<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>I.</td>
<td>Introduction</td>
<td>1</td>
</tr>
<tr>
<td>A.</td>
<td>Program Overview</td>
<td>1</td>
</tr>
<tr>
<td>B.</td>
<td>Admission Requirements</td>
<td>1</td>
</tr>
<tr>
<td>C.</td>
<td>Student Responsibilities</td>
<td>2</td>
</tr>
<tr>
<td>II.</td>
<td>Advising</td>
<td>2</td>
</tr>
<tr>
<td>A.</td>
<td>The Faculty Advisor</td>
<td>2</td>
</tr>
<tr>
<td>III.</td>
<td>Nutrition Department Course Requirements</td>
<td>2</td>
</tr>
<tr>
<td>A.</td>
<td>Courses to Meet School of Public Health Requirements</td>
<td>2</td>
</tr>
<tr>
<td>B.</td>
<td>Department of Nutrition Required Courses</td>
<td>3</td>
</tr>
<tr>
<td>C.</td>
<td>Example of BSPH Coursework</td>
<td>4</td>
</tr>
<tr>
<td>IV.</td>
<td>Research Opportunities for Undergraduates</td>
<td>5</td>
</tr>
<tr>
<td>V.</td>
<td>Undergraduate Honors Research ~ The Honors Thesis</td>
<td>5</td>
</tr>
<tr>
<td>VI.</td>
<td>Nutrition Coalition</td>
<td>6</td>
</tr>
<tr>
<td>VII.</td>
<td>Student Expenses</td>
<td>6</td>
</tr>
<tr>
<td>VIII.</td>
<td>Other Information</td>
<td>7</td>
</tr>
<tr>
<td>IX.</td>
<td>Statement on Equal Educational Opportunity</td>
<td>7</td>
</tr>
<tr>
<td>X.</td>
<td>Learning Objectives</td>
<td>7</td>
</tr>
<tr>
<td>XI.</td>
<td>Course Descriptions</td>
<td>8</td>
</tr>
<tr>
<td>XII.</td>
<td>Appendices</td>
<td>10</td>
</tr>
<tr>
<td>A.</td>
<td>Checklist of Requirements for a BSPH Degree in Nutrition</td>
<td>10</td>
</tr>
</tbody>
</table>
I. INTRODUCTION

A. Program Overview

The Bachelor of Science in Public Health (BSPH) Program in Nutrition introduces the undergraduate student to the science of nutrition in health and disease and to social and behavioral aspects of eating in the context of public and individual health. The Department of Nutrition is one of the top-ranked Nutrition Departments in the country. The curriculum offers a wide range of courses on the nutritional and epidemiological aspects of human diseases. A BSPH in Nutrition prepares students for graduate study in nutrition, medicine, pharmacy, or dentistry or for entry-level positions in public health and/or dietetics that do not require a registered dietitian. It also allows students to participate in nutrition research projects or explore other related areas of interest.

The BSPH Program provides:

- Courses in preparation for admission into medical school, dental school, veterinary school, pharmacy school or other graduate programs.

B. Admission Requirements

A four-year course of study leads to the degree of Bachelor of Science in Public Health in Nutrition. Upon successful completion of freshman-sophomore courses at UNC-CH in the General College, interested students may apply to transfer to the School of Public Health to complete their final two years. Those students transferring from another institution must apply to the UNC-CH General College/College of Arts and Sciences first and complete one semester satisfactorily before applying to the School of Public Health. Electives throughout the University as well as within the School of Public Health are required. Applicants should apply in the spring of their sophomore year, or at any time after they have met the prerequisites listed below. The recommended minimum GPA for admission to the BSPH Nutrition Program is a 3.0.

Prerequisite Courses Required for Admission¹

BIOL 101, 101L
BIOL 252
CHEM 101, 101L
CHEM 102, 102L
CHEM 261
MATH 130
MATH 231
NUTR 240

¹ Courses in Mathematics not completed during the first two years may be taken during junior year.
C. Student Responsibilities

It is the responsibility of students majoring in Nutrition to complete and meet the minimum number of courses required for graduation (Appendix A). Guidance of each student regarding course selection and career options is provided by his/her faculty advisor, by departmental faculty members on the B.S.P.H. Committee, and by the departmental registrar. A student should plan his/her coursework with the use of this handbook prior to scheduling pre-registration appointments with faculty advisors.

Grade requirements for admission and graduation:

1. Prerequisite courses (CHEM 101, 101L, CHEM 102L, BIOL 101, 101L, and MATH 130, 231 or 241) – must receive a C (not C-) or higher. If not, they must repeat the course.
2. Required Prerequisite Courses for Admission (NUTR 240, CHEM 102, CHEM 261, and BIOL 252) – must receive a B- or higher to be considered for admission into the program. If not, they must repeat the course.
3. Core SPH classes (BIOS 600, EPID 600, HBEH 600, HPM 600 and ENVR 600) – must receive a C (not C-) or higher. If not, they must repeat the course.
4. All other courses for the Nutrition major including science required courses – must receive a C (not C-) or higher. If not, the course must be repeated.
5. Other general college courses used to complete the 120-credit hour requirement – must receive a passing grade.

II. ADVISING

A. The Faculty Advisor

At the time of admission to the bachelor's program, a faculty advisor is assigned to each student. Student and faculty communication is viewed as a mutual responsibility. The student or the advisor schedules meetings on a periodic basis, as required. The Student Services Manager serves as the major source of guidance regarding coursework. The advisor serves as the major source of guidance to the student in the areas of scientific course of study and career planning.

Several avenues are available to students should a change in advisor become necessary. Ideally, the student will expedite such a change by discussion with current and intended advisors. In lieu of this, the student should consult with the chair of the departmental B.S.P.H. Committee. If this is unsatisfactory, the department chair should be consulted.

III. NUTRITION DEPARTMENT COURSE REQUIREMENTS

A. Courses to Meet School of Public Health Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOS 600</td>
<td>Principles of Statistical Inference (3)</td>
<td></td>
</tr>
<tr>
<td>EPID 600</td>
<td>Principles of Epidemiology (3)</td>
<td></td>
</tr>
<tr>
<td>ENVR 600</td>
<td>Environmental Health (3)</td>
<td></td>
</tr>
<tr>
<td>HBEH 600</td>
<td>Social and Behavioral Sciences in Public Health (3)</td>
<td></td>
</tr>
<tr>
<td>HPM 600</td>
<td>Health Policy and Management (3)</td>
<td></td>
</tr>
</tbody>
</table>

Plus 3 elective courses outside the School of Public Health
## B. Department of Nutrition Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 240</td>
<td>Introduction to Human Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 400</td>
<td>Introduction to Nutritional Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 600</td>
<td>Human Metabolism: Macronutrients</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 611</td>
<td>Nutrition Across the Life Cycle</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 620</td>
<td>Human Metabolism: Micronutrients</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 295</td>
<td>Undergraduate Research in Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 692H</td>
<td>Honors Research in Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 202</td>
<td>Molecular Biology and Genetics</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 241(^2)</td>
<td>Modern Analytical Methods for Separation and Characterization</td>
<td>2</td>
</tr>
<tr>
<td>CHEM 241L(^2)</td>
<td>Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 262(^2)</td>
<td>Introduction to Organic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 262L(^2)</td>
<td>Laboratory in Organic Chemistry</td>
<td>1</td>
</tr>
<tr>
<td>PHYS 114(^2)</td>
<td>General Physics I: For Students of the Life Sciences</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 115(^2)</td>
<td>General Physics II: For Students of the Life Sciences</td>
<td>4</td>
</tr>
</tbody>
</table>

\(^2\) These courses will meet the 3 elective course requirements if not used as General College requirements.
C. Example of BSPH Coursework

Preprofessional Program Preparing Students for Graduate Study in Medicine, Dentistry, Pharmacy, and Veterinary Medicine

### Junior Year

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 241</td>
<td>Modern Analytical Methods…</td>
</tr>
<tr>
<td>CHEM 241L</td>
<td>Laboratory in Separation and Analytical Characterization of Organic…</td>
</tr>
<tr>
<td>BIOL 202</td>
<td>Molecular Biology and Genetics</td>
</tr>
<tr>
<td>EPID 600&lt;sup&gt;3&lt;/sup&gt;</td>
<td>Principles of Epidemiology</td>
</tr>
<tr>
<td>NUTR 295</td>
<td>Nutrition Research</td>
</tr>
<tr>
<td>Elective</td>
<td>General Elective or Suggested List Below</td>
</tr>
<tr>
<td><strong>Total semester credits</strong></td>
<td>16-17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 262</td>
</tr>
<tr>
<td>CHEM 262L</td>
</tr>
<tr>
<td>BIOS 600&lt;sup&gt;3&lt;/sup&gt;</td>
</tr>
<tr>
<td>NUTR 295</td>
</tr>
<tr>
<td>NUTR 400</td>
</tr>
<tr>
<td>Elective</td>
</tr>
<tr>
<td><strong>Total semester credits</strong></td>
</tr>
</tbody>
</table>

### Senior Year

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 295</td>
<td>Nutrition Research</td>
</tr>
<tr>
<td>NUTR 600</td>
<td>Human Metabolism: Macronutrients</td>
</tr>
<tr>
<td>NUTR 611</td>
<td>Nutrition Across the Lifecycle</td>
</tr>
<tr>
<td>HBEH 600&lt;sup&gt;3&lt;/sup&gt;</td>
<td>Social and Behavior Sciences in Public Health (online)</td>
</tr>
<tr>
<td>Elective or PHYS 114</td>
<td>General Elective or PHYS 114 General Physics I</td>
</tr>
<tr>
<td><strong>Total semester credits</strong></td>
<td>15-16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 620</td>
</tr>
<tr>
<td>NUTR 692H</td>
</tr>
<tr>
<td>ENVR 600&lt;sup&gt;3&lt;/sup&gt;</td>
</tr>
<tr>
<td>HPM 600&lt;sup&gt;b&lt;/sup&gt;</td>
</tr>
<tr>
<td>Elective or PHYS 115</td>
</tr>
<tr>
<td><strong>Total semester credits</strong></td>
</tr>
</tbody>
</table>

### Suggested Elective Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLAS 125</td>
<td>Word Form and Etymology (also available as self-paced)</td>
</tr>
<tr>
<td>CLAS 126</td>
<td>Medical Word Formation and Etymology (also available as self-paced)</td>
</tr>
<tr>
<td>ANTH 147</td>
<td>Comparative Healing System</td>
</tr>
<tr>
<td>ANTH 470</td>
<td>Medicine &amp; Anthropology</td>
</tr>
<tr>
<td>GEOG 445</td>
<td>Medical Geography</td>
</tr>
</tbody>
</table>

<sup>3</sup> SPH required course
IV. RESEARCH REQUIREMENTS FOR UNDERGRADUATES

To enhance students’ general education and also to help them decide whether a research career is something they might pursue in the future, all BSPH nutrition students are required to be involved in nutrition research. Students may be eligible for Honors research, if they meet the eligibility guidelines. Students would register for NUTR 295 (or NUTR 692H~Honors) under a specific faculty member section number. Each student will complete four semesters (3-credits each) on a research project (a total of 12-credit hours). For a complete list of Nutrition faculty and their research, please review the faculty profiles online at http://sph.unc.edu/nutr/unc-nutrition/nutr-our-faculty-and-staff/.

V. UNDERGRADUATE HONORS RESEARCH ~ The Honors Thesis

For more information, please see the Student Services Manager for the BSPH Nutrition Honors Thesis Handbook.

Who is eligible for the Honors Program?
The Department of Nutrition provides an opportunity for honors study for qualified students. To be eligible for admission to the Honors program students must have, at a minimum, a cumulative grade point average of 3.3 at the beginning of their senior year and maintain the GPA throughout the major if they intend to pursue Honors. Students register for NUTR 295 (3 credits) every semester, and then, NUTR 692H (3-credits) in their final semester while completing an Honors Thesis in Nutrition.

How do I register for the Honors Program credit and what is required?
Students are required to carry out a special project and prepare a thesis based on the project. Length of the honors thesis will depend on the type of project that the student is involved with. All nutrition honors theses are written as scientific manuscripts that are generally between 15-40 pages long, and in the appropriate style for the topic (e.g., nutritional biochemistry, nutrition epidemiology, or nutrition intervention and policy). An oral defense of the thesis is required. Students may graduate from the University with "honors" or "highest honors," if they complete and successfully defend their theses before a faculty panel. The BSPH Handbook for the Honors Thesis with specific guidelines for writing your thesis and for meeting all deadlines for the thesis is available through your student services manager.

How many students are awarded honors each year?
Generally, most students who register for the Honors Program are awarded “honors” each year. However, a student may earn “highest honors” based on their exceptional performance on the honors thesis and presentation.

Who directs the Honors Program in the Nutrition Department?
Dr. Miroslav Styblo, Director of the BSPH program in Nutrition, administers the Nutrition component of the Public Health Program, under the overall direction of the Assistant Dean of Student Affairs in Gillings School of Global Public Health.

When is the Honors thesis due?
Most importantly, the final thesis is due in mid-April, so all students wishing to graduate with “honors” or “highest honors” must keep this timing in mind. There are also specific deadlines by the Honor’s Office that can be found in the BSPH Handbook for the Honors Thesis. You can see the Student Services Manager for specific deadline dates.
Who can I do research with?
Nutrition faculty profiles along with their research interests, resume, etc. can be found at: http://sph.unc.edu/nutr/nutr-all-faculty/.

How do I fund Honors Thesis Research?
Undergraduate Research Awards may be used to support any legitimate cost directly connected to the undertaking of the honors project: laboratory equipment or supplies, computer software or time, costs related to field research, artistic supplies or equipment, books or periodicals not available through normal library sources, illustrations—among others. Travel will be supported only where such travel is absolutely essential to the project and only for the actual cost of transportation. Except in unusual circumstances, individual awards will not exceed $500. Any equipment or non-expended supplies purchased under the program become the property of the department at the conclusion of the project. University accounts will be set up for all successful applicants in their departments as the means of dispersing funds.

Please note: Projects with an international dimension may qualify for a supplemental award of up to $500 from The University Center for International Studies (UCIS) in addition to the Undergraduate Research Award from the Honors Office. Priority for these supplementary grants from UCIS will be given to proposals which pertain to an international topic and which involve travel either within the United States or abroad. A student must receive an Undergraduate Research Award in order to receive the supplemental award from UCIS. If a student receives both awards, the letter of notification from the Honors Office will contain that information. Because the summer can obviously be a convenient time for students to undertake a research trip, students pursuing an international topic should be encouraged to apply for this round of Undergraduate Research Awards.

The application is available on the Honors Program website: http://www.honors.unc.edu

There are two rounds of awards given during the academic year. I would encourage you to view the Honor’s website, as well as, communicate with your Student Services Manager about specific deadlines.

VI. NUTRITION COALITION

The Nutrition Coalition is an organization of students enrolled in the three-degree programs of the Department of Nutrition. The Coalition meets several times each semester to address student concerns and to plan service and social activities. (https://studentlife.unc.edu/organization/nutritioncoalition)

VII. STUDENT EXPENSES

The estimated annual expenses for an undergraduate student based on the anticipated increase are as follows:

<table>
<thead>
<tr>
<th></th>
<th>Resident</th>
<th>Non-resident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition/Fees per year</td>
<td>$8,592</td>
<td>$33,674</td>
</tr>
<tr>
<td>Books/Supplies*</td>
<td>$1,442</td>
<td>$1,442</td>
</tr>
<tr>
<td>Room/Board</td>
<td>$10,902</td>
<td>$10,902</td>
</tr>
<tr>
<td>Travel (local &amp; home)</td>
<td>$862</td>
<td>$1,820</td>
</tr>
<tr>
<td>Health Insurance</td>
<td>$1,046</td>
<td>$1,046</td>
</tr>
<tr>
<td>Loan Fees</td>
<td>$58</td>
<td>$58</td>
</tr>
<tr>
<td>Personal</td>
<td>$1,448</td>
<td>$1,448</td>
</tr>
<tr>
<td><strong>TOTAL:</strong></td>
<td><strong>$24,320</strong></td>
<td><strong>$50,360</strong></td>
</tr>
</tbody>
</table>

*Additional lab and course fees may be charged.
VIII. OTHER INFORMATION

Information concerning the following areas can be found in The University Bulletin:

• Admissions to General College
• Policies and Procedures for Students
• Protection of privacy, including access to student files
• Grievance Procedures
• Termination Policies
• Disciplinary Action
• Graduation Requirements

IX. STATEMENT ON EQUAL EDUCATIONAL OPPORTUNITY

The University of North Carolina at Chapel Hill is committed to equality of educational opportunity and does not discriminate against applicants, students, or employees based on race, color, national origin, religion, sex, age, or handicap. Any complaints alleging failure of this institution to follow this policy should be brought to the attention of the Assistant to the Chancellor.

Moreover, the University of North Carolina at Chapel Hill is open to people of all races and actively seeks to promote integration by recruiting and enrolling a larger number of minority students.

X. LEARNING OBJECTIVES

General Objectives

1. To build on basic nutrition concepts and knowledge through more advanced courses in the metabolism of nutrients, nutritional biochemistry, and the nutritional components of diseases.

2. To master basic level understanding of biostatistics, environmental sciences, and epidemiology.

3. To broaden learning in other areas of knowledge that impact on public health nutrition, such as the nutritional needs of individuals across the life cycle, and psychologic, anthropologic, and social factors that affect food consumption and nutritional status.

Core-Specific Objectives

1. To experience an investigational approach to modern nutrition through laboratory experiments designed to find new knowledge in a variety of areas of nutritional science.

2. To become proficient in basic science courses commonly serving various disciplines at the professional level, e.g., organic chemistry, and anatomy and physiology.
XI. COURSE DESCRIPTIONS

NUTR 240 INTRODUCTION TO HUMAN NUTRITION (3)

NUTR 245 SUSTAINABLE LOCAL FOOD SYSTEMS: INTERSECTION OF LOCAL FOODS AND PUBLIC HEALTH (3)
Examines the intersection of local foods and public health in respect to nutrition, environmental, economic, and community issues. Students explore impacts of the increasingly industrialized and centralized food system, as well as, potential solutions, while assisting community partners increase opportunities for farmers, local food marketers, distributors, and entrepreneurs. Spring. De Marco and Ammerman.

NUTR 295 UNDERGRADUATE RESEARCH EXPERIENCE IN NUTRITION (3)
Permission of the instructor. For undergraduates enrolled in the department’s baccalaureate degree program. Directed readings or laboratory study on a selected topic. May be taken more than once for credit. Fall, Spring, Summer. Faculty.

NUTR 400 INTRODUCTION TO NUTRITIONAL BIOCHEMISTRY (3)
Prerequisites, BIOL 101, CHEM 101, 102 and NUTR 240. Permission of the instructor for students lacking the prerequisites. Function of the human body focusing on nutrient interaction. Biochemistry of nutrients with a limited focus on medical aspects of nutrient metabolism. For advanced undergraduates and graduate students needing to enhance background prior to NUTR 600. Spring. Styblo and Krupenko.

NUTR 600 HUMAN METABOLISM: MACRONUTRIENTS (3)
Prerequisite, NUTR 400. Permission of the instructor for students lacking the prerequisites. Cell biochemistry and physiology emphasizing integration of proteins, carbohydrates and lipids in whole-body metabolism, regulation of energy expenditure, food intake, metabolic adaptations, and gene expression, and macronutrient-related diseases (atherosclerosis, obesity). Fall. Coleman and Hursting.

NUTR 611 NUTRITION ACROSS THE LIFE CYCLE (3)
Prerequisite, NUTR 400. This course covers nutrition during the life cycle. Units include women during preconception, pregnancy, and lactation; infancy; childhood; adolescence; and older adults (65+). Nutrient and energy needs, assessment of nutritional status, and cultural and socioeconomic barriers are discussed for each phase. Fall. Siega-Riz, Holliday and Samuel-Hodge.

NUTR 620 HUMAN METABOLISM: MICRONUTRIENTS (3)
Prerequisite, NUTR 400 and 600. Permission of the instructor for students lacking the prerequisites. Cell biochemistry and physiology emphasizing metabolism of vitamins and minerals including antioxidant protection, immune function, nutrient control of gene expression and disease states induced by deficiencies (e.g., iron-deficient anemia). Spring. Krupenko, N. and Makowski.

NUTR 630 NUTRITION COMMUNICATION, COUNSELING AND CULTURE (3)
Prerequisite, NUTR 240. Permission of the instructor for students lacking the prerequisite. Course teaches the future nutrition professional the art and science of communicating with individuals, groups, and the public. Students will enhance cultural awareness, practice counseling individuals and facilitating groups, and frame nutrition messages for mass media including social media. Fall. Sommers.
NUTR 640 MEDICAL NUTRITION THERAPY I: CHRONIC DISEASE MNGT. (3)
Prerequisite, NUTR 630. Course designed to examine the rationale and implementation of diet therapy and nutrition support in the prevention or treatment of chronic diseases. Spring. Holliday.

NUTR 642 MEDICAL NUTRITION THERAPY II: ACUTE DISEASE MNGT. (3)
Prerequisite, NUTR 640. Course designed to examine the rationale and implementation of diet therapy and nutrition support in the prevention or treatment of acute diseases. Fall. Holliday.

NUTR 650 FOOD SCIENCE AND CULINARY ARTS (2)
Prerequisite, NUTR 400. Introduction to foods, chemical and physical properties, nutritional composition, food safety, production, and regulation. NUTR 650 Lab required. Spring. Wyler.

NUTR 650L FOOD SCIENCE AND CULINARY ARTS LAB (1)

NUTR 692H HONORS RESEARCH IN NUTRITION (3)
Permission of instructor. Directed readings or laboratory study of a selected topic. Requires a written proposal to be submitted to and approved by BSPH Committee and faculty research director. A written report is required. May be taken more than once for credit. Six laboratory hours per week. Fall, spring, summer. Faculty.

NUTR 695 NUTRITION RESEARCH (VAR. 1-9)
Permission of the instructor. Individual arrangements with faculty for bachelor and master students to participate in ongoing research. Fall, spring, and summer. Faculty.

NUTR 696 READINGS IN NUTRITION (VAR. 1-9)
Permission of the instructor. Reading and tutorial guidance in special areas of nutrition. Fall, spring, and summer. Faculty.
APPENDIX A:

SCHOOL OF PUBLIC HEALTH – NUTRITION (BSPH)
(120 hours) Effective 2015

NAME PID Optional 2nd Major or Minor _______ Advisor

FOUNDATIONS

<table>
<thead>
<tr>
<th>English Comp. and Rhetoric</th>
<th>Foreign Language* HSFL(s)</th>
<th>Quant. Reas. (QR)</th>
<th>Lifetime Fitness (LFIT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 105</td>
<td>1.</td>
<td>MATH 130 (**, #)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2.</td>
<td></td>
<td>(1 hr.)</td>
</tr>
</tbody>
</table>
* Through Level 3
# Math courses may be completed during junior year.

APPROACHES

<table>
<thead>
<tr>
<th>Phys. and Life Sciences (PL) (**)</th>
<th>Social and Behavioral Sciences (***)</th>
<th>Humanities/Fine Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 101L</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

** Grade of C or better (not C-) required.
*** From at least two depts.

CONNECTIONS ##

<table>
<thead>
<tr>
<th>Communication Int. (CI)</th>
<th>Quant. Int. (QI) or 2nd Quant. Reas. (QR)</th>
<th>Exp. Education (EE)</th>
<th>Global Issues (GL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 101L</td>
<td>MATH 231 or 241(**, #)</td>
<td>NUTR 295</td>
<td></td>
</tr>
<tr>
<td>US Diversity (US)</td>
<td>North Atlantic World (NA)</td>
<td>World before 1750 (WB)</td>
<td>Beyond the NA (BN)</td>
</tr>
</tbody>
</table>

## Must satisfy GL, US, EE, and two additional Connections.

MAJOR

(FALL/SPRING)

<table>
<thead>
<tr>
<th>Pre-requisite Courses</th>
<th>Public Health Core (**)</th>
<th>Nutrition Courses (**)</th>
<th>Additional Requirements (**)</th>
<th>Honors Research (4 semesters, 12-hours) (**)</th>
<th>Electives (≥3 outside SPH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 252Y</td>
<td>BIOS 600</td>
<td>NUTR 400</td>
<td>CHEM 241</td>
<td>NUTR 295</td>
<td></td>
</tr>
<tr>
<td>CHEM 102Y</td>
<td>ENVR 600 (online)</td>
<td>NUTR 600</td>
<td>CHEM 262</td>
<td>NUTR 295</td>
<td></td>
</tr>
<tr>
<td>CHEM 102L**</td>
<td>EPID 600</td>
<td>NUTR 611</td>
<td>BIOL 202</td>
<td>NUTR 295</td>
<td></td>
</tr>
<tr>
<td>CHEM 261Y</td>
<td>HBEH 600 (online)</td>
<td>NUTR 620</td>
<td>PHYS 114 or PHYS 118</td>
<td>NUTR 295</td>
<td></td>
</tr>
<tr>
<td>NUTR 240Y</td>
<td></td>
<td></td>
<td>PHYS 115 or PHYS 119</td>
<td>- OR -</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NUTR 692H</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(see note below)</td>
<td></td>
</tr>
</tbody>
</table>

** Grade of C or better (not C-) required.

Planning Notes:

<table>
<thead>
<tr>
<th>FALL</th>
<th>SPRING</th>
<th>SUMMER</th>
<th>FALL</th>
<th>SPRING</th>
</tr>
</thead>
</table>

The Department of Nutrition provides an opportunity for honors study for qualified students. To be eligible for admission to the Honors program students must have, at a minimum, a cumulative grade point average of 3.3 at the beginning of their senior year and maintain the GPA throughout the major if they intend to pursue Honors. Students register for NUTR 295 (3 credits) every semester, and then, NUTR 692H (3-credits) in their final semester while completing an Honors Thesis in Nutrition.

** Grade of C or better (not C-) required.

Planning Notes: