Soave, Melissa

Subject: FW: Update on Human Nutrition

From: Andrew Zircher [mailto:AZircher@ehe.osu.edu]
Sent: Thursday, February 02, 2012 10:30 AM
To: Smith, Randy; Kay.Wolf@osumc.edu; Soave, Melissa
Cc: jblount@ehe.osu.edu
Subject: Update on Human Nutrition

Dear Dr. Smith, Dr. Wolf, and Ms. Soave,

Jackie Blount and I met yesterday with Anne Smith, Jim Kinder, and Helen Everts from the Department of Human Nutrition regarding their undergraduate major proposal. The outcome of the meeting is that the Department now plans to put forward a semester conversion proposal which is nearly identical to the one previously submitted to CAA in terms of goals, objectives, and curriculum, but that the major name changes from Nutrition to Human Nutrition. Thus, the structure would be:

Degree: Bachelor of Science in Nutrition
Major: Human Nutrition (Changed from Nutrition)
Specializations: Nutrition Science, Dietetics, Nutrition in Industry, and Nutrition and Community Health (deactivating)

This is the structure under quarters (two degrees):

Degree: Bachelor of Science in Nutrition
Major: Nutrition

Degree Bachelor of Science in Human Ecology
Major: Human Nutrition
Specializations: Dietetics, Nutrition in Industry, and Nutrition and Community Health

Dr. Smith, if the new proposed configuration of degree, major, and specialization names is approved, would this proposal need Senate, Trustees, and Board of Regents approval given that the degree and major name existed previously?

Andy Zircher, MA
Academic Planning Specialist, Curriculum Coordinator
Education and Human Ecology
The Ohio State University
172 Arps Hall
1945 North High Street
Columbus, Ohio 43210
Phone: 614-292-8225
Fax: 614-292-2777
http://people.ehe.ohio-state.edu/curriculum/

THE OHIO STATE UNIVERSITY

Department of Animal Sciences

2029 Fyffe Road
Columbus, OH 43210-1095

Phone (614) 292-6401
Fax (614) 292-2929

February 9, 2012

Andy Zircher, MA
Academic Planning Specialist, Curriculum Coordinator
Education and Human Ecology
The Ohio State University

Re: Department of Animal Sciences concurrence with Department of Human Nutrition B.S. in Nutrition, Major in Human Nutrition

The Animal Sciences Academic Affairs Committee has considered the request for concurrence in changing the name of the major under the B.S. in Nutrition from Nutrition to Human Nutrition. The Academic Affairs Committee unanimously supported the change and thus, The Department of Animal Sciences concurs with the proposed major in Human Nutrition under the B.S. in Nutrition.

Sincerely,

Ronald S. Kensinger
Department of Animal Science, Chair
The Ohio State University

Responses to CAA questions

Regarding the first point from CAA subcommittee, the Human Nutrition proposal actually looks okay. Dr. Kinder indicated that the process culminated in September 2010, and then goes on to mentions how the process began with discussion of goals in February 2010.

The required course listings have been changed, showing the required courses by specialization.

Ensured the freshman survey has been included for all specializations.

All core classes are required for the Nutrition Science, Nutrition in Industry, and Dietetics specializations. One of the core courses is not required for Nutrition and Community Health, but that specialization is being deactivated. No additional students will be admitted to Nutrition and Community Health once semester begin, so keeping the requirements for that program constant and not adding core classes is intended.

Additional notes

Please note that the Nutrition and Community Health specialization is being converted from quarters, but the department will not admit additional students once semesters begin. The intention is to convert the specialization for current students to complete the program. Additional details regarding deactivation of this specialization are in the transition policy of the following proposal.

Status: DENIED

PROGRAM REQUEST
Human Nutrition

Last Updated: Zircher,Andrew Paul
02/08/2012

Fiscal Unit/Academic Org	Dept of Human Nutrition - D1254
Administering College/Academic Group	Education & Human Ecology
Co-adminstering College/Academic Group	
Semester Conversion Designation	Re-envisioned with significant changes to program goals and/or curricular requirements (e.g., degree/major name changes, changes in program goals, changes in core requirements, structural changes to tracks/options/courses)
Current Program/Plan Name	Nutrition
Proposed Program/Plan Name	Human Nutrition
Program/Plan Code Abbreviation	NUTRN-BSN
Current Degree Title	Bachelor of Science in Nutrition

Credit Hour Explanation

Program credit hour requirements		A) Number of credit hours in current program (Quarter credit hours)	B) Calculated result for 2/3rds of current (Semester credit hours)	C) Number of credit hours required for proposed program (Semester credit hours)	D) Change in credit hours
Total minimum credit hours required for completion of program		181	120.7	120	0.7
Required credit hours offered by the unit	Minimum	28	18.7	16	2.7
	Maximum	46	30.7	33	2.3
Required credit hours offered outside of the unit	Minimum	135	90.0	87	3.0
	Maximum	153	102.0	104	2.0
Required prerequisite credit hours not included above	Minimum	0	0.0		
	Maximum	0	0.0		

Program Learning Goals

Note: these are required for all undergraduate degree programs and majors now, and will be required for all graduate and professional degree programs in 2012. Nonetheless, all programs are encouraged to complete these now.

Program Learning Goals

- Critical Thinking: Students will learn to use critical thinking, evidence-based principles, and current information to analyze situations, issues, and problems.
- Ethics: Students will learn how to reason and act consistently in an ethical fashion, with honesty, integrity, fairness, objectivity, sensitivity to cultural differences, and respect for the unique needs and values of individuals.
- Communication: Students will learn how to communicate effectively, both orally and in writing.
- Social Responsibility/Leadership: Students will develop awareness of contemporary issues and public policies, learn how to become involved and act with social responsibility, and develop leadership abilities.
- Research:Students will demonstrate an understanding of the scientific method, including research methods important in the study of nutrition, and research opportunities that exist in food-related companies, government agencies, and universities.
- Sciences: Students will demonstrate understanding of social, behavioral, physical and biological sciences, including biochemistry, physiology, and molecular genetics, and the ability to apply these scientific principles to study of nutrition.
- Nutrient Function: Students will gain an understanding of digestion, absorption, metabolism and functions of nutrients and other bioactive dietary compounds at the whole body, cellular and molecular levels, and in relation to health and disease.
- Nutrition Assessment/Diet Planning/Life Span: Students will learn to assess nutrient needs across the life span and gain a broad perspective in nutrition assessment and diet selection and planning.
- Food Science/Food Safety: Students will demonstrate their understanding of the science of food, food systems, and food safety issues related to the nutrition.
- Energy Balance, Fitness and Physical Activity: Students will learn fundamental concepts of energy balance including practices in fitness and exercise science, and will gain understanding of the combined areas of physical activity and nutrition.

Assessment

Assessment plan includes student learning goals, how those goals are evaluated, and how the information collected is used to improve student learning. An assessment plan is required for undergraduate majors and degrees. Graduate and professional degree programs are encouraged to complete this now, but will not be required to do so until 2012.

Is this a degree program (undergraduate, graduate, or professional) or major proposal? Yes

Does the degree program or major have an assessment plan on file with the university Office of Academic Affairs? No

DIRECT MEASURES (means of assessment that measure performance directly, are authentic and minimize mitigating or intervening factors)

Standardized tests

- National standardized examination
- Certification or licensure examinations

Classroom assignments

- Embedded testing (i.e. specific questions in homework or exams that allow faculty to assess students' attainments of a specific learning goal)
- Other classroom assessment methods (e.g., writing assignments, oral presentations, oral exams)

Evaluation of a body of work produced by the student

- Practicum, internship or research evaluation of student work
- Portfollio evaluation of student work

- Senior thesis or major project
- Capstone course reports, papers, or presentations

INDIRECT MEASURES (means of assessment that are related to direct measures but are steps removed from those measures)

Surveys and Interviews

- Student survey
- Alumni survey
- Student evaluation of instruction

Additional types of indirect evidence

- Job or post-baccalaureate education placement
- External program review
- Grade review

USE OF DATA (how the program uses or will use the evaluation data to make evidence-based improvements to the program periodically)

- Meet with students directly to discuss their performance
- Analyze and discuss trends with the unit's faculty
- Analyze and report to college/school
- Analyze and report to accrediting organization
- Make improvements in curricular requirements (e.g., add, subtract courses)
- Make improvements in course content
- Make improvements in course delivery and learning activities within courses
- Periodically confirm that current curriculum and courses are facilitating student attainment of program goals

Program Specializations/Sub-Plans

If you do not specify a program specialization/sub-plan it will be assumed you are submitting this program for all program specializations/sub-plans.

Program Specialization/Sub-Plan Name	Nutrition Science (Existing)
Program Specialization/Sub-Plan Goals	• The Nutrition Science specialization is designed for students interested in the metabolism and functions of nutrients and other bioactive dietary compounds especially in relation to health and disease. • The program of study prepares students for admission to medical, veterinary, dental, optometry, or pharmacy schools, or graduate degree programs in nutrition and biomedical sciences.
Program Specialization/Sub-Plan Name	Dietetics (Existing)
Program Specialization/Sub-Plan Goals	• The Dietetics specialization prepares students to become Registered Dietitians with many career choices including nutrition education, nutrition counseling and therapy, sports nutrition, and food service management. • The program is accredited by The American Dietetic Association. Upon completion, graduates are eligible to apply for a dietetic internship. • Completion of a dietetic internship and passing the American Dietetic Association Registration Exam is necessary to become a Registered Dietitian.
Program Specialization/Sub-Plan Name	Nutrition in Industry (Existing)

Program Specialization/Sub-Plan Goals	• The Nutrition in Industry specialization is for students interested in careers in nutrition-related businesses and industries. • The combination of scientific nutrition courses with the General Business Minor from the Fisher College of Business prepares students for employment in the food and nutrition industry. • Upon graduation, students are qualified for careers in state and federal agencies that regulate product quality, consumer protection and education, nutrition product development, and pharmaceutical sales.
Program Specialization/Sub-Plan Name	Nutrition and Community Health (Existing)
Program Specialization/Sub-Plan Goals	• The Nutrition and Community Health option within the Human Nutrition Major is for students planning careers related to wellness, health education, or exercise science.

Pre-Major

Does this Program have a Pre-Major? Yes

Admission to the B.S. Nutrition Pre-major

1. Admission to the B.S. Nutrition Pre-major:
a) If you are enrolled in another major at Ohio State, you may enter the College of Education and Human Ecology pre-nutrition major with a 2.50 GPA and 15 credit hours complete.

b) If you are a new student to Ohio State (transfer or freshman) and about to begin your first quarter, you may indicate that you wish to enter the Nutrition pre-major in the College of Education and Human Ecology on your orientation materials.

2. Admission requirements for the Department of Human Nutrition B.S. Nutrition Program are:
2.50 GPA, completion of MATH 116, 130, or 148, ENGL 110, BIOL 113, CHEM 101 or 121, CHEM 102 or 122, and a personal statement.

A competitive GPA will be at least a 2.75, because students that graduate with a lower GPA are not competitive for dietetic internships, professional programs and graduate school. Applications will be ranked according to 1) overall GPA, 2) grades in prerequisite courses (see above), 3) grades in any additional science and major (HUMN NTR) courses that have been taken, and 4) strength of relevant experience and career goals as discussed in the personal statement. The number of students admitted each quarter is limited by the faculty and other resources available.

3. The personal statement should be 1-2 pages typed double-spaced and include information about the applicant's 1) reason for applying to the B.S. Nutrition program; 2) work, community service and leadership experiences related to nutrition and/or dietetics; and 3) professional/career goals as they relate to nutrition and/or dietetics.

4. Applications are available online at
http://ehe.osu.edu/students/ugss/downloads/ehe-pre-major-app.pdf and in room 201 Campbell Hall and are accepted every quarter. Admissions to the Nutrition Programs are decided during the second week of every quarter.

Attachments

- Quarter.2.Semester,HN.B.S.Program,Ltr.Rev.2.pdf: Chair Letter

  (Letter from Program-offering Unit. Owner: Kinder,James Edward)
- FAES Cuncurrence Letter for BSN.pdf: Concurrence Letter

  (Support/Concurrence Letters. Owner: Smith,Anne Marie)
- Revised Proposal BSN for CAA 100711.pdf: 10/07/11 Revised Proposal

  (Program Proposal. Owner: Zircher,Andrew Paul)
- Human Nutrition Dean Semester Cover Letter.pdf: College Cover Letter

  (Letter from the College to OAA. Owner: Zircher,Andrew Paul)

Comments

- Returned for Revision per Andrew Zircher. *(by Soave,Melissa A on 09/05/2011 08:48 PM)*
- Attachments have been combined *(by Smith,Anne Marie on 11/29/2010 10:30 PM)*

Status: DENIED

PROGRAM REQUEST
Human Nutrition

Last Updated: Zircher,Andrew Paul
02/08/2012

Workflow Information

Status	User(s)	Date/Time	Step
Submitted	Smith,Anne Marie	09/28/2010 03:00 PM	Submitted for Approval
Approved	Kinder,James Edward	09/29/2010 08:22 AM	Unit Approval
Revision Requested	Zircher,Andrew Paul	11/02/2010 09:17 AM	College Approval
Submitted	Smith,Anne Marie	11/29/2010 10:31 PM	Submitted for Approval
Approved	Kinder,James Edward	11/30/2010 06:23 AM	Unit Approval
Revision Requested	Zircher,Andrew Paul	11/30/2010 12:57 PM	College Approval
Submitted	Smith,Anne Marie	11/30/2010 01:10 PM	Submitted for Approval
Approved	Kinder,James Edward	12/02/2010 11:16 AM	Unit Approval
Approved	Zircher,Andrew Paul	01/22/2011 11:40 AM	College Approval
Revision Requested	Soave,Melissa A	09/05/2011 08:48 PM	CAA Approval
Submitted	Zircher,Andrew Paul	09/21/2011 03:50 PM	Submitted for Approval
Approved	Kinder,James Edward	09/22/2011 04:33 PM	Unit Approval
Revision Requested	Zircher,Andrew Paul	09/29/2011 03:29 PM	College Approval
Submitted	Zircher,Andrew Paul	09/30/2011 10:28 AM	Submitted for Approval
Revision Requested	Zircher,Andrew Paul	10/07/2011 03:23 PM	Unit Approval
Submitted	Zircher,Andrew Paul	10/12/2011 03:07 PM	Submitted for Approval
Approved	Zircher,Andrew Paul	10/12/2011 03:08 PM	Unit Approval
Approved	Zircher,Andrew Paul	10/12/2011 03:10 PM	College Approval
Revision Requested	Soave,Melissa A	02/01/2012 12:42 PM	CAA Approval

Office of Academic Affairs
172 Arps Hall, 1945 N. High Street
614 688-4571

Date: **February 8, 2012**

To: **Randy Smith, Vice Provost for Academic Programs**
Elliot Slotnick, Associate Dean, Graduate School

From: **Jackie Blount, Associate Dean, EHE Academic Affairs**

RE: **Updated Semester Conversion Package for Department of Human Nutrition**

I am pleased to present the package of semester conversion materials for the Department of Human Nutrition. In what follows, I will outline unique college and department contexts that have shaped this package. I will include tables summarizing constituent programs/courses and describe any other pertinent considerations. Finally, you will find Dean's level approval.

College Contexts

The College of Education and Human Ecology was formed in 2006 by merging two colleges (Human Ecology and Education). Curriculum across the new college, however, has remained relatively unchanged. Given this situation, we view the semester conversion process as a fresh opportunity to deepen the merger by building curricular collaborations among our units. We also wish to rethink our pre-existing programs and find ways to make them stronger, more coherent, and streamlined.

To these ends, we have asked faculty in our units to purge their curricula of little-used or less-than-relevant courses. We have challenged faculty to reach across unit lines to forge curricular collaborations by creating new degrees, interdisciplinary specializations, or co-taught courses. We are re-instituting a number of undergraduate teacher preparation programs (B.S.Ed.), each of which draws from courses in units around our college as well as across the university. We have encouraged five of our six units to address findings of the 2008 OSU Doctoral Program Assessment and Plan by strengthening their Ph.D. programs and making them more coherent. They have responded by: 1) defining their Ph.D. programs in alignment with their units -- rather than with their pre-merger college (i.e., Ph.D. in Consumer Science rather than Ph.D. in Human Ecology); and 2) creating true cores for their Ph.D. programs if they did not previously exist. Additionally, an Ed.D. degree in Educational Leadership is being proposed to address the need of school administrators to pursue advanced degrees geared for practitioners. With approval of the Ed.D. and also with recent B.O.R. approval of our other practitioner-oriented programs, an Ed.S. (Education Specialist) program in School Psychology and another in Teaching and Learning, fewer graduate students in the college will pursue Ph.D.s by default than in the past.

We believe that, taken together, these changes will greatly strengthen our programs and clarify our new college identity.

Departmental Notes

The Department of Human Nutrition (HN) is the only unit in the college that will not seek changes in the name or structure of its Ph.D. degree program. The reason for this is that the interdisciplinary Ph.D. in OSUN program was recognized in the 2008 OSU Doctoral Program Assessment and Plan as one of the top doctoral programs on campus. Because the doctoral OSUN program reaches across college bounds, a full semester conversion proposal will be submitted for university-level review later.

HN faculty are proposing to re-envision their MS program with a program name change from Human Ecology to Human Nutrition, minor curricular updates, and elimination of the non-thesis option.

At the undergraduate level, in quarters the department utilized two degrees, the Bachelor of Science (BSN) in Nutrition, with a major in Nutrition, and a Bachelor of Science in Human Ecology (BSHE) with a major in Human Nutrition, and specializations in Dietetics, Nutrition in Industry, and Nutrition and Community Health. For semesters, the Department has proposed to move the specializations that were under BSHE to the BSN. The proposed major name is Human Nutrition. In addition, the Nutrition and Community Health specialization will be converted for current students, but will be deactivated after they have graduated.

Finally, in response to the college's curriculum collaboration initiative, faculty in HN have teamed up with faculty in PAES to propose a new bachelor's degree: B.S. in Health Promotion, Nutrition and Exercise Sciences. Such programs have emerged recently at peer institutions and quickly have grown in size as well as stature. Collaboration on this degree will be enhanced as the college is in the process for realigning, resulting in Human Nutrition and Exercise Science faculty joining together and part of a larger unit.

Summary Tables

Program	Extent of Change	Notes	Approval by EHE Curr. Committee	Approval by EHE College Council
Ph.D. OSUN	Converted	Note: This multi-college degree program will be submitted separately.	May 18, '11	June 3, '11
M.S. Human Nutrition	Converted	Existing Masters level program converted	Oct 3, '11- reapproved after concurrence issue with Allied Med resolved	Oct 7, '11
B.S. Nutrition	Re-envisioned	Three specializations will exist under the BSN degree, Human Nutrition major. The Nutrition Science	Feb. 2 '12- reapproved after major	Feb. 3, '12

		specialization has been part of the BSN degree. The Nutrition in Industry and Dietetics specializations previously were under the BS Human Ecology degree. All specializations are converted, but the latter two have been brought under the BSN because "Human Ecology" does not exist as a college any longer, and for greater clarity. Nutrition and Community Health has been converted for current students, but with a future deactivation date.	name change in response to concurrence concern	
B.S. Health Promotion, Nutrition and Exercise Sciences	New	Generated from EHE Curriculum Collaboration Seed Grant, '10. Includes curriculum from both HN and PAES, resulting in unique new synergies.	Nov. 30, '10	Dec. 3, '10
Minor in Human Nutrition	Converted	Straight conversion.	Nov. 30, '10	Dec. 3, '10

Courses	Number	Extent of Change	Approval by EHE Curr. Committee	Approval by EHE College Council
New graduate courses	1	New	Dec. 9, '10	Jan. 7, '11
New undergraduate courses	2	New	Dec. 9, '10	Jan. 7, '11
Total new Courses	3			
Re-envisioned graduate courses	4	Re-envisioned	Dec. 9, '10	Jan. 7, '11
Re-envisioned undergraduate courses	5	Re-envisioned	Dec. 9, '10	Jan. 7, '11
Total re-envisioned courses	9			
Graduate courses	17	Converted	Dec. 9, '10	Jan. 7, '11
Undergraduate courses	16	Converted	Dec. 9, '10	Jan. 7, '11
Total converted courses	33			
Total number of all courses	**45**			

College Approval

I have carefully reviewed all semester conversion materials for the Department of Human Nutrition, having done so conjointly with the EHE Curriculum Committee. I also have discussed these materials with Dean Achterberg. This memo signifies Dean's level approval of the entire semester conversion package for the Department of Human Nutrition.

Department of Human Nutrition

College of Education and Human Ecology
325 Campbell Hall
1787 Neil Avenue
Columbus, OH 43210-1295

Phone (614) 292-4485
Fax (614) 292-8880
www.hec.osu.edu/hn

December 2, 2010

Office of Academic Affairs
203 Bricker Hall
190 North Oval Mall
Columbus, OH 43210-1358

Dear Office of Academic Affairs:

On behalf of the Department of Human Nutrition, I am pleased to recommend for approval the Program Plan for our undergraduate program leading to the Bachelor of Science in Nutrition Degree. This submission is a result of the quarter to semester conversion process and contains the details of our undergraduate program conversion only. The Department of Human Nutrition currently offers science-based programs which lead to a Bachelor of Science in Nutrition or a Bachelor of Science in Human Ecology with an option in Dietetics, Nutrition in Industry, or Nutrition and Community Health. The Program Request reflects a change in the name of the degree for some of the currently offered programs. The Bachelor of Science in Nutrition and the Bachelor of Science in Human Ecology with an option in Dietetics or Nutrition in Industry will now all lead to the Bachelor of Science in Nutrition. The Bachelor of Science in Human Ecology which was developed within the former College of Human Ecology will be withdrawn. The rationale for withdrawing the B.S. in Human Ecology is that the former programs leading to the B.S. in Human Ecology (Consumer Sciences, Human Development and Family Science, and Human Nutrition) no longer share a common core. The three program specializations, Nutrition Science, Dietetics, and Nutrition in Industry**,** will share a common core of six required courses offered in the Department of Human Nutrition resulting in 16 semester units.

The Department semester conversion process was led by Associate Professor Anne Smith, our Department semester conversion point person. She attended the UCAT Winter Curriculum Design Institute, Q2S Town Meetings, and was a member of the College of Education and Human Ecology Semester Conversion Committee. An Ad hoc Committee on Semester Conversion of six faculty members (Professor Martha Belury, Associate Professor Josh Bomser, Associate Professor Carla Miller, Assistant Professor Hugo Melgar-Quinonez, Visiting Professor Bob Reynolds and Associate Professor Anne Smith) was appointed in February 2010 and worked closely with the Department Undergraduate Studies Committee in the process of conversion.

The Ad hoc Committee began with the development of a timeline which would culminate in the submission of the program proposal to the College of Education and Human Ecology in

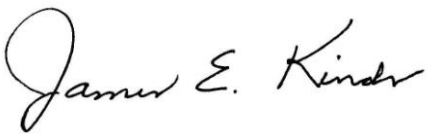
September 2010. The Ad hoc Committee began by formulating Program Learning Goals and desired outcomes. These goals were discussed and approved by the full faculty on February 23, 2010. Working groups were formed to map the existing curriculum against these goals and search for gaps and overlaps. Simultaneously the curricula of peer semester institutions was obtained and reviewed. Meetings were also held with key Department stakeholders, including those from collaborating units on campus. Next the ideal semester curriculum map was created which led to a realistic semester map including course objectives. Semester course design was assigned to current instructors at all levels and took place during April and May. Course proposals and program design were reviewed in May. The proposed curriculum was presented formally to the entire faculty on May 4 and May 25 and was unanimously approved by the faculty on June 8, 2010.

The Department is also revising a fourth undergraduate option, the Bachelor of Science in Human Ecology with an option in Nutrition and Community Health, into a joint undergraduate program with the School of Physical Activity and Educational Services (PAES). The new joint program is a specialization in Health, Nutrition and Exercise Sciences. The new joint Health, Nutrition and Exercise Sciences Program combines the strengths of courses and faculty expertise from both the Department of Human Nutrition and the School of PAES. This program has recently been put forth for review by the College committee for quarter to semester conversion. In addition, the Department will put forth proposals for a Human Nutrition Minor as well as a Master of Science program. Furthermore, the Department will put forth the documentation for the interdisciplinary Ohio State University Nutrition (OSUN) program that have, in addition to the College of Education and Human Ecology, the College of Food Agricultural and Environmental Sciences (Departments of Animal Sciences and Food Science and Technology), and the College of Medicine as partners in funding the OSUN program. The Department does not envision any significant fiscal implications - earnings or costs for instruction - to support these programs unless there are increases in the number of students we need to serve under the new curriculum in the semester system as compared with what exists in the Department at present for the quarter system.

The intention is to convert the existing Nutrition and Community Health specialization for current students. This specialization will subsequently be deactivated and not be available to students who are not currently in this specialization.

Thank you for your consideration of this program plan. Should you have any questions or need additional information, please do not hesitate to contact me.

Sincerely,



James E. Kinder
Professor and Interim Chair

Department of Human Nutrition Undergraduate Program Rationale

The Department of Human Nutrition offers science-based programs which currently lead to a Bachelor of Science in Nutrition or a Bachelor of Science in Human Ecology with an option in Dietetics, Nutrition in Industry, or Nutrition and Community Health.

This semester conversion Program Request reflects the following changes to the currently offered programs.

1. The Bachelor of Science in Nutrition and the Bachelor of Science in Human Ecology with an option in Dietetics or Nutrition in Industry will now all lead to the Bachelor of Science in Nutrition. The Bachelor of Science in Human Ecology was developed within the former College of Human Ecology which has now merged with the College of Education. The rationale for withdrawing the B.S. in Human Ecology is that the former programs leading to the B.S. in Human Ecology (Consumer Sciences, Human Development and Family Science, and Human Nutrition) no longer share a common core. These three program specializations will share a common core of six required courses offered in the Department of Human Nutrition resulting in 16 semester units.

CORE COURSES:	**Bachelor of Science in Nutrition**
HUMN NTR 2295	Careers in Nutrition (1)
HUMN NTR 2310	Fundamentals of Nutrition (3)
HUMN NTR 2314	Fundamentals of Food (3)
HUMN NTR 3506	Nutrition across the Life Span (3)
HUMN NTR 4609	Macronutrient Metabolism (3)
HUMN NTR 4610	Micronutrient & Phytochemical Metabolism (3)
CORE CREDITS =	16 semester units

The three program specializations are in Nutrition Science, Dietetics, and Nutrition in Industry. The Nutrition Science specialization is designed for students interested in the metabolism and functions of nutrients and other bioactive dietary compounds at the whole body, cellular and molecular levels, and especially in relation to health and disease. The program of study prepares students for admission to medical, veterinary, dental, optometry, or pharmacy schools, or graduate degree programs in nutrition and biomedical sciences

The Dietetics specialization is a Didactic Program in Dietetics (DPD) accredited by the American Dietetic Association. Upon completion of the DPD, students are eligible to apply for a dietetic internship. Completion of a dietetic internship is necessary to become a Registered Dietitian. A major in dietetics prepares students to become Registered Dietitians with many career choices including nutrition education, nutrition counseling & therapy, sports nutrition, and food service management

The Nutrition in Industry specialization is for students interested in careers in nutrition-related businesses and industries. The combination of scientific nutrition courses with a solid core in business related course work prepares students to enter employment fields in the food and nutrition industry. This option utilizes the Business Minor from the Fisher

College of Business. Upon graduation, students are qualified for careers in state and federal agencies that regulate product quality, consumer protection and education, nutrition product development, pharmaceutical sales.

2. The Bachelor of Science in Human Ecology with an option in Nutrition and Community Health has been revised into a joint undergraduate program with the School of Physical Activity and Educational Services (PAES). The new joint program is a specialization in Health, Nutrition and Exercise Sciences. The current Nutrition and Community Health option is for students planning careers related to wellness and health education. Students choose either a minor in Exercise Science or a specialization in Health Education that leads to eligibility to take the Certified Health Education Specialist Examination. The new joint Health, Nutrition and Exercise Sciences Program combines the strengths of courses and faculty expertise from both the Department of Human Nutrition and the School of PAES. Graduates of this program will be qualified for work in public health agencies, corporate wellness, cooperative extension, commodity food organizations, and community development.

3. Most quarter courses offered by the Department of Human Nutrition have been converted to semester equivalents of the quarter course with 5 credit hour course under quarters becoming 3 credit hour courses under semesters.

4. One new course has been added to the list of core courses offered in Human Nutrition. This is the result of a re-envisioning of our Advanced Nutrition course into a two semester sequence of Macronutrient Metabolism and Micronutrient Metabolism.

College of Education and Human Ecology
Department of Human Nutrition
SEMESTER COURSES: Bachelor of Science in Nutrition

Nutrition Sciences Specialization

Course Number and Title	Units
BIOLOGY 1113	4
BIOLOGY 1114	4
CHEM 1210	5
CHEM 1220	5
PSYCH 1101	3
SOCIOL 1101	3
EHE 1100	1
MICROBIO 4000	5
CHEM 2510	4
CHEM 2540	2
CHEM 2520	4
CHEM 2550	2
PHYSIO 3101	3
PHYSIO 3102	3
BIOCHEM 4511	4
HUMN NTR 2295 Careers in Nutrition	1
HUMN NTR 2310 Fund of Nutrition	3
HUMN NTR 2314 Fund of Food	3
HUMN NTR 4410H Nutr Research Methods	3
HUMN NTR 4609 Macronutrient Metabolism	3
HUMN NTR 4610 Micronutrient Metabolism	3
HUMN NTR 3506 Nutrition Across Life Span	3
HUMN NTR 4189 Prof Experience	1-3
ANIM SCI 5070 Nutritional Immunology in Animal Systems	3
ANIM SCI 5530 Comparative Nutrient Metabolism	3

Dietetics Specialization

Course Number and Title	Units
BIOLOGY 1113	4
CHEM 1210	5
CHEM 1220	5
PSYCH 1101	3
SOCIOL 1101	3
EHE 1100	1
MICROBIO 4000	5
EEOB 2520	3
BIOCHEM 4511	4
ANATOMY 3300	5
ALLI MED 2500 Medical Terminology	3
CSHSPMG 2700 Prin of Food Production	3
CSHSPMG 2710 Prin of Food Prod Lab	1
CSHSPMG 3700 Contrl Fd & Bev Costs	3
MED DIET 4900 Nutr Assmnt	3
HUMN NTR 2295 Careers in Nutrition	1
HUMN NTR 2310 Fund of Nutrition	3
HUMN NTR 2314 Fund of Food	3
HUMN NTR 2450 Foodserv Sanitation	1
HUMN NTR 3506 Nutrition Across Life Span	3
HUMN NTR 3704 Pblc Hlth Nutrition	2
HUMN NTR 3313 Food & Culture	2
HUMN NTR 3415 Global Nutrition	2
HUMN NTR 4609 Macronutrient Metabolism	3
HUMN NTR 4610 Micronutrient Metabolism	3
HUMN NTR 5611 Medical Nutr Therapy	3
HUMN NTR 4596 Dietetics Seminar	1
HUMN NTR 4504 Nutr Educ & Behv Chng	3
HUMN NTR 5612 Medical Nutr Therapy 2	3

Nutrition in Industry

Course Number and Title	Units
BIOLOGY 1113	4
BIOLOGY 1114	4
CHEM 1210	5
CHEM 1220	5
PSYCH 1101	3
SOCIOL 1101	3
EHE 1100	1
MICROBIO 4000	5
EEOB 2520	3
BIOCHEM 4511	4
ACCT&MIS 2000	3
BUS MHR 3100	3
BUS FIN 3120	3
BUS ML 3150	3
FDSC&TE 2400 Intro to Food Science	3
FDSC&TE 5310 Food Qual Assurance	3
FDSC&TE 5320 Food Regulations	2
CONSCI 2910 Consumer Problems &Perspectives	3
HUMN NTR 2295 Careers in Nutrition	1
HUMN NTR 2310 Fund of Nutrition	3
HUMN NTR 2314 Fund of Food	3
HUMN NTR 3506 Nutrition Across Life Span	3
HUMN NTR 4609 Macronutrient Metabolism	3
HUMN NTR 4610 Micronutrient Metabolism	3

Nutrition and Community Health

Course Number and Title	Units
BIOLOGY 1113	4
BIOLOGY 1114	4
CHEM 1210	5
CHEM 1220	5
HUMN NTR 2295 Careers in Nutrition	1
HUMN NTR 2310 Fund of Nutrition	3
HUMN NTR 3313 Food Diff Cultures	2
HUMN NTR 3415 Nutr Issues/Controv	2
HUMN NTR 4504 Nutr Ed & Beh Chg	3
HUMN NTR 3506 Nutrition:Life Cycle	3
HUMN NTR 4609 Advanced Nutrition	3
HUMN NTR 5611 Nutr Chronic Dis	3
HUMN NTR 3704 Nutr Community	2
MOLBIOCH 3311	3
MOLBIOCH 3312	3
ANATOMY 3300	5
EEOB 2520	3
PHYSIOCB 3101	3
PHYSIO 3102	3
AGR COMM 3130	3
COMM 1100	3
COMM 2540	3
COMM 2110	3
COMM 2367	3
COMM 2331	3
EDU PAES 1222 Techniques Cardiopulmonary Resuscitation	1
EDU PAES 2360 Kinesiology	4
EDU PAES 3414 Applied Physiology of Exercise	4
EDU PAES 5652 Health Promotion in Workplace	3
EDU PAES 5661.01 Introductory Labs in Exercise Physiology	1
EDU PAES 5685 Adult Exercise Program-Implementation	3
ATH TRNG 5550 Survey of Sports Medicine	3
AGR EDUC Introduction to Agricultural Education	3
AGR EDUC Fundamentals of Leadership	3
AGR EDUC Program Development in Extension	3
AGR EDUC Teaching Agriculture	5
AGR EDUC Instructional Media & Technology	3
AGR EDUC Continuing Education in Agriculture & Extension Educ	3
HDFS 2400 Life Span Human Development	3
EDU PAES 4525 Promot Behavior Change in Sport, Leisure & Exercise	3
EDU PAES 5645 Health Counseling	3
EDU PAES 5635 School Health Services	3
EDU PAES 5636 Teaching of Health	3
EDU PAES 5651 Health Program Planning	3
EDU PAES 5652 Health Promotion in the Workplace	3
EDU PAES 5703 Health Behavior Change in Adulthood	3
EDU PAES 3704 Evaluation of Health Programs	2

Conversion of Human Nutrition Courses-

Dept	Sem #	Semester Title	Sem Hours		Qtr #	Quarter Title, if Different	Qtr Hrs
HUMN NTR	2295	Careers in Nutrition	1	E	295	Nutrition and Dietetic Careers	2
HUMN NTR	2310	Fundamentals in Nutrition	3	E	310	Fundamentals in Human Nutrition	5
HUMN NTR	2314	Fundamentals of Food	3	E	314		5
HUMN NTR	2450	Foodservice Sanitation and Safety	1	E	450		3
HUMN NTR	3313	Food in Different Cultures	2	M	313	Food in Different Cultures	3
HUMN NTR	3415	Global Nutrition Issues	2	M	415	Issues and Controversies in Nutrition	3
HUMN NTR	3506	Nutrition Across the Life Span	3	M	506	Nutrition: The Life Cycle	3
HUMN NTR	3704	Public Health Nutrition	2	M	704	Nutrition Programs and Services in the Community	3
HUMN NTR	4189	Professional Experience in Human Nutrition	1-3	E	589	Professional Experience Internship in Human Nutrition	3-5
HUMN NTR	4504	Nutrition Education and Behavior Change	3	M	504	Nutrition Education	3
HUMN NTR	4596	Dietetics Seminar	1	E	596	Advanced Professional Development	1
HUMN NTR	4609	Macronutrients	3	E	610	Advanced Human Nutrition	5
HUMN NTR	4610	Micronutrients and Phytochemicals	3	N			
HUMN NTR	5611	Medical Nutrition Therapy 1	3	E	611	Nutrition and Chronic Disease	5
HUMN NTR	5612	Medical Nutrition Therapy 2	3	E	612	Medical Nutrition Therapy	5
HUMN NTR	5705	Nutrition and Physical Performance	2	E	705	Nutrition and Exercise	3
HUMN NTR	3780H	Research Methods in Nutrition	1	N			
HUMN NTR	3998H	Undergraduate honors Research in Human Nutrition	5-6	E	699H		0-15

ADVISING SHEET

Bachelor of Science in Nutrition Human Nutrition

THE OHIO STATE UNIVERSITY COLLEGE OF EDUCATION AND HUMAN ECOLOGY

What are the requirements for completion of the Dietetics Specialization?

Minimum Total Hours: 120 Elective Hours: 0-3

GENERAL EDUCATION: 50-54 Hours
Educating students to solve problems; to think critically, logically, scientifically, and creatively; and to be engaged and responsible citizens

WRITING: 6 Hours
- English 1110.01, 1110.02, or 1110.03 ____
- Any 2367 from EHE GE List ____

MATH: 3-7 Hours
- Placement 2 or better or Math 1148 ____
- Next Math course past placement, 1149 or 1150, or other course from Math & Logical Analysis GE list ____

SCIENCE: 14 Hours
- BIOL 1113 ____
- CHEM 1210 ____ and CHEM 1220 ____

ARTS: 3 Hours
From EHE GE List ____

LITERATURE: 3 Hours
From EHE GE List ____

HISTORICAL STUDY: 3 Hours
From EHE GE List ____

Cultures & Ideas or Historical Study: 3 Hours
From EHE GE List ____

DATA ANALYSIS: 3 Hours
From EHE GE List ____

SOCIAL SCIENCE: 6 Hours
PSYCH 1101 ____
SOCIOL 1101 ____

OPEN OPTIONS: 6 Hours
Choose GE approved courses, service learning or study abroad____ ____

SOCIAL DIVERSITY IN THE U.S.: 0 Hours
Psychology 1100 completes requirement- double-count permitted

GLOBAL STUDIES: 0 Hours (2 Courses)
Select Literature, Arts, Historical Study, or Cultures & Ideas with global focus- double-count permitted

MAJOR COURSES: 67 Hours

Complete each course in this box– 67 Hours

EHE 1100- Intro to Edu & Hum Ecol Degree Planning- 1Hr ____
MICROBIOL 4090— Microbiology– 5Hr ____
EEOB 2520– Human Physiology– 3Hr ____
BIOCHEM 4511– Intro Biol Chem– 4Hr ____
ANATOMY 3300– Adv Human Anatomy– 5Hr ____
ALLI MED 2500– Medical Terminology– 3Hr ____
CSHSPMG 3700– Cntrllng Fd & Bev Costs– 3Hr ____
CSHSPMG 3720– Food Service Systems– 3Hr ____
CSHSPMG 3730– Food Service Systems Lab– 1Hr ____
CSHSPMG 4600– Special Events Plan & Mgmnt– 3Hr ____
MED DIET 4900– Nutr Assmnt– 3Hr ____
HUMN NTR 2295– Careers in Nutrition– 1Hr ____
HUMN NTR 2310– Fund of Nutrition– 3Hr ____
HUMN NTR 2314– Fund of Food– 3Hr ____
HUMN NTR 2450– Foodserv Sanitation– 1Hr ____
HUMN NTR 3506– Nutrition Across Life Span– 3Hr ____
HUMN NTR 3704– Pblc Hlth Nutrition– 2Hr ____
HUMN NTR 3313– Food & Culture– 2Hr ____
HUMN NTR 3415– Global Nutrition– 2Hr ____
HUMN NTR 4609– Macronutrient Metabolism– 3Hr ____
HUMN NTR 4610– Micronutrient Metabolism– 3Hr ____
HUMN NTR 5611– Medical Nutrition Therapy– 3Hr ____
HUMN NTR 4596– Dietetics Seminar– 1Hr ____
HUMN NTR 4504– Nutr Educa & Behav Chng– 3Hr ____
HUMN NTR 5612– Medical Nutr Therapy 2– 3Hr ____

SUGGESTED FOUR YEAR PLAN

Autumn First Year	Spring First Year	Autumn Second Year	Spring Second Year	Autumn Third Year	Spring Third Year	Autumn Fourth Year	Spring Fourth Year
CHEM 1210	CHEM 1220	Second Writing	HUMN NTR 2310	MED DIET 4900	BIOCHEM 4511	HUMN NTR 5611	HUMN NTR 5612
MATH 1150	ANTOMY 3300	Data Analysis	EEOB 2520	Historical Study	CSHSPMG 3700	HUMN NTR 4504	HUMN NTR 4596
ENGLISH 1110.01	Literature	BIOLOGY 1113	HUMN NTR 2450	CSHSPMG 3720	HUMN NTR 3506	HUMN NTR 4609	HUMN NTR 4610
Art	PSYCH 1101	ALLI MED 2500	MICROBIO 4090	CSHSPMG 3730	HUMN NTR 3313	Open Option	Open Option
EHE 1100	HUMN NTR 2295	Elective (2)	Cultures&Ideas/Hist	HUMN NTR 2314	HUMN NTR 3415	CSHSPMG 4600	SOCIOL 1101
				HUMN NTR 3704			
Hours: 17	Hours: 17	Hours: 15	Hours: 15	Hours: 15	Hours: 14	Hours: 14	Hours: 13

Creating Your Own Scheduling Plan

Step 1: Access your Degree Audit Report (DARSweb) at "My Student Center" on https://buckeyelink.osu.edu and on the front of this sheet check off the courses that you have completed

Step 2: For remaining requirements, note requisites and terms offered

Step 3: For each term below, project when you expect to complete remaining requirements

Semester: _____	Semester: _____	Semester: _____	Semester: _____	Semester: _____	Semester: _____	Semester: _____	Semester: _____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

Major Courses: Terms offered and prerequisites

EHE 1100– Au, Sp, Su
ANATOMY 3300– Au, Sp, Su
MICROBIOL 4090– Au, Sp. Su
EEOB 2520– Au, Sp, Su; 3 semester hours of a biological science
BIOCHEM 4511-– Au, Sp, Su; CHEM 1220 and CHEM 2510, one semester of biological science
ALLI MED 2500– Au, Sp, Su
CSHSPMG 3720– Au, Sp, Su;
CSHSPMG 3730– Au, Sp, Su;
CSHSPMG 3700– Au, Sp, Su; CSHSPMG 1600, concurrent with CSHSPMG 2700
CSHSPMG 4600– Au, Sp, Su;
MED DIET 4900– Au, Sp, Su; HUMN NTR 2310 and EEOB 2520

HUMN NTR 2295– Au, Sp, Su
HUMN NTR 2310– Au, Sp, Su; BIOLOGY 1113, CHEM 1210, and CHEM 1220
HUMN NTR 2314– Au, Sp, Su; 6 semester hours of chemistry
HUMN NTR 2450– Au, Sp, Su
HUMN NTR 3506– Au, Sp, Su; HUMN NTR 2310
HUMN NTR 3704– Au, Sp, Su; HUMN NTR 2310
HUMN NTR 3313– Au, Sp, Su; HUMN NTR 2310
HUMN NTR 3415– Au, Sp, Su; HUMN NTR 2310
HUMN NTR 4609– Au, Sp, Su; HUMN NTR 2310, BIOCHEM 4511, EEOB 2520
HUMN NTR 4610– Au, Sp, Su; HUMN NTR 4609
HUMN NTR 5611– Au, Sp, Su; HUMN NTR 4610
HUMN NTR 4596– Au, Sp, Su; HUMN NTR 2295 and rank 4
HUMN NTR 4504– Au, Sp, Su; HUMN NTR 2310, and HUMN NTR 3313 or 3415 or 3704
HUMN NTR 5612– Au, Sp, Su; HUMN NTR 5611

Semester curriculum advising sheet **BACHELOR OF SCIENCE IN NUTRITION, Human Nutrition, Dietetics 2012-2013**
Effective for NFQF or Transfer students admitted to the College of Education and Human Ecology SU 12 - SP 13 **Name**

COURSE & NUMBER	HRS	GR	SM/YR	COURSE & NUMBER	HRS	GR	SM/YR
UNIVERSITY REQUIREMENTS (50-54)				**EHE 1100 (1)**	1		
Writing (6)							
English 1110.01 or 1110.03	3			**Foundational Science Requirements (17)**			
Level 2 Writing Course (2367)	3			MICROBIO 4000 (may double-count with 1 Open Option GE)	5		
Literature (3)	3			EEOB 2520	3		
Arts (3)	3			BIOCHEM 4511	4		
Math (3-7)				ANATOMY 2300.04 or equivalent	5		
Math Placement 2 or higher, MATH 1148 or Equiv	0-4						
Next Math course past placement, MATH 1149 or 1150, or other course from university approved Math & Logical Analysis list	3						
				MAJOR REQUIREMENTS (49)			
Data Analysis (3)	3			ALLI MED 2500 Medical Terminology	3		
				CSHSPMG 3700 Contrl Fd & Bev Costs	3		
[1]Natural Sciences (14)				CSHSPMG 2700 Food Service Systems	3		
BIOLOGY 1113	4			CSHSPMG 2710 Food Service Systems Lab	1		
CHEM 1210 and 1220	10			MED DIET 4900 Nutr Assmnt	3		
				HUMN NTR 2295 Careers in Nutrition	1		
Historical Study (3)	3			HUMN NTR 2310 Fund of Nutrition	3		
Social Sciences (6)				HUMN NTR 2314 Fund of Food	3		
PSYCH 1101	3			HUMN NTR 2450 Foodserv Sanitation	1		
SOCIOL 1101	3			HUMN NTR 3506 Nutrition Across Life Span	3		
Cultures & Ideas or Historical Study (3)	3			HUMN NTR 3704 Pblc Hlth Nutrition	2		
Open Option (6)				HUMN NTR 3313 Food & Culture	2		
Choice	3			HUMN NTR 3415 Global Nutrition	2		
Choice	3			HUMN NTR 4609 Macronutrient Metabolism	3		
				HUMN NTR 4610 Micronutrient Metabolism	3		
				HUMN NTR 5611 Medical Nutr Therapy	3		
				HUMN NTR 4596 Dietetics Seminar	1		
				HUMN NTR 4504 Nutr Educ & Behv Chng	3		
				HUMN NTR 5612 Medical Nutr Therapy 2	3		
Electives (0-3)				**CREDIT HRS REQUIRED**	120		

Students must complete one Social Diversity in the US course, which is typically met by selecting a 2367 or Social Science course that meets this requirement.
Students must complete two Global Issues courses, which are typically met by selecting Literature, Art, Cultures & Ideas, or Historical Study courses that meet this requirement.

ADVISING SHEET

Bachelor of Science in Nutrition Human Nutrition

THE OHIO STATE UNIVERSITY COLLEGE OF EDUCATION AND HUMAN ECOLOGY

What are the requirements for completion of the Nutrition in Industry Specialization?

Minimum Total Hours: 120 Elective Hours: 7-11

GENERAL EDUCATION: 57-61 Hours
Educating students to solve problems; to think critically, logically, scientifically, and creatively; and to be engaged and responsible citizens

WRITING: 6 Hours
- English 1110.01, 1110.02, or 1110.03 ____
- Any 2367 from EHE GE List ____

MATH: 5-9 Hours
- Placement 2 or better or Math 1130 ____
- Math 1131

SCIENCE: 18 Hours
- BIOL 1113 ____ and BIOL 1114
- CHEM 1210 ____ and CHEM 1220 ____

ARTS: 3 Hours
From EHE GE List ____

LITERATURE: 3 Hours
From EHE GE List ____

HISTORICAL STUDY: 3 Hours
From EHE GE List ____

Cultures & Ideas or Historical Study: 3 Hours
From EHE GE List ____

DATA ANALYSIS: 4 Hours
STAT 1430 ____

SOCIAL SCIENCE: 6 Hours
PSYCH 1101 ____
ECON 2001.01 ____

OPEN OPTIONS: 6 Hours
Choose GE approved courses, service learning or study abroad____ ____ (SOCIOL 1101 recommended)

SOCIAL DIVERSITY IN THE U.S.: 0 Hours
Psychology 1100 completes requirement- double-count permitted

GLOBAL STUDIES: 0 Hours (2 Courses)
Select Literature, Arts, Historical Study, or Cultures & Ideas with global focus- double-count permitted

MAJOR COURSES: 52 Hours

Complete each course in this box– 52 Hours

EHE 1100- Intro to Edu & Hum Ecol Degree Planning- 1Hr ____
MICROBIOL 4090— Microbiology– 5Hr ____
EEOB 2520– Human Physiology– 3Hr ____
BIOCHEM 4511– Intro Biol Chem– 4Hr ____
ACCT&MIS 2000– Found of Accnting– 3Hr ____
BUS MHR 3100– Found of Mngmnt & Hmn Resources– 3Hr ____
BUS FIN 3120– Found of Finance– 3Hr ____
BUS ML 3150– Mrktng Mngmnt– 3Hr ____

CONSCI 2910– Cnsmr Prblms & Prspctves– 3Hr ____
FDSC&TE 2400– Intro to Fd Sci– 3Hr ____
FDSC&TE 5310- Fd Quality Assurance– 3Hr ____
FDSC&TE 5320– Food Regulations- 32Hr ____

HUMN NTR 2295– Careers in Nutrition– 1Hr ____
HUMN NTR 2310– Fund of Nutrition– 3Hr ____
HUMN NTR 2314– Fund of Food– 3Hr ____
HUMN NTR 3506– Nutrition Across Life Span– 3Hr ____
HUMN NTR 4609– Macronutrient Metabolism– 3Hr ____
HUMN NTR 4610– Micronutrient Metabolism– 3Hr ____

SUGGESTED FOUR YEAR PLAN

Autumn First Year	Spring First Year	Autumn Second Year	Spring Second Year	Autumn Third Year	Spring Third Year	Autumn Fourth Year	Spring Fourth Year
CHEM 1210	CHEM 1220	Second Writing	HUMN NTR 2310	MICROBIO 4090	BIOCHEM 4511	HUMN NTR 4609	FDSC&TE 5320
MATH 1131	CON SCI 2910	STAT 1430	BIOLOGY 1114	Historical Study	ACCT&MIS 2000	Open Option	HUMN NTR 4610
ENGLISH 1110.01	Literature	BIOLOGY 1113	Cultures&Ideas/Hist	EEOB 2520	HUMN NTR 2314	FDSC&TE 5310	Open Option
Art	ECON 2001.01	FDSC&TE 2400	PSYCH 1101	BUS MHR 3100	HUMN NTR 3506	BUS FIN 3120	Elective (3)
EHE 1100	HUMN NTR 2295		BUS ML 3150		Elective (3)	Elective (3)	Elective (2)
Hours: 17	Hours: 15	Hours: 14	Hours: 16	Hours: 14	Hours: 16	Hours: 15	Hours: 13

Creating Your Own Scheduling Plan

Step 1: Access your Degree Audit Report (DARSweb) at "My Student Center" on https://buckeyelink.osu.edu and on the front of this sheet check off the courses that you have completed

Step 2: For remaining requirements, note requisites and terms offered

Step 3: For each term below, project when you expect to complete remaining requirements

Semester: _____	Semester: _____	Semester: _____	Semester: _____	Semester: _____	Semester: _____	Semester: _____	Semester: _____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

Major Courses: Terms offered and prerequisites

EHE 1100– Au, Sp, Su
MICROBIOL 4090– Au, Sp. Su
EEOB 2520– Au, Sp, Su; 3 semester hours of a biological science
BIOCHEM 4511-– Au, Sp, Su; CHEM 1220 and CHEM 2510, one semester of biological science
ACCT&MIS 2000– Au, Sp, Su
BUS MHR 3100– Au, Sp, Su; ECON 2001.01, and CS&E 1111
BUS FIN 3120– Au, Sp, Su; ACCT&MIS 2000, MATH 1130, ECON 2001.01, and CS&E 1111
BUS ML 3150– Au, Sp, Su; ECON 2001.01
CONSCI 2910– Au, Sp, Su
FDSC&TE 2400– Au, Sp, Su; BIOL 1113 and CHEM 1210
FDSC&TE 5310– Au, Sp, Su; FDSC&TE 2400, and STAT 1450 or equiv
FDSC&TE 5320– Au, Sp, Su; FDSC&TE 2400
HUMN NTR 2295– Au, Sp, Su
HUMN NTR 2310– Au, Sp, Su; BIOLOGY 1113, CHEM 1210, and CHEM 1220
HUMN NTR 2314– Au, Sp, Su; 6 semester hours of chemistry
HUMN NTR 3506– Au, Sp, Su; HUMN NTR 2310
HUMN NTR 4609– Au, Sp, Su; HUMN NTR 2310, BIOCHEM 4511, EEOB 2520
HUMN NTR 4610– Au, Sp, Su; HUMN NTR 4609

Semester curriculum advising sheet **BACHELOR OF SCIENCE IN NUTRITION, Human Nutrition, Nutrition in Industry 2012-2013**
Effective for NFQF or Transfer students admitted to the College of Education and Human Ecology SU 12 - SP 13 **Name**

COURSE & NUMBER	HRS	GR	SM/YR	COURSE & NUMBER	HRS	GR	SM/YR
UNIVERSITY REQUIREMENTS (57-61)				**EHE 1100 (1)**	1		
Writing (6)							
English 1110.01 or 1110.03	3			**Foundational Science Requirements (12)**			
Level 2 Writing Course (2367)	3			MICROBIO 4000 (may double-count with 1 Open Option GE)	5		
Literature (3)	3			EEOB 2520	3		
Arts (3)	3			BIOCHEM 4511	4		
Math (5-9)							
Math Placement 2 or higher, MATH 1130 or Equiv	0-4						
MATH 1131	5						
				MAJOR REQUIREMENTS (39)			
Data Analysis (4) STAT 1430	4			ACCT&MIS 2000	3		
				BUS MHR 3100	3		
[1]Natural Sciences (18)				BUS FIN 3120	3		
BIOLOGY 1113 and 1114	8			BUS ML 3150	3		
CHEM 1210 and 1220	10			FDSC&TE 2400 Intro to Food Science	3		
				FDSC&TE 5310 Food Qual Assurance	3		
Historical Study (3)	3			FDSC&TE 5320 Food Regulations	2		
Social Sciences (6)				CONSCI 2910 Consumer Problems &Perspectives	3		
PSYCH 1100	3			HUMN NTR 2295 Careers in Nutrition	1		
ECON 2001.01	3			HUMN NTR 2310 Fund of Nutrition	3		
Cultures & Ideas or Historical Study (3)	3			HUMN NTR 2314 Fund of Food	3		
Open Option (6)				HUMN NTR 3506 Nutrition Across Life Span	3		
Choice (SOCIOL 1101)	3			HUMN NTR 4609 Macronutrient Metabolism	3		
Choice	3			HUMN NTR 4610 Micronutrient Metabolism	3		
Electives (7-11)				**CREDIT HRS REQUIRED**	120		

Students must complete one Social Diversity in the US course, which is typically met by selecting a 2367 or Social Science course that meets this requirement.
Students must complete two Global Issues courses, which are typically met by selecting Literature, Art, Cultures & Ideas, or Historical Study courses that meet this requirement.

ADVISING SHEET

Bachelor of Science in Nutrition Human Nutrition

THE OHIO STATE UNIVERSITY COLLEGE OF EDUCATION AND HUMAN ECOLOGY

What are the requirements for completion of the Nutrition Sciences Specialization?

GENERAL EDUCATION: 56-58 Hours
Educating students to solve problems; to think critically, logically, scientifically, and creatively; and to be engaged and responsible citizens

WRITING: 6 Hours
- English 1110.01, 1110.02, or 1110.03 ____
- Any 2367 from EHE GE List ____

MATH: 5-7 Hours
- Placement 2 or better or Math 1148 ____
- MATH 1149 or 1150 ____

SCIENCE: 18 Hours
- BIOL 1113 ____ and BIOL 1114
- CHEM 1210 ____ and CHEM 1220 ____

ARTS: 3 Hours
From EHE GE List ____

LITERATURE: 3 Hours
From EHE GE List ____

HISTORICAL STUDY: 3 Hours
From EHE GE List ____

Cultures & Ideas or Historical Study: 3 Hours
From EHE GE List ____

DATA ANALYSIS: 4 Hours
From EHE GE List ____

SOCIAL SCIENCE: 6 Hours
PSYCH 1101 ____
SOCIOL 1101 ____

OPEN OPTIONS: 6 Hours
Choose GE approved courses, service learning or study abroad____ ____

SOCIAL DIVERSITY IN THE U.S.: 0 Hours
Psychology 1100 completes requirement- double-count permitted

GLOBAL STUDIES: 0 Hours (2 Courses)
Select Literature, Arts, Historical Study, or Cultures & Ideas with global focus- double-count permitted

Minimum Total Hours: 120 Elective Hours: 10-14

MAJOR COURSES: 50 Hours

Complete each course in this box– 50 Hours

EHE 1100- Intro to Edu & Hum Ecol Degree Planning- 1Hr ____
MICROBIOL 4090— Microbiology– 5Hr ____
CHEM 2510– Organic Chemistry– 4Hr ____
CHEM 2540– Organic Chemistry Lab– 2Hr ____
CHEM 2520– Organic Chemistry II– 4Hr ____
CHEM 2550– Organic Chemistry II Lab– 2Hr ____
PHYSIO 3101– Prin of Hmn Physlgy I– 3Hr ____
PHYSIO 3102– Prin of Hmn Physlgy II– 3Hr ____
BIOCHEM 4511- Intro to Biochem– 4Hr ____
HUMN NTR 2295– Careers in Nutrition– 1Hr ____
HUMN NTR 2310– Fund of Nutrition– 3Hr ____
HUMN NTR 2314– Fund of Food– 3Hr ____
HUMN NTR 4410H Nutr Research Methods– 2Hr ____
HUMN NTR 3506– Nutrition Across Life Span– 3Hr ____
HUMN NTR 4609– Macronutrient Metabolism– 3Hr ____
HUMN NTR 4610– Micronutrient Metabolism– 3Hr ____
HUMN NTR 4189– Prof Experience– 1-3Hr ____
ANIMSCI 5070 Im An Sci or ANIM SCI 5530 Com Nut Met– 3Hr ____

SUGGESTED FOUR YEAR PLAN

Autumn First Year	Spring First Year	Autumn Second Year	Spring Second Year	Autumn Third Year	Spring Third Year	Autumn Fourth Year	Spring Fourth Year
CHEM 1210	CHEM 1220	Second Writing	CHEM 2520	PHYSIO 3101	HUMN NTR 3506	HUMN NTR 4609	HUMN NTR 4610
MATH 1150	BIOL 1113	CHEM 2510	CHEM 2550	BIOCHEM 4511	PHYSIO 3102	Open Option	Open Option
ENGLISH 1110.01	Literature	CHEM 2540	MICROBIO 4090	HUMN NTR 2314	SOCIOL 1101	HUMN NTR 4410H	HUMN NTR 4189
Art	HUMN NTR 2295	BIOLOGY 1114	Cultures&Ideas/Hist	Elective (3)	Data Analysis	ANIM SCI 5070	Historical Study
EHE 1100	PSYCH 1101	HUMN NTR 2310		Elective (2)	Elective (3)	Elective (3)	Elective (3)
Hours: 17	Hours: 16	Hours: 16	Hours: 14	Hours: 15	Hours: 15	Hours: 14	Hours: 13

Creating Your Own Scheduling Plan

Step 1: Access your Degree Audit Report (DARSweb) at "My Student Center" on https://buckeyelink.osu.edu and on the front of this sheet check off the courses that you have completed

Step 2: For remaining requirements, note requisites and terms offered

Step 3: For each term below, project when you expect to complete remaining requirements

Semester: _____	Semester: _____	Semester: _____	Semester: _____	Semester: _____	Semester: _____	Semester: _____	Semester: _____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

Major Courses: Terms offered and prerequisites

EHE 1100– Au, Sp, Su
MICROBIOL 4090– Au, Sp. Su
BIOCHEM 4511-– Au, Sp, Su; CHEM 1220 and CHEM 2510, one semester of biological science
CHEM 2510– Au, Sp, Su; CHEM 1220
CHEM 2540– Au, Sp, Su; CHEM 1220 and concurrent with CHEM 2510
CHEM 2520– Au, Sp, Su; CHEM 2510
CHEM 2550– Au, Sp, Su; CHEM 2510 and concurrent with CHEM 2520
PHYSIO 3101– Au, Sp, Su; Two semesters of chemistry
PHYSIO 3102– Au, Sp, Su; PHYSIO 3101
BIOCHEM 4511– Au, Sp, Su; CHEM 1122, CHEM 2520, and one Biological Science

HUMN NTR 2295– Au, Sp, Su
HUMN NTR 2310– Au, Sp, Su; BIOLOGY 1113, CHEM 1210, and CHEM 1220
HUMN NTR 2314– Au, Sp, Su; 6 semester hours of chemistry
HUMN NTR 3506– Au, Sp, Su; HUMN NTR 2310
HUMN NTR 4609– Au, Sp, Su; HUMN NTR 2310, BIOCHEM 4511, EEOB 2520
HUMN NTR 4610– Au, Sp, Su; HUMN NTR 4609
HUMN NTR 4189– Au, Sp, Su; Rank 3 or higher and HUMN NTR major
ANIM SCI 5070– Au, Sp, Su;
ANIM SCI 5530– Au, Sp, Su; HUMN NTR 2310 and BIOCHEM 4511

Semester curriculum advising sheet

BACHELOR OF SCIENCE IN NUTRITION, Human Nutrition, Nutrition Sciences 2012-2013

Effective for NFQF or Transfer students admitted to the College of Education and Human Ecology SU 12 - SP 13

Name _____

COURSE & NUMBER	HRS	GR	SM/YR	COURSE & NUMBER	HRS	GR	SM/YR
UNIVERSITY REQUIREMENTS (56-58)				**EHE 1100 (1)**	1		
Writing (6)							
English 1110.01 or 1110.03	3			**Foundational Science Requirements (27)**			
Level 2 Writing Course (2367)	3			MICROBIO 4000 (may double-count with 1 Open Option GE)	5		
Literature (3)	3			CHEM 2510	4		
Arts (3)	3			CHEM 2540	2		
Math (5-7)				CHEM 2520	4		
Math Placement 2 or higher, MATH 1148 or Equiv	0-4			CHEM 2550	2		
MATH 1149 or 1150	3-5			PHYSIO 3101	3		
Data Analysis (3)	3			PHYSIO 3102	3		
				BIOCHEM 4511	4		
[1]Natural Sciences (18)							
BIOLOGY 1113 and 1114	8			**MAJOR REQUIREMENTS (22-24)**			
CHEM 1210 and 1220	10			HUMN NTR 2295 Careers in Nutrition	1		
				HUMN NTR 2310 Fund of Nutrition	3		
Historical Study (3)	3			HUMN NTR 2314 Fund of Food	3		
Social Sciences (6)				HUMN NTR 4410H Nutr Research Methods	2		
PSYCH 1100	3			HUMN NTR 4609 Macronutrient Metabolism	3		
SOCIOL 1101	3			HUMN NTR 4610 Micronutrient Metabolism	3		
Cultures & Ideas or Historical Study (3)	3			HUMN NTR 3506 Nutrition Across Life Span	3		
Open Option (6)				HUMN NTR 4189 Prof Experience	1-3		
Choice	3			ANIM SCI 5070 Nutr Immun in Anim Sci OR ANIM SCI 5530 Comparative Nutrient Metabolism	3		
Choice	3						
				Suggested Electives			
				PHYSICS 1200 (may double-count with 1 Open Option GE)	5		
				PHYSICS 1201	5		
Electives (10-14)				**CREDIT HRS REQUIRED**	120		

Students must complete one Social Diversity in the US course, which is typically met by selecting a 2367 or Social Science course that meets this requirement.

Students must complete two Global Issues courses, which are typically met by selecting Literature, Art, Cultures & Ideas, or Historical Study courses that meet this requirement.

GEC

HUMAN NUTRITION MAJOR
NUTRITION AND COMMUNITY HEALTH OPTION 2011-2012

(EFFECTIVE FOR NFQF & NEW TRANSFER STUDENTS ADMITTED TO EDUCATION & HUMAN ECOLOGY SUMMER 2011–SPRING 2012)[2]

Name_____Adviser_____

COURSE & NUMBER	HRS	GR	YR	COURSE & NUMBER	HRS	GR	YR
UNIVERSITY REQUIREMENTS	**(75-81) [xx-xx]**			**MAJOR REQUIREMENTS** (C- or better required in HUMN NTR courses)	**(32) [22]**		
WRITING & RELATED	**(10)[6]**			HUMN NTR 295 [2295] Careers in Nutrition	2 [1]		
ENGLISH 110.01[1110.01] OR 110.02[1110.02] OR 110.03[1110.03]	5 [3]			HUMN NTR 310 [2310] Fund of Nutrition	5 [3]		
				HUMN NTR 313 [3313] Food Diff Cultures	3 [2]		
[1]LEVEL 2 WRITING COURSE 367[2367]	5 [3]			HUMN NTR 415 [3415] Nutr Issues/Controv	3 [2]		
				HUMN NTR 504 [4504] Nutr Ed & Beh Chg	3 [3]		
QUANTITATIVE & LOGICAL	**(9-15)[6-10]**			HUMN NTR 506 [3506] Nutrition:Life Cycle	3 [3]		
MATH 116 [1116] OR 130 [1130] OR 148 [1148] OR LEVEL M [x] (0)	5 [3-4]			HUMN NTR 610 [4609] Advanced Nutrition	5 [3]		
	0 [0]			HUMN NTR 611 [5611] Nutr Chronic Dis	5 [3]		
CS&E 101 OR 200	4-5[3]			HUMN NTR 704 [3704] Nutr Community	3 [2]		
STAT 135 OR 145 OR AG ECON 205 OR AG ED 387	5 [3]						
				SUPPORTING COURSES	**(20-25) [12-15]**		
NATURAL SCIENCE	**(20)**			MOLBIOCH 311 [3311]	5[3]		
CHEM 101 OR 121 [1210]	5[4]			MOLBIOCH 312 [3311]	5[3]		
CHEM 102 OR 122 [1220]	5[4]			ANATOMY 199.04[2300.04] OR EEOB 235	5[3]		
BIOL 113 [1113]	5 [4]						
MICRO 509 [4090]	5[4]			EEOB 232[2520] OR	5[3]		
				PHYSIOCB 311 [3101] AND 312 [3102]	10 [6]		
SOCIAL SCIENCE (Choose from at least 2 of the 3 categories)	**(15)[9]**			**COMMUNICATION COURSES** (Choose at least 2 courses from this list)	**(10)[18]**		
[1]INDIVIDUALS/GROUPS (HDFS 2400)	5[3]			AGR COMM 390 [3130]	5[3]		
[1]ORGANIZATIONS/POLITIES	5[3]			COMM 200 []	5[3]		
[1]HUMAN RESOURCES	5[3]			COMM 240 [xxxx]	5[3]		
				COMM 321 [xxxx]	5[3]		
ARTS & HUMANITIES	**(20)[12]**			COMM 367 [xxxx]	5[3]		
[1]LITERATURE	5[3]			COMM 431 [xxxx]	**5[3]**		
[1]VISUAL/PERFORMING ARTS	5[3]						
[1]HISTORICAL SURVEY	5[3]			**OPTION REQUIREMENTS** Choose 24[xx] credits from area I or II listed on back OR choose a minimum of 24[xx] credits from a combination of the 2 areas.	**(24-25) [xx-xx]**		
[1]HISTORICAL SURVEY	5[3]						
HEC 100 [EHE 1100]	1[1]						
ELECTIVES (Suggested electives on back)	**(8-20)[x-xx]**						
				MINIMUM CR HRS REQUIRED	**181 [129-131]**		

[1]From EHE-GEC list. Two diversity courses are required. Take one with an asterisk and one with a cross, OR two with an asterisk.

[2][semester course numeration or semester credit hour designation in brackets]

If you were admitted to Ohio State prior to SU07 you need to complete the 191 Credit Hour Program Sheet.

HUMAN NUTRITION MAJOR
NUTRITION AND COMMUNITY HEALTH OPTION

Option Professional Specialization Areas: Choose a minimum of 24 credits from one of the 2 following areas of specialization or choose a minimum of 24 credits from a combination of the 2 areas. To declare a minor, make an appointment in person in Campbell Hall 201.

I Exercise Science Area (Minor 24 Credits) **[1]Indicates courses in Exercise Science Minor**

EDU PAES 122[1] [1222]	Techniques Cardiopulmonary Resuscitation	1
EDU PAES 360[1] & 361[1] [2360]	Kinesiology	3/1[4]
EDU PAES 414[1] & 415[1] [3414]	Applied Physiology of Exercise	3/1[4]
EDU PAES 514[1] & 515[1] [3414]	Applied Physiology of Exercise	3/1[4]
EDU PAES 652[1] [5652]	Health Promotion in Workplace	3[3]
EDU PAES 660.01[1] [5661.01]	Introductory Labs in Exercise Physiology	1
EDU PAES 685[1] [5685]	Adult Exercise Program-Implementation	3
ATH TRNG 661[1][5550]	Survey of Sports Medicine	4

II Nutrition & Community Health Education Area

[2]Indicates courses in Agricultural Education Minor (24 Credits)

[3]Completion of these courses within the Nutrition & Community Health option MAY qualify for eligibility to sit for the Certified Health Education Specialist (CHES) exam administered by the National Commission for Health Education Credentialing (www.nchec.org).

AGR EDUC 230[2] [3414]	Introduction to Agricultural Education	3
AGR EDUC 342[2] [3414]	Fundamentals of Leadership	3
AGR EDUC 420[2] [3414]	Program Development in Extension	3
AGR EDUC 530.01[2] [3414]	Teaching Agriculture	5
AGR EDUC 532[2] [3414]	Instructional Media & Technology	3
AGR EDUC 622[2] [3414]	Continuing Education in Agriculture & Extension Educ	3
HDFS 364[2] [3414]	Life Span Human Development	5
EDU PAES 525 [4525]	Promot Behavior Change in Sport, Leisure & Exercise	3[3]
EDU PAES 605[3] [3414]	Health Counseling	3
EDU PAES 635 [3414]	School Health Services	3
EDU PAES 636[3] [3414]	Teaching of Health	3
EDU PAES 637[3] [3414]	Health Agencies	3
EDU PAES 651[3] [5651]	Health Program Planning	3[3]
EDU PAES 652[3] [5652]	Health Promotion in the Workplace	3[3]
EDU PAES 703[3] [5703]	Health Behavior Change in Adulthood	3[3]
EDU PAES 704[3] [3704]	Evaluation of Health Programs	3[2]

Professional Specialization (minimum of 24 credits)				COURSE	HRS	GR	QT/YR
COURSE	**HRS**	**GR**	**QT/YR**				

GEC

HUMAN NUTRITION MAJOR
DIETETICS OPTION 2010-2011

(EFFECTIVE FOR NFQF & NEW TRANSFER STUDENTS ADMITTED TO EDUCATION & HUMAN ECOLOGY SUMMER 2010– SPRING 2011)

Name_____Adviser_____

COURSE & NUMBER	HRS	GR	QT/YR	COURSE & NUMBER	HRS	GR	QT/YR
UNIVERSITY REQUIREMENTS	**(80-86)**			**MAJOR REQUIREMENTS (C- or better required in HUMN NTR courses)**	**(57)**		
WRITING & RELATED	**(10)**			HUMN NTR 295	2		
ENGLISH 110.01 OR 110.02 OR 110.03	5			HUMN NTR 310 Fundamentals of Nutrition	5		
[1,2]LEVEL 2 WRITING COURSE	5			HUMN NTR 313 Food in Different Cultures	3		
				HUMN NTR 314 Fundamentals of Food	5		
QUANTITATIVE & LOGICAL	**(9-15)**			HOSP MGT 350.02 Principles Food Production	4		
MATH 116 OR 130 OR 148 OR LEVEL M	0-5			HOSP MGT 370 Cost Mgmt & Menu Planning	5		
CS&E 101 OR 200	4-5			HUMN NTR 415 Nutr Issues & Controversies	3		
[1]DATA ANALYSIS	5			HUMN NTR 450 Foodservice Sanita & Safety	3		
				HUMN NTR 504 Nutrition Education	3		
NATURAL SCIENCE	**(20)**			HUMN NTR 506 Nutrition: Life Cycle	3		
CHEM 101 OR 121 (SEE BACK)	5			HUMN NTR 596 Advanced Profess Develop	1		
CHEM 102 OR 122	5			[3]HUMN NTR 610 Advanced Nutrition	5		
BIOL 113	5			MED DIET 546 Phys & Nutr Assessment	2		
MICRO 509	5			HUMN NTR 611 Nutrition & Chronic Disease	5		
				HUMN NTR 612 Medical Nutrition Therapy	5		
SOCIAL SCIENCE	**(20)**			HUMN NTR 704 Nutrition in Community	3		
PSYCH 100	5						
POLIT SCI 101	5						
ECON 200	5			**SUPPORTING COURSES**	**(28-35)**		
• SOCIOL 101 OR RURL SOC 105	5			BIOCHEM 511[4] OR	5-10		
				MOLBIOCH 311 AND 312[5]			
ARTS & HUMANITIES	**(20)**			CHEM 231[5]	0-3		
[1]LITERATURE	5			CHEM 245[5]	0-2		
[1]VISUAL/PERF.ARTS	5			ANAT 199.04 OR EEOB 235	5		
[1]HISTORICAL SURVEY	5			EEOB 232 OR PHYSIOCB 311 & 312	5-10		
[1]HISTORICAL SURVEY	5			BUS MHR 660 OR 701	4-5		
				COMM 200 OR 321 OR 367[2] OR AGR COM 390	4-5		
HEC 100	1						
ELECTIVES	**(3-16)**						
				MINIMUM CR HRS REQUIRED	**181**		

[1]From HEC-GEC list. Three diversity courses are required which may be met through other requirements. Take one with a bullet (•), one with a star, and one with a diamond; or one with a bullet and two with stars. **If you were admitted to Ohio State prior to SU07 you need to complete the 191 Credit Hour Program Sheet.**

[2]COMM 367 cannot count for both 2nd level writing and communication course

[3]3 rdlevel writing course in major

[4]Requires Chem 123

[5]Chem 231 & 245 not required if MOLBIOCH 311/312 are completed. BIOCHEM 511 & CHEM 231/245 recommended for graduate school

HUMAN NUTRITION
DIETETICS OPTION

Dietetics majors have career opportunities in the management of all aspects of food service for large groups of people as well as in the education and counseling of families and individuals concerning food and nutrition needs. Career opportunities exist in hospitals, school food service, restaurants, community health agencies, industrial plants, and many other food and health service organizations. Students apply for post bachelor's degree internships during their final year. Students who have been successful obtaining internships have had 3.0 cphr, work experience, and leadership qualities.

Department courses in the dietetics program include basic and advanced nutrition, basic and cultural food, quantity food purchasing and production, food service management, and nutritional therapy. Supporting courses include economics, business administration, psychology, mathematics, statistics, computer science, and electives selected with the approval of the major adviser.

SCHEDULING PRIORITIES

FRESHMAN YEAR

1. If testing requires completion of any or all of the following courses, credit will not count toward graduation: English 060, Math 050, Math 075.
2. MATH 116,130, OR 148 may be scheduled any quarter. Must be completed before CHEM 101 OR 121.
3. NATURAL SCIENCE. CHEM 101 OR 121 AND 102 OR 122.*
4. ENGLISH 110.01 OR 110.02 OR 110.03.
5. HEC 100.
6. NATURAL SCIENCE. Biology 113 should be scheduled the quarter Chemistry is not taken. CHEM 101 OR 121 is prerequisite.
7. PSYCH 100
8. SOCIAL SCIENCE. Select SOCIOL 101 OR RURAL SOC 105 or POLIT SCI 101 to fulfill requirements
9. HUMANITIES. Select from GEC list
10. HUMN NTR 295

SOPHOMORE YEAR

1. FRESHMAN PRIORITIES 1 through 10 if not already completed.
2 SOCIAL SCIENCE. Select to complete requirements.
3. HUMANITIES. Select to complete requirements.
4. ANAT 199.04 may be scheduled Wi quarter or EEOB 235.
5. EEOB 232.
6. HUMN NTR 310. Prerequisite is 5 cr hrs of biological science and 10 hrs of Chemistry
7. CS&E 101 or 200 may be scheduled any quarter.
8. STAT 135 may be scheduled any quarter.
9. HUMN NTR 314 only Wi Qtr Scheduled prior to 350 if possible
10. HOSP MGT 350..02
11. HUMN NTR 313

JUNIOR YEAR

1. SOPHOMORE priorities if not already completed.
2. BIOCHEM 511 OR MOLBIOCH 311 AND 312.
3. CHEM 231, 245. (CHEM 231 only Spring Quarter).
4. HOSP MGT 370
5. HUMN NTR 506 (AU) Prerequisite 310.
6 HUMN NTR 504. (WI)
7. HUMN NTR 704. Prerequisite 504, 506 (SP)

SENIOR YEAR

1. HUMN NTR 415
2. HUMN NTR 610. (AU) Prerequisites are HUMN NTR 310, BIOCHEM 511 (Prerequisite is CHEM 123) OR MOLBIOCH 311 & 312. (no exceptions!)
3. HUMN NTR 596 (AU)
4.. MED DIET 546 (AU)
5. HUMN NTR 611 (WI) and 612 (SP) Prerequisite HUMN NTR 610.
6. HUMN NTR 450 (WI)
7. Electives

*** Recommended Chemistry tracks: (1) CHEM 101 AND 102, MOLBIOCH 311 AND 312**
(2) CHEM 121, 122, 123, 231, and 245, BIOCH 511.
Track 2 is recommended for those intending to pursue graduate study.

GEC

HUMAN NUTRITION MAJOR
NUTRITION IN INDUSTRY OPTION 2010-2011

(EFFECTIVE FOR NFQF & NEW TRANSFER STUDENTS ADMITTED TO EDUCATION & HUMAN ECOLOGY SUMMER 2010–SPRING 2011)

Name_____Adviser_____

COURSE & NUMBER	HRS	GR	QT/YR	COURSE & NUMBER	HRS	GR	QT/YR
UNIVERSITY REQUIREMENTS	**(74-80)**			**MAJOR REQUIREMENTS** (C- or better required in HUMN NTR courses)	**(38)**		
WRITING & RELATED	**(10)**			HUMN NTR 295	2		
ENGLISH 110.01 OR 110.02 OR 110.03	5			HUMN NTR 310 Fundamentals of Nutrition	5		
[1]LEVEL 2 WRITING COURSE	5			HUMN NTR 313 Food in Different Cultures	3		
				HUMN NTR 415 Nutr Issues & Controvers	3		
QUANTIT & LOGICAL	**(8-14)**			HUMN NTR 450 Foodservice Sanitation	3		
MATH 130 OR 148 OR LEVEL M (0)	0-4			HUMN NTR 504 Nutrition Education	3		
CS&E 101 OR 200	4-5			HUMN NTR 506 Nutrition: The Life Cycle	3		
STAT 133 OR 135 OR 145 OR AED ECON 205	4-5			HUMN NTR 610 Adv Human Nutrition	5		
NATURAL SCIENCE	**(20)**			HUMN NTR 611 Nutrition Chronic Disease	5		
CHEM 101	5			FD SC & TE 401 Intro to Food Processing	3		
CHEM 102	5			FD SC & TE 640 Food Regulations	3		
BIOL 113	5						
MICRO 509	5			**SUPPORTING COURSES**	**(50-56)**		
				ECON 200	5		
SOCIAL SCIENCE	**(15)**			ACCT 310[2] Accounting	5		
PSYCH 100	5			BUS MHR 400[2] Mgmt Human Resources	4		
POLIT SCI 101	5			BUS FIN 420[2] Finance	4		
• SOCIOL 101 OR RURL SOC 105 OR HDFS 364	5			BUS MGT 430[2] Operations Mgmt	4		
				BUS M & L 450[2] Marketing	4		
				CSCFMFNS 243 OR AED ECON 553	4-5		
ARTS & HUMANITIES	**(20)**			COMM 321 OR 367 OR AGR COM 390	5		
[1]LITERATURE	5			MOL BIOCH 311	5		
[1]VISUAL/PERF.ARTS	5			MOL BIOCH 312	5		
[1]HISTORICAL SURVEY	5			EEOB 232 OR PHYSIOCB 311 & 312	5-10		
[1]HISTORICAL SURVEY	5						
				OPTION REQUIREMENTS (CHOOSE 3)	**(9-15)**		
HEC 100	1			ANAT 199 or EEOB 235	5		
				HUMN NTR 612 Medical Nutrition Therapy	5		
ELECTIVES	**(0-10)**			HUMN NTR 705: Nutrition & Exercise	3		
				MED DIET 647: Supplements & Herbs	3		
				FRM 443: Solutions Consumer Problems	5		
				FRM 543: Consumer Decision Making	5		
				PHARM 200: Rational Irrational Use Drugs	3		
				BUS ADM 555: Intro International Business	4		
				MINIMUM CR HRS REQUIRED	**181**		

[1]From HEC-GEC list. Three diversity courses are required which may be met through other requirements. Take one with a bullet (•), one with a star, and one with a diamond; or one with a bullet and two with stars. **If you were admitted to Ohio State prior to SU07 you need to complete the 191 Credit Hour Program Sheet.** [2] Business Minor courses. To declare a minor, make an appt in person in Campbell Hall 201.

GEC NUTRITION MAJOR (Pre-Health Science) 2010-2011

(EFFECTIVE FOR NFQF & NEW TRANSFER STUDENTS ADMITTED TO EDUCATION & HUMAN ECOLOGY SUMMER 2010–SPRING 2011)

Name_____Adviser_____

COURSE & NUMBER	HRS	GR	QT/YR	COURSE & NUMBER	HRS	GR	QT/YR
UNIVERSITY REQUIREMENTS	**(81)**			**SUPPORTING REQUIREMENTS**	**(45-61)**		
WRITING & RELATED	**(15)**			CHEM 121 OR H201	5		
ENG 110.01 OR 110.02 OR 110.03	5			CHEM 122 OR H202	5		
[2]LEVEL 2 WRITING COURSE	5			CHE M 123 OR H203	5		
COMM 321 OR AGR COMM 390	5			CHEM 211 OR 221[4] OR BIOCHEM 521 OR MOLGEN 601 OR 602	0-5		
QUANTITATIVE & LOGICAL[1]	**(10)**			CHEM 251	4		
MATH 150[1]	5			CHEM 252	4		
DATA ANALYSIS (CHEM 221 OR ANIM SC 260 RECOMMENDED)	5			CHEM 245 OR 254[1]	2-3		
				BIOCHEM 511	5		
NATURAL SCIENCE[1]	**(20)**			MOLGEN 500 OR ANIM SC 320	5		
BIOL 113 OR H115	5			MICRO 509 OR 520 & 521	5-10		
BIOL 114 OR H116	5			EEOB 232 OR ANIM SC 310 OR PHYSIOCB 311 & 312	5-10		
PHYSICS 111 OR 131	5						
PHYSICS 112 OR 132[1]	5						
				MAJOR REQUIREMENTS (C- or better required in HUMN NTR courses)	**(28-31)**		
SOCIAL SCIENCE	**(10)**			HUMN NUTR 310 OR ANIM SCI 330	5		
• SOCIOL 101 OR RURL SOC 105	5			HUMN NUTR 610 OR ANIMAL SCI 630.01 OR ANIMAL SCI 630.02[5]	5		
AED ECON 200 OR ECON 200	5						
ARTS & HUMANITIES2[2,3]	**(20)**			*ADVANCED NUTRITION COURSES: SELECT 10 CR HRS FROM*	10		
LITERATURE[2,3]	5			(1) ANIM SCI/HUMN NTR/FD SC&TE 761, 762, 763 **OR**	(10)		
VISUAL/PERF ARTS[2,3]	5			(2) HUMN NTR 611 & 612	(10)		
HISTORY [2,3]	5						
CHOICE[2,3]	5						
[2]ISSUES/CONTEM WORLD	**5**			*SELECT ADDITIONAL 5-6 HRS FROM*	5-6		
				HUMN NTR[6] OR FDSC&TE OR ANIM SCI			
HEC 100 OR AGR 100	1						
				HUMN NTR/FD SC&TE 589	3-5		
ELECTIVES[1]	**(8-27)**			OR ANIM SCI 489			
				MINIMUM CR HRS REQUIRED	**181**		

[1]Most medical schools require Physics 113 or 133 and Chem 253, 254, and 255. Some may also require Math 151 or 152.
[2]Choose course(s) from GEC list. **If you were admitted to Ohio State prior to SU08 you need to complete the 191 Credit Hour Program Sheet.**
[3]One course or an additional course must have an international focus.
[4]Chem 221 also counts for data analysis.
[5]Choose 2 of the following for 3rd writing: HN 610, AS 630.01, 630.02, HN/AS/FST 761, 762.
[6]Choose from HUMN NTR 295, 313, 314, 415, 450, 504, 506, 593, 704, 705, 761, 762, 763.

DIETETICS SEMESTER CURRICULUM

FRESHMAN YEAR
CHEM 1210
MATH 1150
ENGLISH 1110.01
Art
EHE 1100
CHEM 1220
ANTOMY 3300- Adv Human Anatomy
Literature
PSYCH 1101
HUMN NTR 2295– Careers in Nutrition
CREDITS- 34

SOPHOMORE YEAR
Second Writing
Data Analysis
BIOLOGY 1113
ALLI MED 2500– Medical Terminology
Elective (2)
HUMN NTR 2310– Fund of Nutrition
EEOB 2520– Human Physiology
HUMN NTR 2450– Foodserv Sanitation
MICROBIO 4090
Cultures&Ideas/Hist
CREDITS- 30

JUNIOR YEAR
MED DIET 4900- Microbiology
Historical Study
CSHSPMG 3720– Food Service Systems
CSHSPMG 3730– Food Service Systems Lab
HUMN NTR 2314– Fund of Food
HUMN NTR 3704– Pblc Hlth Nutrition
BIOCHEM 4511– Intro Biol Chem
CSHSPMG 3700– Cntrllng Fd & Bev Costs
HUMN NTR 3506– Nutrition Across Life Span
HUMN NTR 3313– Food & Culture
HUMN NTR 3415– Global Nutrition
CREDITS- 29

SENIOR YEAR
HUMN NTR 5611– Medical Nutrition Therapy
HUMN NTR 4504– Nutr Educa & Behav Chng
HUMN NTR 4609– Macronutrient Metabolism
Open Option
CSHSPMG 4600– Special Events Plan & Mgmnt
HUMN NTR 5612– Medical Nutr Therapy 2
HUMN NTR 4596– Dietetics Seminar
HUMN NTR 4610– Micronutrient Metabolism
Open Option
SOCIOL 1101
CREDITS- 27

DIETETICS QUARTER CURRICULUM

FRESHMAN YEAR
CHEM 101 & 102 or 121 & 122
ENGLISH 110
EHE 100
HDFS 364- Life Span Human Development
HUMN NTR 295- Nutrition and Dietetic Careers
MATH 148
PSYCH 100
SOCIOL 101
History I
Literature
Visual and Performing Art
Credits- 52

SOPHOMORE YEAR
ANAT 199.04- Basic Human Anatomy
BIOLOGY 113
ECON 200
EEOB 232- Intro Physiology
CSHSPMG 350.02- Principles of Food Management
HUMN NTR 310- Fundamentals of Human Nutrition
HUMN NTR 314- Fundamentals of Food
History II
Second Level Writing
Credits- 47

JUNIOR YEAR
BUS MHR 660 or 701- Intro to HR Mngmnt
COMM 200- Comm in Society
CSE 200- Comp Assist Problem Solving
HUMN NTR 540- Nutrition Education
HUMN TNR 506- Nutrition: The Life Cycle
HUMN NTR 704- Nutr Prog and Serv in the Comm
MICROBIO 509- General Microbiology I
MOLBIOCH 311 & 312 Fund of Medical Biochem
POLIT SCI 101
Credits- 49

SENIOR YEAR
HUMN NTR 415- Issues and Controversies in Nutr
HUMN NTR 450- Foodservice Sanitation and Safety
HUMN NTR 596- Advanced Professional Develop
HUMN NTR 610- Advanced Human Nutrition
MED DIET 546- Physical and Nutritional Assess
MED DIET 520.01 & .02; 521.01 .02 Meta I and II
STAT 135
Arts & Humanities Choice
Electives
Credits- 43

NUTRITION SCIENCES SEMESTER CURRICULUM

FRESHMAN YEAR
CHEM 1210
MATH 1150
ENGLISH 1110.01
Art
EHE 1100
CHEM 1220
BIOL 1113
Literature
HUMN NTR 2295 – Careers in Nutrition
PSYCH 1101
Credits- 33

SOPHOMORE YEAR
Second Writing
CHEM 2510 – Organic Chemistry
CHEM 2540 – Organic Chemistry Lab
BIOLOGY 1114
HUMN NTR 2310 – Fund of Nutrition
CHEM 2520 – Organic Chemistry II
CHEM 2550 – Organic Chemistry II Lab
MICROBIO 4090 — Microbiology
Cultures&Ideas/Hist
Credits- 30

JUNIOR YEAR
PHYSIO 3101 – Prin of Hmn Physlgy I
BIOCHEM 4511 - Intro to Biochem
HUMN NTR 2314 – Fund of Food
Elective (3)
Elective (2)
HUMN NTR 3506 – Nutrition Across Life Span
PHYSIO 3102 – Prin of Hmn Physlgy II
SOCIOL 1101
Data Analysis
Elective (3)
Credits- 30

SENIOR YEAR
HUMN NTR 4609 – Macronutrient Metabolism
Open Option
HUMN NTR 4410H- Nutr Research Methods
ANIM SCI 5070 Im An Sci or ANIM SCI 5530 Com Nut Met
Elective (3)
HUMN NTR 4610 – Micronutrient Metabolism
Open Option
HUMN NTR 4189 – Prof Experience– 1
Historical Study
Elective (3)
Credits- 27

NUTRITION MAJOR QUARTER CURRICULUM

FRESHMAN YEAR
MATH 150
CHEM 121
SOCIOL 101
EHE 100
CHEM 122
ENGLISH 110
ECON 200
CHEM 123
BIOLOGY 113
Literature
Credits: 46

SOPHOMORE YEAR
BIOLOGY 114
Second Writing
CHEM 251
Elective 3-4
CHEM 252
Visual and Performing Arts
HUMN NTR 310- Fundamentals of Humn Ntr
Elective 3-4
MOL GEN 500
HISTORY I
CHEM 245 or 254
Elective 3-4
Credits: 47-50

JUNIOR YEAR
COMM 321
CHEM 221
MICROBIOL 509
Elective 2-3
EEOB 232
Social Science
PHYSICS 111
BIOCHEM 511
HISTORY II
PHYSICS 112
Credits: 46-47

SENIOR YEAR
HUMN NTR 610- Advanced Humn Ntr
HUMN NRT 762- Prin of Nutrient Metablsm or MED DIET 546
HUMN NTR Choice 5-6
HUMN NTR 7610 Carbe and Lipid Mtblm or MED DIET 520.01/ .02
Contemporary World
Elective 7
MED DIET 521.01/ .02- Nutr & Mtblsm II & Lab
HUMN NTR 589- Intern in Humn Ntr
Elective 8
Credits: 45-51

NUTRITION IN INDUSTRY SEMESTER CURRICULUM

FRESHMAN YEAR
CHEM 1210
MATH 1131
ENGLISH 1110.01
Art
EHE 1100
CHEM 1220
CON SCI 2910 – Cnsmr Prblms & Prspctves
Literature
ECON 2001.01
HUMN NTR 2295 – Careers in Nutrition
Credits- 32

SOPHOMORE YEAR
Second Writing
STAT 1430
BIOLOGY 1113
FDSC&TE 2400 – Intro to Fd Sci
HUMN NTR 2310 – Fund of Nutrition
BIOLOGY 1114
Cultures&Ideas/Hist
PSYCH 1101
BUS ML 3150 – Mrktng Mngmnt
Credits- 30

JUNIOR YEAR
MICROBIO 4090 — Microbiology
Historical Study
EEOB 2520 – Human Physiology
BUS MHR 3100 – Found of Mngmnt & Hmn Resources
BIOCHEM 4511 – Intro Biol Chem
ACCT&MIS 2000 – Found of Accnting
HUMN NTR 2314 – Fund of Food
HUMN NTR 3506 – Nutrition Across Life Span
Elective (3)
Credits- 30

SENIOR YEAR
HUMN NTR 4609 – Macronutrient Metabolism
Open Option
FDSC&TE 5310 - Fd Quality Assurance
BUS FIN 3120 – Found of Finance
Elective (3)
FDSC&TE 5320 – Food Regulations
HUMN NTR 4610 – Micronutrient Metabolism
Open Option
Elective (3)
Elective (2)
Credits- 28

NUTRITION IN INDUSTRY QUARTER CURRICULUM

FRESHMAN YEAR
CHEM 101 & 102 or 121 & 122
ECON 200
ENGLISH 110
EHE 100
HUMN NTR 295- Nutrition and Dietetic Careers
MATH 148
PSYCH 100
SOCIOL 101
Literature
Visual and Performing Art
Credits- 47

SOPHOMORE YEAR
BIOLOGY 113
CSE 200
ECON 201
EEOB 232
CONSCI 300- The Consumer Perspective
HUMN NTR 310- Fundamentals of Human Nutrition
HUMN NTR 313- Food in Different Cultures
HISTORY I & II
Second Level Writing
Credits- 45

JUNIOR YEAR
ACC MIS 310- Foundations of Accounting
BUS MHR 400- Found of Mngmnt and Hmn Res
BUS M&L 450- Foundations of Marketing
FDSC&TE 401- Introduction to Food Processing
FDSC&TE 632- Sensory
FDSC&TE 640- Food Regulations
HUMN NTR 506- Nutrition: The Life Cycle
MICROBIOL 509- General Microbiology I
MOLBIOCH 311 & 312- Fund of Med Biochemistry
Pharmacy 200- Rtnl & Irrational Use of Drugs
POLIT SCI 101
Credits- 49

SENIOR YEAR
BUS ADM 555- Intro to International Business
BUS FIN 420- Foundations of Finance
BUS MGT 430- Found of Operations Management
COMM 321- Public Speaking
CSCFMFNS 243Consumer Problems
CSCFMFNS 443Solutions to Consumer Problems
HUMN NTR 415- Iss & Controversies in Nut
HUMN NTR 450- Sanitation and Safety
HUMN NTR 504- Nutrition Education
HUMN NTR 610- Advanced Human Nutrition
STAT 135- Elementary Statistics
Arts & Humanities Choice
Credits- 51

Department of Human Nutrition
Quarter to Semester Transition Policy
Bachelor of Science in Nutrition

The transition plan for the undergraduate programs in the Department of Human Nutrition will allow a student who is making good progress during the transition period to begin under quarters and graduate under semesters with no harm or delay.

This can be accomplished because all quarter courses required for the undergraduate programs in the Department of Human Nutrition have been converted to semester equivalents of the quarter course with 5 credit hour courses under quarters becoming 3 credit hour courses under semesters. One new course has been added to the list of core courses offered in Human Nutrition. This is the result of a re-envisioning of our Advanced Nutrition course into a two semester sequence of Macronutrient Metabolism and Micronutrient Metabolism.

Flexibility in the timing of prerequisite courses and multiple offerings of some courses during the last year on quarters (2011-2012) will help prepare students for their final year on semesters (2012-2013). HUMN NTR 610 will be offered in autumn quarter 2011 and spring quarter 2012 because it will be a prerequisite for HUMN NTR 4610 and 5611 which will be offered in autumn semester 2012.

Based on the Ohio State Pledge to Undergraduate Students, to ensure that the conversion will not harm students' progress, the Department of Human Nutrition will continue to provide intentional, purposeful advising. Academic advisors will understand how the changes in courses and curricula may affect students' degree programs, will know where and how programs can be flexible, and will be prepared to assist students in planning their remaining semesters to graduation. Good planning around a student's major will be particularly important, and the department will provide that support to students who begin their academic career under quarters and complete it under semesters.

The specialization known as Nutrition and Community Health under the quarter system will be deactivated as we transition to the semester system. Students will not be permitted to select this specialization after June 17, 2012 and must complete their coursework by the end of Summer Semester 2016.

In summer 2016, the College will verify whether all students enrolled in the specialization have graduated and if any remain, Human Nutrition and EHE will submit a request to the Council on Academic Affairs to temporarily continue the specialization until all students have completed.

Sample transition plans-

Nutrition Science

Two Years on Quarters, Two Years on Semesters

AU QTR Y1		WI QTR Y1		SP QTR Y1
CHEM 121		CHEM 122		CHEM 123
MATH 150		Vis/Perf Art		PSYCH 100
ENGLISH 110.01		SOCIOL 101		Biology 113
HUMN EC 100		HUMN NTR 295		
Hours: 16		Hours: 16		Hours: 15

AU QTR Y2		WI QTR Y2		SP QTR Y2
CHEM 251		CHEM 252		CHEM 254
Biology 114		EEOB 252		HUMN NTR 310
History		Literature		Second Writing
Elective		Elective		Elective
Hours: 15		Hours: 15		Hours: 15

AU SEM Y3		SP SEM Y3
BIOCHEM 4511		MICROBIO 4090
PHYSICS 1200 (Opn Opt)		PHYSICS 1201 (Opn Opt)
Cult & Idead/Hist		STAT 1350
HUMN NTR 2314		Elective
Hours: 15		Hours: 15

AU SEM Y4		SP SEM Y4
HUMN NTR 4609		HUMN NTR 4610
HUMN NTR 3506		HUMN NTR 4189
HUMN NTR 4410H		ANIM SCI 5070
Electives		Electives
Hours: 15		Hours: 15

One Year on Quarters, One Year on Semesters

AU QTR Y1		WI QTR Y1		SP QTR Y1
CHEM 121		CHEM 122		CHEM 123
MATH 150		Vis/Perf Art		PSYCH 100
ENGLISH 110.01		SOCIOL 101		Biology 113
HUMN EC 100		HUMN NTR 295		
Hours: 16		Hours: 16		Hours: 15

AU SEM Y2		WI SEM Y2
CHEM 2510		CHEM 2520
CHEM 2540		CHEM 2550
Biology 1114		Second Writing
History		Literature
		Elective
Hours: 13		Hours: 15

AU SEM Y3		SP SEM Y3
BIOCHEM 4511		MICROBIO 4090
PHYSICS 1200 (Opn Opt)		PHYSICS 1201 (Opn Opt)
PHYSIO 3101		PHYSIO 3102
HUMN NTR 2310		HUMN NTR 2314
Hours: 15		Hours: 16

AU SEM Y4		SP SEM Y4
HUMN NTR 4609		HUMN NTR 4610
HUMN NTR 3506		HUMN NTR 4189
HUMN NTR 4410H		STAT 1350
Cult & Idead/Hist		ANIM SCI 5070
Elective		
Hours: 15		Hours: 14

Dietetics

Two Years on Quarters, Two Years on Semesters

AU QTR Y1		WI QTR Y1		SP QTR Y1
HUMAN EC 100		CHEM 121		CHEM 122
ENGLISH 110.01		HUMN NTR 295		Vis & Perf Art
MATH 148		SOCIOL 101		BIOLOGY 113
PSYCH 100		Literature		
Hours: 16		Hours: 16		Hours: 15

AU QTR Y2		WI QTR Y2		SP QTR Y2
HUMN NTR 310		HUMN NTR 450		CSHSPMG 370
History		CSHSPMG 350.02		HUMN NTR 314
Second Writing		HUMN NTR 313		EEOB 232
		ANAT 199.04		
Hours: 15		Hours: 16		Hours: 15

AU SEM Y3		SP SEM Y3
HUMN NTR 3506		HUMN NTR 3704
ALLI MED 2500		MICROBIO 4090
BIOCHEM 4511		MED DIET 4900
Elective		Elective
Hours: 16		Hours: 16

AU SEM Y4		SP SEM Y4
HUMN NTR 3415		HUMN NTR 4610
HUMN NTR 4609		HUMN NTR 5612
HUMN NTR 5611		HUMN NTR 4596
Open Option		HUMN NTR 4504
Open Option		STAT 135
Hours: 14		Hours: 13

One Year on Quarters, One Year on Semesters

AU QTR Y1		WI QTR Y1		SP QTR Y1
HUMAN EC 100		CHEM 121		CHEM 122
ENGLISH 110.01		HUMN NTR 295		Vis & Perf Art
MATH 148		SOCIOL 101		BIOLOGY 113
PSYCH 100		Literature		
Hours: 16		Hours: 16		Hours: 15

AU SEM Y2		WI SEM Y2
HUMN NTR 2310		HUMN NTR 3313
ANAT 3300		History
Second Writing		EEOB 2520
CSHSPMG 2700 and 2710		CSHSPMG 3700
HUMN NTR 2450		HUMN NTR 2314
Hours: 16		Hours: 14

AU SEM Y3		SP SEM Y3
HUMN NTR 3506		HUMN NTR 3704
ALLI MED 2500		MICROBIO 4090
BIOCHEM 4511		MED DIET 4900
Elective		Elective
Hours: 16		Hours: 16

AU SEM Y4		SP SEM Y4
HUMN NTR 3415		HUMN NTR 4610
HUMN NTR 4609		HUMN NTR 5612
HUMN NTR 5611		HUMN NTR 4596
Open Option		HUMN NTR 4504
Open Option		STAT 135
Hours: 14		Hours: 13

Nutrition in Industry

Two Years on Quarters, Two Years on Semesters

AU QTR Y1		WI QTR Y1		SP QTR Y1
CHEM 101		CHEM 102		ECON 200
ENGLISH 110.01		HUMN NTR 295		CS&E 101
HUMAN EC 100		MATH 148		Literature
Vis & Perf Art		PSYCH 100		
Hours: 16		Hours: 16		Hours: 14

AU QTR Y2		WI QTR Y2		SP QTR Y2
BIOLOGY 113		ACCT&MIS 310		EEOB 232
History		BIOLOGY 114		FDSC&TE 401
Second Writing		STAT 135		HUMN NTR 310
				History
Hours: 15		Hours: 15		Hours: 17

AU SEM Y3		SP SEM Y3
BUS MHR 3100		BUS FIN 3120
CON SCI 2910		HUMN NTR 2314
HUMN NTR 3506		BIOCHEM 4511
MICROBIO 4090		BUS ML 3150
		Elective
Hours: 14		Hours: 16

AU SEM Y4		SP SEM Y4
HUMN NTR 4609		HUMN NTR 4610
FDSC&TE 5310		FDSC&TE 5320
Open Option		Elective
Elective		
Hours: 14		Hours: 15

One Year on Quarters, One Year on Semesters

AU QTR Y1		WI QTR Y1		SP QTR Y1
CHEM 101		CHEM 102		ECON 200
ENGLISH 110.01		HUMN NTR 295		CS&E 101
HUMAN EC 100		MATH 148		Literature
Vis & Perf Art		PSYCH 100		
Hours: 16		Hours: 16		Hours: 14

AU SEM Y2		WI SEM Y2
BIOLOGY 1113		BIOLOGY 1114
History		STAT 1350
Second Writing		EEOB 2520
ACCT&MIS 2000		FDSC&TE 2400
Cult & Ideas		HUMN NTR 2310
Hours: 16		Hours: 16

AU SEM Y3		SP SEM Y3
BUS MHR 3100		BUS FIN 3120
CON SCI 2910		HUMN NTR 2314
HUMN NTR 3506		BIOCHEM 4511
MICROBIO 4090		BUS ML 3150
		Elective
Hours: 14		Hours: 15

AU SEM Y4		SP SEM Y4
HUMN NTR 4609		HUMN NTR 4610
FDSC&TE 5310		FDSC&TE 5320
Open Option		Elective
Elective		
Hours: 14		Hours: 15

Nutrition and Community Health

Two Years on Quarters, Two Years on Semesters

AU QTR Y1		WI QTR Y1		SP QTR Y1
HUMANEC 100		CS&E 101		STAT 135
ENGLISH 110.01		CHEM 101		CHEM 102
MATH 130		HUMN NTR 295		Literature
Social Science		Vis & Perf Art		
Hours: 15		Hours: 16		Hours: 15

AU QTR Y2		WI QTR Y2		SP QTR Y2
Second Writing		MICROBIO 509		Social Science
BIOLOGY 113		HUMN NTR 310		HUMN NTR 313
History		ANAT 199.04		EEOB 232
Hours: 15		Hours: 15		Hours: 15

AU SEM Y3		SP SEM Y3
Social Science		History
MOLBIOCH 311		MOLBIOCH 312
HUMN NTR 3415		COMM 240
HUMN NTR 3506		HUMN NTR 3704
Option Course (3)		Option Course (3)
Hours: 14		Hours: 14

AU SEM Y4		SP SEM Y4
COMM 200		HUMN NTR 5611
HUMN NTR 4609		HUMN NTR 4504
Option Course (3)		Option Course (3)
Option Course (3)		Option Course (1)
Elective		Elective
Hours: 17		Hours: 15

One Year on Quarters, One Year on Semesters

AU QTR Y1		WI QTR Y1		SP QTR Y1
HUMANEC 100		CS&E 101		STAT 135
ENGLISH 110.01		CHEM 101		CHEM 102
MATH 130		HUMN NTR 295		Literature
Social Science		Vis & Perf Art		
Hours: 15		Hours: 16		Hours: 15

AU SEM Y2		WI SEM Y2
Second Writing		Social Science
BIOLOGY 1113		MICROBIO 4090
History		HUMN NTR 2310
EEOB 2520		ANAT 3300
COMM 240		
Hours: 16		Hours: 15

AU SEM Y3		SP SEM Y3
Social Science		History
MOLBIOCH 311		MOLBIOCH 312
HUMN NTR 3415		HUMN NTR 3313
HUMN NTR 3506		HUMN NTR 3704
Option Course (3)		Option Course (3)
Hours: 14		Hours: 13

AU SEM Y4		SP SEM Y4
COMM 200		HUMN NTR 5611
HUMN NTR 4609		HUMN NTR 4504
Option Course (3)		Option Course (3)
Option Course (3)		Option Course (1)
Elective		Elective
Hours: 17		Hours: 15

	PROGRAM GOAL #1	PROGRAM GOAL #2	PROGRAM GOAL #3	PROGRAM GOAL #4	PROGRAM GOAL #5	PROGRAM GOAL #6	PROGRAM GOAL #7	PROGRAM GOAL #8	PROGRAM GOAL #9	PROGRAM GOAL #10
CURRICULUM MAP: DEPARTMENT OF HUMAN NUTRITION UNDERGRADUATE PROGRAM	**CRITICAL THINKING:** Students will learn to use critical thinking, evidence-based principles, and current information to analyze situations, issues, and problems.	**ETHICS:** Students will learn how to reason and act consistently in an ethical fashion, with honesty, integrity, fairness, objectivity, sensitivity to cultural differences, and respect for the unique needs and values of individuals.	**COMMUNICATION:** Students will learn how to communicate effectively, both orally and in writing.	**SOCIAL RESPONSIBILITY/ LEADERSHIP:** Students will develop awareness of contemporary issues and public policies, learn how to become involved and act with social responsibility, and develop leadership abilities.	**RESEARCH:** Students will demonstrate their understanding of the scientific method, including research methods important in the study of nutrition, and research opportunities that exist in companies, government agencies, and universities.	**SCIENCES:** Students will demonstrate understanding of physical and biological sciences, including biochemistry, physiology, and molecular genetics, as well as social and behavioral sciences, and ability to apply these scientific principles to study of nutrition.	**NUTRIENT FUNCTION:** Students will gain an in-depth understanding of the digestion, absorption, metabolism and functions of nutrients and other bioactive dietary compounds at the whole body, cellular and molecular levels, especially in relation to health and disease.	**NUTRITION ASSESSMENT/DIET PLANNING/ LIFE SPAN:** Students will learn to assess nutrient needs across the life span and gain a broad perspective in nutrition assessment and diet selection and planning.	**FOOD SCIENCE/FOOD SAFETY:** Students will demonstrate their understanding of the science of food, food systems, and food safety issues related to the nutrition.	**ENERGY BALANCE, FITNESS AND PHYSICAL ACTIVITY:** Students will learn fundamental concepts of energy balance including practices in fitness and exercise science, and will gain understanding of the combined areas of physical activity and nutrition.
Required Courses (Offered by Human Nutrition)										
HUMN NTR 2295: Careers in Nutrition				**BEGINNING**						
HUMN NTR 2310: Fundamentals of Nutrition	**BEGINNING**				**BEGINNING**	**BEGINNING**	**BEGINNING**	**BEGINNING**		**BEGINNING**
HUMN NTR 2314: Fundamentals of Food	**BEGINNING**	**BEGINNING**	**INTERMEDIATE**						**BEGINNING**	
HUMN NTR 2450: Foodservice Sanitation & Safety	**BEGINNING**		**BEGINNING**			**BEGINNING**			**BEGINNING**	
HUMN NTR 3313: Food in Different Cultures		**INTERMEDIATE**		**INTERMEDIATE**				**INTERMEDIATE**	**INTERMEDIATE**	
HUMN NTR 3415: Global Nutrition Issues	**INTERMEDIATE**	**INTERMEDIATE**	**INTERMEDIATE**	**INTERMEDIATE**	**INTERMEDIATE**					
HUMN NTR 3506: Nutrition Across The Life Span						**INTERMEDIATE**		**BEGINNING & INTERMEDIATE**		**INTERMEDIATE**
HUMN NTR 3704: Public Health Nutrition	**INTERMEDIATE**			**INTERMEDIATE**	**INTERMEDIATE**			**INTERMEDIATE**		
HUMN NTR 4410H: Introduction to Honors Research	**INTERMEDIATE**		**ADVANCED**		**INTERMEDIATE** & **ADVANCED**					
HUMN NTR 4504: Nutrition Education & Behavior Change	**ADVANCED**		**ADVANCED**		**ADVANCED**			**ADVANCED**		
HUMN NTR 4189: Professional Experience in Human Nutrition	**INTERMEDIATE**			**INTERMEDIATE**		**INTERMEDIATE**				

HUMN NTR 4596: Dietetics Seminar	ADVANCED	ADVANCED	ADVANCED	ADVANCED						
HUMN NTR 4609: Macronutrient Metabolism	INTERMEDIATE		INTERMEDIATE		INTERMEDIATE	ADVANCED	INTERMEDIATE & ADVANCED			ADVANCED
HUMN NUTR 4610: Micronutrient & Phytochemical Metabolim					ADVANCED		ADVANCED	ADVANCED		
HUMN NTR 5611: Medical Nutrition Therapy 1	ADVANCED	ADVANCED	ADVANCED	ADVANCED	ADVANCED			ADVANCED		
HUMN NTR 5612: Medical Nutrition Therapy 2	ADVANCED	ADVANCED	ADVANCED	ADVANCED	ADVANCED			ADVANCED		
HUMN NTR 5705: Nutrition and Exercise	ADVANCED	ADVANCED			ADVANCED	INTERMEDIATE	ADVANCED	ADVANCED		
Required Courses (Offered outside of the unit)										
MICROBIOLOGY						BEGINNING				
ANATOMY						BEGINNING				
PHYSIOLOGY 1						BEGINNING				
PHYSIOLOGY 2						BEGINNING				
ORGANIC CHEMISTRY 1						BEGINNING				
ORGANIC CHEMISTRY 2						BEGINNING				
BIOCHEMISTRY						BEGINNING				
PHYSICS 1						BEGINNING				
PHYSICS 2						BEGINNING				
STATISTICS						BEGINNING				
ECONOMICS						BEGINNING				
ACCOUNTING						BEGINNING				
BUS MHR		BEGINNING				BEGINNING				
BUS FIN x420						BEGINNING				
BUS M&L x450						BEGINNING				
BUS MGT x430						BEGINNING				
BUS CAPSTONE										
CSCFMFNS x243	BEGINNING			BEGINNING						
CSHSPM 2700 & 2710									BEGINNING	
CSHSPM 3700									INTERMEDIATE	
MED DIET 4900								ADVANCED		
General Education Courses										
MATH 1130 OR 1148						BEGINNING				
MATH 1131 OR 1150						BEGINNING				
BIOLOGY 1113						BEGINNING				
BIOLOGY 1114						BEGINNING				
CHEM 1						BEGINNING				
CHEM 2						BEGINNING				
SOCIAL SCIENCE (PSYCH)						BEGINNING				
SOCIAL SCIENCE (SOCIOL)				BEGINNING		BEGINNING				
WRITING 1			BEGINNING							
WRITING 2			BEGINNING							
LITERATURE			BEGINNING							
ARTS										
HISTORY										