College Admission Requirements for Transfer Students
This major is offered by the College of Natural Resources.

PROGRAM

The Department of Nutritional Sciences and Toxicology offers three undergraduate specializations: **Physiology & Metabolism** studies the path of nutrients from food to cells, and the many functions of nutrients, including in energy and metabolism and the generation of internal secretions known as autocoids. **Dietetics** prepares students for careers as Registered Dietitians. **Toxicology** focuses on the molecular and physiological effects of natural and human-made environmental toxins. All three specializations relate food and/or toxins to human health and disease risk.

PREPARATION FOR TRANSFER AT THE JUNIOR LEVEL

Transfer applicants **must** complete the minimum major admissions requirements, and are encouraged to complete as many additional lower division requirements as possible. IGETC certification will satisfy Reading & Composition and humanities/social science breadth requirements for the Nutritional Science major. For more information contact our Office of Instruction and Student Affairs, College of Natural Resources, https://nature.berkeley.edu/advising/meet-cnr-advisors or (510) 642-0542.

MINIMUM MAJOR ADMISSIONS REQUIREMENTS

Transfer students must fulfill these minimum major requirements before entering UC Berkeley.

Equivalent of:

- English R1A and English R1B
- Nutritional Sciences 10 (For Physiology & Metabolism and Dietetics track ONLY)
- Chemistry 1A and 1AL
- Chemistry 3A and 3AL
- Chemistry 3B and 3BL
- Biology 1A and 1AL
- Molecular and Cell Biology 32 & 32L
- Math 16A and Math 16B or Math 1A and Math 1B
- Statistics 2

For more information:
- NST Undergraduate Academic Advisor
- Office of Instruction and Student Affairs
- College of Natural Resources
To: UC Berkeley, From: Moorpark College, 18-19

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Nutritional Science, Lower Division B.S. (continued)
(510) 642-0542
e-mail: cnrteaching@berkeley.edu
Website: https://nature.berkeley.edu/advising/majors-minors

For more information on admission to UC Berkeley:
http://admissions.berkeley.edu

For more information on majors at UC Berkeley:
Berkeley Academic Guide: http://guide.berkeley.edu

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LOWER DIVISION MAJOR REQUIREMENTS
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READING & COMPOSITION
Students must complete Reading and Composition prior to transfer.
Courses comparable to Berkeley’s READING & COMPOSITION (R&C) 1A & 1B

| ENGLISH R1A | Reading and Composition | (4) | ENGL M01A | English Composition | (4) |
| OR |
| ENGL M01AH | Honors: English Composition |

| ENGLISH R1B | Reading and Composition | (4) | ENGL M01B | Literature: Critical Thinking and Composition | (4) |
| OR |
| ENGL M01BH | Honors Literature: Critical Thinking and Composition | (4) |
| OR |
| ENGL M01C | Critical Thinking and Composition |
| OR |
| ENGL M01CH | Honors: Critical Thinking and Composition | (3) |

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NUTRITION
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NUSCTX 10 | Introduction to Human Nutrition | (3) | NTS M01 | Introduction to Nutritional Science |

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CHEMISTRY
Must complete entire chemistry series prior to transfer.
One semester of general chemistry with lab and two semesters of organic chemistry with labs. Nutritional Sciences requires Chem 1A/1AL, Chem 3A/AL, Chem 3B/3BL. Chem 1B is not required.
### Nutritional Science, Lower Division B.S. (continued)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>CHEM 1A</td>
<td>General Chemistry</td>
<td>(3)</td>
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<tr>
<td>CHEM 1AL</td>
<td>General Chemistry Laboratory</td>
<td>(1)</td>
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<tr>
<td>CHEM 3A</td>
<td>Chemical Structure and Reactivity</td>
<td>(3)</td>
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<tr>
<td>CHEM 3AL</td>
<td>Organic Chemistry Laboratory</td>
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<tr>
<td>CHEM 3B</td>
<td>Chemical Structure and Reactivity</td>
<td>(3)</td>
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<tr>
<td>CHEM 3BL</td>
<td>Organic Chemistry Laboratory</td>
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<td>MATHEMATICS</td>
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<td>MATH 16A</td>
<td>Analytic Geometry and Calculus</td>
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<td>Calculus with Analytic Geometry I</td>
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<td>OR</td>
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<tr>
<td>MATH 16B</td>
<td>Analytic Geometry and Calculus</td>
<td>(3)</td>
<td>Geometry I</td>
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<td>OR</td>
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<tr>
<td>MATH 1A</td>
<td>Calculus</td>
<td>(4)</td>
<td>Calculus with Analytic Geometry I</td>
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<td>Calculus</td>
<td>(4)</td>
<td>Calculus with Analytic Geometry II</td>
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<td>STATISTICS</td>
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<tr>
<td>STAT 2</td>
<td>Introduction to Statistics</td>
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<td>Honors: Introductory Statistics</td>
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<td>STAT 20</td>
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<td>NO COURSE ARTICULATED</td>
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<td></td>
<td>Statistics</td>
<td>OR</td>
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<tr>
<td>BIOLOGICAL SCIENCE</td>
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<tr>
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<td>General Biology Lecture (Cells,</td>
<td>(3)</td>
<td>General Biology I</td>
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<td></td>
<td>Genetics, Animal Form &amp; Function)</td>
<td>OR</td>
<td>Honors: General Biology I</td>
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<tr>
<td>BIOLOGY 1AL</td>
<td>General Biology</td>
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</tbody>
</table>
Nutritional Science, Lower Division B.S. (continued)
To: UC Berkeley, From: Moorpark College, 18-19

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Nutritional Science, Lower Division B.S. (continued)

MCELLBI 32 & Introduction to Human (3) | PHSO M01 Human Physiology (4)
| Physiology

MCELLBI 32L Introduction to Human (2) | PHSO M01H Honors: Human Physiology
| Physiology Laboratory

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PHYSICS

Highly recommended but not required prior to transfer.

Physiology & Metabolism and Toxicology also requires only one semester of physics equivalent to Physics 8A.

Students pursuing a pre-med curriculum may want to include an additional semester of calculus and physics (courses equivalent to Math 16B and Physics 8B at Berkeley.)

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PHYSICS 8A Introductory Physics (4) | NO COURSE ARTICULATED
| OR

PHYSICS 7A Physics for Scientists and Engineers (4) | PHYS M20A Mechanics of Solids and Fluids (4)
| PHYS M20AL Mechanics of Solids and Fluids Laboratory (1)

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NOTE: This institution may cover the topics in Berkeley's PHYSICS 7ABC series in a different order. Students who transfer before completing courses equivalent to the entire 7ABC series may need to enroll in Berkeley's PHYSICS 49 to complete missing topics such as wave motion (7A) or heat (7B).

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HUMANITIES and SOCIAL SCIENCES

IGETC Certification will satisfy this requirement.

Physiology & Metabolism and Toxicology: at least 6-7 semester units selected by the student from fields such as literature, history, foreign language, anthropology, psychology, sociology, philosophy, economics, political science, etc.

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Dietetics: The following courses are required as part of the pre-professional curriculum for the Dietetics specialization, including a) economics, and b) Psychology 1 or Sociology 1 or Sociology 3 or Anthropology 3.

Course options are noted below.

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Nutritional Science, Lower Division B.S. (continued)

ECON 1 Introduction to Economics (4) | ECON M201 Principles of Microeconomics (3)
| ECON M202 Principles of Macroeconomics (3)
| OR
| ECON M202H Honors: Principles of Macroeconomics (3)

NOTE: Berkeley's ECON 1 covers macro-economics and micro-economics.

PSYCH 1 General Psychology (3) | PSY M01 Introduction to Psychology (3)
| OR
| PSY M01H Honors: Introduction to Psychology (3)

OR

SOCIOL 1 Introduction to Sociology (4) | SOC M01 Introduction to Sociology (3)
| OR
| SOC M01H Honors: Introduction to Sociology (3)

OR

SOCIOL 3AC Principles of Sociology (4) | NO COURSE ARTICULATED

NOTE: SOCIOL 3AC is a course for non-Sociology majors.

OR

ANTHRO 3 Introduction to Social and Cultural Anthropology (4) | ANTH M02 Cultural Anthropology (3)

END OF MAJOR