

UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 6

Fall 2022

---COURSES---

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.	<u>Bioengineering Problem Solving 3</u> <u>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.</u>	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 biological processes and regulation. Typically offered Fall.	8-23

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 contextualizing the presence of the	8-23

				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 <u>Academic skills and strategies that are critical for college success and personal growth.</u>	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