



**University of Hawai'i at Mānoa**  
**College of Tropical Agriculture and Human Resources Program Sheet 2015-2016**  
**Bachelor of Science (BS) in Food Science and Human Nutrition**  
**Track: Food Science**

**Admissions: Freshmen = Open / Transfer = Min. Criteria    Process: Declaration**  
**Min. Total Credits: 120 (Business = 106-107 + 13-14 in electives; Pre-Professional = 105 + 15 in electives)**

UHM General Education Core Requirements
Foundations
<input type="checkbox"/> FW ENG 100, 100A, 190, or ESL 100
<input type="checkbox"/> FS MATH 140 or higher
<input type="checkbox"/> FG (A / B / C)
<input type="checkbox"/> FG (A / B / C)
Diversification
<input type="checkbox"/> DA COMG 151 or 251
<input type="checkbox"/> DH / DL
<input type="checkbox"/> DB BIOL 171
<input type="checkbox"/> DP CHEM 161
<input type="checkbox"/> DY BIOL 171L
<input type="checkbox"/> DS
<input type="checkbox"/> DS
<i>* See degree, college and major requirements for courses that can also fulfill these.</i>
UHM Graduation Requirements
Focus
<input type="checkbox"/> H
<input type="checkbox"/> E (300+)
<input type="checkbox"/> O (300+)
<input type="checkbox"/> W
<input type="checkbox"/> W
<input type="checkbox"/> W
<input type="checkbox"/> W (300+)
<input type="checkbox"/> W (300+)
Hawaiian / Second Language
<ul style="list-style-type: none"> <li>The Hawaiian or Second Language requirement is <b>not</b> required for students admitted to the Food Science and Human Nutrition program.</li> </ul>
Credit Minimums
<ul style="list-style-type: none"> <li>120 total applicable</li> <li>30 in residence at UHM</li> <li>45 upper division (300+ level) credits</li> </ul>
Grade Point Average
<ul style="list-style-type: none"> <li>2.0 cumulative or higher (<i>Note: Other GPAs may be required</i>)</li> <li>Good academic standing</li> </ul>

College Requirements
CTAHR Required Set of Interrelated Courses
<input type="checkbox"/> COMG 151* <sup>DA</sup> or 251* <sup>DA</sup>
<input type="checkbox"/> NREM 310
<input type="checkbox"/> Internship or capstone course (FSHN 494)
Credit Minimums
<ul style="list-style-type: none"> <li>120 total applicable</li> </ul>

<b>This program sheet was prepared to provide information and does not constitute a contract. See back for major requirements. Meet regularly with your major advisor.</b>
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## Major Requirements for BS in Food Science and Human Nutrition

Admission: Freshmen = Open; Transfer = Min. entrance GPA of 2.5 and have taken FSHN 185 (with a “B” or better) and CHEM 161/161L, CHEM 162/162L, and MATH 140 (or higher) (with a “C” or better).

Application: Freshmen = NA; Transfer = Must meet with FSHN advisor.

Min. major credits: Business Option = 84; Pre-Professional Option = 81

### Requirements

#### Food Science and Human Nutrition Required Supporting Courses (29 credits)

- |   |                                    |
|---|------------------------------------|
| <input type="checkbox"/> BIOL 171* <sup>DB</sup> / 171L* <sup>DY</sup>                          | <input type="checkbox"/> MBBE 375  |
| <input type="checkbox"/> CHEM 161* <sup>DP</sup> / <input type="checkbox"/> 161L* <sup>DY</sup> | <input type="checkbox"/> MICR 130  |
| <input type="checkbox"/> CHEM 162* <sup>DP</sup> / <input type="checkbox"/> 162L* <sup>DY</sup> | <input type="checkbox"/> MICR 140L |
| <input type="checkbox"/> CHEM 272* <sup>DP</sup>  | <input type="checkbox"/> PHYS 151  |
| <input type="checkbox"/> MATH 140 or above  |                                    |

#### Food Science Core Courses (37 credits)

All of the following:

- |  |                                    |                                    |                                   |
|--|------------------------------------|------------------------------------|-----------------------------------|
| <input type="checkbox"/> FSHN 181 / <input type="checkbox"/> 181L* <sup>DY</sup> |                                    |                                    |                                   |
| <input type="checkbox"/> FSHN 185* <sup>DB</sup>                                 | <input type="checkbox"/> FSHN 381  | <input type="checkbox"/> FSHN 403  | <input type="checkbox"/> FSHN 411 |
| <input type="checkbox"/> FSHN 430  | <input type="checkbox"/> FSHN 430L | <input type="checkbox"/> FSHN 440  | <input type="checkbox"/> FSHN 445 |
| <input type="checkbox"/> FSHN 460  | <input type="checkbox"/> FSHN 477  | <input type="checkbox"/> FSHN 477L | <input type="checkbox"/> FSHN 494 |

#### Food Science Options (choose only one option)

- |  |   |
|--|---|
| <input type="checkbox"/> <b>Business Option</b><br>(18-19 credits)   | <b>All of the following:</b><br><input type="checkbox"/> ACC 201 <input type="checkbox"/> BUS 312 <input type="checkbox"/> BUS 315<br><input type="checkbox"/> ECON 130 <input type="checkbox"/> IS 250* <input type="checkbox"/> MATH 140 or 215<br>*or approved substitutes: EDEA 360, FAMR 350, COMG 352, COMG 381 |
| <input type="checkbox"/> <b>Pre-Professional Option</b><br>(15 credits; see department for approved courses) | <b>All of the following:</b><br><input type="checkbox"/> CHEM 272L <input type="checkbox"/> CHEM 273 <input type="checkbox"/> MATH 215<br><input type="checkbox"/> MATH 216 <input type="checkbox"/> PHYS 152   |

### Notes

CTAHR Academic Advising Office:

Gilmore 1<sup>st</sup> floor; [ctahradv@hawaii.edu](mailto:ctahradv@hawaii.edu)

Appointments are required to see an advisor; please visit [ctahradv.youcanbook.me/](http://ctahradv.youcanbook.me/) to schedule an appointment.

CTAHR Office of Academic and Student Affairs:

Gilmore 210, (808) 956-8183/(808) 956-6733; [www.ctahr.hawaii.edu/ugadvising](http://www.ctahr.hawaii.edu/ugadvising)