SCHOOL OF CONSUMER AND FAMILY SCIENCES
Foods and Nutrition

Nutrition Science-Premedicine Option (333)

Student: ______________________________________ SID:_____________________ Minor:_______________________________

I. GENERAL EDUCATION (40-43 hrs)
   ___ (3) COM ___ (4) ENGL 106
   OR > ___ (3) ENGL 108 and ___ (3) ENGL ___
   (literature or writing)
   ___ (3) ECON 210
   ___ (3) POL ___ (3) PSY 120
   ___ (3) SOC 100
   ___ (4) CHM 116

*CHM 100 may be taken as preparation for CHM 115 and used as an elective.

II. OPTION REQUIREMENTS (62-64 hrs)
   ___ (3) F&N 330
   ___ (3) BCHM 561 ___ (4) F&N 435
   ___ (3) BCHM 562 ___ (2) F&N 436
   ___ (3) BIOL 301 ___ (4) F&N/FS 453
   ___ (3) BIOL 302 ___ (1-3) F&N 495 OR 424
   ___ (4) BIOL 225 ___ (4) F&N 520
   ___ (4) BIOL 226 ___ (4) Life Sciences Elective (Microbiology, Quantitative Analysis, Genetics, BioChemical Analysis)
   ___ (3) CHM 255
   ___ (1) CHM 255L ___ (3) STAT 301
   ___ (1) CHM 256L Six credit hours from two departments
   ___ (3) F&N 315 (CDFS, CSR or HTM) in Consumer & Family Sciences

III. ELECTIVES (23-28 hrs)*
   ___ ( ) _______________
   ___ ( ) _______________
   ___ ( ) _______________

*Some suggestions for electives are: Biological sciences – AGR 320, 320L; ANSC 501; BCHM 565; BIOL 559; VPH 520, 521. Food science – FS 307, 341; F&N 530, 536. Nutrition – F&N 525, 580. Others – CSR 342, 487; PHIL 111, 270; 400 or 500 level Liberal Arts courses; BCHM 322; BIOL 241; CHM 224.

130 semester hours required for a Bachelor of Science degree
GENERAL EDUCATION (40-43 credit hours)

Area I - Humanities

(3)  COM ___  Communication Elective
(4)  ENGL 106  First-Year Composition I  or  (3)  ENGL 108  Accelerated First-Year Composition and
(3)  ENGL ___  Literature or writing

Area II - Social or Behavioral Sciences

(3)  ECON 210  Principles of Economics

Select two of the following:

(3)  POL ___  Political Science
(3)  PSY 120  Elementary Psychology
(3)  SOC 100  Introductory Sociology

Area III - Life and Physical Sciences

(4)  CHM 115*  General Chemistry  (Prerequisite: MA 151 or placement into a calculus sequence (MA 161 or 223) and 1 yr. high school Chemistry or one semester of college Chemistry required.)
  *CHM 100 may be taken as preparation for CHM 115 and used as an elective.
(4)  CHM 116  General Chemistry (Prerequisite: CHM 115 or equivalent)
(5)  MA 161  Plane Analytic Geometry and Calculus  or  (3)  MA 223  Introductory Analysis I and
(3)  MA 224  Introductory Analysis II  (Prerequisite: MA 223)
(4)  PHYS 220  General Physics (Prerequisite: College Algebra and Trigonometry)
(4)  PHYS 221  General Physics (Prerequisite: PHYS 220)

Area IV - Computer Science

(3)  C S ___  Computer Science Elective

OPTION REQUIREMENTS (62-64 credit hours)

(3)  BCHM 561  General Biochemistry (Prerequisite: CHM 256 or 262 or equivalent, or consent of instructor)
(3)  BCHM 562  General Biochemistry (Prerequisite: BCHM 561 or equivalent)
(3)  BIOL 301  Human Design: Anatomy and Physiology (Prerequisite: one year of Biology and one year of General Chemistry or consent of instructor)
(3)  BIOL 302  Human Design: Anatomy and Physiology
(4)  BIOL 225  Biology - The Basic Concepts (Prerequisite: CHM 115-116, MA 161-162, or equivalents)
(4)  BIOL 226  Biology - The Basic Concepts (Prerequisite or corequisite: BIOL 252, CHM 115-116, MA 161-162, or equivalents)
(3)  CHM 255  Organic Chemistry (Prerequisite: CHM 112 or 116)
(1)  CHM 255L  Organic Chemistry Laboratory (Prerequisite or corequisite: CHM 255)
(3)  CHM 256  Organic Chemistry (Prerequisite: CHM 255 or equivalent)
(1)  CHM 256L  Organic Chemistry Laboratory (Prerequisite or corequisite: CHM 256)
(3)  F&N 315  Fundamentals of Nutrition (Prerequisite: Organic Chemistry and Physiology. Credit not given for both F&N 303 and 315.)
(3)  F&N 330  Diet Selection and Planning (Prerequisite: F&N 202 or 205 and 303 or 315)
(4)  F&N 435  Nutrition-Metabolism (Prerequisite: F&N 315, BCHM 307 or equivalent)
(2)  F&N 436  Nutritional Assessment (Pre or corequisite: F&N 435)
(4)  F&N/FS 453  Food Chemistry (Prerequisite: Organic Chemistry, Biochemistry or consent of instructor)
(1)  F&N 495  Undergraduate Seminar in Foods and Nutrition (Prerequisite: F&N 435 and F&N/FS 453) or
(3)  F&N 424  Communication Techniques in Foods and Nutrition (Prerequisite or corequisites: F&N 330 and F&N 435 or consent of instructor)
(4)  F&N 520  Medical Nutrition Therapy  (Prerequisite: F&N 330, 435, and 436 or equivalent)
(4) Life Sci Elec  Must be a lab course. Can choose from Microbiology, Quantitative Analysis, Genetics, Biochemical Analysis, or other course approved by advisor.

(3) STAT 301  Elementary Statistical Methods (Prerequisite: College Algebra)

(6) Credit hours from two departments (CDFS, CSR, or HTM) in Consumer and Family Sciences.

**ELECTIVES (23-28 credit hours)**

*Some suggestions for electives are: Biological sciences – AGR 320, 320L; ANSC 501; BCHM 565; BIOL 559; VPH 520, 521. Food Science – FS 307, 341; F&N 530, 536. Nutrition – F&N 525, 580. Others – CSR 342, 487; PHIL 111, 270; 400 or 500 level Liberal Arts courses; BCHM 322; BIOL 241; CHM 224.

### SUGGESTED PLAN OF STUDY

**Nutrition Science Premedicine Option**

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**NUTRITION SCIENCE—PREMEDICINE**  F&N 333  TITLE  REVISED 5/2004 CSR