UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 6

Fall 2022

---COURSES---

Faculty Senate approved January 19, 2023

The courses listed below reflect the undergraduate and professional major curricular changes approved by the Catalog Subcommittee. The 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. Note: Items marked **{S}** have been streamlined and do not require Catalog Subcommittee review.

Subject	Course Number	New Revise	Current	Proposed	Effective Date
BIO ENG	**210**	**Revise**	~~**Bioengineering Analysis** 2 (1-3) Course Prerequisite: CHE 201 with a C or better; MATH 220 or concurrent enrollment. Analytical problem solving, modeling and computer methods for bioengineering applications. Typically offered Spring.~~	**Bioengineering Problem Solving** 3 Course Prerequisite: CHE 201 with a C or better; MATH 315 with a C or better or concurrent enrollment. Methods for analysis and problem solving in bioengineering; introduction to mathematical modeling, programming, and numerical methods for bioengineering applications. Typically offered Fall.	**8-23**
BIO ENG	**305**	**New**	**--N/A--**	**Bioengineering Ethics and Professional Development** 3 Course Prerequisite: Admitted to the major in Bioengineering. Ethical topics in bioengineering, including responsibilities to society and scientific conduct; topics related to the professional development of bioengineers. Typically offered Spring.	**8-23**
BIO ENG	**315**	**New**	**--N/A--**	**Thermodynamics and Kinetics in Biological Systems** 3 Course Prerequisite: BIO ENG 210 with a C or better or concurrent enrollment; CHE 201 with a C or better. Fundamental concepts and laws, property relationships, coupled phenomena, as well as theoretical modeling and experimental analysis applied to	**8-23**

				biological processes and regulation. Typically offered Fall.	
BIO ENG	**325**	**New**	**--N/A--**	**[M] Introduction to Bioengineering Research and Clinical Instrumentation** 2 (1-3) Course Prerequisite: MATH 315; MBIOS 303 with a C or better or concurrent enrollment; PHYSICS 202 and 212 with a C or better. Principles of measurement systems for bioengineering applications, data analysis, and troubleshooting. Typically offered Fall.	**8-23**
BIOLOGY	**105**	**Revise**	**General Biology Laboratory** 1 (0-3) Course Prerequisite: Junior standing. Enrollment not allowed if credit for BIOLOGY 102 already earned or if enrolled in BIOLOGY 102. Understanding biology as a science and its effect on issues within society. Laboratory only. Credit not granted towards elective requirements for majors in the School of Biological Sciences. Typically offered Fall, Spring, and Summer.	**[BSCI] General Biology Laboratory** 1 (0-3) Course Prerequisite: Junior standing. Enrollment not allowed if credit for BIOLOGY 102 already earned or if enrolled in BIOLOGY 102. Understanding biology as a science and its effect on issues within society. Laboratory only. Credit not granted towards elective requirements for majors in the School of Biological Sciences. Typically offered Fall, Spring, and Summer.	**1-23**
COM	**300**	**Revise**	**[M] Writing in Communication** 3 ~~(0-6)~~ Course Prerequisite: COM 101; COM 102; COM 105; COM 138; admitted to a major or minor in the College of Communication; sophomore standing; cumulative GPA of a 2.70 or higher. Writing for a variety of communication professions, including advertising, broadcasting, print journalism, public relations, and science communication. Typically offered Fall, Spring, and Summer.	**[M] Writing in Communication** 3 (2-2) Course Prerequisite: COM 101; COM 102; COM 105; COM 138; admitted to a major or minor in the College of Communication; sophomore standing; cumulative GPA of a 2.70 or higher. Writing for a variety of communication professions, including advertising, broadcasting, print journalism, public relations, and science communication. Typically offered Fall, Spring, and Summer.	**8-23**
FINE ART	**306**	**New**	**--N/A--**	**[M] A History of Collecting and Museums** 3 An exploration of the history of museums and collecting as dynamic processes with a fundamental goal of	**8-23**

				contextualizing the presence of the past for the beholder. Typically offered Fall.	
FINE ART	**309**	**New**	**--N/A--**	**[M] Experiencing Ancient Making** 3 Investigating ancient objects, representations of objects, and their makers, including movement of objects and production process issues. Typically offered Fall.	**8-23**
KIN ACTV	**148**	**New**	**--N/A--**	**Intermediate Basketball** 1 (0-2) May be repeated for credit; cumulative maximum 4 credits. Typically offered Fall and Spring. S, F grading.	**1-24**
KIN ACTV	**150**	**New**	**--N/A--**	**Pickleball for Beginners** 1 (0-2) May be repeated for credit; cumulative maximum 4 credits. Typically offered Fall and Spring. S, F grading.	**1-24**
POL S	**320**	**New**	**--N/A--**	**Politics and Current Affairs** 3 May be repeated for credit; cumulative maximum 9 credits. Current trends in politics and public policy. Typically offered Fall.	**8-23**
UNIV	**250**	**Revise**	**Success in College and Beyond** 1 ~~Skills and strategies that are critical for college success, professional development, and personal growth. S, F grading.~~	**Success in College and Beyond** 1 Academic skills and strategies that are critical for college success and personal growth.	**8-23**
VIT ENOL	**423**	**New**	**--N/A--**	**Sensory Evaluation of Food and Wine Laboratory** 1 (0-3) Course Prerequisite: VIT ENOL 422 or concurrent enrollment. Principles and application of sensory evaluation techniques for the evaluation of the appearance, aroma, flavor, and texture of wine. Typically offered Spring.	**1-23**