



University of Hawai'i at Mānoa
College of Tropical Agriculture and Human Resources Program Sheet 2012-2013
Bachelor of Science (BS) in Food Science and Human Nutrition
Track: Human Nutrition

Admissions: Freshmen = Open / Transfer = Min. Criteria Process: Declaration
Min. Total Credits: 120 (Sports and Wellness = 103 in core and major + 15 electives;
Pre-Professional = 107 in core and major + 13 in electives; Dietetics = 120 in core and major)

UHM General Education Core Requirements
Foundations
<input type="checkbox"/> FW
<input type="checkbox"/> FS
<input type="checkbox"/> FG (A / B / C)
<input type="checkbox"/> FG (A / B / C)
Diversification
<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>
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"> The Hawaiian or Second Language requirement is not required for students admitted to the Food Science and Human Nutrition program.
Credit Minimums
<ul style="list-style-type: none"> 120 total applicable 30 in residence at UHM 45 upper division (300+ level) credits
Grade Point Average
<ul style="list-style-type: none"> 2.0 cumulative or higher (<i>Note: Other GPAs may be required</i>) Good academic standing

College Requirements
CTAHR Required Set of Interrelated Courses
<input type="checkbox"/> COMG 151* ^{DA} or 251* ^{DA}
<input type="checkbox"/> NREM 310
<input type="checkbox"/> Internship or capstone course (FSHN 492)
Credit Minimums
<ul style="list-style-type: none"> 120 total applicable

*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 2.8 and have taken FSHN 185 (with "B" or better) and CHEM 161/161L, CHEM 162/162L, PHYL 141/141L, PHYL 142/142L, and MATH 140 (or higher) (with a "C" or better).

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

Min. major credits: Sports and Wellness Option = 79; Pre-Professional Option = 83; Dietetics Option = 96

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

Requirements

Food Science and Human Nutrition Required Supporting Courses (26-29 credits)

- | | |
|---|---|
| <input type="checkbox"/> BIOL 171*DB / 171L*DY | <input type="checkbox"/> MBBE 402 or 375 |
| <input type="checkbox"/> CHEM 161*DP / <input type="checkbox"/> 161L*DY | <input type="checkbox"/> PHYL 141*DB / <input type="checkbox"/> 141L*DY or 301 / 301L |
| <input type="checkbox"/> CHEM 162*DP / <input type="checkbox"/> 162L*DY | <input type="checkbox"/> PHYL 142*DB / <input type="checkbox"/> 142L*DY or 302 / 302L |
| <input type="checkbox"/> CHEM 272*DP | |

Human Nutrition Core Courses (23 credits)

All of the following:

- | | | | |
|---|--------------------------------------|-----------------------------------|-----------------------------------|
| <input type="checkbox"/> FSHN 181 / 181L*DY | <input type="checkbox"/> FSHN 185*DB | <input type="checkbox"/> FSHN 370 | <input type="checkbox"/> FSHN 389 |
| <input type="checkbox"/> FSHN 485 | <input type="checkbox"/> FSHN 486 | <input type="checkbox"/> FSHN 492 | |

Human Nutrition Options (choose only one option)

<input type="checkbox"/> Sports and Wellness Option (30-32 credits)	<p>All of the following:</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> KRS 353</td> <td><input type="checkbox"/> KRS 354 / <input type="checkbox"/> 354L</td> </tr> <tr> <td><input type="checkbox"/> FSHN 480</td> <td><input type="checkbox"/> FSHN 440 or MICR 130/140</td> </tr> </table> <p>A minimum of 9 credits selected from the following courses:</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> FSHN 244</td> <td><input type="checkbox"/> FSHN 381</td> <td><input type="checkbox"/> FSHN 451</td> <td><input type="checkbox"/> FSHN 452</td> </tr> <tr> <td><input type="checkbox"/> FSHN 467</td> <td><input type="checkbox"/> FSHN 468</td> <td><input type="checkbox"/> FSHN 469</td> <td></td> </tr> </table> <p>8 credits of health-related electives with advisor approval</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> _____</td> <td><input type="checkbox"/> _____</td> <td><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> KRS 353	<input type="checkbox"/> KRS 354 / <input type="checkbox"/> 354L	<input type="checkbox"/> FSHN 480	<input type="checkbox"/> FSHN 440 or MICR 130/140	<input type="checkbox"/> FSHN 244	<input type="checkbox"/> FSHN 381	<input type="checkbox"/> FSHN 451	<input type="checkbox"/> FSHN 452	<input type="checkbox"/> FSHN 467	<input type="checkbox"/> FSHN 468	<input type="checkbox"/> FSHN 469		<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____			
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<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____																	
<input type="checkbox"/> Pre-Professional Option (34-36 credits)	<p>All of the following:</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> MBBE 402L</td> <td><input type="checkbox"/> FSHN 440 or MICR 130/140</td> </tr> <tr> <td><input type="checkbox"/> genetics/molecular biology course</td> <td></td> </tr> </table> <p>A minimum of 9 credits selected from the following courses:</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> FSHN 244</td> <td><input type="checkbox"/> FSHN 381</td> <td><input type="checkbox"/> FSHN 451</td> <td><input type="checkbox"/> FSHN 452</td> </tr> <tr> <td><input type="checkbox"/> FSHN 467</td> <td><input type="checkbox"/> FSHN 468</td> <td><input type="checkbox"/> FSHN 469</td> <td><input type="checkbox"/> FSHN 480</td> </tr> </table> <p>17 credits of science, math and/or health-related elective with advisor approval:</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> _____</td> <td><input type="checkbox"/> _____</td> <td><input type="checkbox"/> _____</td> </tr> <tr> <td><input type="checkbox"/> _____</td> <td><input type="checkbox"/> _____</td> <td><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> MBBE 402L	<input type="checkbox"/> FSHN 440 or MICR 130/140	<input type="checkbox"/> genetics/molecular biology course		<input type="checkbox"/> FSHN 244	<input type="checkbox"/> FSHN 381	<input type="checkbox"/> FSHN 451	<input type="checkbox"/> FSHN 452	<input type="checkbox"/> FSHN 467	<input type="checkbox"/> FSHN 468	<input type="checkbox"/> FSHN 469	<input type="checkbox"/> FSHN 480	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
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<input type="checkbox"/> Dietetics Option (47 credits)	<p>All of the following:</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> BIOL 340 or CMB 411</td> <td><input type="checkbox"/> SOC 100*DS</td> </tr> <tr> <td><input type="checkbox"/> PHRM 203</td> <td><input type="checkbox"/> PSY 100*DS</td> </tr> </table> <p>All of the following:</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> FSHN 311</td> <td><input type="checkbox"/> FSHN 312</td> <td><input type="checkbox"/> FSHN 322</td> <td><input type="checkbox"/> FSHN 381</td> </tr> <tr> <td><input type="checkbox"/> FSHN 440</td> <td><input type="checkbox"/> FSHN 451</td> <td><input type="checkbox"/> FSHN 452</td> <td><input type="checkbox"/> FSHN 467</td> </tr> <tr> <td><input type="checkbox"/> FSHN 468</td> <td><input type="checkbox"/> FSHN 469</td> <td><input type="checkbox"/> FSHN 480</td> <td><input type="checkbox"/> FSHN 488</td> </tr> </table>	<input type="checkbox"/> BIOL 340 or CMB 411	<input type="checkbox"/> SOC 100*DS	<input type="checkbox"/> PHRM 203	<input type="checkbox"/> PSY 100*DS	<input type="checkbox"/> FSHN 311	<input type="checkbox"/> FSHN 312	<input type="checkbox"/> FSHN 322	<input type="checkbox"/> FSHN 381	<input type="checkbox"/> FSHN 440	<input type="checkbox"/> FSHN 451	<input type="checkbox"/> FSHN 452	<input type="checkbox"/> FSHN 467	<input type="checkbox"/> FSHN 468	<input type="checkbox"/> FSHN 469	<input type="checkbox"/> FSHN 480	<input type="checkbox"/> FSHN 488		
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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: Maria Stewart, PhD; AgSci 314M; (808) 956-9114; mstew@hawaii.edu