

5 May 2022

TO: Faculty Senate

FROM: Peter Chaillé, Chair, Undergraduate Curriculum Committee

RE: June 2022 Consent Agenda

The following proposals have been approved by the Undergraduate Curriculum Committee and are recommended for approval by the Faculty Senate.

You may read the full text for any course or program proposal, as well as Budget Committee comments program proposals, at the [Online Curriculum Management System \(OCMS\) Curriculum Dashboard](#).

College of the Arts

New Courses

E.1.b.1

- Arch 283 Architecture Summer Immersion Program, 6 credits
Intensive four-week course providing foundational skills in design and visual communication for students considering an education and/or career in architecture. Design work in this intensive studio setting is supplemented with lectures on tectonics and public interest design, site visits to significant architecture in the region, and tours of leading architecture firms. Open to all students at the college level or above.

E.1.b.2

- *Arch 412 Design/Build 1, 2 credits
Student-led design workshop focused on the design and production of construction-ready project documentation for small projects. The workshop is organized in the manner of a small practice with students and professors working collaboratively. The workshop is structured around material investigations, constructional studies, client meetings, consultant meetings, and the fabrication of full-scale mock-ups as the means to understanding a fully realized project. Prerequisite: Arch 481 and permission of the instructor.

E.1.b.3

- *Arch 413 Design/Build 2, 4 credits
Elective course exploring design/build methodologies through the construction of a full-scale project meant for public engagement. Students will work collectively on investigations into on-site decision making, handling deviations from construction documents, methods of construction, construction timelines and project management. This is the second part of a two-part design/build sequence that results in a hands-on, real-world project experience. Prerequisite: Upper-division standing.

E.1.b.4

- COTA 235 Artist as Citizen: Social Justice Movements, Artistic Response and Impact, 2 credits
Examine and discuss current and past social justice movements: including global and national efforts. Research and report on artistic responses from diverse social justice movements. Investigate and consider actions taken to

* This course is part of a dual-level (400/500) course. For any revisions associated with the 500-level section please refer to the Grad Council consent agenda memo.

create change as a result of the activism. Explore how art and social justice activism work together effectively, what the next steps are after the paint has dried. Prerequisite: COTA 135 or permission of instructor.

E.1.b.5

- *Mus 435 Choral Literature II, 3 credits
The objective of this course is to develop an understanding of the depth and breadth of choral music written from the Romantic Period to the Present Day. The course will examine representative literature from these eras, and will help each student to establish a more thorough knowledge of the repertoire, as they work towards diverse and innovative programming in their eventual choral conducting careers. Prerequisite: Upper division standing.

Change to Existing Course

E.1.b.6

- *Mus 434 Choral Literature, 3 credits – change title to Choral Literature I and change description

School of Business

Change to Existing Program

E.1.b.7

- B.A./B.S. in Business Administration – revise core requirement and remove requirement that 90 credits must be completed outside of the School of Business

New Courses

E.1.b.8

- BA 216 Applied Excel for Business, 2 credits
Applied Excel for Business is required for all business students because of the foundational role Excel plays in their future coursework and career. Students will use SIMnet simulation software to learn selected practical tasks in Excel 2019, as well as learn more advanced features of Excel through applied projects. The Final Exam for the class is the Microsoft Office Excel 2019 Certification Exam. Prerequisite: BA 101.

E.1.b.9

- BA 300 Business and Professional Communication, 2 credits
Designed to introduce the conceptual framework and specific tools necessary for communicating in complex environments and accomplishing strategic academic and professional business goals. Provides the written and collaborative skills necessary for business professionals. Students will develop awareness of personal strengths and weaknesses in business communication and learn how to incorporate these into strong communication end results. Prerequisite: BA 216, BA 213, Comm 220, Ec 202, Stat 241 OR Stat 243, and Wr 121 or the third term of FRINQ.

Changes to Existing Courses

E.1.b.10

- BTA 428 Data Privacy, Security and Ethics, 4 credits – change prerequisite

E.1.b.11

- GSCM 429 Global transportation and Logistics management, 4 credits – change prerequisite

E.1.b.12

- GSCM 439 Global Sourcing and Negotiation, 4 credits – change prerequisite

Drop Existing Courses

E.1.b.13

- *ECED 476 Equity and Cultural Diversity in Early Childhood Education, 3 credits

Maseeh College of Engineering and Computer Science**Change to Existing Programs**

E.1.b.14

- B.S. in Civil Engineering – revise core requirement

E.1.b.15

- B.S. in Environmental Engineering – revise core requirement

New Courses

E.1.b.16

- CE 316 Applied Probability and Statistics for Civil & Environmental Engineering, 4 credits
Application of probability distributions, hypothesis testing and regression modeling with an emphasis on formulating and solving real-world problems using software that can be readily available to students now and later in the professional world. Focus on probabilistic and reliable, sustainable, and equitable design and operation of civil infrastructure and environmental systems. Prerequisite: Mth 254, Admission to the Program

E.1.b.17

- *CS 463 Intro to Web Development, 4 credits
Students will learn the fundamentals of web development, the structure and functionality of the web, and how to create responsive and accessible web applications using HTML, CSS, and JavaScript. Prerequisite: Admission to the program.

E.1.b.18

- *CS 464P Front End Web Technologies, 4 credits
Students will learn the languages, libraries, and frameworks needed to build user interfaces. This class will start with a review of HTML, CSS, and JavaScript, before focusing on React and the React ecosystem. Students will also work with CSS animations, gain experience with data visualization libraries, and learn about design principles and design systems. The final project is a dashboard application, which will leverage many of the topics covered in class and give students the opportunity to create a data-driven React application. Prerequisite: CS 463.

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E.1.b.19

- *CS 466 Voice Assistants, 4 credits
Provides an introduction to voice technologies and how to design and build voice-enabled applications, by learning the concepts, techniques, and frameworks needed to build fully functional chatbots and virtual assistants. Students will explore the conversational design process and how to build effective voice user interfaces (VUIs) and conversational user interfaces (CUIs), and create voice-enabled applications and virtual assistants using popular APIs and platforms. Course assumes a working knowledge of JavaScript and Node.js or Python. Prerequisite: Admission to program.

Changes to Existing Courses

E.1.b.20

- CE 351 Introduction to Transportation Engineering, 4 credits – change prerequisite

E.1.b.21

- *CS 465P Full-stack Web Development, 4 credits – change title to Full Stack Web Development, change description, prerequisite, and grading option

College of Liberal Arts and Sciences**Change to Existing Programs**

E.1.b.22

- B.A./B.S. in Anthropology – update elective requirement

E.1.b.23

- B.A./B.S in Environmental Studies – revise core and elective requirements and reduce minimum credits from 94 credits to 60 credits

E.1.b.24

- B.A. in Judaic Studies – revise core requirement and reduce minimum credits from 60 credits to 52 credits

E.1.b.25

- Minor in Judaic Studies – revise structure of requirements

E.1.b.26

- B.A./B.S. in Sociology – add option for core course

E.1.b.27

- Minor in Women's Studies – revise core requirements

New Courses

E.1.b.28

- *Bi 478 Terrestrial Community Ecology, 3 credits
Study of how plant, animal, and microbial communities are assembled across time and space. Emphasis will include understanding interactions among species and the causes of biological diversity in terrestrial systems.
Prerequisite: Bi 357.

E.1.b.29

- *G 457 Frontiers in Planetary Science, 4 credits
Areas of active research in the planetary sciences on topics that have not yet made it into the Textbooks will be explored. Three main themes will be covered: 1) the formation of planetary systems, 2) the accretion and differentiation of planets, and 3) the geologic and atmospheric evolution of planets. As appropriate for these themes, content will range widely, including aspects of astronomy, geology, and climate. Prerequisite: Upper division standing, or by permission of instructor.

E.1.b.30

- Hst 230 The History of Now: Recent US History Connected to the Past, 4 credits
Explores contemporary topics, issues, and events in the United States and identifies moments or periods in the American historical past that will provide context and enhance student's understanding of the present. We will examine current political, social, and cultural topics and events regarding race, gender, class, and sexual identity in the US, and look to history to provide context. We will also look at current economic, political, and diplomatic events and use the past to enhance our understanding of the world around us.

E.1.b.31

- Hst 270 A World History of Love, 2 credits
Surveys religious, philosophical, and scientific writings on love from the ancient world to late modernity. An introduction to the history of emotions and "emotionology" as a method of inquiry. Special attention paid to Judaism, Christianity, and Islam in the Middle Ages, as well as to colonialism, nationalism, and family in the early modern and modern periods.

E.1.b.32

- Hst 371 Queerness and Difference in European History, 4 credits
Examines the history of same-sex desire and the identities of gender-nonconforming people in Europe through the lens of religious, ethnic, national, and racial difference. Explores how queer identities intersected with other categories of belonging from the Middle Ages to the 20th century. Topics include queerness and medieval religious difference, perceptions of queerness in the disabled body and the Jewish body, and fascism's merging of social groups perceived as subhuman or degenerate, including Jews, Roma, disabled people, and queers.

E.1.b.33

- Hst 372 History of Antisemitism, 4 credits
Surveys the development of hostility towards Jews from antiquity to the present day. We will explore how anti-Jewish hatred has persisted over millennia even as it has adapted to individual historical and geographic contexts. Topics include anti-Jewish bias in the ancient world and foundational Christian sources; social and economic marginalization in medieval Europe; the emergence of political and racial antisemitism in the nineteenth century; Nazi antisemitism; and contemporary developments,

including left- and right-wing antisemitism. This is the same course as JSt 372 and may be taken only once for credit.

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E.1.b.35

- NAS 349 Indigenous Leadership for Sustainable Futures, 4 credits
We will explore Indigenous leadership styles, strategies, and skills used by individuals in their communities, including governmental and tribal/indigenous organizations, nonprofits and informal groups. The course looks at the effects of globalization on human and more-than-human populations and our environment, and offers insights into the role/application of Seventh Generations/sustainability principles and indigenous values and practices to address contemporary social, environmental and economic challenges, including Climate impacts from colonizing practices globally.

E.1.b.36

- *NAS 422 First Foods of the Pacific Northwest, 4 credits
Using examples from the Pacific NW, this course will investigate the interconnected social, cultural, and political relationships between Indigenous food systems, spirituality, kinship, food sovereignty, and ecology; from subsistence food traditions to government commodity foods to urban Native American food movements. We will contemplate and learn about Traditional Ecological Cultural Knowledge (TECK) and the impact of colonization on Indigenous food systems and landscapes from a place based lens.
Prerequisite: NAS 201 or instructor approval.

E.1.b.37

- NAS 424 Cultural Ecology: Indigenous Science and the Natural World, 4 credits
What does "science" mean to you? Indigenous peoples have practiced "science" since time immemorial. This applied course will provide the basis for understanding "science" through the perspective of Traditional Ecological and Cultural Knowledge, and how Indigenous teachings guide values and protect First Foods. Traditional ecological and cultural knowledge, Indigenous teachings, values and First Foods will ground and guide students through their course experience which will include a mixture of lecture, discussion, film, group exercises & field excursions to gain awareness of Indigenous Science. Prerequisite: NAS 201 or instructor approval.

E.1.b.38

- Sci 367U STEM Research: Solving Today's Problems, 4 credits
Students will gain tools for success in STEM disciplines, including professional skills, scientific research, scientific literature and writing, and working in interdisciplinary teams to address complex issues such as global environmental challenges. Students will gain the skills, knowledge and social capital needed to engage in locally and globally relevant research.

E.1.b.39

- Sci 368U Green Roof Ecology, 4 credits
An Undergraduate Research Experience investigating how green roof plant communities function in an urban rooftop environment. Working in small groups, students pursue an original research project and deliver a final technical report to PSU green roof researchers. The research topic changes each term – potential topics include plant communities; urban habitats and climate resilience; ecological services provided by green roofs; or impacts on air and water quality. Assignments focus on scientific writing and real-world research practices.

E.1.b.40

- Sci 369U Green Roof Monitoring and Ecodesign, 4 credits
An Undergraduate Research Experience investigating the efficiency and/or resiliency of living roofs in an urban environment. Working in small groups, students pursue an original research project and deliver a final technical report to PSU green roof researchers. The research topic changes each term – potential topics include stormwater mitigation, energy efficiency, or impacts on local air and water quality. Assignments focus on scientific writing and real-world research practices.

Changes to Existing Course

E.1.b.41

- Ph 231 General Physics I with Life Science and Medical Applications, 4 credits
– change prerequisite

Drop Existing Courses

E.1.b.42

- *Phl 481 Biomedical Ethics, 4 credits

E.1.b.43

- *Phl 482 Biomedical Ethics, 4 credits

E.1.b.44

- *Phl 483 Biomedical Ethics, 4 credits

School of Social Work**New Course**

E.1.b.45

- CFS 440 Critical Youth Studies, 4 credits
Drawing on fields including history, sociology, education, literature, religion, politics, psychology, economics, cultural studies, and more, Youth Studies examines the development, history, and meaning of youth as a social

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construct. Critical Youth Studies adds to this analysis the consideration of power as it shapes the construction and experience of youth. Post-structuralism, discourse, the sociological imagination, critical race theory, queer theory, and critical feminisms ground this analysis. Practical implications for education and human services are explored. Prerequisite: Upper-division standing.

Changes to Existing Courses

E.1.b.46

- *CFS 450 Youth and Youth Work, 4 credits – change title to Youth Work Practice, change description, and remove from dual-level cross-listing

E.1.b.47

- *SW 447 Social Work and Sustainability, 3 credits – Remove dual-level cross-listing

College of Urban and Public Affairs

Change to Existing Program

E.1.b.48

- B.A./B.S. in Criminology and Criminal Justice – Add core course and increase minimum credits from 65 credits to 69 credits

New Course

E.1.b.49

- CCJ 317 Race, Crime, and Criminal Justice, 4 credits
Racial disparity is a major focus of the field of criminology and criminal justice. This course provides an understanding of the tools used to describe, theoretically explain, and empirically examine the complex relationship between race, crime, and victimization in the United States. The course focuses on all major racial and ethnic groups who are disproportionately justice-impacted--including both victims and offenders. The influence of race at all stages of the criminal justice system is examined.

Drop Existing Course

E.1.b.50

- *PAP 413 Ethics and Public Policy, 4 credits