.B. Pant University of Agriculture and Technology : Naini Tal, India; M.Sc., G.B. Pant University of Agriculture and Technology : Naini Tal, India; Ph.D., Louisiana State University.

VIJAYAGOPAL, PARAKAT, Professor of Nutrition and Food Sciences. B.S., University of Kerala; M.S., Banaras Hindu University; Ph.D., University of Kerala.

Associate Professors

JUMA, SHANIL, Associate Professor of Nutrition and Food Sciences. B.S., Purdue University; M.S., University of Illinois, Chicago; Ph.D., Oklahoma State University.

MOORE, CAROLYN E., Associate Professor of Nutrition and Food Sciences. B.S., University of California, Berkeley; M.S., University of California, Berkeley; M.B.A., Rice University; Ph.D., University of California, Los Angeles.

Assistant Professors

MAZIARZ, MINDY, Assistant Professor of Nutrition and Food Sciences. B.S., Texas A&M University; M.S., University of Alabama, Birmingham; Ph.D., Texas Woman's University.

WARREN, CYNTHIA A., Assistant Professor of Nutrition and Food Sciences. B.S., Texas A&M University; M.S., Texas A&M University; Ph.D., Texas A&M University.

Assistant Clinical Professor

KEARNEY, DOLORES E., Assistant Clinical Professor of Nutrition and Food Sciences. B.S., State University of New York College at Oneonta; M.P.H., University of North Carolina, Chapel Hill.

Visiting Assistant Clinical Professors

GRIFFIN, ANGELA D., Visiting Assistant Clinical Professor of Nutrition and Food Sciences. B.S., University of Central Arkansas; M.S., University of Central Arkansas.

STONER-DAVIS, KERSTINA L., Visiting Assistant Clinical Professor of Nutrition and Food Sciences. B.S., Kansas State University; M.S., Texas Woman's University.