

Overview of Proposed Course Changes for the Master's in Nutritional Sciences

Current Core Course Required for MS NS

Course #, Title, (Credits)

Total Credits Required for **Degree 35**

CNU/NS 601 Macronutrient Metabolism (4)

NS/ASC 602 Micronutrient Metabolism (4)

NS/CNU/NFS 704 Current Topics (1)

STA 570 Basic Statistical Analysis (4)

BSC/ANT/NFS 607 Food Related Behaviors (3)

NS 771 Seminar (0) (1)**

NS/CNU/NFS 782 Special Problems* (1-6)

Core Credits 17

* Plan B only ** Plan A only

Proposed Core Courses for MS NS

Course #, Title, (Credits)

Total Credits Required for **Degree 30**

Prerequisites – 200 level or equivalent physiology course.

Recommend a 400 level biochemistry course.

CNU/NS 601 Integrated Nutritional Sciences Part I (3)

NS/ASC/CNU 602 Integrated Nutritional Sciences Part II (3)

CNU/NS/FSC 603 Integrated Nutritional Sciences Part III (2)

NS/CNU/NFS 704 Current Topics (1)

STA 570 Basic Statistical Analysis (4)

NS 771 Seminar (0) (1)**

NS/CNU/NFS 782 Special Problems* (1-6)

CNU/NS 609 Ethics (1)

Core Credits 15

* Plan B only ** Plan A only

Current Courses for Emphasis in Clinical Nutrition

Course #, Title, (Credits)

Prerequisite – B.S. in Dietetics and/or meeting ADA requirements

CNU/NS 701 Nutrition and Chronic Disease (4)

CNU/NS 702 Clinical Nutrition Problem Based Case Studies (1-3)

NS/NFS 640 Human Nutrition Assessment (3)

Emphasis Credits 8 to 10

Electives to equal a minimum of 35 credit hours

Proposed Courses for Emphasis in Clinical Nutrition

Course #, Title, (Credits)

Prerequisite – B.S. in Dietetics and/or meeting ADA dietetics requirements for internship

EDP 605 Counseling techniques (3)

CNU/NS 702 Clinical Nutrition Problem Based Case Studies (1-3)

CNU 611 Advanced Medical Nutrition Therapy (2) (New course)

CNU 612 Examination Skills for the Clinical Nutritionist (2) (New course)

Emphasis Credits 8 to 10

Electives to equal a minimum of 30 credit hours

Current Courses for Emphasis in Wellness and Sports Nutrition

Course #,Title, (Credits)

CNU/NS 605 Wellness and Sports Nutrition (3)
 NS/NFS 630 Advance Community Nutrition (3)
 NS/NFS 640 Human Nutrition Assessment (3)

KHP 620 Advanced Exercise Physiology (3)

Emphasis Credits 12

Electives to equal a minimum of 35 credit hours

Current Courses for Emphasis in Community Nutrition

Course #,Title, (Credits)

HES 600 Research Methodology in Human Environmental Sciences (3)
 NS/NFS 630 Advance Community Nutrition (3)
 NS/NFS 640 Human Nutrition Assessment (3)
 NFS 516 Maternal and Child Nutrition (3) or
 NS/NFS 620 Nutrition and Aging (2)

Emphasis Credits 12

Electives to equal a minimum of 35 credit hours

Current Courses for Emphasis in Molecular and Biochemical Nutrition

Course #,Title, (Credits)

BCH 607 General Biochemistry I (3)

BCH 608 General Biochemistry II (3)

NS/CNU 606 Molecular Biology Applications in Nutrition (2)

PGY 412G Principles of Human Physiology (4)

Emphasis Credits 8

Electives to equal a minimum of 35 credit hours

Proposed Courses for Emphasis in Wellness and Sports Nutrition

Course #,Title, (Credits)

CNU/NS 605 Wellness and Sports Nutrition (3)
 EDP 605 Counseling techniques (3)
 KHP 600 Exercise Stress Testing and Prescription (3)

KHP 620 Advanced Exercise Physiology (3)

CNU 501 Nutraceuticals and Functional Foods (2)

Emphasis Credits 14

Electives to equal a minimum of 30 credit hours

Proposed Courses for Emphasis in Community Nutrition

Course #,Title, (Credits)

CPH 605 Epidemiology (3)

NS/NFS 630 Advance Community Nutrition (3)
 EDP 605 Counseling techniques (3)
 NFS 603 Advanced Community Program Development (3)

NFS 607 Food Related Behaviors (3)

Emphasis Credits 15

Electives to equal a minimum of 30 credit hours

Proposed Courses for Emphasis in Molecular and Biochemical Nutrition

Course #,Title, (Credits)

BCH607 (IBS 601) Biochemistry (3) or CHE550 (3 credits)

BCH 608 (IBS 602) Biochemistry (3) or CHE552 (3 credits)

NS/CNU 606 Molecular Biology Applications in Nutrition (2)

Emphasis Credits 8

Electives to equal a minimum of 30 credit hours