

## FOOD SCIENCE AND HUMAN NUTRITION MAJOR NUTRITION CONCENTRATION – EMPHASIS AREA COURSE LIST 2021-2022

Students who select the Nutrition Concentration are required to focus their program of study on one of four emphasis areas: (1) Dietetics; (2) Basic and Behavioral Science; (3) Community Health and Wellness; or (4) Food Industry. The Dietetics emphasis prepares students for an ACEND®-accredited dietetic internship program to become a Registered Dietitian (RD) or Registered Dietitian Nutritionist (RDN). The curriculum for the Nutrition Concentration with a Dietetics emphasis is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND®) as a Didactic Program in Dietetics (DPD). The Basic and Behavioral Science emphasis prepares students for graduate study in nutrition and health professions. The Community Health and Wellness emphasis prepares students for careers in community nutrition interacting with healthy populations. The Food Industry emphasis allows students to pair nutrition and food science knowledge for job opportunities in food product development or food service management.

Each emphasis consists of 17 credits of coursework selected in consultation with one's academic advisor. Completion of 17 credits in an emphasis area is required for completion of the Nutrition Concentration. All Nutrition Concentration students regardless of emphasis area must complete 1 credit of professional development coursework, either NUTR 4180 Professional Development in Dietetics (dietetics emphasis only) or NUTR 4190 Professional Development in Nutrition. The remaining 16 credits in an emphasis area should be selected from the suggested emphasis area course list as outlined below. Additional courses not listed below may be applied to the emphasis area as approved by one's academic advisor. Students are encouraged to choose their emphasis area by the beginning of spring semester of the sophomore year to allow one to graduate in a timely manner. Completion of a Change of Academic Program form is required for officially declaring an emphasis area. **Check prerequisites for all classes.**

### **DIETETICS EMPHASIS<sup>1</sup>**

Students **must** complete each of the following courses:

#### **NUTR 4180 Professional Development in Dietetics<sup>2</sup> – 1**

FDSC 3060 Institutional Food Service Management – 3

NUTR 4070/4071 Quantity Food Production and Lab – 3

NUTR 4240/4241 Medical Nutrition Therapy I and Lab – 4

NUTR 4250/4251 Medical Nutrition Therapy II and Lab – 4

NUTR 4270 Nutrition Counseling – 2

### **BASIC AND BEHAVIORAL SCIENCE EMPHASIS**

#### **NUTR 4190 Professional Development in Nutrition<sup>3</sup> – 1**

AGRB (HLTH) 3610 Introduction to Health Care Economics – 3

CH 2240/2280 Organic Chemistry and Lab – 4

FDSC 4500 Creative Inquiry – 1

GEN 3000 Fundamental Genetics – 3

\*HLTH 2020 Introduction to Public Health<sup>5</sup> – 3

\*HLTH 2030 Overview of Health Care Systems<sup>5</sup> – 3

\*HLTH 3800 Epidemiology<sup>5</sup> – 3

PHYS 2070/2090 Physics I and Lab – 4

PHYS 2080/2100 Physics II and Lab – 4

PSYC 3400 Lifespan Developmental Psychology<sup>4</sup> – 3

PSYC 3830 Abnormal Psychology<sup>4</sup> – 3

\*SOC 3600 Social Class and Poverty – 3

STAT 3300 Statistical Methods II – 3

\*Course must be taken online

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2021-2022**

**COMMUNITY HEALTH AND WELLNESS EMPHASIS**

**NUTR 4190 Professional Development in Nutrition<sup>3</sup> – 1**  
BIOL 2030 Human Disease & Society – 3  
COMM 3210 Communication Across Media (preq COMM 2010) – 3  
ELE 3010 Entrepreneurial Foundations<sup>4</sup> (preq MGT 2010) – 3  
FDSC 4500 Creative Inquiry – 1  
HLTH 2020 Introduction to Public Health<sup>5</sup> – 3  
HLTH 2030 Overview of Health Care Systems<sup>5</sup> – 3  
HLTH 2980 Human Health and Disease – 3  
HLTH 3800 Epidemiology<sup>5</sup> (preq any 2000-level HLTH course) – 3  
MICR 4000 Public Health Microbiology – 3  
MICR 4160 Introductory Virology – 3  
MKT 3010 Principles of Marketing<sup>4</sup> – 3  
PSYC 3400 Lifespan Developmental Psychology<sup>4</sup> – 3  
PSYC 3450 Adulthood and Aging<sup>4</sup> – 3  
PSYC 4800 Health Psychology<sup>4</sup> – 3  
SOC 2010 Introduction to Sociology – 3  
SOC 2020 Social Problems – 3  
SOC 3600 Social Class and Poverty<sup>4</sup> (preq SOC 2010 or 2020) – 3  
STAT 3300 Statistical Methods II – 3

**FOOD INDUSTRY EMPHASIS**

**NUTR 4190 Professional Development in Nutrition<sup>3</sup> – 1**  
FDSC 3070 Restaurant Food Service Management – 3  
FDSC 4010 Food Chemistry I (preq BCHM 3050)– 3  
FDSC 4020 Food Chemistry II (preq FDSC 4020) – 3  
FDSC 4030 Food Chemistry & Analysis (preq FDSC 4010) – 2  
FDSC 4090 TQM Food & Package Industries (preq STAT 2300)– 3  
FDSC 4100 Food Product Development (preq FDSC 4030)– 4  
FDSC 4500 Creative Inquiry – 1  
NUTR 4070/4071 Quantity Food Production and Lab – 3

<sup>1</sup>To be accepted into the Dietetics Emphasis, students must meet a minimum GPA of 3.20, complete 60 credit hours, achieve a C or better in science and social science coursework and B or better in food science and nutrition coursework. Refer to the Dietetics Program Admission Policy in the department undergraduate student handbook for details.

<sup>2</sup>Required emphasis area course for all Dietetics emphasis students.

<sup>3</sup>Required emphasis area course for all Basic and Behavioral Science, Community Health and Wellness, and Food Industry emphasis students.

<sup>4</sup>CBBS course fee applies when taking this course.

<sup>5</sup>Completion of all three courses is required to obtain a Public Health Certificate (online) through the Department of Public Health Sciences. A minimum average GPR 2.5 for the three courses and course completion with a grade of D or better required