**Applied Local Food System Minor and Concentration (ENV major)**

**Proposed Curriculum and Projected Semester-by-Semester Schedule**

**Program Goals.**The overall goal of the ALFS Minor and Concentration (for ENV majors) is to create a truly cross-disciplinary program where students, instructors, community internship host sites, and community members learn through collaboration. As a cohort, ALFS students apply their learnings to creating innovative solutions to local food system challenges by improving equity, environmental function and ecosystem services, and economic viability and contributing to the enhancement and construction of resiliency and equity within the larger global food system.

Students completing this minor will

1. Describe, critically analyze, and evaluate historical, current, and potential future factors, themes, and concepts related to the social, political, economic, environmental, and cultural issues of local and global food systems.
2. Analyze and critically assess relationships between place, culture, and food systems to elucidate issues of power and social justice that drive food inequities.
3. Identify, question, and take responsibility for their personal and professional roles in the local, regional, and global food systems.
4. Apply conceptual, theoretical, and applied food systems concepts and knowledge to designing solutions to real-world local food system challenges in Indianapolis.
5. Develop and practice workforce skills such as oral and written communication, working with diverse groups of people, team work, project management, leadership, etc.
6. Create a vocational identity which will help shape their personal and professional sense of self.

**Curricular and Other Requirements.** To receive an ALFS degree or concentration designation, students must complete at least four classes at 3-credit hours (in one case, 2-credit hours), for a minimum of 11-12 credits and a year-long Applied Local Food Systems Solutions Experience for 8-credit hours. One of the four classes—ENV405: Food Systems and Metabolic Rift—is required for all students completing the ALFS degree. The remaining courses can be replaced with alternate food-focused courses on campus such as those listed below or by permission from the program director. We anticipate additional courses being added to the alternate course list through the NSF-funded program and the faculty-staff learning community currently underway.

Students will ideally begin the internship experience during the spring of their third-year and complete it in the fall semester of their fourth-year, allowing them to experience a full season of local food production and enabling them to bring together what they have learned in other classes in the minor and their particular major into solving real-world local food system problems.

Students majoring in Environmental Studies (ENV) that complete this coursework will receive a concentration designation on their transcripts. Students in other majors can complete the coursework as a minor. Students pursuing a minor in Environmental Studies may earn a minor in ALFS with special permission to ensure minimal course overlap. The ALFS degree has no prerequisites to maximize the diversity of students enrolled. Completion of the minor will also enable students to complete core curriculum ICR & SJD requirements.

**List of Courses to be Offered in the Program (\*can be replaced with alternate courses)**

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| --- | --- | --- | --- | --- | --- |
| **Course Number** | **Course Title** | **Instructor** | **Designation (if applicable)** | **Credit Hours** | **Semester offered** |
| ENV405 | Food Systems and Metabolic Rift | Julia Angstmann | ICR | 3 | Every spring |
| \*ENV400 | Sustainability Practicum: Food Waste | Jamie Valentine | ICR | 3 | Every spring |
| \*ENV340 | (In)Justice in Food Systems | Jamie Valentine | SJD | 3 | Every fall |
| \*ENV345 | Agroecology | Julia Angstmann |  | 2, 8-weeks course | TBD |
| *Applied Local Food Systems Solutions* |
| ENV411 | Environmental Studies Internship | Julia Angstmann & Jamie Valentine |  | 6 | Every fall & spring |
| ST400 | Internship Workshop | Julia Angstmann & Jamie Valentine |  | 2 | Every fall & spring |
| **Total** |  |  |  | **19-20** |  |

*Alternate Courses (\*)*

ENV400 Sustainability Practicum: Food Waste, ENV340 (In)Justice in Food Systems, and ENV345 Agroecology may be switched out for the following upper level electives or with other food-focused courses that are pre-approved by the program director. Students intending on completing an internship with a farm partner will be strongly encouraged to complete the ENV345 Agroecology course in preparation for their internship. Alternate courses are not offered regularly enough to be required as part of the degree’s coursework, but offer more content and disciplinary options to students. This also offers contingency courses in the case that the primary courses cannot be offered in any given semester.

\*PO387 (3 cr.)

Agriculture and Food Justice as a Social Movement (offered every fall)

Prerequisites: none

Terri Jett

\*SW280-ST (3 cr.)

Science and Society: Hunger & Obesity (offered every fall)

Prerequisites: none

Jesse Van Gerven

\*RX499/BSHS499 (3 cr.)

Sustainable Healthy Nutrition (offered every spring)

Prerequisites: Allow only COPHS students, except by permission of instructor

Jane GervasioAt least

\*ORG358 (3 cr.) - ICR Designated Course

Communication and Social Responsibility (offered every spring)

Prerequisites: none

Lindsay Ems

**Proposed Semester-by-Semester Schedule**

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| *The following series of courses, totaling 8 credit hours, must be completed, beginning in the fall semester of their third-year.* |
| **Fall (typically 3rd year)** | **Spring (required 3rd year & ENV405)** | **Fall (4th year)** | **Spring (4th year)** |
| ENV405 (ICR) | ENV411 | ENV411 |  |
|  | ST400 | ST400 |  |
| *The following courses may be completed any semester in which they are offered in the student’s 3rd or 4th year. Some exceptions may be made for 2nd year students. A total of 11-12 credits must be completed from the following courses.* |
| **Fall Semester Offering** | **Spring Semester Offering** |
| ENV340 (SJD) | ENV400 (ICR) |
| PO387 | ENV345  |
| SW280 | ORG358 |
|  | RX499/BSHS499 |