UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 1

Fall 2024

---COURSES---

Course information under the heading titled *Current* will show strikethroughs for deletions, and text under *Proposed* will show underlines for additions. The column to the far right indicates the date each change becomes effective.

Subject	Course Number	New Revise Drop	Current	Proposed	Effective Date
ART	311	New	--N/A--	**Seminar in Visual Literacy** 3 Discussion of content, impact, purpose, audience, and ownership of visual messages, including topics such as synesthesia, AI images, reality TV, deep fakes, mockumentaries, phenomenology, semiotics, hallucinations, optical illusions, maps, advertising, infographics, Op Art, iconography, iconoclasms, cultural bias and blind spots, political cartoons, police body cams, and musical notation. Typically offered Spring.	8-25
ART	359	New	--N/A--	**Studio Fabrication** 3 (0-6) May be repeated for credit; cumulative maximum 9 credits. Introduction to 2D and 3D digital fabrication techniques with software and hardware including 3D printers, scanners, laser cutters, and CNC machines; integration of technologies with traditional fabrication methods. Typically offered Fall and Spring.	1-25
BIOLOGY	438	Revise	**Animal Behavior** 3 ~~(2-3)~~ Course Prerequisite: BIOLOGY 106. ~~Biological study of animal behavior as viewed from ethological, genetic, developmental, ecological, and evolutionary perspectives.~~	**Animal Behavior** 3 Course Prerequisite: BIOLOGY 106. <u>Biological study of animal behavior as viewed from genetic, developmental, physiological, ecological, and evolutionary perspectives. Typically offered Spring.</u>	1-25
ECE	251	New	--N/A--	**Programming for Electrical Engineers** 4 (3-3) Course Prerequisite: MATH 108 or MATH	8-25

				171 with a C or better; or concurrent enrollment in MATH 171; or minimum ALEKS math placement score of 78%. Introduction to the C and MATLAB programming languages and application to engineering problem solving; data structures, input/output functions; flow control, and pointers in C; matrix operations, plots, and working with data files in MATLAB; laboratory use of integrated development environments and debugging tools. Typically offered Fall.	
FS	350	Revise	**Instrumental and Sensory Analysis of Food** 5 (3-6) Course Prerequisite: CHEM 345; FS 110 or 201; FS 302 and 303; STAT 212. Evaluation of the chemical and physical properties of foods including both sensory and instrumental analysis. Typically offered Spring. Cooperative: Open to UI degree-seeking students.	**Instrumental and Sensory Analysis of Food** 3 (2-3) Course Prerequisite: CHEM 106; FS 110 or 201; STAT 212. Evaluation of the chemical and physical properties of foods including both sensory and instrumental analysis. Typically offered Spring. Cooperative: Open to UI degree-seeking students.	1-25
FS	450 / 550	New	--N/A--	**Advanced Instrumental and Sensory Analysis of Food** 3 (2-3) Course Prerequisite: FS 350. Advanced evaluation of the chemical and physical properties of foods including both sensory and instrumental analysis. Credit not granted for both FS 450 and 550. Offered at 400 and 500 level. Typically offered Fall. Cooperative: Open to UI degree-seeking students.	8-25