

From: ciac@mail.csuchico.edu <ciac@mail.csuchico.edu> **On Behalf Of** Eric Chau
Sent: Monday, October 03, 2022 8:18 AM
To: ciac@mail.csuchico.edu
Subject: [ciac] UC Merced 2022-2023 Major and Curriculum Updates

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Hello CIAC Community,

UC Merced has published the 22-23 ASSIST Major, Department and Prefix agreements. Below are the changes to this year's curriculum.

UC Merced 2022-2023 Catalog: <https://catalog.ucmerced.edu/>

New Courses

- BIO 040L: Course-Based Undergraduate Research Experience: Genetic Discovery on the Fly
- ENG 022: Love and its Languages
- ENG 034: Literatures of Asian America
- ENG 060: Science Fiction & Climate Disaster
- ENG 061: Native American Memoir
- ENGR 080: Statistical Modeling and Data Analysis for Engineers
- ESS 011: Climate Justice (Cross-listed with MIST 011: Climate Justice)
- GASP 034B: Art of Passion
- GASP 034C: Poetry without Fear
- MIST 060: Introductory Data Analytics
- PH 010: Introduction to Biostatistics

Terminated Courses

- PHYS 012: Light, Color and Vision

Changes to Existing Majors

- Effective for Fall 2023, the "English" major will change its name to "Literatures in English."
 - Two Optional Tracks are available (The Literatures in English is the general track)
 - Literature and Social Justice
 - Literature and Environment
 - The Literatures in English and optional tracks are open to Transfer Students during this year's UC Application Cycle Oct 1st to Nov 30th.
- Effective for Fall 2023, Transfer Students majoring in Bioengineering, B.S. must choose one of the two emphasis tracks for the Bioengineering major:
 1. Bioengineering, Biomedical Imaging and Bioinstrumentation Emphasis, B.S.

2. Bioengineering, Biotechnology Emphasis, B.S.
 - The Physics Majors offers two new Emphasis:
 - Physics, Computation and Data Science Emphasis, B.S.
 - Physics, Engineering And Applied Physics Emphasis, B.S.

Physics Emphasis Changes

- Physics, Biophysics Emphasis, B.S. changed to Physics, Biophysics and Soft Matter Emphasis
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- Physics, Computational and Mathematical Physics, B.S. changed to Physics, Mathematical and Computational Physics Emphasis
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- Physics, Atomic/Molecular/Optical/Condensed Matter Emphasis, B.S. changed to Physics, Quantum Science and Technology Emphasis

Changes to Selection

- Computer Science and Engineering (CSE)
 - Effective for Fall 2024 applicants, CSE Faculty have proposed CSE 030 (Data Structures) with a grade of C or better to be completed for selection.
 - For this reason, Fall 2024 applicants are strongly encouraged to complete CSE 030 (C or better) by the end of the Spring 2024 semester/quarter
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- Bioengineering, Biomedical Imaging and Bioinstrumentation Emphasis and Bioengineering, Biotechnology Emphasis
 - Effective for Fall 2023 applicants, Bioengineering faculty have proposed that BIOE 002 (Molecular Biology for Engineers) and BIOE 002L (Molecular Biology for Engineers Laboratory) and CHEM 010 (General Chemistry II) to be additional requirements to the existing Bioengineering selection requirements.
 - Transfer Students can complete BIO 002 (Intro to Molecular Biology)/002L (Intro to Molecular Biology Lab) in lieu of BIOE 002/002L for selection, please see ASSIST major agreements for more information.

Please let me know if you have any questions.

Thank you!

All the Best,
Eric

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