Curriculum Register

October 19, 2021

This publication contains proposed curriculum changes, organized into the following sections:

I. **Campus-Wide Proposal Sharing,** which includes a synopsis of course and program proposals that have been submitted for review to their department curriculum committee and program faculty, and new program proposals that have been approved by the Board of Trustees to appear on the CSUDH Academic Master Plan.

II. **Status of Curriculum Proposals**

a. **Approved Curriculum Proposals**, which includes completed information on course proposals that have been reviewed and approved by the College Curriculum Committee and program proposals that have been approved by the University Curriculum Committee (UCC), and require no additional review by the university president and/or Office of the Chancellor; and

All proposals must complete each step in the curriculum review process:

New Degree Programs & Program Modifications

New & Modified Courses

Moratorium for Proposals in Campus-wide Sharing Stage:

The Campus-wide Sharing section of the Curriculum Register contains only a summary of the curriculum proposal. There will be a 10 working-day moratorium, starting from the publication date of the Curriculum Register, during which departments, deans, or individual faculty may raise objections or concerns to the proposing faculty and College Curriculum Committee.

After the College Curriculum Committee has been contacted with objection, the objector has 10-working days to review the entire proposal and submit a formal objection in writing. Please review the Process for Objections to Curriculum Proposals for more information related to the objections process.

Moratorium Date: November 2, 2021

Once the moratorium date has passed for campus-wide sharing and no objections are received, the proposal will continue through the stages of the curriculum review process.

The Office of Academic Programs produces the Curriculum Register. Any questions or comments should be directed to the Office of Academic Programs at creview@csudh.edu or at (310) 243-3308.

Campus-Wide Proposal Sharing

The following course and program proposals have been submitted for review to their department curriculum committee and program faculty.

College of Arts and Humanities

Program/Course Name: ENG 317 Sociolinguistics: Black English
Proposer: Iara Mantenuto
Type of Change: Course Modification – GWAR-Certifying
Course Description: This course examines the linguistic features and the cultural, social, historic, and communicative aspects of Black English in the US and across the African and African American diaspora. Students will learn how to create community-based research to explore the past, present, and future of Black English in a globalized society and in educational discourse. Students will then learn the writing conventions of sociolinguistics research and critically reflect on our own intersectional experiences and interactions with Black English, in order to position ourselves as sociolinguistics within the broader scholarly and academic community.
Summary of Change and Rationale: The purpose of this course modification is to add the designation of GWAR-certifying to ENG 317 Sociolinguistics: Black English. The class content and its outcomes are not changing, the only difference from before the course modification is the expansion of the writing instruction. Students will learn how to write a linguistic research paper throughout the semester through a series of activities and writing assignments. We have also changed the title of the course to a more appropriate title that better captures the content of the course, such title is, "Black English Language and Culture."

College of Business Administration & Public Policy

Program/Course Name: B.S. Business Administration: Information Systems Concentration
Proposer: Myron Sheu
Type of Change: Program Modification
Course Description:
Summary of Change and Rationale: Adding CIS 380 - Introduction to Programming for Data Analysis and Visualization as an elective course to the Information Systems concentration in the B.S. in Business Administration. CIS 380 is an existing course.

College of Education

No submissions received.

College of Extended & International Education

No submissions received.

College of Health, Human Services, & Nursing

Program/Course Name: CDV 150 Introduction to Child Development
Proposer: Cornelia Brentano
Type of Change: Course Modification/LDGE Area D
Course Description: This course will provide an overview of physical, cognitive, social, and emotional development from conception through the end of adolescence; theoretical advances in child development; and individual and contextual contributions to developmental processes.
Summary of Change and Rationale: The Department of Child Development requests approval to designate CDV 150 as a GE Area D course. Introduction to Child/Human Development is offered as a GE course at most universities because it provides fundamental knowledge about human development. To promote self-understanding, students require the opportunity to learn about the basics of their own physical, cognitive, and socio-emotional development. Most CSUDH students will be parents or are already parenting; many will work with children in diverse settings. Thus, understanding fundamental concepts of developmental stages is critical to the healthy adjustment of our students and will support the well-being of their children and families.

Program/Course Name: MSN 513 Healthcare Policy and Economics
Proposer: Cynthia Johnson
Type of Change: Course Modification
Course Description: Online course exploring Healthcare Policy/Economics and public policymaking at the state, national and international levels as it relates to the current healthcare and economic environment. Evidence-based strategies and policy models will be introduced to apply the policy making process.
Summary of Change and Rationale: The proposed change is to update the course description, Student Learning Outcomes, outline, and assignments to the current course utilization. This course is one of the five core beginning courses for the Master of Science in Nursing program. This change will partially satisfy the following American Association of Colleges of Nursing (AACN) standard as part of the accreditation requirements for the MSN graduate program curriculum as listed in the following two documents:

1. The AACN Essentials of Master's Education in Nursing (2011) - Essential VI (Health Policy and Advocacy) - Essential VI: Health Policy and Advocacy Recognizes that the master's-prepared nurse is able to intervene at the system level through the policy development process and to employ advocacy strategies to influence health and health care. Some of the sample content include: Policy process: development, implementation, and evaluation; Structure of healthcare delivery systems; Theories and models of policy making; Policy-making process at various levels of government; Globalization and global health; Policy making environments: values, economies, politics, social; Ethical and value-based frameworks guiding policy making; General principles of microeconomics and macroeconomics, accounting, and marketing strategies; Economics of health care; Political activism; Health disparities; Social justice; Interaction between regulatory processes and quality control.
2. AACN The Essentials -Core Competencies for Professional Nursing Education - Draft (2021) – New essentials objectives:
    3.5 Demonstrate advocacy strategies.
    3.5h Engage in relationship-building activities with stakeholders at any level of influence, including system, local, state, national, and/or global.

College of Natural & Behavioral Sciences

Program/Course: B.S. Biophysics
Proposer: Horace Crogman
Type of Change: New Program
Summary of changes/rationale for need: The goal of the Biophysics major is to provide students with an undergraduate background that will enable them to enter competitive graduate programs in biophysics, molecular biology, and biological physics. It also aims at providing students with a solid, quantitative background for careers in the medical field of the future as well as in molecular biology, neuroscience, and biological physics which are all emerging as important and rapidly developing areas of physics. The major is designed to provide students with a flexible scientific/hands-on training that allows them to explore these different career paths and tailor their class work to their scientific interests. The program aims at providing an opportunity to the students to become scientific leaders, bringing the analytic and experimental techniques of different fields to bear on the fascinating world of the physics of living systems. After the successful completion of the physics program, physics majors should be able to: • demonstrate a thorough comprehension of the core concepts of biology, chemistry and physics and how they interconnect in biophysical systems ("concepts"). • effectively communicate biophysics content through both written reports and oral presentation ("scientific communication"). • assess the validity of physical theories in biophysics through the design and execution of an experiment, the analysis of the data using appropriate statistical and computational methods and the interpretation of the data to draw valid scientific conclusions ("lab skills"). • solve physics and biophysics problems using the appropriate methods in mathematical, theoretical and computational physics ("problem solving"). • apply their physics and biophysics experience and knowledge to analyze new biophysical situations and to develop and refine experimental methods for new biophysical applications ("applications").

Program/Course: BPH 201 Seminar I: Introduction to Biophysics
Proposer: Horace Crogman
Type of Change: New Course
Course Description: This course is designed to inform students about the field of physics and its career applications. Students will be taught how write resumes and personal statements. They will work out their pathways for the next four years in the format of an action plan which will include their research path. Information about REUs will be disseminated and students will be mentored on how to and prep for these applications. There will be a focus on college success in this course to help students navigate college systems.
Summary of changes/rationale for need: The Physics Department has designed a new interdisciplinary course designed to suit the careers of students who intend to be involved in the field of Biotechnology, Biological Sciences or Medicine. Specifically, the course is introduction to Biophysics built to provide understanding of elements of Physics, Biology, Chemistry, and Mathematics that comes together in biology physics. Student will have the opportunity see state-of-the-art instrumentation that they will engage with. Information about REUs will be disseminated and students will be mentored on how to and prep for these applications. There will be a focus on college success in this course to help students navigate college systems.

Program/Course: BPH 202 Seminar II: The Art of Scientific Presentation
Proposer: Horace Crogman
Type of Change: New Course
Course Description: First semester of the physics and biophysics seminar series devoted to instruction on scientific presentations. Students give short presentations on topics of interest, and prepare a lengthy presentation on their research. Stress is laid on the preparation, execution, and critique of effective scientific presentations.
Summary of changes/rationale for need: The Physics Department has designed a new interdisciplinary course designed to suit the careers of students who intend to be involved in the field of Biotechnology, Biological Sciences or Medicine. Specifically, this The Art of Scientific Presentation course is built to provide students with training in scientific writing and preparing technical and poster presentations. The course integrates fully both classes and research and blurs its frontiers.

Program/Course: BPH 301 Research and Bioethics Seminar
Proposer: Horace Crogman
Type of Change: New Course
Course Description: PHYS 301 brings together all Physics and Biophysics majors involved in undergraduate research to provide a formal framework that student may become equipped with skills in abstract writing and poster preparation, understanding how to use the scientific literature, ethical parameters in research, form a community of scholars, and contextualize how their research fits into the big picture. This course seeks to highlight various bioethical issues and dilemmas—especially those that might have relevance in the national discourse about health care and science—and then develop strategies and ideas for how to research the issues at hand and also promote awareness about them among those in healthcare and, perhaps, the general public as well. Class time is primarily devoted to: learning about and practicing to write scientific abstracts and prepare posters, discussing bio ethics and having journal club style discussions on student-chosen papers.
Summary of changes/rationale for need: The Physics Department has designed a new interdisciplinary course designed to suit the careers of students who intend to be involved in the field of Biotechnology, Biological Sciences or Medicine. Specifically, this Research and Bioethics Seminar help students to understand the research process and understand the ethical implications and applications of the health-related life sciences. The course features elements of Physics, Biology, Chemistry, and Mathematics. The course integrates fully both classes and research and blurs its frontiers.

Program/Course: BPH 302 Seminar IV: Frontiers of Physic
Proposer: Horace Crogman
Type of Change: New Course
Course Description: This is the second course in the seminar series for the Biophysics major that fulfills the Advanced Integration component of the Core curriculum. This course focuses on exposure to the breadth of current physics-related research topics and understanding the impact and context of the research through the lens of other disciplines. These goals are achieved through attending seminars, meeting with scientists, and completing routine reading and writing assignments. The course culminates in a final project in which students investigate and articulate the connections of one of the covered research topics to another discipline.
Summary of changes/rationale for need: The Physics Department has designed a new interdisciplinary course designed to suit the careers of students who intend to be involved in the field of Biotechnology, Biological Sciences or Medicine. Specifically, this Biophysical Research course is built to provide research training for students. The course features elements of Physics, Biology, Chemistry, and Mathematics. Students will learn about a wide range of cutting-edge research topics such as: dark matter, global warming and alternative energy sources, biomechanics, graphene,

neutrinos, etc. They will also learn about how the research fits into the "big picture" by considering ethical, political, societal, technological and/or historical issues related to the research.

Program/Course: BPH 330 Biophysics
Proposer: Horace Crogman
Type of Change: New Course
Course Description: Biological physics introduces the interface between the two classic sciences. Physics principles and techniques are applied to questions and problems in biology with a focus on molecular and cellular biology.
Summary of changes/rationale for need: The Physics Department has designed a new interdisciplinary course designed to suit the careers of students who intend to be involved in the field of Biotechnology, Biological Sciences or Medicine. Specifically, the course Biophysics will allow student to see how physics can be applied to biology.The course features elements of Physics, Biology, Chemistry, and Mathematics. Tools used are state-of-the-art technologies such as smart boards, virtual goggles, and powerful laser and wet lab technology. The course integrates fully both classes and research and blurrs its frontiers. Students will create research portfolios, will work in groups and learn hands-on with concrete examples. Students will be exposed to tools within new research methodologies and will learn biological protocols.

Program/Course: BPH 402 Research Study
Proposer: Horace Crogman
Type of Change: New Course
Course Description: An independent research project supervised by a faculty mentor in the physics and biophysics department. A student seeking credit must take initiative to meet with faculty members to learn about their research interests and possible problems to research. Once a student has identified a faculty mentor and project, they can enroll in BPH 402 by completing the application form found on the website.
Summary of changes/rationale for need: The Physics Department has designed a new interdisciplinary course designed to suit the careers of students who intend to be involved in the field of Biotechnology, Biological Sciences or Medicine. Specifically, this Biophysical Research course is built to provide research training for students. The course features elements of Physics, Biology, Chemistry, and Mathematics. Tools used are state-of-the-art technologies such as smart boards, virtual goggles, and powerful laser and wet lab technology. Students will create research portfolios. Students will be exposed to tools within new research methodologies and will learn biological protocols.

Program/Course: BPH 450 Experimental Biophysics
Proposer: Horace Crogman
Type of Change: New Course
Course Description: The course will teach the techniques and the algorithms to study kinetic and equilibrium properties of classical models of molecules and polymers, mainly of biological interest. It provides an introduction to scientific computational methods and their application in physics. A range of numerical and symbolic computing techniques will be explored.
Summary of changes/rationale for need: The Physics Department has designed a new interdisciplinary course designed to suit the careers of students who intend to be involved in the field of Biotechnology, Biological Sciences or Medicine. Specifically, the course Computational is built to provide training for students on the various computational techniques use in biophysics .The course features elements of Physics, Biology, Chemistry, and Mathematics. The course integrates fully both classes and research and blurs its frontiers. Students will create research portfolios, will work in groups and learn hands-on with concrete examples.

Program/Course: BPH 460 Advance Microscopy
Proposer: Horace Crogman
Type of Change: New Course
Course Description: This course will center on quantitative fluorescence microscopy procedures utilized for imaging a run of natural examples, from cells to single atoms. Understudies will pick up a hypothetical understanding of, and hands-on encounter with, state-of-the-art gear utilized in quantitative fluorescence microscopy, counting: laser checking and turning disk confocal microscopy, deconvolution strategies, add up to inside fluorescence microscopy (TIRF), super-resolution strategies (organized light, STORM, and PALM), multi-photon microscopy, light sheet microscopy, and advanced picture preparing and examination.
Summary of changes/rationale for need: The Physics Department has designed a new interdisciplinary course designed to suit the careers of students who intend to be involved in the field of Biotechnology, Biological Sciences or Medicine. Specifically, this Advance Microscopy course is built to provide research training for students. The course features elements of Physics, Biology, Chemistry, and Mathematics. Tools used are state-of-the-art technologies such as smart boards, virtual goggles, and powerful laser and wet lab technology. The course integrates fully both classes and research and blurs its frontiers. Students will create research portfolios, will work in groups and learn hands-on with concrete examples. Students will be exposed to tools within new research methodologies such as latest imaging technologies and biological protocols.

Program/Course: POL 100 General Studies Political Science: World Perspectives
Proposer: Yea Ji Kim
Type of Change: Course Modification
Course Description: An introduction to world affairs and the role of the individual in an increasingly complex and interdependent international system. Both the conceptual and practical aspects of problem solving, and decision making are examined as they relate to international cooperation and conflict.
Summary of changes/rationale for need: POL 100 is a course that is part of Area D of the General Education requirements. Because of this, many students take the course. The course has long been part of the GE curriculum. However, in order to make the course more accessible to students, we wish to be able to offer some sections of the course as online and/or hybrid courses going forward. Many students at Dominguez Hills work full time and/or are parents of young children, therefore for our department to offer this GE course as a hybrid and fully online course means flexibility for the students that can help them to achieve their goals and move towards graduation. Offering hybrid and fully online courses is also in keeping with the goals of the university to increase the availability of courses that take our students' unique situations into account and allow them increased opportunities to take the courses that they need in order to complete their degree programs.
Allowing us to offer POL 100 as an online course does not bring the online course offerings for our major up to the 50% threshold.

Program/Course: POL 312 State and Local Government: Organization and Problems
Proposer: E. Annie Whetmore
Type of Change: Course Modification
Course Description: Analysis of functions of state and local government with particular emphasis on California. Examination of state-federal and state-local relations and the policy choices available for solving current problems. The course meets the statutory requirement for state and local government.
Summary of changes/rationale for need: POL 312 will be modified to allow for online instruction. This course was approved as a hybrid course years ago but was never modified as strictly online. Since hybrid courses are counted as online courses by Academic Programs and by WASC, this makes no change to our program mode-of-instruction status.

Program/Course: POL 314 American Political Parties and Elections
Proposer: E. Annie Whetmore
Type of Change: Course Modification
Course Description: A study of the dynamics of American political behavior, including the legal regulation of parties and of elections. Analysis of voting behavior and public opinion. Study of political party organization, membership, and leadership in the context of the contemporary political scene.
Summary of changes/rationale for need: POL 314 will be modified to remove its approval to be taught as a hybrid course (it was never modified to be taught solely online). We will simultaneously modify POL 315 to allow it to be taught as hybrid or solely online. Since hybrid courses are counted as online courses by Academic Programs and by WASC, and because we are making these changes to POL 315 at the same time, this makes no change to our program mode-of-instruction status. We are simply swapping which course may be taught online from POL 314 to POL 315.

Program/Course: POL 315 Congress and the President
Proposer: E. Annie Whetmore
Type of Change: Course4 Modification
Course Description: An analysis of development and operation of the elected decision-making structures of the United States government. Particular focus on the interrelationships between the Congress and the President.
Summary of changes/rationale for need: POL 315 will be modified to allow it to be taught as hybrid or as solely online. We are simultaneously modifying POL 314 to remove its approval to be taught as a hybrid course (it was never modified to be taught solely online). Since hybrid courses are counted as online courses by Academic Programs and by WASC, and because we are making these changes to POL 314 at the same time, this makes no change to our program mode-of-instruction status. We are simply swapping which course may be taught online from POL 314 to POL 315.

University Library

No submissions received.