

# SUSTAINABLE AGRICULTURE & FOOD SYSTEMS (SAF)

College of Agricultural & Environmental Sciences

## SAF 090 – SA & FS Seminar (1-2 units)

*Course Description:* Introductory or survey topics within Sustainable Agriculture & Food Systems.

*Learning Activities:* Seminar 1-3 hour(s).

*Repeat Credit:* May be repeated when topic differs.

*Grade Mode:* Pass/No Pass only.

## SAF 090X – SA & FS Portfolio (1-4 units)

*Course Description:* SA&FS Portfolios are designed to complement interdisciplinary, academic coursework by supporting student development of each of the SA&FS Student Learning Outcomes: Systems Thinking, Experimentation & Inquiry, Understanding Values, Interpersonal Communication, Strategic Management, Civic Engagement and Personal Development.

*Prerequisite(s):* Consent of instructor.

*Learning Activities:* Workshop 3-12 hour(s).

*Enrollment Restriction(s):* Restricted to Sustainable Agriculture & Food Systems majors with lower-division standing or consent of instructor.

*Repeat Credit:* May be repeated.

*Grade Mode:* Pass/No Pass only.

## SAF 092 – Internship (1-12 units)

*Course Description:* Lower-division internship for students enrolled in the Sustainable Agriculture & Food Systems program of study.

*Prerequisite(s):* Consent of instructor.

*Learning Activities:* Internship 3-36 hour(s), Variable 1 hour(s).

*Enrollment Restriction(s):* Restricted to Sustainable Agriculture & Food Systems majors or with consent of instructor; non-majors by consent of instructor.

*Repeat Credit:* May be repeated 12 unit(s).

*Grade Mode:* Pass/No Pass only.

## SAF 098 – Directed Group Study (1-5 units)

*Course Description:* Group study on focused topics in Sustainable Agriculture & Food Systems. Varies according to instructor. Course plan is adapted to student need and interest in conjunction with the expertise of the instructor.

*Prerequisite(s):* Consent of instructor.

*Learning Activities:* Variable 3-15 hour(s).

*Enrollment Restriction(s):* Restricted to Sustainable Agriculture & Food Systems major or with consent of instructor.

*Repeat Credit:* May be repeated.

*Grade Mode:* Pass/No Pass only.

## SAF 099 – Special Study for Undergraduates (1-5 units)

*Course Description:* Under faculty supervision, students pursue a special or individualized course of study related to Sustainable Agriculture & Food Systems.

*Prerequisite(s):* Consent of instructor.

*Learning Activities:* Independent Study 3-15 hour(s).

*Repeat Credit:* May be repeated.

*Grade Mode:* Pass/No Pass only.

## SAF 165 – Irrigation Practices for an Urban Environment (3 units)

*Course Description:* Basic design, installation, and operation principles of irrigation systems for turf and landscape: golf courses, parks, highways, public buildings, etc. Emphasis on hardware association with sprinkler and drip/trickle systems.

*Prerequisite(s):* PHY 001A.

*Learning Activities:* Lecture/Discussion 2 hour(s), Project.

*Cross Listing:* ABT 165.

*Grade Mode:* Letter.

*General Education:* Science & Engineering (SE); Quantitative Literacy (QL); Visual Literacy (VL).

## SAF 191A – Workshop on Food System Sustainability (3 units)

*Course Description:* First in a two-quarter senior capstone course sequence. Identify projects addressing specific problems and opportunities of sustainable agriculture and food systems, form multidisciplinary teams, and identify and consult with key stakeholders to understand their needs and concerns.

*Prerequisite(s):* PLS 015; CRD 020; ARE 121; PLS 150; or consent of instructor; upper division standing.

*Learning Activities:* Laboratory 1 hour(s), Lecture 2 hour(s).

*Enrollment Restriction(s):* Pass One open to senior students in the Sustainable Agriculture & Food Systems major.

*Credit Limitation(s):* No credit to students who have taken ESP 191A.

*Grade Mode:* Letter.

## SAF 191B – Workshop on Food System Sustainability (3 units)

*Course Description:* Continuation of SAF 191A. Teams conduct analyses of a specific issue in sustainable agriculture or food systems, prepare a critical assessment of technological, economic, environmental, and social dimensions of options for action and present their results to stakeholders.

*Prerequisite(s):* ESP 191A or SAF 191A.

*Learning Activities:* Lecture 2 hour(s), Laboratory 1 hour(s).

*Enrollment Restriction(s):* Pass One open to senior students in the Sustainable Agriculture & Food Systems major.

*Credit Limitation(s):* No credit to students who have taken ESP 191B.

*Grade Mode:* Letter.

## SAF 192 – Internship (1-12 units)

*Course Description:* Upper-division internship for students enrolled in the Sustainable Agriculture & Food Systems program of study.

*Prerequisite(s):* Consent of instructor; upper division standing.

*Learning Activities:* Internship 3-36 hour(s), Variable 1 hour(s).

*Enrollment Restriction(s):* Restricted to Sustainable Agriculture & Food Systems majors or non-majors by consent of instructor.

*Repeat Credit:* May be repeated 12 unit(s).

*Grade Mode:* Pass/No Pass only.

### **SAF 197T – Tutoring in Sustainable Agriculture & Food Systems (1-5 units)**

*Course Description:* Undergraduates assist the instructor by tutoring students in regularly scheduled courses that fulfill SA&FS major requirements.

*Prerequisite(s):* Consent of instructor; upper division standing.

*Learning Activities:* Tutorial 3-15 hour(s).

*Repeat Credit:* May be repeated.

*Grade Mode:* Pass/No Pass only.

### **SAF 197TC – SA&FS Tutoring in the Community (1-5 units)**

*Course Description:* Undergraduates assist the instructor by tutoring in the community in settings related to Sustainable Agriculture & Food Systems.

*Prerequisite(s):* Consent of instructor; upper division standing.

*Learning Activities:* Tutorial 3-15 hour(s).

*Repeat Credit:* May be repeated.

*Grade Mode:* Pass/No Pass only.

### **SAF 198 – Directed Group Study (1-5 units)**

*Course Description:* Group study on focused topics in Sustainable Agriculture & Food Systems. Varies according to instructor. Course plan is adapted to student need and interest in conjunction with the expertise of the instructor.

*Prerequisite(s):* Consent of instructor; upper division standing.

*Learning Activities:* Variable 3-15 hour(s).

*Enrollment Restriction(s):* Restricted to Sustainable Agriculture & Food Systems major or with consent of instructor.

*Repeat Credit:* May be repeated.

*Grade Mode:* Pass/No Pass only.

### **SAF 199 – Special Study for Advanced Undergraduates (1-5 units)**

*Course Description:* Under faculty supervision, advanced students pursue a special or individualized course of study related to Sustainable Agriculture & Food Systems.

*Prerequisite(s):* Consent of instructor; upper division standing.

*Learning Activities:* Independent Study 3-15 hour(s).

*Repeat Credit:* May be repeated.

*Grade Mode:* Pass/No Pass only.