



**University of Hawai'i at Mānoa**  
**College of Tropical Agriculture and Human Resources Program Sheet 2014-2015**  
**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 = 103-104 + 16-17 in electives; Pre-Professional = 102 + 18 in electives)**

| <b>UHM General Education Core Requirements</b>  |
|---|
|   |
| <b>Foundations</b>  |
| <input type="checkbox"/> FW   |
| <input type="checkbox"/> FS   |
| <input type="checkbox"/> FG (A / B / C)   |
| <input type="checkbox"/> FG (A / B / C)   |
|   |
| <b>Diversification</b>  |
| <input type="checkbox"/> DA / DH / DL   |
| <input type="checkbox"/> DA / DH / DL   |
| <input type="checkbox"/> DB   |
| <input type="checkbox"/> DP   |
| <input type="checkbox"/> DY   |
| <input type="checkbox"/> DS   |
| <input type="checkbox"/> DS   |
|   |
| <i>* See degree, college and major requirements for courses that can also fulfill these.</i>  |
| <b>UHM Graduation Requirements</b>  |
|   |
| <b>Focus</b>  |
| <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+)   |
|   |
| <b>Hawaiian / Second Language</b>   |
| <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> |
|   |
| <b>Credit Minimums</b>  |
| <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>                                      |
| <b>Grade Point Average</b>  |
| <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>  |

| <b>College Requirements</b>  |
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|  |
| <b>CTAHR Required Set of Interrelated Courses</b>                      |
| <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)      |
|  |
| <b>Credit Minimums</b>   |
| <ul style="list-style-type: none"> <li>120 total applicable</li> </ul> |
|  |

*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.*

## 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 = 81; Pre-Professional Option = 78

Min. C grade (not C-) in all courses

### Requirements

#### Food Science and Human Nutrition Required Supporting Courses (26 credits)

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

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

All of the following:

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

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

|  |   |
|--|---|
| <input type="checkbox"/> <b>Business Option</b><br>(18-19 credits)   | All of the following:<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 |
| <input type="checkbox"/> <b>Pre-Professional Option</b><br>(15 credits; see department for approved courses) | All of the following:<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 Office of Academic and Student Affairs: Gilmore 210; (808) 956-8183/(808) 956-6733; acadaff@ctahr.hawaii.edu; www.ctahr.hawaii.edu

FSHN Program: AgSci 216; (808) 956-7095; hnfas@ctahr.hawaii.edu; www.ctahr.hawaii.edu/hnfas

FSHN Undergraduate Advisor: Soojin Jun, PhD; AgSci 302F; (808) 956-8283; soojin@hawaii.edu