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| UHM General Education Core Requirements |
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| Foundations |
| * FW ENG 100, 100A, 190, ESL 100, or AMST 111 |
| * FQ\* MATH 140, 161, 203, 215, 241, NREM 203, BUS 250 |
| * FG (A / B / C) |
| * FG (A / B / C) |
| *\*Note: This requirement changed in Fall 2018. If you entered the UH System prior to that, please see your college/school advisor.* |
| Diversification |
| * DA COMG 151 or 251 |
| * DH / DL |
| * DB BIOL 171 |
| * DP CHEM 161, 171 |
| * DY BIOL 171L, CHEM 171L |
| * DS |
| * DS |
| *\* See degree, college and major requirements for courses that can also fulfill these.* |
| **UHM Graduation Requirements** |
|  |
| Focus |
| * H |
| * E (300+) |
| * O (300+) |
|  |
| * W |
| * W |
| * W |
| * W (300+) |
| * W (300+) |
|  |
| Hawaiian / Second Language |
| * The Hawaiian or Second Language requirement is **not** required for students admitted to the Food Science and Human Nutrition program. |
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| **Credit Minimums** |
| * 120 total applicable |
| * 30 in residence at UHM |
| * 45 upper division (300+ level) credits |
| **Grade Point Average** |
| * 2.0 cumulative or higher *(Note: Other GPAs may be required)* |
| * Good academic standing |

*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.*

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| College Requirements |
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| **CTAHR Required Set of Interrelated Courses** |
| * COMG 151\*DA or 251\*DA |
| * NREM 310 |
| * Internship or capstone course (FSHN 494) |
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| **Credit Minimums** |
| * 120 total applicable |
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| **Major Requirements for BS in Food Science and Human Nutrition** | |
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| Admission: Freshmen = Open; Transfer = Min. entrance GPA of 2.0 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 | |
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| **Requirements** | |
| **Food Science and Human Nutrition Required Supporting Courses (28 credits)** | |
| ❑ BIOL 171\*DB / 171L\*DY ❑ MBBE 375 or 402, BIOC 341, 441  ❑ CHEM 161\*DP / ❑ 161L\*DY or CHEM 171\*DP ❑ MICR 130  ❑ CHEM 162\*DP / ❑ 162L\*DY or CHEM 171L\*DY ❑ MICR 140L  ❑ CHEM 272\*DP ❑ PHYS 151  ❑ MATH 140, 161, 203, 215, 241, NREM 203, or BUS 250 | |
|  | |
| **Food Science Core Courses (32 credits)** | |
| **All** of the following:  ❑ FSHN 181 / ❑ 181L\*DY  ❑ FSHN 185\*DB ❑ FSHN 381 ❑ FSHN 381L ❑ FSHN 403  ❑ FSHN 411 ❑ FSHN 430 ❑ FSHN 430L ❑ FSHN 440  ❑ FSHN 445 ❑ FSHN 460 ❑ FSHN 494 | |
|  | |
| **Food Science Options (choose only one option)** | |
| * **Business Option**   **(18-19 credits)** | **All** of the following:  ❑ ACC 201 or TPSS 341 ❑ BUS 312 or TPSS 322  ❑ BUS 315 or TPSS 351 ❑ ECON 130  ❑ IS 250 or HDFS 350 ❑ MATH 140 or see above |
| * **Pre-Professional Option**   **(15 credits)** | **All** of the following:  ❑ CHEM 272L ❑ CHEM 273 ❑ MATH 215  ❑ MATH 216 ❑ PHYS 152 |
|  | |
| **Notes** | |
| CTAHR Academic Advising Office:  Gilmore 1st floor; [ctahradv@hawaii.edu](mailto:ctahradv@hawaii.edu)  Appointments are required to see an advisor; please visit [ctahradv.youcanbook.me/](https://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) | |

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