

REGULAR MEETING OF THE RIVERSIDE DIVISION

TUESDAY, MAY 23, 2023

Zoom
1:00 p.m.

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[†] Reports received and placed on file “are received as presented and require no further action” [bylaw 4.1.3]. Only the reporting committee can change or withdraw these reports; however, at the request of any member of the Division, a report will be moved into its regular order on the agenda (Item 10. Reports of Standing Committees and Faculties) where it may be discussed, and motions relating to the report may be offered.

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	None	
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	None	
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None

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None

May 16, 2023

S. Axelrod, Secretary-Parliamentarian
Riverside Division of the Academic Senate

**MINUTES OF THE REGULAR MEETING
OF THE RIVERSIDE DIVISION**

MEETING

The Riverside Division of the Academic Senate met on Tuesday, February 21, 2023, at 1:06 p.m. via Zoom. Chair Sang-Hee Lee presided. The meeting was attended by 143 members at the outset of the Riverside Division of the Academic Senate. Chair Lee outlined Zoom protocol to ensure that attendees could participate during the meeting.

MINUTES

The Minutes of the Regular Meeting of December 06, 2022 were unanimously approved as presented.

ANNOUNCEMENTS BY THE PRESIDENT

President Michael V. Drake was unable to attend.

ANNOUNCEMENTS BY THE CHANCELLOR AT RIVERSIDE

Chancellor Kim A. Wilcox addressed the Division.

Chancellor Willcox discussed the importance of making the best decisions possible given the issues concerning the funding of the new union contract. The Chancellor thanked the Senate members for their efforts in managing the changes related to UCR graduate programs and new union. There were no questions/comments from the floor.

ANNOUNCEMENTS BY THE VICE CHANCELLORS

There were no announcements by the Vice Chancellors.

ANNOUNCEMENTS BY THE DEANS OR OTHER EXECUTIVE OFFICERS

There were no announcements by the deans or other Executive Officers

ANNOUNCEMENTS BY THE CHAIR

Chair Lee echoed the gratitude expressed by the Chancellor to the members of the Senate. Chair Lee reminded members of the continued COVID situation and reiterated the importance of working with students to navigate policies associated with changing conditions in public health. The Chair called attention to the Systemwide Senate website (<https://senate.universityofcalifornia.edu/>), urging Senate members to discuss issues relevant to the University of California Office of the President and encouraging members to engage with Division representatives on such matters.

Chair Lee discussed notable changes to Undergraduate Education, clarifying the new residential requirement for bachelor's degrees, requiring at least 6 units to be taken in person, and addressing the new challenges presented by the implementation of online degree programs and Artificial Intelligence programs such as "Chat GPT." The Chair then thanked the Committee on Educational Policy, and expressed excitement to work with the new Vice Provost and Dean of Undergraduate Education, Louie Rodriguez. Chair Lee welcomed new and challenging opportunities for the Administration and the future of Graduate programs in the Riverside Division and thanked the Graduate Council. Chair Lee also thanked Division Vice Chair McCole, the

Committee on Planning and Budget, and Vice Chancellor Bomotti for their guidance and efforts in administering the Oracle and Impact 23 initiative.

Chair Lee further requested Senate engagement in the planning and designing stages of the OASIS and Undergraduate Teaching and Learning Facility building projects. She then reminded members of upcoming committee elections and requested members' consideration of desired appointments for the 2023-2024 service year. She expressed gratitude to the chairs and members of Physical Resources Planning, Faculty Welfare, Diversity Equity and Inclusion, and Committee on Committees for their continued collaboration and efforts in these matters.

There were no questions/comments from the floor.

SPECIAL ORDERS

The Consent calendar was unanimously approved.

The annual reports of standing committees, annual reports of the faculties, degree reports and regular reports of standing committees and faculties were received and placed on file.

REPORT OF THE REPRESENTATIVE TO THE ASSEMBLY

Riverside Assembly Representative, Professor David Biggs, provided the Division with a written report from the Assembly meeting on December 8, 2022. This report can be found on page 45 of the full agenda. There were no questions from the Division.

REPORTS OF SPECIAL COMMITTEES

There were no reports of Special Committees.

REPORTS OF STANDING COMMITTEES AND FACULTIES

Professor John Kim, Chair of the College of Humanities, Arts and Social Sciences Faculty Executive Committee introduced and moved for adoption of the proposal for a Department of Society, Environment, and Health Equity (SEHE) found on page 47 of the full agenda. After a lengthy discussion weighing benefits and drawbacks, the proposal was put to a vote. With one hundred and thirty-two votes in favor and forty-two votes in opposition, the motion was approved.

Professor Marcus Kaul, Chair of the School of Medicine Faculty Executive Committee, introduced and moved for adoption of the proposal for a Master of Public Health (MPH) degree, found on page 335 of the full agenda. Following a brief discussion, the motion was put to a vote. With one hundred and forty-four votes in favor and two votes in opposition, the motion was approved.

PETITIONS OF STUDENTS

There were no petitions from the students.

UNFINISHED BUSINESS

There was no unfinished business.

UNIVERSITY AND FACULTY WELFARE

There were no issues related to University and Faculty Welfare.

NEW BUSINESS

There being no further business, the meeting was adjourned at 2:20 p.m.

ATTEST:

S. Axelrod, Secretary-Parliamentarian
Riverside Division of the Academic Senate

Moriah Joyner
Recording Secretary

2022-2023 Chancellor's Award for Excellence in Undergraduate Research and Creative Achievement

**Faculty Recipient
Professor Rachel Wu, Psychology**

Dr. Rachel Wu is an Associate Professor of Psychology. Since joining UCR in 2015, she has established a stellar record of engaging undergraduate students in research and supporting them to pursue higher education. Eleven of Dr. Wu's students have published papers, two received the Chancellor's Award for Excellence in Undergraduate Research and Creative Achievement, and five have been awarded UCR undergraduate mini-grants. Dr. Wu fosters creativity, independence, and critical thinking in various research topics related to lifespan cognition, attracting students from several majors. She has had Research Assistants majoring in Psychology, Biology, Microbiology, Neuroscience, Business, Statistics, Anthropology, and Public Policy. The powerful impact of Dr. Wu's mentorship is reflected in this comment written by one of her former students, a graduate student at the Keck School of Medicine at USC: "Dr. Wu's pearls of wisdom have had a personal influence on me as someone who formerly questioned my ability to succeed in higher education is now a graduate student. She transformed students' perceptions of themselves into something more empowering and productive. Her sensibility to the student demographic by tailoring mentorship approaches to address the needs of first-generation students is admirable and inspiring."

**SECRETARY-PARLIAMENTARIAN
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

2023-2024 RESULTS FROM THE CALL FOR NOMINATIONS

To be received and placed on file:

1. RIVERSIDE DIVISION

A call for Nominations was issued for the following positions:

Vice Chair of the Division (1-year term)

One valid nomination received:

- Declan McCole, Biomedical Sciences

Representative to the Assembly (2-year term)

Two valid nominations received:

- Jennifer Hughes, History
- Austin H. Johnson, School of Education

An election was held, and the results of the ballot are as follows:

- | | |
|---------------------|-----------|
| - Jennifer Hughes | 141 votes |
| - Austin H. Johnson | 120 votes |

*Professor Hughes has been elected to the position of Representative to the Assembly.

Committee on Committees (3-year terms)

Two representatives from CHASS

Three valid nomination received:

- John M. Fischer, Philosophy
- Edward Korzus, Psychology
- David Lloyd, English

Farrah Godrej withdrew her name from the ballot.

An election was held, and the results of the ballot are as follows:

- | | |
|-------------------|-----------|
| - John M. Fischer | 95 votes |
| - Edward Korzus | 58 votes |
| - David Lloyd | 115 votes |

*Professor Lloyd and Professor Fischer have been elected serve as representatives to the Committee on Committees.

One representatives from CNAS

After a second call for nominations, one valid nomination received:

- Francesca Mia Hopkins, Environmental Sciences

One representative from SoE or BUS

Two valid nominations received:

- Ashutosh Prasad, Marketing
- Marsha M. Ing, Educational Psychology

An election was held, and the results of the ballot are as follows:

- Ashutosh Prasad

Marsha Ing withdrew her name from the ballot.

*Professor Prasad has been elected serve as a representative to the Committee on Committees.

2. BOURNS COLLEGE OF ENGINEERING

A call for Nominations was issued for the following positions:

One Member, BCoE Executive Committee (3-year term)
Elected from among the Faculty at large.

After a second call for nominations, one valid nomination received:

- Kadangode K. Ramakrishnan, Computer Science and Engineering

3. COLLEGE OF HUMANITIES, ARTS & SOCIAL SCIENCES

A call for Nominations was issued for the following positions:

Chair of the Faculty, CHASS Executive Committee (2-year term)
Two valid nominations received:

- Wesley Y. Leonard, Ethnic Studies
- Amir Zaki, Art

An election was held, and the results of the ballot are as follows:

- | | |
|---------------------|----------|
| - Wesley Y. Leonard | 90 votes |
| - Amir Zaki | 64 votes |

*Professor Leonard has been elected serve as the CHASS Chair of the Faculty.

One member, CHASS Executive Committee (2-year term)

To be chosen from among Art History, English, History, Comparative Literature & Languages, Philosophy, Religious Studies, Hispanic Studies and Gender and Sexuality Studies.

Two valid nominations received:

- Pierre Keller, Philosophy
- Victoria Reyes, Gender & Sexuality Studies

An election was held, and the results of the ballot are as follows:

- | | |
|------------------|-----------|
| - Pierre Keller | 54 votes |
| - Victoria Reyes | 107 votes |

*Professor Reyes has been elected serve as a member to the CHASS Executive Committee.

One member, CHASS Executive Committee (2-year term)

To be chosen from among Anthropology, Economics, Ethnic Studies, Political Science, Psychology and Sociology

One valid nomination received:

- Jimmy Calanchini, Psychology

One member, CHASS Executive Committee (2-year term)

To be chosen from among the Fine Arts (Art, Creative Writing, Dance, Media and Cultural Studies, Music and Theatre, Film & Digital Production).

One valid nomination received:

- Donatella Galella, Theatre, Film and Digital Production

4. COLLEGE OF NATURAL AND AGRICULTURAL SCIENCES

A call for nominations was issued for the following positions:

One Member, CNAS Executive Committee (3-year term)

Elected from the Department of Mathematics.

One valid nomination received:

- Peter Samuelson

One Member, CNAS Executive Committee (3-year term)

Elected from the Department of Nematology.

One valid nomination received:

- Simon Groen

One Member, CNAS Executive Committee (to expire Aug. 31, 2024)

Elected from the Department of Evolution, Ecology, and Organismal Biology

One valid nomination received:

- David N. Reznik

5. SCHOOL OF BUSINESS

A call for Nominations was issued for the following positions:

Chair of the Faculty, BUS Executive Committee (2-year term)

One valid nomination received:

- Elodie Goodman, Area of Operations and Supply Chain Management

One Member, BUS Executive Committee (2-year term)

Elected from the Area of Accounting

No valid nominations received:

A new call for nominations will be issued in the Fall of 2023

One Member, BUS Executive Committee (2-year term)

Elected from the Area of Finance

After a second call for nominations, one valid nomination was received:

- Jean Helwege

One Member, BUS Executive Committee (2-year term)

Elected from the Area of Marketing

One valid nomination received:

- Hai Che

6. SCHOOL OF EDUCATION

A call for Nominations was issued for the following positions:

Two Members, SOE Executive Committee (2-year term)

Elected from the faculty at large.

Two valid nominations received:

- Begona Echeverria
- Wesley A. Sims

7. SCHOOL OF MEDICINE

A call for Nominations was issued for the following positions:

Two Members, SOM Executive Committee (2-year term)

Elected from the Biomedical Sciences

Two valid nominations received:

- Iryna M. Ethell
- Emma Wilson

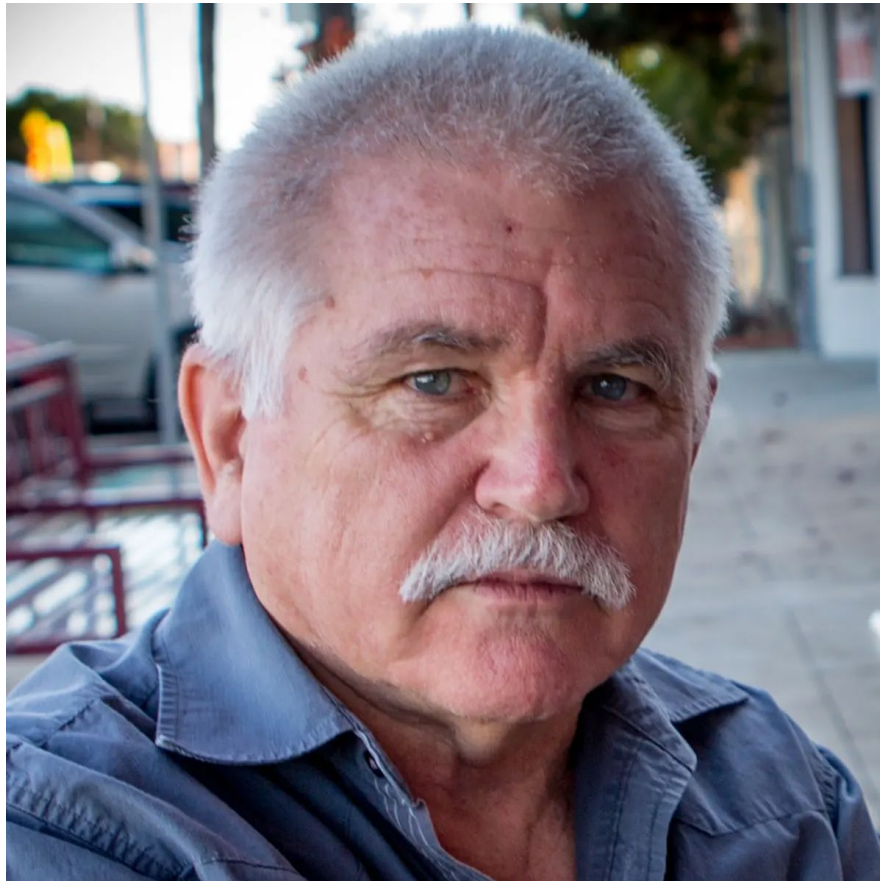
One Member, SOM Executive Committee (2-year term)

Elected from the Clinical Sciences

One valid nomination received:

- Kimberley Lakes

**Mike Davis
Distinguished Professor, Emeritus
Department of Creative Writing
University of California, Riverside
1946-2022**



Mike Davis, Distinguished Professor Emeritus of Creative Writing, died peacefully at his home in San Diego on October 25, 2022.

Professor Davis was born Michael Ryan Davis in Fontana, California in 1946. After a few years in Fontana, his parents moved the family to San Diego. His father was a member of the meatcutters' union, and his mother was a homemaker. As a child, Professor Davis often went on excursions in the desert, scouting for minerals, abandoned mines, and petrified wood, activities that no doubt raised his interest in the natural world and its connection to our lives, climate, and survival. Another formative experience happened when he was a teenager: a cousin took him to a civil rights rally in San Diego, leaving him with a lasting commitment to racial equality.

At age sixteen, Professor Davis started work as a meatcutter, replacing his father on the job. Later he joined the Teamsters' Union and drove a truck for five years. All the while, he was active in civil rights, anti-war, and anti-apartheid organizing. In 1974, at age 28, he matriculated at the University of California, Los Angeles, thanks to a scholarship from the meatcutters' union, and earned B.A. and M.A. degrees in economics and history. For a few years afterwards, he lived in Great Britain, where he edited *New Left Review*.

After returning to California in 1986, Professor Davis published his first book, *Prisoners of the American Dream: Politics and Economy in the History of the U.S. Working Class* (Verso, 1986.) But it was his second book, *City of Quartz: Excavating the Future in Los Angeles* (Verso, 1990) that made his reputation, both in the U.S. and abroad. A social history of Los Angeles, *City of Quartz* detailed the contrast between the myth and the reality of Los Angeles, exposing the racism, greed, displacement and corruption that attended the city's growth.

Seventeen more books would follow, including *Ecology of Fear: Los Angeles and the Imagination of Disaster* (Metropolitan Books, 1988), *Late Victorian Holocausts: El Niño Famines and the Making of the Third World* (Verso, 2000), *Planet of Slums: Urban Involution and the Informal Working Class*, (Verso, 2006), *In Praise of Barbarians: Essays Against Empire* (Haymarket, 2007), and *Set the Night on Fire: L.A. in the Sixties* (Verso, 2020).

Professor Davis's work was extraordinarily wide-ranging, touching on economic history, urban theory, ecology, and social movements. A proud leftist, he was active in many important causes, from the civil rights movement to anti-war organizing, and was arrested several times for protesting. The lucidity of his work, as in *City of Quartz*, for example, earned him a reputation as a seer, with journalists flocking to him for analysis of contemporary issues.

Professor Davis began his academic career at the Southern California Institute of Architecture, where he taught urban theory for 11 years before moving to Stony Brook University and later to the University of California, Irvine. He joined the Department of Creative Writing at the University of California, Riverside in 2008. During his time at UCR, he taught many courses in creative nonfiction, working with and mentoring students at the graduate and undergraduate levels. He quickly made friends among his colleagues, who remember him as a brilliant public intellectual, a troublemaker in the best sense of the word, and a warm and kind-hearted friend. He retired from the university in 2015.

Over the course of his career, Professor Davis received numerous awards for his work, including a Deutsche Memorial Prize, a Lannan Literary Award for Nonfiction, and a MacArthur Foundation Fellowship. In 2020, the Lannan Foundation honored him with a Cultural Freedom Prize, along with the philosopher and political activist Angela Davis and the prison scholar and abolitionist Ruth Wilson Gilmore. Professor Davis continued writing, thinking, and lecturing even as he became ill with esophageal cancer. His last

work, *The Monster Enters: Covid-19, Avian Flu, and the Plagues of Capitalism* (Verso, 2022) was published just a few months before his passing.

He is survived by his wife, the artist Alessandra Moctezuma; his children Róisín Davis, Jack Spalding Davis, Cassandra Davis, and James Connolly Davis; and his sister Janna Lazelle-Lake.

Photo credit: *The Guardian*.

This memorial was adapted by Laila Lalami from the following sources:

1. “Mike Davis, Who Wrote of Los Angeles and Catastrophe, Dies at 76.” *New York Times*.
2. “Mike Davis, ‘City of Quartz’ author who chronicled the forces that shaped L.A., dies.” Los Angeles Times.
3. “Remembering Mike Davis: An Agent of Change.” UC Riverside announcement: <https://news.ucr.edu/articles/2022/11/02/remembering-mike-davis-agent-social-change>

In Memoriam
Edwin M Eigner
Professor of English Emeritus
1931-2020



Edwin M. Eigner, Professor Emeritus of English at the University of California, Riverside (UCR), passed away on August 24, 2020, at the age of 89. Born on April 3, 1931, in Boston, Massachusetts, Ed graduated from Cornell University in 1953. He took a Master of Fine Arts degree from the legendary Iowa Writer's Workshop in 1955, and his PhD, also from the University of Iowa, in 1963. He then taught at the University of Maryland overseas campus in Bavaria from 1956-1957 and at Northwestern University from 1960-1963. He taught at the University of Kansas from 1963-1970, before joining UCR.

Ed joined the English Department at UC Riverside as a full professor in 1970, and served as department chair from 1972-1975, instituting a set of policies and procedures that transformed what was then a famously fractious department. Along with a cohort of like-minded colleagues, he also helped found the Creative Writing Program at UCR, chairing the program from 1979-1981. He convinced then Dean David Warren to assign a writer's space as a home for UCR writers, and for several years the so-called Writer's Warren became a laboratory for what eventually would become the nationally celebrated Department of Creative Writing. He was also a dedicated supporter of the courses that fulfilled the Senate's writing requirement for undergraduates.

Ed's organizational genius impacted the university beyond the campus level. He directed what was then known as the University of California Overseas program in the United Kingdom, and lived in London from 1975-1977. He instituted an innovative network of connections among the various partner universities, which ended up bringing British students to study in UCR's graduate departments, and initiated a long series of visits to UCR by distinguished British academics, resulting in collaborations such as the long-running Themes in Drama conference and journal. From 1986-1989, he was a member of the Editorial Committee of the University of California Press at a time of major transformation for university presses nation-wide, and his involvement was crucial in helping the Press face these new pressures.

His most famous collaboration, because it was celebrated in a long article in *The New Yorker* by Jill Lepore, was the Dickens Universe, one of the first multi-campus research centers devoted to the study of the Humanities. Along with John Jordan and Murray Baumgarten of UCSC, Ed helped develop a unique format, involving something like a summer camp in the hills of Santa Cruz, and on his suggestion, opened it to the vast public world of non-academic Charles Dickens fans. He also insisted on including graduate students as well as UC faculty. The result was a combination of cutting-edge scholarship and something like a Victorian fair, with costumed visitors and period entertainments, to the occasional puzzlement of both sides of the spectrum. Until the budget crisis of the early 1990s eviscerated the university budget, the Dickens project, by then the Dickens Universe, became a model for a public facing humanities.

Ed was a major figure in the study of nineteenth century fiction, which was the great age of the English novel, emphasizing transatlantic connections. His collections of criticism of the novel remain starting points for scholars. In his own scholarship, he was proud of swimming against the stream. His first book, on Robert Louis Stevenson, *Robert Louis Stevenson and Romantic Tradition*, published by Princeton University Press (1966; rpt. 1969), now the standard study, was written when Stevenson's critical reputation was at a low point, even though Stevenson's novels (such as *Treasure Island*) were beloved by ordinary readers. In his important study, *The Metaphysical Novel in England and America*, published by the University of California Press (1978), he took Edward Bulwer-Lytton seriously when the latter was best known for the opening of Snoopy's unfinished novel in "Peanuts": "It was a dark and stormy night." Moreover, the study theorized the novels of Dickens, Hawthorne, and Melville in an innovative way that clarified the formal and thematic connections between British and American fiction. The book received Honorable Mention for the Modern Language Association's James Russell Lowell Prize, given annually to the best book in literary study published that year. He edited *Victorian Criticism of*

the Novel for Cambridge University Press (1985). The Dickens Pantomime, also published by the University of California Press (1989), shed new light on Charles Dickens' debt to popular theatrical traditions, and unified Dickens the writer and Dickens the performer. As part of Ed's research, he staged enjoyable pantomimes in Riverside itself. Ed's prescient and groundbreaking research was recognized by his appointment as a Fulbright lecturer in Germany in 1967-1968; National Endowment of the Humanities Fellow twice, in 1969 and in 90-91, and a prestigious John Simon Guggenheim, Jr. Foundation fellowship in 1985-1986

Ed retired in 1994 when the University offered an early retirement incentive to address its budget crisis, leading to an exodus of some of the luminaries across the system. Ed, however, took advantage of this opportunity by returning to his start as a writer. By then he had moved to San Diego, and took part in that city's burgeoning theater world, acting in scores of plays over the next two decades. After theater performances when everyone was relaxing, in a pub where he only knew those he was with, or after a large reception at his or a friend's home, it was not uncommon for someone to ask (or beg) him to sing. Finally, he'd give in and sing "Sumer is Icumen in" in perfect Middle English Wessex or "O Danny Boy" like a native Irishman.

Ed also wrote a series of plays, several of which were staged. Some of us were thrilled to see him in his one man play, "The Rejected Witness," based on Dickens' Bleak House, which was performed at the San Diego Fringe Festival in 2017. His acting in another play, "Visiting Mr. Green," drew high praise from the San Diego Union-Tribune: "Eigner doesn't just play the role of Mr. Green, the 80-something actor becomes the part. Almost from the moment he ambles onstage, Eigner's physical movements, reactions, facial expressions and timing make you believe. He also employs a Russian Jewish accent so real, you'll swear it's native (it's not). And the sweet sadness of his character will break your heart. Eigner's performance is so powerful, he could easily steal the show." Indeed, this could be said of Ed Eigner in all aspects of his career, as a scholar, a writer, a teacher, an administrator and as a model colleague.

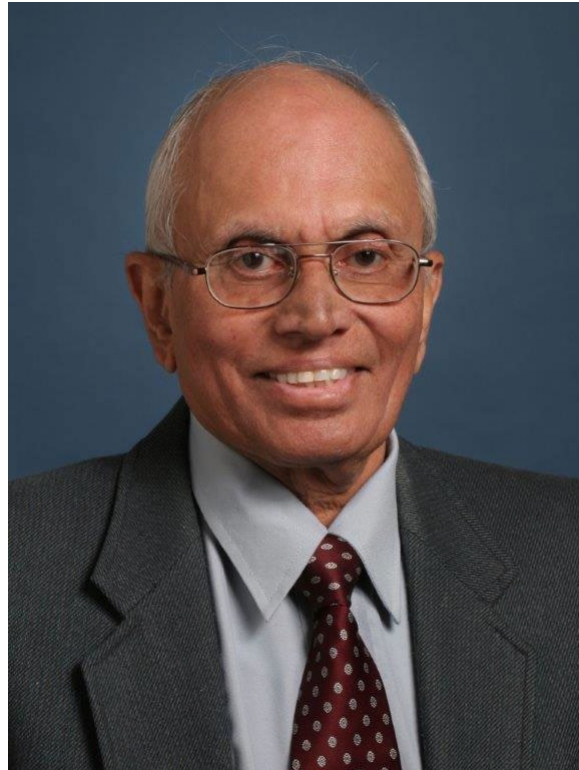
Ed was predeceased in 2010 by his wife of fifty-four years, Ruth Eigner. He is survived by his daughter, Nancy Rivera of Santa Cruz, his son, Barton Eigner, and Nancy's children, Finn, Kingston, and Juliana Rivera.

Photograph courtesy of Nancy Rivera. Additional information provided by Marlene Bosanko Cline.

S. G. Axelrod

J. M. Ganim

Dattaprabhakar Vinayak Gokhale
Professor, Emeritus
Department of Statistics
University of California, Riverside
1937-2016



D.V. Gokhale, Emeritus Professor of Statistics, died of pneumonia on February 27, 2016, a few days shy of his 80th birthday.

Dattaprabhakar Vinayak (D.V.) Gokhale was born in India in 1937. He came to the United States on a Fulbright Grant and in 1966 earned a Ph.D. in statistics from the University of California, Berkeley. Following his graduation, he spent some time teaching in Pune, India, before returning to the United States in 1970 to join the faculty of the University of California, Riverside, where he remained until his retirement in 1999.

At the time of Dr. Gokhale's appointment, the department was still called Biostatistics. It was later renamed Applied Statistics, and eventually became known as Statistics. Over the thirty years he spent at UCR, Dr. Gokhale served as a faculty member, graduate advisor, and eventually as chair of his department from 1985 to 1988.

Dr. Gokhale's contributions to his field are numerous. He was a recognized scholar in the areas of information theory, discrete data analysis, and nonparametric statistics,

including the analysis of multidimensional contingency tables and correspondence analysis. Dr. Gokhale was also widely known for his book, *The Information in Contingency Tables* (Statistics: Textbooks and Monographs, Vol. 23, Marcel Dekker, 1978), co-authored with Professor Solomon Kullback of George Washington University. This textbook was the basis for his popular graduate course in the analysis of discrete data. In recognition of his scholarship, he was elected a fellow of the American Statistical Association and the International Statistical Institute.

In addition to his research, Dr. Gokhale was also a talented educator. Over the course of his career at Riverside, he mentored 13 Ph.D. students and was a strong advocate for many others. Known affectionately as “Dr. G.” he was an open and nurturing figure in the department, always looking for the potential in every student and searching out opportunities for them to demonstrate it. It was his custom to gather with students and faculty on Friday afternoons for conversation, games, and relaxation at The Barn.

His commitment to students extended to international students. In remembrance of his time as a Fulbright scholar, he helped establish—through the Institute of International Education and his own financial donations—a grant for Indian and American students. Known as the “D.V. Gokhale International Grants/Loans in Statistics Program,” the fund allows Indian students to study statistics in the U.S. and American students to study statistics and related subjects in India.

During the latter stages of his career, and especially after his retirement, Dr. Gokhale was active in promoting statistical training at all levels. Between 2003 and 2015, he was a regular reader of Advanced Placement Statistics exams, serving in a leadership role for the last five of those years. In his commitment to the importance of educating people in statistics, he was a role model for both high school teachers and college faculty. Thanks to funds provided by Dr. Gokhale, the annual Gokhale Undergraduate Lecture was established in 2012.

Colleagues remember Dr. Gokhale as a kind and considerate friend. He was known for his ready smile, his wonderful sense of humor and his joy in daily living. He had the rare quality of patience and willingness to listen to others.

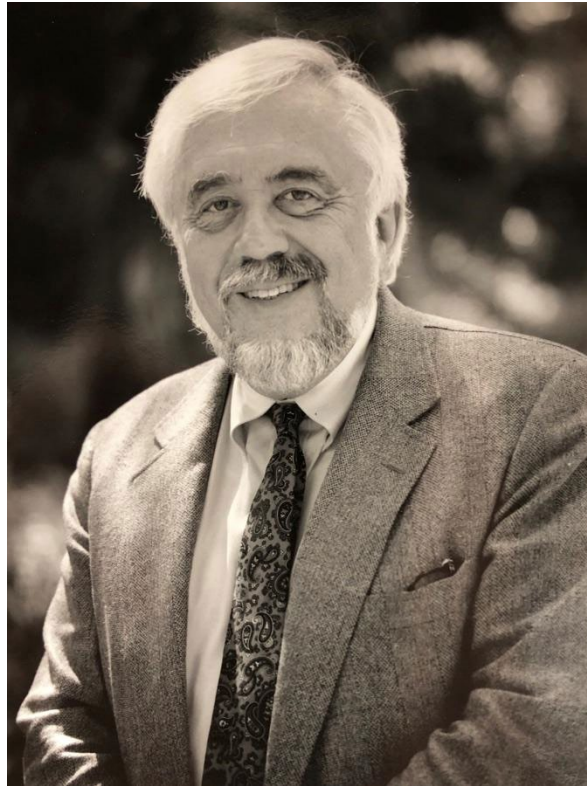
Dr. Gokhale is survived by his wife Asha, his daughter Dalika and husband Robert, his son Vinay and wife Rani, and four grandchildren.

Photo credit: *Amstat News*

This memorial was adapted by Laila Lalami from the following sources:

1. *In Memoriam* by Robert J. Beaver, Professor Emeritus
2. Obituaries for April 2016, AMSTAT News.
<https://magazine.amstat.org/blog/2016/04/01/obits-apr16/>

**Robert D. Singer
Professor of Psychology
University of California, Riverside
1931-2011**



Robert D. Singer, Professor Emeritus of Psychology at UCR, passed away on April 15, 2011, at his residence in Mammoth Lakes, CA, at the age of 80.

Born in Budapest, Hungary, on September 8, 1931, Robert Dennis Singer (Denes Singer) emigrated to the United States with his parents Eugene (Jene) and Pearl (Pepi) escaping Nazi persecution. They arrived on April 20, 1940 and soon settled in Bethlehem, Pennsylvania, where Eugene worked as a foreman at a textile factory. Robert graduated from Bethlehem High School in 1949 and later pursued undergraduate and graduate degrees in Psychology at the University of Pennsylvania, Philadelphia. He obtained his BA in 1953 and a MA in 1955. During 1958-60, he worked as a Research Fellow at the Eastern Pennsylvania Psychiatric Institute, while carrying out his doctoral research. He obtained his PhD in 1960 with the dissertation "The effects of verbal reinforcement of pro-democratic responses upon subsequent expression of authoritarian opinions and social prejudice." As a doctoral student, Singer co-authored research with then UPenn faculty Professor Seymour Feshbach, on the relationship of anxiety and fear with social prejudice and authoritarianism. Another line of research

they started developing together at that time concentrated on the effects of similarity in projections of anxiety and anger.

Dr. Singer's first tenure-track position was at Stanford University, where he worked as an Assistant Professor from 1960 to 1963. In 1963 he was hired as an Associate Professor at SUNY Stony Brook, where he also worked as the Director of Psychological Services and Head of the Counseling Center. He accepted a position as an Associate Professor at the New York University, where he worked from 1964 until 1969, when he moved to California, for a one-year appointment at UCLA. He was hired as a Full Professor at UCR on July 1, 1970.

Dr. Singer co-authored *Psychological development in children* with Dr. Anne Singer (later Anne Singer Harris), whom he married in 1961. Published in 1969, this landmark volume was later issued in Spanish and Italian translations. During the early 1970s, he continued working with Professor Feshbach on a series of studies on mediated violence, culminating in the 1971 book *Television and aggression*, which provided some evidence in favor of the controversial theory of the cathartic effects of media violence. Extensively highlighted by the press during 1972-3, their work was one of the key studies that informed the 1972 report by the Surgeon General's Scientific Committee on Television and Social Behavior. Dr. Singer later revisited his research with Feshbach in *Television and social behavior*, a 1976 special issue of the *Journal of Social Issues* which he co-organized with Dr. Robert M. Kaplan.

During his twenty-five years working at UCR, Professor Singer served on various capacities, including academic advisor and Chair of the Department of Psychology during the mid to late 1970s. Among his most notable grants, in 1972 he received funding by the Public Health Service/NIMH to implement the Innovative Program in Social Ecology, which targeted Latino students and became an important initiative to increase diversity in the university's graduate population. He continued to work as the program's PI until the early 1980s. His later research interests contemplated health psychology and health education, as well as gambling and compulsive behavior. With Professor Durand Jacobs, he tried for several years to create a Center for Gambling Studies at UCR, without success. Professor Singer retired in 1995 and moved to Mammoth Lakes, where he continued to give interviews to the press on a range of subjects.

He was survived by his second spouse, Professor Sonia L. Blackman, and two daughters, Elizabeth and Susan.

Prepared by Rogério Budasz, Professor of Music, Committee on Memorial Resolutions

**EXECUTIVE COMMITTEE
BOURNS COLLEGE OF ENGINEERING
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to Computer Engineering B.S. + M.S. Five-Year Program

PRESENT:

Combined B.S. + M.S. Five-Year Program.

The college offers a combined five year B.S. + M.S. program, designed to allow successful UCR Computer Engineering B.S. graduates to complete the Master of Science degree in Computer Engineering in one year, by allowing up to 12 credits of coursework taken as a UCR undergraduate to be counted towards the elective requirements of the M.S. (The courses that can be double counted are those that are ~~eligible to be counted~~ as technical electives in the B.S. requirements.) A student may apply at the start of their senior year by submitting an application to the Computer Engineering M.S. program, provided that at the end of junior year, the student was a UCR Computer Engineering B.S. student with cumulative GPA at least 3.4 and had completed the following courses with no grade less than a B- and average grade at least 3.2: CS 100, CS 120A, CS 161. The application to the M.S. program must include at least two recommendation letters from UCR Academic Senate faculty members (at least one, and preferably both, CSE faculty). Submission of GRE scores with the application is recommended but not required. Matriculation into the combined program occurs in the Fall term following senior year, provided:

(a) the M.S. application is accepted, (b) throughout senior year, the student is a Computer Engineering B.S. major with cumulative GPA 3.4 or higher, (c) by the end of senior year, the student completes the Computer Engineering B.S. degree requirements.

Incoming students who are applying to the Computer Engineering B.S. program may simultaneously apply for preliminary admission into the combined program provided their high school GPA is at least 3.6, their SAT-I combined score is at least 1950, they satisfy the Entry Level Writing requirement before matriculation, and they have sufficient math preparation to enroll in calculus

PROPOSED:

Combined B.S. + M.S. Five-Year Program.

The college offers a combined five year B.S. + M.S. program, designed to allow successful UCR Computer Engineering B.S. graduates to complete the Master of Science degree in Computer Engineering in one year, by allowing up to 12 credits of coursework taken as a UCR undergraduate to be counted towards the elective requirements of the M.S. (The courses that can be double counted are those that are used as technical electives in the B.S. requirements.) A student may apply at the start of their senior year by submitting an application to the Computer Engineering M.S. program, provided that at the end of junior year, the student was a UCR Computer Engineering B.S. student with cumulative GPA at least 3.4 and had completed the following courses with no grade less than a B- and average grade at least 3.2: CS 100, CS 120A, CS 161. The application to the M.S. program must include at least two recommendation letters from UCR Academic Senate faculty members (at least one, and preferably both, CSE faculty). Submission of GRE scores with the application is recommended but not required. Matriculation into the combined program occurs in the Fall term following senior year, provided:

(a) the M.S. application is accepted, (b) throughout senior year, the student is a Computer Engineering B.S. major with cumulative GPA 3.4 or higher, (c) by the end of senior year, the student completes the Computer Engineering B.S. degree requirements.

No change

upon arrival. Preliminary admission status is maintained as long as the student is a Computer Engineering or Computer Science B.S. student in good standing with a cumulative GPA of at least 3.4. Preliminarily admitted students still need to apply for full admission in their senior year as described above.

Five-year programs leading to M.S. degrees in other programs (including Computer Science) are also available. They are described separately in the catalog sections for those programs. No change

JUSTIFICATION:

Changed language in the BS+MS Five-Year Program section to clarify that only courses *used* as technical electives in the B.S. requirement can be double counted. This clarification is necessary because BS CEN student can take CS122A (which is listed as an UG technical elective) but can also count in their BS degree requirements as an upper-division requirement and not a technical elective requirement. This clarification will limit double counting to courses that are actually “*used as technical electives*” and not courses that are “*eligible to be counted as technical electives*”.

APPROVALS:

Approved by the faculty of the Department of Computer Science and Engineering:	January 19, 2023
Approved by the Executive Committee of the Bourns College of Engineering:	March 9, 2023
Approved by the Committee on Educational Policy:	February 24, 2023
Approved by Graduate Council:	February 16, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF NATURAL AND AGRICULTURAL SCIENCES AND
THE MARLAN AND ROSEMARY BOURNS COLLEGE OF ENGINEERING
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to the Undergraduate Major in Data Science

PRESENT:

Major

Data science studies the collection, management, and analysis of data to extract knowledge. It is a multidisciplinary program with core components from Computer Science and Statistics, and required application study in a variety of empirical disciplines. Courses span the discipline from theory to practice and prepare students for careers or graduate studies in data-intensive fields.

The B.S. in Data Science major is an intercollege major offered by the Marlan and Rosemary Bourns College of Engineering and the College of Natural and Agricultural Sciences. A B.S. degree in Data Science is offered by each college. When students declare the major, they choose from which college they wish to have their degree awarded. Students whose degrees are awarded by the Marlan and Rosemary Bourns College of Engineering are advised in and have their records maintained by the BCOE Office of Student Academic Affairs; students whose degrees are awarded by the College of Natural and Agricultural Sciences are advised in and have their records maintained by the CNAS Undergraduate Academic Advising Center. Breadth requirements vary by college; and students must fulfill the breadth requirements of the college they choose.

All undergraduates in the Marlan and Rosemary Bourns College of Engineering must see an advisor at least annually. Visit student.engr.ucr.edu for details.

PROPOSED:

Major

[no change]

University Requirements

See Undergraduate Students section.

College Requirements

College breadth requirements vary depending on which college is chosen to award the degree. For details on breadth requirements, see the Colleges and Programs section of this catalog. Students are encouraged to consult their advisor regarding requirements.

Major Requirements

1. Lower-division requirements (~~37~~ units):

- a) CS 010A, CS 010B, CS 010C
- b) MATH 007A or MATH 009A or MATH 09HA, MATH 007B or MATH 009B or MATH 09HB, MATH 009C or MATH 09HC, MATH 010A, MATH 031(MATH 009A and MATH 009B are strongly recommended)
- c) MATH 011/CS 011

2. Upper-division requirements (60 units):

- a) CS 105, CS 141
- b) STAT 107, STAT 156A, STAT 156B, STAT 169, STAT 170
- c) ~~ENGR 170 or PBPL 170~~
- d) CS 166 or CS 167
- e) STAT 167 or ~~CS 171~~
- f) STAT 183 or CS 179 (E-Z)
- g) Four courses (at least 16 units) from the following list, none of which can also be used to satisfy other major requirements: CS 166, CS 167, CS 170, CS 172, CS 180, CS 181, MATH 120, MATH 135A, ~~STAT 104, STAT 127~~, STAT 130, STAT

University Requirements

[no change]

College Requirements

[no change]

Major Requirements

1. Lower-division requirements (47 units):

- a) CS 010A, CS 010B, CS 010C
- b) MATH 007A or MATH 009A or MATH 09HA, MATH 007B or MATH 009B or MATH 09HB, MATH 009C or MATH 09HC, MATH 010A, MATH 031(MATH 009A and MATH 009B are strongly recommended)
- c) MATH 011/CS 011
- d) STAT 010, STAT 011

2. Upper-division requirements (60 units):

- a) CS 105, CS 141
- b) STAT 107, STAT 156A, STAT 156B, STAT 169, STAT 170
- c) CS 108/STAT 108
- d) CS 166 or CS 167
- e) STAT 167 or CS 171/EE 142
- f) STAT 183 or CS 179 (E-Z)
- g) Four courses (at least 16 units) from the following list, none of which can also be used to satisfy other major requirements: CS 166, CS 167, CS 170, CS 172, CS 180, CS 181, MATH 120, MATH 135A, BUS 104/STAT 104, BUS 127/STAT 127,

140, STAT 146, STAT 157, STAT 171.

STAT 130, STAT 140, STAT 146, STAT 157, STAT 171.

3. Major Breadth requirement (8 units) One two-course sequence, chosen from the course sequences listed below:

- i. BIOL 005B, BIOL 005C
- ii. BIOL 005B, BIOL 102
- iii. BUS 103 and BUS 115
- iv. BUS 103 and BUS 119
- v. BUS 105 and BUS 129
- vi. ECON 108 and ECON 136
- vii. ~~EE 142 and EE 146~~
- viii. GEO 111 and GEO 161
- ix. GEO 115 and GEO 147

Note

~~An introductory Statistics class, such as STAT 010 and STAT 011, is strongly recommended.~~

3. Major Breadth requirement (8 units); One two-course sequence, chosen from the course sequences listed below:

- i. BIOL 005B, BIOL 005C
- ii. BIOL 005B, BIOL 102
- iii. BUS 103 and BUS 115
- iv. BUS 103 and BUS 119
- v. BUS 105 and BUS 129
- vi. ECON 108 and ECON 136
- vii. EE 144/ME 144 and one of: EE 106 or EE 146 or EE148
- viii. GEO 111 and GEO 161
- ix. GEO 115 and GEO 147

Note

CS 100 and CS 111 are strongly recommended.

Justification:

- In the previous catalog entry the whole program faculty was listed under the title Program Committee. Instead, we now list only the Program Committee members as it is common practice in other programs as well.
- We update the lower division requirements to include STAT010 and STAT011. When the program was initially designed these two courses (or equivalents) were highly recommended. Based on the experience from the program's first two years, our college advisors suggested adding those courses in the required list as they offer basic background that our students miss.
- In the upper division requirements we add the new Data Ethics course (CS/STAT 108) we specifically designed for this major instead of ENGR/PBPL 170 which was a research ethics course we used when we designed the program. CS/STAT 108 covers ethics from a data science perspective and is more appropriate; moreover, ENGR/PBPL 170 has not been offered in recent years.

- In the upper division requirements we correct three course numbers with their appropriate cross-listed numbers (CS 171/EE 142 instead of CS 171, BUS/STAT 104 instead of STAT 104, BUS/STAT 127 instead of STAT 127).
- In the major breadth requirement sequences, we remove the previous sequence (EE 142 and EE 146) to correct an error with our original design: EE142 is cross-listed with CS 171 which is one of the major's possible core courses. Instead we add three options for that sequence namely: EE/ME 144 and one of: EE106 or EE 146 or EE148. Hence students can pick any of the three options to satisfy the sequence.
- We remove the previous recommendation about STAT 010 and STAT 011 (since they are now in the lower division required courses). Moreover, based on suggestions from the college advisors we add a recommendation for CS100 and CS111.

Approvals:

Approved by the faculty of the Program in Data Science:	October 26, 2022
Approved by the Executive Committee of the College of Engineering:	November 8, 2022
Approved by the Executive Committee of the College of Natural and Agricultural Sciences:	January 10, 2023
Approved by the Committee on Educational Policy:	April 27, 2023

**EXECUTIVE COMMITTEE
BOURNS COLLEGE OF ENGINEERING
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Change to the Undergraduate Major in Robotics Engineering

PROPOSED:

Change of Major Criteria

All students who request a change of major to Robotics Engineering must meet the following requirements:

- Be in good academic standing
- Have no less than a C- in any Math, Science and Engineering coursework
- Be able to complete major within maximum allowable units.
- Complete all the courses listed below, based on the total number of units earned, prior to submitting the major change request
- UCR transfer students interested in changing to a BCOE major must have been admissible to the major at point of entry, or must satisfy transfer admission and change of major requirements before earning 120 units.
- If changing in the 90-119 units category, student must have the ability to complete major within 5 years of entry as a Freshmen or 3 years after entry as a Transfer student.
- Students who have earned 120 or more units are not eligible for a change of major in BCOE. NOTE: AP/IB units are excluded from maximum unit calculation.
- Any deviations will require approval of the Robotics Program Chair.

0 – 45 Units

Completion of ENGL 001A with C or better and completion of the following with at least a 3.0 GPA:

- MATH 009A
- MATH 009B
- CS 010A
- CS 010B
- PHYS 040A

Completion of ENGL 001A with C or better and completion of the following with at least a 3.0 GPA:

- MATH 009A
- MATH 009B
- MATH 009C
- MATH/CS 011
- CS 010A
- CS 010B
- CS 010C
- PHYS 040A

90 – 119 Units

Completion of ENGL 001A with C or better and completion of the following with at least a 3.0 GPA:

- MATH 009A
- MATH 009B
- MATH 009C
- MATH/CS 011
- MATH 031
- MATH046
- CS 010A
- CS 010B
- CS 010C
- PHYS 040A
- PHYS 040B
- ME 010

Justification:

Undergraduate students from other programs may be interested in changing their major to Robotics. This provides the criteria for enabling the change.

Approvals:

Approved by the Robotics Program:

September 18, 2022

Approved by the Executive Committee of the College of Engineering:

November 2, 2022

Approved by the Committee on Educational Policy:

April 10, 2023

**EXECUTIVE COMMITTEE
SCHOOL OF BUSINESS
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to the Undergraduate Actuarial Science major (ACTS)

PRESENT: (as originally submitted and approved by the Senate on 02/22/2022) **PROPOSED:**

Actuarial Science Major

~~1. Lower division requirements (41 units)~~

- ~~a) ACT 001~~
- ~~b) BUS 010; BUS 020~~
- ~~c) CS 008; CS 009P~~

- ~~d) MATH 009A; MATH 009B; MATH 009C;
MATH 010A; MATH 01B; MATH 031;
MATH 046~~

Actuarial Science Major

Lower division requirements (12-13 courses [at least 52 units])

Major prerequisites (non-BUS courses may be used to satisfy breadth requirements for the School of Business):

BUS 010 and BUS 020
CS 009A
ECON 002 and ECON 003
STAT 008 or STAT 010 or ECON 101

MATH 010A and MATH 010B
MATH 031
MATH 046

And at least one sequence from either

MATH 009A, MATH 009B, and MATH 009C

Or

MATH 005B and MATH 005C

College Requirements

~~College Requirements in Actuarial Science are the same as those for the B.S. in CNAS except that the requirement for Social Sciences is only two units and must not be a course in Economics. Note that college breadth requirements for the B.S. in Actuarial Science differ from those of CHASS, which are the requirements for the B.S. in Business~~

College Requirements

College Requirements in Actuarial Science follow the School of Business breadth requirements for Actuarial Science as stated below:

<u>English Composition</u>	<u>12 units up to ENGL 001C (BUS 100W can be used</u>
----------------------------	---

	<u>for ENGL 001C with a grade of C or better)</u>
<u>Humanities</u>	12 units. One course each from <u>A. World History</u> <u>B. Fine Arts, Literature, Philosophy, or Religious Studies</u> <u>C. One additional Humanities course</u>
<u>Social Sciences</u>	8 units. One course each from <u>A. Economics or Political Science</u> <u>B. Anthropology, Psychology, or Sociology</u>
<u>Ethnicity (4 units)*</u>	<u>*The 4-unit ethnicity requirement can be applied to either the Humanities or Social Sciences requirement, depending on content</u>
<u>Natural Sciences and Mathematics</u>	20 units. One course each from <u>A. Biological Science</u> <u>B. Mathematics</u> <u>C. Physical Science</u> <u>Plus, two additional courses from Mathematics, Statistics, or Computer Science</u>
<u>Additional Courses</u>	12 units from Humanities, Social Sciences, or Natural Sciences and Mathematics
<u>Total Units</u>	52 plus English Composition

We will accept a full IGETC certification for transfer students.

The major requirements for the B.S. in Actuarial Science are as follows:

Upper-division requirements (80 units, minimum)

Upper-division major requirements (19-20 courses [at least 80 units])

- | | | |
|----|---|--|
| a) | BUS 100W; BUS 125; BUS 126; BUS 131; BUS 133 (or BUS 106 and BUS 132); BUS 136; BUS 137 | <u>BUAS 101</u> , BUS 100W, BUS 125, BUS 126, <u>BUS 130</u> , BUS 131, BUS 133 (or BUS 106 and BUS 132), <u>BUS 134</u> , BUS 136, BUS 137, <u>ECON 104A</u> , <u>ECON 104B</u> , |
| b) | STAT 107; STAT 146; STAT 160A; STAT 160B; STAT 160C | STAT 107, STAT 146, STAT 160A, STAT 160B, STAT 160C and two of the following: STAT 161, STAT 167, STAT 170, STAT 171. |
| e) | Choose two from among: STAT 161; STAT 167; STAT 170 and STAT 171 | |

Justifications:

The proposed changes reconcile the curriculum shown in Appendix A of the Senate-approved proposal with that shown in Appendix D the Senate-approved proposal, as well as correct typos.

College requirements:

Proposed changes add flexibility to the curriculum.

Acceptance of IGETC certification had been left out of the approved proposal by mistake and has been added.

Major preparation courses:

ACT 001 is not a major preparation course but a major requirement course. Its abbreviation was also changed from ACT to BUAS by the university.

CS 008 was removed because it was not a necessary prerequisite for any of the courses for the major.

CS 009P was re-titled CS 009A by the Computer Science department.

MATH 01B was a typo and was corrected to MATH 010B.

ECON 002, ECON 003, and STAT 008/STAT 010/ECON 101 were added because they are pre-requisites for courses required in the major.

Major requirements:

Addition of BUAS 101 reflects the major requirement nature of the course, which had been listed as a major preparation course (previously labeled ACT 001).

Additions of BUS 130, BUS 134, ECON 104A, ECON 104B reconcile the proposed curriculum with that depicted in Appendix D of the Senate-approved proposal.

Approvals:

Approved by the School of Business Undergraduate Committee:	February 15, 2023
Approved by the School of Business Executive Committee:	February 22, 2023
Approved by the Committee on Educational Policy:	March 3, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to Anthropology/Law and Society Major

PRESENT:

Anthropology requirements

All requirements for the B.A. in Anthropology.
See Anthropology Major above for specific requirements.

2. Law and Society requirements (36 units)

- a) PHIL 007 or PHIL 007H
- b) LWSO 100 (with a grade of “C” or better)
- c) One course chosen from POSC 114, PSYC 012, SOC 004 (or equivalent course in research methods)
- d) Three courses chosen from ANTH 127, ECON 119, HISE 153, PHIL 165, POSC 167, PSYC 175, SOC 159
- e) Two courses chosen from ~~ENSC 174~~, HISA 120A, HISA 120B, HISE 123, LWSO 175 (E-Z), PHIL 164, POSC 111, POSC 166, POSC 168, POSC 186, SOC 147, SOC 149, SOC 180
- f) LWSO 193, Senior Seminar

Note: For sections 2.d) and 2.e) combined, not more than two courses may be taken from the same department. In filling the dual requirements of the major, students may not count more than two courses toward both parts of their total requirements (Anthropology requirements and Law and Society requirements).

Justification:

ENSC 174 DELETED FROM THE ENSC DEPTS COURSE CATALOG THEREFORE, JUST BE DELETED FROM EVERY UNDERGRAD PROGRAM.

Approvals:

Approved by the faculty of the Department of ANTHROPOLOGY:
Approved by the Executive Committee of the College of Humanities, Arts,
and Social Sciences:
Approved by the Committee on Educational Policy:

February 1, 2023

February 23, 2023
April 3, 2023

PROPOSED:

Anthropology requirements

All requirements for the B.A. in Anthropology.
See Anthropology Major above for specific requirements.

2. Law and Society requirements (36 units)

- a) PHIL 007 or PHIL 007H
- b) LWSO 100 (with a grade of “C” or better)
- c) One course chosen from POSC 114, PSYC 012, SOC 004 (or equivalent course in research methods)
- d) Three courses chosen from ANTH 127, ECON 119, HISE 153, PHIL 165, POSC 167, PSYC 175, SOC 159
- e) Two courses chosen from HISA 120A, HISA 120B, HISE 123, LWSO 175 (E-Z), PHIL 164, POSC 111, POSC 166, POSC 168, POSC 186, SOC 147, SOC 149, SOC 180
- f) LWSO 193, Senior Seminar

[no change]

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to Arabic Minor

PRESENT:

This minor introduces the field of Arabic studies, and offers training in the Arabic language and in the close reading of texts—including poetry, literature, philosophy, theoretical writings, essays, and film—with attention to problems of translation, the history of disciplines, and the formation of institutions. It teaches students to read cultural objects, practices, texts, and institutions as active sites of translation, negotiation, contestation, and invention.

Minor Requirements

1. Lower Division Requirements (language proficiency)
 - a. ARBC 001, 002, 003, and 004
2. Upper Division Requirements (16 units)
 - a. Twelve upper-division units in Arabic Literature and Culture from ARLC 120, ARLC 151/CPLT 151/MEIS 151, ARLC 152/CPLT 152, ARLC 154/CPLT 154/PHIL 128, ARLC 155/CPLT 155/MEIS 155/RLST 157, ARLC 156/CPLT 156/MEIS 156/RLST 156, ~~ARLC 158/CPLT 158/MEIS 158/RLST 158~~, and any other related courses chosen in consultation with the student's faculty advisor.
 - b. Four upper-division units from CPLT 110 or a related upper-division course.

PROPOSED:

This minor introduces the field of Arabic studies, and offers training in the Arabic language and in the close reading of texts—including poetry, literature, philosophy, theoretical writings, essays, and film—with attention to problems of translation, the history of disciplines, and the formation of institutions. It teaches students to read cultural objects, practices, texts, and institutions as active sites of translation, negotiation, contestation, and invention.

Minor Requirements

1. Lower Division Requirements (language proficiency)
 - a. ARBC 001, 002, 003, and 004
2. Upper Division Requirements (16 units)
 - a. Twelve upper-division units in Arabic Literature and Culture from ARLC 120, ARLC 151/CPLT 151/MEIS 151, ARLC 152/CPLT 152, ARLC 154/CPLT 154/PHIL 128, ARLC 155/CPLT 155/MEIS 155/RLST 157, ARLC 156/CPLT 156/MEIS 156/RLST 156, and any other related courses chosen in consultation with the student's faculty advisor.
 - b. Four upper-division units from CPLT 110 or a related upper-division course.

Justification:

The Comparative Literature & Languages Departments is discontinuing ARLC 158/CPLT 158/MEIS 158/RLST 158 due to a NOFY report for Fall 2023 that was sent by the Committee on Courses.

Approvals:

Approved by the faculty of the Department of Comparative Literature & Languages:	January 10, 2023
Approved by the Executive Committee of the College of Humanities, Arts, and Social Sciences:	February 23, 2023
Approved by the Committee on Educational Policy:	April 4, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to Chinese Major

PRESENT:

The Chinese Major enables a student to acquire proficiency in the Chinese language and to study Chinese literature, culture, and society using interdisciplinary methods.

PROPOSED:

The Chinese Major enables a student to acquire proficiency in the Chinese language and to study Chinese literature, culture, and society using interdisciplinary methods.

1. Lower-division requirements (12 units plus language proficiency)

- a. Proficiency in Chinese through the intermediate level (CHN 006 or its equivalent)
- b. Four (4) units from lower-division lecture courses on Chinese literature, culture, and film: AST 030/CHN 030, AST 040/CHN 040, AST 046/CHN 046, AST 048/CHN 048, and any other lower-division lecture courses on Chinese literature, culture, and film chosen in consultation with the student's advisor.
- c. Eight (8) units: CPLT 001 or CPLT 001W, 1 lower-division CPLT course

2. Upper-division requirements (36 units)

- a. Twelve (12) units in Chinese language from CHN 101A, CHN 101B, CHN 101C. Students whose proficiency exceeds the 101 series should take the 12 required units by taking ~~CHN 105, CHN 108~~, CHN 110 (E-Z), CHN 115 (E-Z), by taking the courses listed under (b) or (c), or by using EAP language courses.
- b. Twelve (12) units in Chinese literature, culture, and film from ~~AST 107/CHN 107/RLST 107~~, AST 135/CHN 135, AST 136/CHN 136, AST 142/CHN 142, AST 145/ CHN 141/CLA 141/CPAC 141/POSC 140, AST 148/CHN 148, AST 185/CHN 185/ MCS 169, CHN 104, ~~CHN 105, CHN 106, CHN 108~~, CHN 110 (E-Z), CHN 115 (E-Z), CHN 134, CHN 137, CHN 190, CPLT 142E/ GSST 142E, and any other upper-division lecture courses related to China or East Asia chosen in consultation with the student's advisor.
- c. Eight (8) units in upper-division courses related to China or East Asia from other departments

1. Lower-division requirements (12 units plus language proficiency)

- a. Proficiency in Chinese through the intermediate level (CHN 006 or its equivalent)
- b. Four (4) units from lower-division lecture courses on Chinese literature, culture, and film: AST 030/CHN 030, AST 040/CHN 040, AST 046/CHN 046, AST 048/CHN 048, and any other lower-division lecture courses on Chinese literature, culture, and film chosen in consultation with the student's advisor.
- c. Eight (8) units: CPLT 001 or CPLT 001W, 1 lower-division CPLT course

2. Upper-division requirements (36 units)

- a. Twelve (12) units in Chinese language from CHN 101A, CHN 101B, CHN 101C. Students whose proficiency exceeds the 101 series should take the 12 required units by taking CHN 110 (E-Z), CHN 115 (E-Z), by taking the courses listed under (b) or (c), or by using EAP language courses.
- b. Twelve (12) units in Chinese literature, culture, and film from CHN 107, AST 135/CHN 135, AST 136/CHN 136, AST 142/CHN 142, AST 145/ CHN 141/CLA 141/CPAC 141/POSC 140, AST 148/CHN 148, AST 185/CHN 185/ MCS 169, CHN 104, CHN 106, CHN 110 (E-Z), CHN 115 (E-Z), CHN 134, CHN 137, CHN 190, CPLT 142E/ GSST 142E, and any other upper-division lecture courses related to China or East Asia chosen in consultation with the student's advisor.
- c. Eight (8) units in upper-division courses related to China or East Asia from other departments

(with adviser's consent), can include the courses listed under (b).

- d. CPLT 193 (4) units. (CPLT 196 strongly recommended but not required)

(with adviser's consent), can include the courses listed under (b).

- d. CPLT 193 (4) units. (CPLT 196 strongly recommended but not required)

Justification:

The Comparative Literature & Languages Departments is discontinuing CHN 105 and CHN 108 due to a NOFY report for Fall 2023 that was sent by the Committee on Courses.

Approvals:

Approved by the faculty of the Department of Comparative Literature & Languages: January 10, 2023

Approved by the Executive Committee of the College of Humanities, Arts, and

Social Sciences:

February 23, 2023

Approved by the Committee on Educational Policy:

April 4, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to Chinese Minor

PRESENT:

1. Lower-division requirements (4 units plus language proficiency)

- a. Proficiency in Chinese through the intermediate level (second year)
- b. Four (4) units from lower-division lecture courses on Chinese literature and culture: CHN 030/AST 030, CHN 040/AST 040, CHN 046/AST 046 or CHN 046W/AST 046W, CHN 048/AST 048

2. Upper-division requirements (20 units)

- a. Twelve (12) upper-division units in Chinese language from CHN 101A, CHN 101B, CHN 101C. Students whose proficiency exceeds the 101 series should take the 12 required units by taking ~~CHN 105, CHN 108~~, CHN 110 (E-Z), CHN 115 (E-Z), by taking the courses listed under (b) or (c), or by using EAP language courses.
- b. Eight (8) units in Chinese literature and culture from CHN 104, ~~CHN 105~~, CHN 106/PHIL 123, CHN 107/AST 107/RLST 107, ~~CHN 108~~, CHN 110 (E-Z), CHN 115 (E-Z), CHN 118 (E-Z)/AST 118 (E-Z), CHN 132/AST 132/CLA 132/CPAC 132, CHN 134, CHN 135/AST 135, CHN 136/AST 136, CHN 137, CHN 141/AST 145/CLA 141/CPAC 141/ POSC 140, CHN 142/AST 142, CHN 148/ AST 148, CHN 185/AST 185/MCS 169, CHN 190 CPLT 142E/GSST 142E, and any other upper-division lecture courses related to China or East Asia chosen in consultation with the student's advisor.

PROPOSED:

1. Lower-division requirements (4 units plus language proficiency)

- a. Proficiency in Chinese through the intermediate level (second year)
- b. Four (4) units from lower-division lecture courses on Chinese literature and culture: CHN 030/AST 030, CHN 040/AST 040, CHN 046/AST 046 or CHN 046W/AST 046W, CHN 048/AST 048

2. Upper-division requirements (20 units)

- a. Twelve (12) upper-division units in Chinese language from CHN 101A, CHN 101B, CHN 101C. Students whose proficiency exceeds the 101 series should take the 12 required units by taking CHN 110 (E-Z), CHN 115 (E-Z), by taking the courses listed under (b) or (c), or by using EAP language courses.
- b. Eight (8) units in Chinese literature and culture from CHN 104, CHN 106/PHIL 123, CHN 107/AST 107/RLST 107, CHN 110 (E-Z), CHN 115 (E-Z), CHN 118 (E-Z)/AST 118 (E-Z), CHN 132/AST 132/CLA 132/CPAC 132, CHN 134, CHN 135/AST 135, CHN 136/AST 136, CHN 137, CHN 141/AST 145/CLA 141/CPAC 141/ POSC 140, CHN 142/AST 142, CHN 148/AST 148, CHN 185/AST 185/MCS 169, CHN 190_CPLT 142E/GSST 142E, and any other upper-division lecture courses related to China or East Asia chosen in consultation with the student's advisor.

Justification:

The Comparative Literature & Languages Departments is discontinuing CHN 105 and CHN 108 due to a NOFY report for Fall 2023 that was sent by the Committee on Courses.

Approvals:

Approved by the faculty of the Department of Comparative Literature & Languages:	January 10, 2023
Approved by the Executive Committee of the College of Humanities, Arts, and Social Sciences:	February 23, 2023
Approved by the Committee on Educational Policy:	April 4, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to Classical Studies Major

PRESENT:

Language Proficiency

All students in Classical Studies must complete either LATN 001, LATN 002, and LATN 003 (or equivalents) or GRK 001, GRK 002, and GRK 003 (or equivalents). They must also complete 12 upper-division units (or the equivalent) of course work in Latin or Greek.

1. Language proficiency requirement:

- a. either LATN 001, LATN 002, and LATN 003 (or equivalents) or GRK 001, GRK 002, and GRK 003 (or equivalents)

and

- b. Twelve (12) upper-division units or the equivalent of course work in Latin or Greek

2. Civilization requirement

Two courses from CLA 010A, CLA 010B, or CLA 010C, or CLA 010D

3. a) CPLT 001 or CPLT 001W and 1 lower- division CPLT course (8 units)

b) CPLT 193 (4 units). (CPLT 196 strongly recommended but not required).

4. Twenty-four (24) units from the following:

- a. Upper-division Latin or Greek literature courses beyond the language proficiency requirement
- b. AHS 147, AHS 148, CLA 100/HISE 110 CLA 102/CPAC 102, CLA 112/CPLT 112/RLST 117, CLA 113/CPAC 112/HISE 113, CLA 114/ CPLT 114, CLA 120 (E-Z), CLA 121/CPAC 121/POSC 121, CLA 132/AST 132/CHN 132/CPAC 132, CLA 141/CHN 141/CPAC 141, ~~CLA 165~~, CLA 190, GRK 190, HISE 112, HISE 114/CPAC 133, HISE 115, HISE 116, HISE 117, HISE 118, HIST 103, HIST 110/ CPAC 134, LATN 190, PHIL 120(E-Z), PHIL 121Q, POSC 110, RLST 136, THEA 125E

PROPOSED:

Language Proficiency

All students in Classical Studies must complete either LATN 001, LATN 002, and LATN 003 (or equivalents) or GRK 001, GRK 002, and GRK 003 (or equivalents). They must also complete 12 upper-division units (or the equivalent) of course work in Latin or Greek.

1. Language proficiency requirement:

- a. either LATN 001, LATN 002, and LATN 003 (or equivalents) or GRK 001, GRK 002, and GRK 003 (or equivalents)

and

- b. Twelve (12) upper-division units or the equivalent of course work in Latin or Greek

2. Civilization requirement

Two courses from CLA 010A, CLA 010B, or CLA 010C, or CLA 010D

3. a) CPLT 001 or CPLT 001W and 1 lower- division CPLT course (8 units)

b) CPLT 193 (4 units). (CPLT 196 strongly recommended but not required).

4. Twenty-four (24) units from the following:

- a. Upper-division Latin or Greek literature courses beyond the language proficiency requirement
- b. AHS 147, AHS 148, CLA 100/HISE 110 CLA 102/CPAC 102, CLA 112/CPLT 112/RLST 117, CLA 113/CPAC 112/HISE 113, CLA 114/ CPLT 114, CLA 120 (E-Z), CLA 121/CPAC 121/POSC 121, CLA 132/AST 132/CHN 132/CPAC 132, CLA 141/CHN 141/CPAC 141, CLA 190, GRK 190, HISE 112, HISE 114/CPAC 133, HISE 115, HISE 116, HISE 117, HISE 118, HIST 103, HIST 110/ CPAC 134, LATN 190, PHIL 120(E-Z), PHIL 121Q, POSC 110, RLST 136, THEA 125E

- c. Other courses outside the Classics program related to the major with approval of the student's advisor

- c. Other courses outside the Classics program related to the major with approval of the student's advisor

Highly recommended lower-division courses are CLA 040 (Classical Mythology) and CLA 045 (The Ancient World in Film and Television). In their course selection, students should seek exposure to both the Greek and Roman components of the major.

Highly recommended lower-division courses are CLA 040 (Classical Mythology) and CLA 045 (The Ancient World in Film and Television). In their course selection, students should seek exposure to both the Greek and Roman components of the major.

Justification:

The Comparative Literature & Languages Departments is discontinuing CLA 165 due to a NOFY report for Fall 2023 that was sent by the Committee on Courses.

Approvals:

Approved by the faculty of the Department of Comparative Literature & Languages:	January 10, 2023
Approved by the Executive Committee of the College of Humanities, Arts, and Social Sciences:	February 23, 2023
Approved by the Committee on Educational Policy:	April 4, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to Classical Studies Minor

PRESENT:

The Classical Studies minor offers students a fundamental understanding of classical language and culture which form the basis of much of western civilization. The minor naturally complements liberal arts degrees in many areas, including History, Art History, Philosophy, English, and Religious Studies. Students profit from the skills associated with a degree in the classics, such as enhancement of analytical and critical abilities, communication skills, and verbal proficiency.

1. **One course from CLA 010A, CLA 010B, or CLA 010C**
2. **Either LATN 001, LATN 002, and LATN 003 (or equivalents) or GRK 001, GRK 002, and GRK 003 (or equivalents)**
3. **One upper-division course (4 units) in either Latin or Greek**
4. **Three courses from among the following (12 units)**
 - a. Greek at or above the 100 level
 - b. Latin at or above the 100 level
 - c. AHS 147, AHS 148, CLA 100/HISE 110, CLA 102/CPAC 102, CLA 112/CPLT 112/ RLST 117, CLA 113/CPAC 112/HISE 113, CLA 114/CPLT 114, CLA 120 (E-Z), CLA 121/CPAC 121/POSC 121, CLA 132/AST 132/CHN 132/CPAC 132, CLA 141/AST 145/CHN 141/CPAC 141/POSC 140, ~~CLA 145~~, CLA 190, GRK 190, HISE 111, HISE 112, HISE 114/CPAC 133, HISE 115, HISE 116, HISE 117, HISE 118, HIST 110/CPAC 134, LATN 190, PHIL 120 (E-Z), LATN 190, PHIL 121Q, POSC 110, RLST 136, THEA 125E

See Minors under the College of Humanities, Arts, and Social Sciences in the Colleges and Programs section of this catalog for additional information on minors.

PROPOSED:

The Classical Studies minor offers students a fundamental understanding of classical language and culture which form the basis of much of western civilization. The minor naturally complements liberal arts degrees in many areas, including History, Art History, Philosophy, English, and Religious Studies. Students profit from the skills associated with a degree in the classics, such as enhancement of analytical and critical abilities, communication skills, and verbal proficiency.

1. **One course from CLA 010A, CLA 010B, or CLA 010C**
2. **Either LATN 001, LATN 002, and LATN 003 (or equivalents) or GRK 001, GRK 002, and GRK 003 (or equivalents)**
3. **One upper-division course (4 units) in either Latin or Greek**
4. **Three courses from among the following (12 units)**
 - a. Greek at or above the 100 level
 - b. Latin at or above the 100 level
 - c. AHS 147, AHS 148, CLA 100/HISE 110, CLA 102/CPAC 102, CLA 112/CPLT 112/ RLST 117, CLA 113/CPAC 112/HISE 113, CLA 114/CPLT 114, CLA 120 (E-Z), CLA 121/CPAC 121/POSC 121, CLA 132/AST 132/CHN 132/CPAC 132, CLA 141/AST 145/CHN 141/CPAC 141/POSC 140, CLA 190, GRK 190, HISE 111, HISE 112, HISE 114/CPAC 133, HISE 115, HISE 116, HISE 117, HISE 118, HIST 110/CPAC 134, LATN 190, PHIL 120 (E-Z), LATN 190, PHIL 121Q, POSC 110, RLST 136, THEA 125E

See Minors under the College of Humanities, Arts, and Social Sciences in the Colleges and Programs section of this catalog for additional information on minors.

Justification:

The Comparative Literature & Languages Departments is discontinuing CLA 165 due to a NOFY report for Fall 2023 that was sent by the Committee on Courses.

Approvals:

Approved by the faculty of the Department of Comparative Literature & Languages: January 10, 2023

Approved by the Executive Committee of the College of Humanities, Arts, and

Social Sciences:

February 23, 2023

Approved by the Committee on Educational Policy:

April 3, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to Comparative Ancient Civilizations Major

PRESENT:

1. Lower-division requirements (20 units): CPLT 001 or CPLT 001W, 1 lower-division CPLT course, and any three from ANTH 003, ANTH 004, AST 030/CHN 030, CLA 010A, CLA 010B, CLA 010C, CPLT 017A
2. Upper-division requirements (44 units)
 - a. At least 16 units from CPAC 102/CLA 102, CPAC 112/CLA 113/HISE 113, CPAC 121/CLA 121/ POSC 121, CPAC 132/AST 132/CHN 132/CLA 132, CPAC 133/HISE 114, CPAC 134/HIST 110, CPAC 141/AST 141/CHN 141/CLA 141/AST 145/ POSC 140
 - b. CPLT 193 (4 units). (CPLT 196 strongly recommended but not required)
 - c. The balance (24 units) from any of the following upper-division courses in related disciplines; students are recommended, in consultation with their advisor, to focus on one or two ancient civilizations in related courses to obtain special depth in those areas. Since related course offerings in these areas are often added, some of the most recent courses acceptable to fulfill this requirement may not be listed and students are advised to consult with the major advisor.

Anthropology

ANTH 110
ANTH 117
ANTH 144E

Art History

AHS 144/AST 144
AHS 146/AST 147
AHS 147
AHS 148
AHS 155

Asian Studies

AST 107/CHN 107/RLST 107
AST 136/CHN 136

PROPOSED:

1. Lower-division requirements (20 units): CPLT 001 or CPLT 001W, 1 lower-division CPLT course, and any three from ANTH 003, ANTH 004, AST 030/CHN 030, CLA 010A, CLA 010B, CLA 010C, CPLT 017A
2. Upper-division requirements (44 units)
 - a. At least 16 units from CPAC 102/CLA 102, CPAC 112/CLA 113/HISE 113, CPAC 121/CLA 121/ POSC 121, CPAC 132/AST 132/CHN 132/CLA 132, CPAC 133/HISE 114, CPAC 134/HIST 110, CPAC 141/AST 141/CHN 141/CLA 141/AST 145/ POSC 140
 - b. CPLT 193 (4 units). (CPLT 196 strongly recommended but not required)
 - c. The balance (24 units) from any of the following upper-division courses in related disciplines; students are recommended, in consultation with their advisor, to focus on one or two ancient civilizations in related courses to obtain special depth in those areas. Since related course offerings in these areas are often added, some of the most recent courses acceptable to fulfill this requirement may not be listed and students are advised to consult with the major advisor.

Anthropology

ANTH 110
ANTH 117
ANTH 144E

Art History

AHS 144/AST 144
AHS 146/AST 147
AHS 147
AHS 148
AHS 155

Asian Studies

AST 107/CHN 107/RLST 107
AST 136/CHN 136

AST 142/CHN 142/RLST 142
AST 144/AHS 144
AST 147/AHS 147
AST 148/CHN 148

Chinese

CHN 107/AST 107/RLST 107
CHN 142/AST 142/RLST 142
CHN 148/AST 148

Classics

CLA 100/HISE 110
CLA 112/CPLT 112/RLST 117
CLA 113/CPAC 112/HISE 113
CLA 114/CPLT 114
CLA 120 (E-Z)
CLA 121/CPAC 121/POSC 121
CLA 132/CPAC 132/AST 132/CHN 132
CLA 141/CPAC 141/AST 145/CHN 141/POSC 140
~~CLA 165~~

Comparative Literature

CLA 112/CPLT 112/RLST 117
CLA 114/CPLT 114

English

ENGL 100 (E-Z)
ENGL 149
ENGL 151A
ENGL 151B

Ethnic Studies

ETST 115 (E-Z)/HISA 144 (E-Z)

Greek

GRK 101 (E-Z)

History

HISA 144 (E-Z)/ETST 115 (E-Z)
HISE 110/CLA 100
HISE 115
HISE 116
HISE 117
HISE 150
HISE 171
HIST 110/CPAC 134
HIST 180
HIST 181

Latin

LATN 101 (E-Z)
LATN 135

AST 142/CHN 142/RLST 142
AST 144/AHS 144
AST 147/AHS 147
AST 148/CHN 148

Chinese

CHN 107/AST 107/RLST 107
CHN 142/AST 142/RLST 142
CHN 148/AST 148

Classics

CLA 100/HISE 110
CLA 112/CPLT 112/RLST 117
CLA 113/CPAC 112/HISE 113
CLA 114/CPLT 114
CLA 120 (E-Z)
CLA 121/CPAC 121/POSC 121
CLA 132/CPAC 132/AST 132/CHN 132
CLA 141/CPAC 141/AST 145/CHN 141/POSC 140

Comparative Literature

CLA 112/CPLT 112/RLST 117
CLA 114/CPLT 114

English

ENGL 100 (E-Z)
ENGL 149
ENGL 151A
ENGL 151B

Ethnic Studies

ETST 115 (E-Z)/HISA 144 (E-Z)

Greek

GRK 101 (E-Z)

History

HISA 144 (E-Z)/ETST 115 (E-Z)
HISE 110/CLA 100
HISE 115
HISE 116
HISE 117
HISE 150
HISE 171
HIST 110/CPAC 134
HIST 180
HIST 181

Latin

LATN 101 (E-Z)
LATN 135

Philosophy

PHIL 120 (E-Z)
PHIL 122E

Political Science

POSC 110

Religious Studies

RLST 101
RLST 106
RLST 107/AST 107/CHN 107
RLST 111
RLST 117/CLA 112/CPLT 112
RLST 121
RLST 124 (E-Z)
RLST 128E
RLST 130
RLST 131
RLST 136
RLST 142/AST 142/CHN 142

Philosophy

PHIL 120 (E-Z)
PHIL 122E

Political Science

POSC 110

Religious Studies

RLST 101
RLST 106
RLST 107/AST 107/CHN 107
RLST 111
RLST 117/CLA 112/CPLT 112
RLST 121
RLST 124 (E-Z)
RLST 128E
RLST 130
RLST 131
RLST 136
RLST 142/AST 142/CHN 142

Justification:

The Comparative Literature & Languages Departments is discontinuing CLA 165 due to a NOFY report for Fall 2023 that was sent by the Committee on Courses.

Approvals:

Approved by the faculty of the Department of Comparative Literature & Languages: January 10, 2023

Approved by the Executive Committee of the College of Humanities, Arts, and

Social Sciences:

February 23, 2023

Approved by the Committee on Educational Policy:

April 3, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to Comparative Literature Major

PRESENT:

1. Lower-division requirements (~~20~~ units plus proficiency)

- a. Proficiency in at least one language (besides English), ancient or modern, through the intermediate level (second year)
- b. CPLT 001 or CPLT 001W, and 1 lower-division CPLT course
- c. ~~CPLT 017A, CPLT 017B, CPLT 017C~~

2. Upper-division requirements (~~48~~ units)

- a. ~~Sixteen (16)~~ units in one literature, distributed as much as possible among courses representing the various literary periods
- b. ~~Twelve (12)~~ units in a second literature
- c. CPLT 110, CPLT 193, (CPLT 196 strongly recommended but not required)
- d. ~~Twelve (12)~~ elective units in Comparative Literature

Students contemplating graduate study in Comparative Literature are urged to complete two years in a second (non-English) language before graduation.

PROPOSED:

1. Lower-division requirements (12 units plus proficiency)

- a. Proficiency in at least one language (besides English), ancient or modern, through the intermediate level (second year)
- b. CPLT 001 or CPLT 001W, and 1 lower-division CPLT course
- c. CPLT 017C or 1 lower-division ARLC, CHN, CLA, CPAC, CPLT, EUR, FREN, GER, ITAL, JPN, KOR, RUSN, SEAS, or VNM course on literature, culture, cinema, or the like.

2. Upper-division requirements (36 units)

- a. Twelve (12) units in one literature, distributed as much as possible among courses representing the various literary periods
- b. Eight (8) units in a second literature
- c. CPLT 110, CPLT 193, (CPLT 196 strongly recommended but not required)
- d. Eight (8) elective units in Comparative Literature

Students contemplating graduate study in Comparative Literature are urged to complete two years in a second (non-English) language before graduation.

Justification:

Removal of CPLT 17a and 17b; retention of CPLT 17c or another lower-division literature, culture, or cinema course: The 17a-b-c series, on “Masterworks of World Literature,” reflects an older understanding of literary historical conceptualization which is no longer normative in the disciplines of literature studies as non-European literary traditions and categories for temporal organization have increasingly been recognized and have therefore placed in question these traditional epistemic terms. CPLT 17A covers “antiquity to early Renaissance” and CPLT 17B covers “early Renaissance to the Enlightenment,” and these historical and temporal categories do not map onto non-European literary and linguistics traditions and should no longer be a frame for literary historical understanding. At the same time, CPLT 17C is retained because, since it covers the modern period, it makes important contributions to the comparative study and literary traditions, forms, and modes of conceptualization, and since it contains within its curricular remit an explicit emphasis on “critical methods and approaches to comparative literature,” which is a core dimension of research and teaching in the field, to which students should be exposed at the lower-division level. Also at the same time, students are further provided the option to study a particular literary tradition or critical problem as it is framed in a number of lower-division courses in our department rather than CPLT 17C (“1 lower-division ARLC,

CHN, CLA, CPAC, CPLT, EUR, FREN, GER, ITAL, JPN, KOR, RUSN, SEAS, or VNM course on literature, culture, cinema, or the like”), and this is in order to introduce students to the diversity of disciplinary and intellectual framings in these areas, and also to allow students to gain an introduction to literary or cultural fields with which they may not have prior experience but which may become a locus of interest for literary or comparative study in the course of their studies in Comp Lit at UCR.

Reduction of upper-division course load requirements in literature 1, literature 2, and in the elective requirements: Comparative Literature entails the study of more than one literary tradition or critical, theoretical, or historical problem within a comparative frame. Undergraduate training therefore requires the study of more than one literature at the upper-division level as well as an exposure to the critical methods of literary studies. The student’s critical study at each of these levels is initiated in CPLT 1 (“Introduction to Close Reading”); is complemented through the other required lower-division coursework (as outlined in the chart and listing of courses above); and it is brought to fruition through the study of two literatures as well as critical methods and theory at the upper-division level (CPLT 110), through the 2 elective courses at the upper-division level; as well as through the completion of a senior capstone research project (CPLT 193). The faculty and advising staff have noted that the existing number of courses required at the lower and upper division levels can become a burden on students in terms of time to degree, and they have also noted that the number of courses required exceeds the norm in the field more generally. For this reason, the number of upper-division courses required in literature 1, literature 2, and in the electives has each been diminished by 1 course (as reflected in the above chart showing the listing of major requirements and units). These changes will allow students to retain a tighter focus in their studies; it will bring the major into more normative compliance in relation to the field nationally; and it will make time to degree within four years less onerous for students taking this major.

Approvals:

Approved by the faculty of the Department of Comparative Literature & Languages:	November 30, 2022
Approved by the Executive Committee of the College of Humanities, Arts, and Social Sciences:	February 23, 2023
Approved by the Committee on Educational Policy:	April 2, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to Economics/Law and Society Major

PRESENT:

The Law and Society major is open to undergraduate students with junior standing who have completed LWSO 100 with a grade of “C” or higher. The major requirements for the B.A. degree in Economics/Law and Society are as follows:

1. Economics requirements (11 courses [at least 49 units])
 - a) ECON 002 or ECON 002H, ECON 003 or ECON 003H with grades of C- or better
 - b) ECON 119
 - c) ECON 104A, ECON 104B, ECON 105A
 - d) Five additional upper-division courses in Economics worth 4 or 5 units each, including at least two that have either ECON 104A or ECON 105A or ECON 107 as a prerequisite. ECON 107 may be chosen as an advanced elective. ECON 102, 103, and 190 cannot be used to meet this requirement.

Note: Up to 4 units of internship credit may be counted toward the upper-division elective courses in Economics.

2. Law and Society requirements (36 units)
 - a) PHIL 007 or PHIL 007H
 - b) LWSO 100 (with a grade of “C” or better)
 - c) One course chosen from POSC 114, PSYC 012, SOC 004 (or equivalent course in research methods)
 - d) Three courses chosen from ANTH 127, ECON 119, HISE 153, PHIL 165, POSC 167, PSYC 175, SOC 159
 - e) Two courses chosen from ENSC 474, HISA 120A, HISA 120B, HISE 123, LWSO 175 (E-Z), PHIL 164,

PROPOSED:

[no change]

[no change]

[no change]

[no change]

- e) Two courses chosen from HISA 120A, HISA 120B, HISE 123, LWSO 175 (E-Z), PHIL 164, POSC 111, POSC 166, POSC

POSC 111, POSC 166, POSC 168,
POSC 186, SOC 147, SOC 149, SOC
180
f) LWSO 193, Senior Seminar

168, POSC 186, SOC 147, SOC 149, SOC
180

[no change]

Note: For sections 2.d) and 2.e) combined, not more than two courses may be taken from the same department. In filling the dual requirements of the major, students may not count more than two courses toward both parts of their total requirements. (This limitation applies to specified Economics requirements and Law and Society requirements.)

[no change]

Justification:

The Environmental Sciences department has decided to discontinue ENSC 174 effective Fall 2023.

Approvals:

Approved by the faculty of the Department of Economics:
Approved by the Executive Committee of the College of Arts,
Humanities, and Social Sciences:
Approved by the Committee on Educational Policy:

January 23, 2023

February 23, 2023

April 3, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted: Fall 2023

Proposed Changes to English Major

PRESENT:

The major requirements for the B.A. in English are as follows:

- 1. Lower-division requirements (at least 13 units, but no more than 20 units):**
 - a. English 020A, ENGL 020B, and ENGL 020C or their equivalent. These courses are normally required of all English majors as a prerequisite to upper division courses
- 2. Upper-division requirements (35-46 units):**
 - a. ENGL 102, or 102W. This course should normally be taken prior to or concurrently with the student's first upper-division English course.
 - b. Four courses; one course from each of the following areas:
 - i. English Literature to 1660: ENGL 117A, ENGL 117B, ENGL 117C, ENGL 117T, ~~ENGL 128E, ENGL 128F, ENGL 128G, ENGL 129A, ENGL 147F, ENGL 147S, ENGL 148Q,, ENGL 149, ENGL 151A, ENGL 151B, ENGL 151T, ENGL 152, ENGL 153, ENGL 154~~
 - ii. English Literature 1660-1900: ENGL 125A, ENGL 125B, ~~ENGL 128I, ENGL 128J, ENGL 128K, ENGL 128M, ENGL 128N, ENGL 129B, ENGL 147G, ENGL 147V, ENGL 148P, ENGL 148X, ENGL 148Y, ENGL 148Z, ENGL 161A, ENGL 161B, ENGL 161T, ENGL 166A, ENGL 166B, ENGL 166T, ENGL 172A, ENGL 172B, ENGL 172T~~
 - iii. American Literature to 1900: ENGL 120A, ENGL 126A, ENGL 127A, ~~ENGL 128O, ENGL 128Q, ENGL 130, ENGL 131, ENGL 132, ENGL 138A, ENGL 147M, ENGL 148W~~
 - iv. Literature after 1900: ENGL 120B, ENGL 120T, ENGL 125C, ENGL 126B, ENGL 127B, ENGL 127C, ~~ENGL 128P, ENGL 128R, ENGL 128S, ENGL 128T, ENGL 128U, ENGL 128V, ENGL~~

PROPOSED:

The major requirements for the B.A. in English are as follows:

- 1. Lower-division requirements (at least 13 units, but no more than 20 units):**
 - a. English 020A, ENGL 020B, and ENGL 020C or their equivalent. These courses are normally required of all English majors as a prerequisite to upper division courses
- 2. Upper-division requirements (35-46 units):**
 - a. ENGL 102 or 102W. This course should normally be taken prior to or concurrently with the student's first upper-division English course.
 - b. Four courses; one course from each of the following areas:
 - i. English Literature to 1660: ENGL 117A, ENGL 117B, ENGL 117C, ENGL 117T, ENGL 149, ENGL 151A, ENGL 151B, ENGL 151C, ENGL 152, ENGL 153, ENGL 154
 - ii. English Literature 1660-1900: ENGL 125A, ENGL 125B, ENGL 161A, ENGL 161B, ENGL 161T, ENGL 166A, ENGL 166B, ENGL 166T, ENGL 172A, ENGL 172B, ENGL 172T
 - iii. American Literature to 1900: ENGL 120A, ENGL 126A, ENGL 127A, ENGL 130, ENGL 131, ENGL 132, ENGL 138A
 - iv. Literature after 1900: ENGL 120B, ENGL 120T, ENGL 125C, ENGL 126B, ENGL 127B, ENGL 127C, ENGL 129C, ENGL 133, ENGL 134, ENGL 135, ENGL 136, ENGL 136T, ENGL 138B,

~~128W, ENGL 128X~~, ENGL 129C,
ENGL 133, ENGL 134, ENGL 135,
ENGL 136, ENGL 136T, ENGL 138B,
ENGL 138T, ENGL 139, ENGL 139T,
~~ENGL 147I, ENGL 147U, ENGL 148E,~~
~~ENGL 148G, ENGL 148M, ENGL~~
~~148R, ENGL 148S~~, ENGL 176A, ENGL
176B, ENGL 176C, ~~ENGL 176T~~

- c. One course on literature and related fields, including theory, or on a literary theme or genre, postcolonial literature, literature and gender, or literature and sexuality, to be chosen from among the following: ENGL 100 (~~E-Z~~), ENGL 101, ENGL 104, ENGL 121 (~~E-Z~~), ENGL 122 (~~E-Z~~)/LGBS 122(~~E-Z~~), ENGL 124A, ENGL 124B, ENGL 127T, ENGL 140(~~E-Z~~), ENGL 141(~~E-Z~~), ENGL 142 (~~E-Z~~), ENGL 143 (~~E-Z~~), ENGL 144(~~E-Z~~), ENGL 145 (~~E-Z~~)/MCS 145 (~~E-Z~~), ENGL 146 (~~E-Z~~)/MCS 146 (~~E-Z~~), ENGL 179A, ENGL 179B, ~~ENGL 179T~~
- d. Race and Ethnicity Requirement: This course can also count towards requirements 2b or 2c or 2f. This course is to be chosen from among the following: ENGL 120A, ENGL 120B, ENGL 120T, ENGL 121(~~E-Z~~), ~~ENGL 128U, ENGL 128W, ENGL 128X~~, ENGL 136, ENGL 136T, ENGL 138A, ENGL 138B, ENGL 138T, ENGL 139, ENGL 139T, ENGL 144 (~~E-Z~~), ENGL 145K
- e. English 188: Literature and the Professions or English 189: Capstone Research Seminar.
- f. Additional Upper Division Courses: Four additional upper-division English courses worth 4 units each. Only 4 units from either ENGL 103 or any upper division 4 unit Creative Writing course will be accepted toward the fulfillment of this requirement. One course worth 4 units of ENGL 190 may be counted toward this requirement. Proposals for ENGL 190 must be approved by a sponsoring faculty member and the department chair. If the student wishes to offer units from ENGL 190 as part of the additional upper-division courses, a copy of an approved petition will be placed in the student's file.

ENGL 138T, ENGL 139, ENGL 139T,
ENGL 176A, ENGL 176B, ENGL 176C

- c. One course on literature and related fields, including theory, or on a literary theme or genre, postcolonial literature, literature and gender, or literature and sexuality, to be chosen from among the following: ENGL 100, ENGL 101, ENGL 104, ENGL 121, ENGL 122 /LGBS 122, ENGL 124A, ENGL 124B, ENGL 127T, ENGL 140, ENGL 141, ENGL 142, ENGL 143, ENGL 144, ENGL 145/MCS 145, ENGL 146/MCS 146, ENGL 179A, ENGL 179SA, ENGL 179B
- d. Race and Ethnicity Requirement: This course can also count towards requirements 2b or 2c or 2f. This course is to be chosen from among the following: ENGL 120A, ENGL 120B, ENGL 120T, ENGL 121, ENGL 122, ENGL 136, ENGL 136T, ENGL 138A, ENGL 138B, ENGL 138T, ENGL 139, ENGL 139T, ENGL 140, ENGL 144, ENGL 145K
- e. English 188: Literature and the Professions or English 189: Capstone Research Seminar.
- f. Additional Upper Division Courses: Four additional upper-division English courses worth 4 units each. Only 4 units from either ENGL 103 or any upper division 4 unit Creative Writing course will be accepted toward the fulfillment of this requirement. One course worth 4 units of ENGL 190 may be counted toward this requirement. Proposals for ENGL 190 must be approved by a sponsoring faculty member and the department chair. If the student wishes to offer units from ENGL 190 as part of the additional upper-division courses, a copy of an approved petition will be placed in the student's file.

Students are not allowed more than 20 units at the lower-division level.	Students are not allowed more than 20 units at the lower-division level.
Students are encouraged to take at least one of the following as a college breadth requirement or as an elective: CLA 027A, CLA 027B, CLA 040; CPLT 017A, CPLT 017B, CPLT 017C; ETST 114,ETST 120, ETST 124, ETST 138, ETST 170, WRLT 170 , ETST 183; or any literature course in a language other than English. Students are also encouraged to take a course in British or American history, such as HIST 017A, HIST 017B, HISE 150, HISE 151, HISE 152.	Students are encouraged to take at least one of the following as a college breadth requirement or as an elective: CLA 027A, CLA 027B, CLA 040; CPLT 017A, CPLT 017B, CPLT 017C; ETST 114,ETST 120, ETST 124, ETST 138, ETST 170, ETST 183; or any literature course in a language other than English. Students are also encouraged to take a course in British or American history, such as HIST 017A, HIST 017B, HISE 150, HISE 151, HISE 152.
Each student works with the Undergraduate Academic Advisor and the Faculty Advisor for help in shaping a program and following it through to graduation. Students should see the advisors on a regular basis, normally once per quarter prior to registration. Information about times and meeting places for advisors is posted online and is available in the department office from the undergraduate academic advisor.	Each student works with the Undergraduate Academic Advisor and the Faculty Advisor for help in shaping a program and following it through to graduation. Students should see the advisors on a regular basis, normally once per quarter prior to registration. Information about times and meeting places for advisors is posted online and is available in the department office from the undergraduate academic advisor.

Justification:

We have updated the list of courses that count toward various parts of the major requirements. This is to reflect the fact that we have moved away from the E-Z course framework (*deletion of courses outlined on the left column of the above*) to allow greater flexibility, which means course numbers no longer correspond to historical periods as in previous requirements. We are also mid-process updating our requirements to minimize period requirements, but we have not had time to complete the consultation by the very early catalog deadline. This update is to make existing requirements match the available courses given changes to course we have already made.

ENGL 179SA was added under 2c. as since the list already included 179 so it is the same course, but with the addition of discussion sections.

Addition of ENGL 122, and 140 to Race & Ethnicity requirements were courses that the department has determined as being able to complete the requirement.

ENGL 151T was renumbered to 151C, thus needed to be updated within the curriculum.

Removal of WRLT 170, this was an approved change to the course from January 2021.

Approvals:

Approved by the faculty of the Department of English:	October 24, 2022
Approved by the Executive Committee of the College of Humanities, Arts, and Social Sciences:	February 23, 2023
Approved by the Committee on Educational Policy:	April 28, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to English Minor

PRESENT:

The English minor is designed to provide an overview of English and American literature, an opportunity for the exercise of disciplined literary analysis, and a varied experience of the best literature in English.

1. Lower-division requirements (14 units)
 - a. Two courses chosen from ENGL 020A, ENGL 020B, ENGL 020C
 - b. One course chosen from ENGL 012A, ~~ENGL 012B, ENGL 012C, ENGL 012 (E-Z)~~, ENGL 014, ENGL 015, ~~ENGL 017, ENGL 018~~, ENGL 022, ENGL 033/MCS 033
2. Upper-division requirements (16 units)
 - a. Four courses of upper-division English. Only four (4) units from ENGL 103 or ENGL 190 will be accepted toward fulfillment of this requirement. Proposals for ENGL 190 must be approved by a sponsoring faculty member and the department chair. If the student wishes to offer units from ENGL 190 as part of the 16 units, a copy of the approved petition will be placed in the student's file.

See Minors under the College of Humanities, Arts, and Social Sciences in the Colleges and Programs section of this catalog for additional information on minors.

PROPOSED:

The English minor is designed to provide an overview of English and American literature, an opportunity for the exercise of disciplined literary analysis, and a varied experience of the best literature in English.

1. Lower-division requirements (14 units)
 - a. Two courses chosen from ENGL 020A, ENGL 020B, ENGL 020C
 - b. One course chosen from ENGL 012, ENGL 014, ENGL 015, ENGL 022, ENGL 033/MCS 033
2. Upper-division requirements (16 units)
 - a. Four courses of upper-division English. Only four (4) units from ENGL 103 or ENGL 190 will be accepted toward fulfillment of this requirement. Proposals for ENGL 190 must be approved by a sponsoring faculty member and the department chair. If the student wishes to offer units from ENGL 190 as part of the 16 units, a copy of the approved petition will be placed in the student's file.

See Minors under the College of Humanities, Arts, and Social Sciences in the Colleges and Programs section of this catalog for additional information on minors.

Justification:

We have updated the list of courses that count toward various parts of the minor requirements. This is to reflect the fact that we have moved away from the E-Z course framework to allow greater flexibility. This update is to make existing requirements match the available courses given changes to courses we have already made. ENGL 017 and ENGL 018 have been deleted by the department.

Approvals:

Approved by the faculty of the Department of English:
Approved by the Executive Committee of the College of Humanities, Arts,
and Social Sciences:
Approved by the Committee on Educational Policy:

October 24, 2022

February 23, 2023
April 28, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to History/Law and Society Major

PRESENT:

History/Law and Society Major

The Law and Society major is open to undergraduate students with junior standing who have completed LWSO 100 with a grade of “C” or higher. The major requirements for the B.A. degree in History/Law and Society are as follows:

1. **History requirements** (52 units):
All requirements for the B.A. in History
2. **Law and Society requirements** (36 units)
 - a) PHIL 007 or PHIL 007H
 - b) LWSO 100 (with a grade of “C” or better)
 - c) One course chosen from POSC 114, PSYC 012, SOC 004 (or equivalent course in research methods)
 - d) Three courses chosen from ANTH 127, ECON 119, HISE 153, PHIL 165, POSC 167, PSYC 175, SOC 159
 - e) Two courses chosen from ~~ENSC 174~~, HISA 120A, HISA 120B, HISE 123, LWSO 175 (E-Z), PHIL 164, POSC 111, POSC 166, POSC 168, POSC 186, SOC 147, SOC 149, SOC 180
 - f) LWSO 193, Senior Seminar

Note

For sections 2.d) and 2.e) combined, not more than two courses may be taken from the same department. In filling the dual requirements of the major, students may not count more than two courses toward both parts of their total requirements (History requirements and Law and Society requirements). The History courses that may fill the dual requirements include HISE 153 (History of the Common Law), and HISA 120A and HISA 120B (The Supreme Court and the Constitution).

PROPOSED:

[no change]

1. [no change]
2. [no change]
 - a) [no change]
 - b) [no change]
 - c) [no change]
 - d) [no change]
 - e) Two courses chosen from HISA 120A, HISA 120B, HISE 123, LWSO 175 (E-Z), PHIL 164, POSC 111, POSC 166, POSC 168, POSC 186, SOC 147, SOC 149, SOC 180
 - f) [no change]

[no change]

Justification:

Per the Environmental Sciences department, ENSC 174 will be discontinued effective Fall 2023

Approvals:

Approved by the faculty of the Department of History:

January 10, 2023

Approved by the Executive Committee of the College of Humanities,
Arts, and Social Sciences:

February 23, 2023

Approved by the Committee on Educational Policy:

April 3, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to Languages Major

PRESENT:

The B.A. in Languages enables a student to specialize in two foreign languages through the acquisition of language competencies, as well as exposure to the theoretical basis and structure of language itself (linguistics), and the study of the cultural and literary practices, which the target languages reflect and enact. Students interested in a single language concentration should see individual language program listings in this catalog.

1. **CPLT 001 or CPLT 001W, LING 020, and 1 lower-division CPLT course**
2. **Elementary and intermediate courses in languages one and two as required**
3. **~~Sixty (60)~~ upper-division units distributed as follows:**
 - a. Language one — 28 units which must include the following minimums:
 - (1) ~~Sixteen (16)~~ units in language
 - (2) ~~Twelve (12)~~ units in literature and culture
 - b. Language two — 20 units which must include the following minimums:
 - (1) ~~Twelve (12)~~ units in language
 - (2) ~~Eight (8)~~ units in literature and culture
 - c. LING 111 — 4 units
 - d. ~~One other course in Linguistics~~ - 4 units
 - e. CPLT 193 (4 units). (CPLT 196 strongly recommended but not required.)

PROPOSED:

The B.A. in Languages enables a student to specialize in two foreign languages through the acquisition of language competencies, as well as exposure to the theoretical basis and structure of language itself (linguistics), and the study of the cultural and literary practices, which the target languages reflect and enact. Students interested in a single language concentration should see individual language program listings in this catalog.

1. **CPLT 001 or CPLT 001W, LING 020, and 1 lower-division CPLT course**
2. **Elementary and intermediate courses in languages one and two as required**
3. **Forty-Four (44) upper-division units distributed as follows:**
 - a. Language one — 20 units which must include the following minimums:
 - (1) Twelve (12) units in language
 - (2) Eight (8) units in literature and culture
 - b. Language two — 12 units which must include the following minimums:
 - (1) Eight (8) units in language
 - (2) Four (4) units in literature and culture
 - c. LING 111 — 4 units
 - d. One upper-division course in Linguistics or one additional upper-division course in the first or second language or literature – 4 units
 - e. CPLT 193 (4 units). (CPLT 196 strongly recommended but not required.)

Justification:

No changes are made at the lower-division level. At the upper-division level the number of units required in each area is slightly decreased, while more flexibility is incorporated in relation to the elective linguistics course, which is expanded to possibly include further study in either of the literatures of languages on which the student is focusing in their studies. Based upon anecdotal evidence, and conversations with advisors, faculty, and students, it is our understanding that students take this major in order to prepare for careers in education at the elementary and secondary

levels, as well as for careers in industry, government, or teaching that may require linguistic or cultural expertise. In particular, students who take this major may wish to become middle school or high school teachers of language (or languages), and so the opportunity to study more than one language in the context of a single major is perceived to open career opportunities and to enhance a student's curriculum vitae. At the same time, we have been informed by the advising staff that the number of courses required for this major becomes a burden for students and can inhibit time to degree. As presently configured this major requires 60 upper-division units, which is significantly higher than most other majors in our department (most majors require 36 units; one requires 40; the Comparative Literature major, which presently requires 48 units, is presently proposed for review to be reduced to 36 units, the normative unit requirement in our department). It is our view that the unit reductions proposed here—the reduction of 8 units in language and literature 1 and 8 units in language and literature 2—will maintain the intellectual coherency, viability, and level of training in the major while also making the major more flexible and practical for students to complete in a normative time frame. Finally, acknowledging that students take this major for a variety of reasons and with a variety of career trajectories in mind, the requirement of an additional upper-division linguistics course is modified, so that students may take either: (1) a second upper-division linguistics course after LING 111; or (2) an additional course in either of their literary or linguistics areas.

Approvals:

Approved by the faculty of the Department of Comparative Literature & Languages:	November 30, 2022
Approved by the Executive Committee of the College of Humanities, Arts, and Social Sciences:	February 23, 2023
Approved by the Committee on Educational Policy:	April 3, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to Latin American Studies Major

PRESENT:

The specific requirements for the major are as follows:

PROPOSED:

[no change]

1. Lower-division requirements (5 units) [no change]

- a) Introduction to Latin American Studies (LNST 001) or an equivalent course from the following list of lower-division courses: LNST 015/ MUS 015, LNST 016/ MUS 016, LNST 017/ MUS 017, LNST 073A/DNCE 073A, LNST 073B/ DNCE 073B, ANTH 010, ANTH 027/AHS 027, AHS 028, ETST 002, ETST 004/ HIST 004, ETST 008, MCS 025/ ENGL 021/TFDP 021, MCS 046/ SPN 046, HASS 022A, GBST 001, GBST 002, HIST 075, POSC 020, RLST 009, RLST 011, SPN 012, GSST 031H, GSST 020
- b) Proficiency in Spanish to the SPN 005 level or in Portuguese to a comparable level

Note Additional course work in Spanish and/or Portuguese recommended for students interested in careers in Latin American fields

2. Upper-division requirements (at least 36 units) [no change]

- a) At least two courses in three of the following groups (at least 24 units total):

- (1) Anthropology: ANTH 109/ GSST 109, ANTH 111, ANTH 115R, ANTH 115S, ANTH 115U, ANTH 115X, ANTH 117B, ANTH 140J, ANTH 140O, ANTH 161/ [no change]

LNST 161, ANTH 163, ANTH 164/LNST 164/GSST 164, ANTH 142G/ETST 148/LNST 168, ANTH 186/LNST 166, ANTH 144O

(2) Economics and Business: BUS 114, BUS 138, BUS 185, ECON 122E, ECON 178, ECON 181, ECON 182, ECON 185/LNST 185, ECON 187/LNST 187 [no change]

(3) Education/Language: ETST 146, ETST 165/SOC 165, ETST 166, PORT 101A, PORT 101B, PORT 101C, SPN 101A, SPN 101B, SPN 105, SPN 106A, SPN 106B, SPN 109A, SPN 109B [no change]

(4) History: ETST 125, HISA 160/LNST 170, HISA 161/LNST 171, HISA 162/LNST 172, HISA 163A, HISA 163B, HISA 164A, HISA 164B, HISA 165, HISA 166, HIST 191V, SPN 172 [no change]

(5) Literature and Cultural Studies: ~~ENGL 421E~~, ENGL 136, ENGL 136T, ENGL 137T, ETST 114, ETST 170/ WRLT 170, LNST 120/SPN 120C, LNST 153/ ETST 153, SPN 102B, SPN 111F, SPN 111W, SPN 121E, SPN 122A, SPN 145, SPN 165, SPN 170(E-Z), SPN 172, SPN 188(E-Z), PORT 162(E-Z), RLST 138

(5) Literature and Cultural Studies: ENGL 136, ENGL 136T, ENGL 137T, ETST 114, ETST 170/ WRLT 170, LNST 120/SPN 120C, LNST 153/ ETST 153, SPN 102B, SPN 111F, SPN 111W, SPN 121E, SPN 122A, SPN 145, SPN 165, SPN 170(E-Z), SPN 172, SPN 188(E-Z), PORT 162(E-Z), RLST 138

(6) Arts, Media, and Performance Studies: AHS 112, AHS 113, AHS 115/ LNST 115, DNCE 130, DNCE 132, DNCE 135, ETST 154, MCS 125(E-Z)/SPN 125(E-Z)/LNST 125(E-Z), MCS 171/ SPN 171, LNST 105/MCS 185/SPN 185, LNST 109/MCS 179/SPN 179/GSST 179, MUS 113, MUS 115, MUS 122, MUS 174, MUS 175 [no change]

(7) Politics: ETST 111, ETST 123, ETST 156, POSC 157, POSC 159, POSC 160, LNST 142/POSC 162, LNST 148/POSC 158, SOC 181 [no change]

(8) Ethnic Studies and Sociology: ETST 108(E-Z), ETST 109G, ETST 124, ETST 127, ETST 128/SOC 128, ETST 129, ETST 132, ETST 142, ETST 155, ETST 161, ETST 163/SOC 163, ETST 165/SOC 165, SOC 181 [no change]

b) At least twelve (12) units selected from other Latin American Studies courses from the disciplinary areas above or from a list of upper-division courses with significant Latin American content available in the program office.

Justification:

ENGL NOFY report – ENGL 121E deletion.

Approvals:

Approved by the faculty of the Department of Latin American Studies:

January 31, 2023

Approved by the Executive Committee of the College of Humanities,
Arts, and Social Sciences:

February 23, 2023

Approved by the Committee on Educational Policy:

April 3, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to Latin American Studies Minor

PRESENT:

Latin American Studies offers a minor consisting of at least 20 upper-division units.

To complete the requirements for the minor, students must select five courses from two of the following groups:

1. Anthropology: ANTH 109/ GSST 109, ANTH 111, ANTH 115R, ANTH 115S, ANTH 115U, ANTH 115X, ANTH 117B, ANTH 140J, ANTH 140O, ANTH 144O, ANTH 161/LNST 161, ANTH 163, ANT 164/LNST 164/GSST 164, ANTH 142G/ETST 148/LNST 168, ANTH 186/LNST 166

2. Economics and Business: Economics and Business BUS 114, BUS 138, BUS 185, ECON 122E, ECON 178, ECON 181, ECON 182, ECON 185/LNST 185, ECON 187/LNST 187

3. Education/Language: ETST 146/EDUC 146, ETST 165/SOC 165, ETST 166, PORT 101A, PORT 101B, PORT 101C, SPN 101A, SPN 101B, SPN 105, SPN 106A, SPN 106B, SPN 109A, SPN 109B

4. History: ETST 125, HISA 160/LNST 170, HISA 161/LNST 171, HISA 162/LNST 172, HISA 163A, HISA 163B, HISA 164A, HISA 164B, HISA 165, HISA 166, HIST 191V, SPN 172

5. Literature and Cultural Studies: ~~ENGL 121E~~, ENGL 136, ENGL 136T, ENGL 137T, ETST 114, ETST 170/ WRLT 170, LNST 120/SPN 120C, LNST 153/ETST 153, SPN 102B, SPN 111F, SPN 111W, SPN 121E, SPN 122A, SPN 145, SPN 165, SPN 170(E-Z), SPN 172, SPN 188(EZ), PORT 162(E-Z), RLST 138

6. Arts, Media, and Performance Studies: AHS

PROPOSED:

[no change]

[no change]

[no change]

[no change]

[no change]

5. Literature and Cultural Studies: ENGL 136, ENGL 136T, ENGL 137T, ETST 114, ETST 170/ WRLT 170, LNST 120/SPN 120C, LNST 153/ETST 153, SPN 102B, SPN 111F, SPN 111W, SPN 121E, SPN 122A, SPN 145, SPN 165, SPN 170(E-Z), SPN 172, SPN 188(EZ), PORT 162(E-Z), RLST 138

[no change]

112, AHS 113, AHS 115/LNST 115, DNCE 130, DNCE 132, DNCE 135, ETST 154, FVC 125(E-Z)/SPN 125(E-Z)/LNST 125(E-Z), FVC 171/SPN 171, LNST 105/FVC 185/SPN 185, LNST 109/FVC 179/SPN 179/GSST 179, MUS 113, MUS 115, MUS 122, MUS 174, MUS 175

7. Politics: ETST 111, ETST 123, ETST 156, POSC 124 or POSC 124S, POSC 126, POSC 157, POSC 159, POSC 160, LNST 142/POSC 162, LNST 148/POSC 158, SOC 181 [no change]

8. Ethnic Studies and Sociology: ETST 108(EZ), ETST 109G, ETST 124, ETST 127, ETST 128/ SOC 128, ETST 129, ETST 132, ETST 142, ETST 155, ETST 161, ETST 163/SOC 163, ETST 165/ SOC 165, SOC 181 [no change]

Justification:

ENGL NOFY report – ENGL 121E deletion.

Approvals:

Approved by the faculty of the Department of Latin American Studies:
Approved by the Executive Committee of the College of Humanities,
Arts, and Social Sciences:
Approved by the Committee on Educational Policy:

January 31, 2023

February 23, 2023

April 3, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to Law and Society Major

PRESENT:

The major requirements for the B.A. degree in Law and Society are as follows:

1. Specified requirements of the cooperating department (See the departments of Anthropology, Economics, History, Philosophy, Political Science, Psychology, or Sociology.)
2. Law and Society requirements (36 units)
 - a. PHIL 007 or PHIL 007H
 - b. LWSO 100 (with a grade of “C” or better)
 - c. One course chosen from POSC 114, PSYC 012, SOC 004 (or equivalent course in research methods)
 - d. Three courses chosen from ANTH 127, ECON 119, HISE 153, PHIL 165, POSC 167, PSYC 175, SOC 159
 - e. Two courses chosen from ~~ENSC 174~~, HISA 120A, HISA 120B, HISE 123, LWSO 175 (E-Z), PHIL 164, POSC 111, POSC 166, POSC 168, POSC 186, SOC 147, SOC 149, SOC 180
 - f. LWSO 193, Senior Seminar

Note

For sections 2.d) and 2.e) combined, not more than two courses may be taken from the same department. In filling the dual requirements of the major, students may not count more than two courses toward both parts of their total requirements (specified departmental requirements and Law and Society requirements).

PROPOSED:

The major requirements for the B.A. degree in Law and Society are as follows:

1. Specified requirements of the cooperating department (See the departments of Anthropology, Economics, History, Philosophy, Political Science, Psychology, or Sociology.)
2. Law and Society requirements (36 units)
 - a. PHIL 007 or PHIL 007H
 - b. LWSO 100 (with a grade of “C” or better)
 - c. One course chosen from POSC 114, PSYC 012, SOC 004 (or equivalent course in research methods)
 - d. Three courses chosen from ANTH 127, ECON 119, HISE 153, PHIL 165, POSC 167, PSYC 175, SOC 159
 - e. Two courses chosen from HISA 120A, HISA 120B, HISE 123, LWSO 175 (E-Z), PHIL 164, POSC 111, POSC 166, POSC 168, POSC 186, SOC 147, SOC 149, SOC 180
 - f. LWSO 193, Senior Seminar

Note

For sections 2.d) and 2.e) combined, not more than two courses may be taken from the same department. In filling the dual requirements of the major, students may not count more than two courses toward both parts of their total requirements (specified departmental requirements and Law and Society requirements).

Justification:

ENSC 174 has been deleted by their department, therefore, it needs to be removed from all affected programs.

Approvals:

Approved by the faculty of the Program of Law & Society:

January 11, 2023

Approved by the Executive Committee of the College of Humanities, Arts, and Social Sciences:

February 23, 2023

Approved by the Committee on Educational Policy:

April 3, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to the Music Major

PRESENT:

The major requirements for the B.A. degree in Music are as follows:

1. Participation in a major ensemble each quarter, sophomore through junior years (9-18 units): MUS 160, MUS 161, MUS 162, MUS 163, MUS 164, MUS 165, MUS 166(E-Z)
2. Lower-division requirements (1-25 units)
 - a) MUS 030A, MUS 030B, MUS 030C (12 units or proficiency)
 - b) MUS 031A, MUS 031B, MUS 031C (12 units or proficiency)
 - c) MUS 080P (1 unit and piano proficiency)
3. Upper-division requirements (20-32 units)
 - a) MUS 112A, MUS 112B, MUS 112C (12 units)
 - b) MUS 130A (4 units)
 - c) MUS 131A, MUS 131B, MUS 131C (12 units or proficiency)
 - d) MUS 138 (4 units)

4. Upper-division track requirements: choose from one of the following tracks.

- a) Music – General (32 units) 32 units from the following:
 - (1) MUS 113, MUS 114, MUS 115, MUS 116, MUS 117, MUS 118, MUS 119, MUS 120, MUS 121, MUS 122, MUS 123, MUS 124, MUS 125, MUS 126, MUS 127, MUS 128, MUS 130B, MUS 134, MUS 135, MUS 136, MUS 137, MUS 139, MUS 140, MUS 142, MUS 145A, MUS 145B, MUS 146, MUS 150A, MUS 150B, MUS 150C, MUS 150D, MUS 151, MUS 152, MUS 153, MUS 154 (EZ), MUS 155 (E-Z), MUS 184, MUS 191 (E-Z) (no more than 4 units)

b) Music – Composition (A successful

PROPOSED:

The major requirements for the B.A. degree in Music for the general, performance, and composition tracks are as follows:

No change

No change

No change

No change

No change

portfolio review and completion of MUS 037 with a C or higher—or instructors' consent—by the end of sophomore year is required to enter the track) (28 units)

(1) 4 units from the following: MUS 136, MUS 147, MUS 157

(2) MUS 134, MUS 145A (8 units)

(3) MUS 149(16 units)

c) Music – Performance (30 units)

No change

(1) 12 units from the following:

MUS 180 (E-Z), MUS 181 (E-Z)

(2) 16 units from the following:

MUS 113, MUS 114, MUS 115, MUS 116, MUS 117, MUS 118, MUS 119, MUS 120, MUS 121,

MUS 122, MUS 123, MUS 124, MUS 125,

MUS 126, MUS 127, MUS 128, MUS 130B,

MUS 134, MUS 135, MUS 136, MUS 137,

MUS 139, MUS 140, MUS 142, MUS 145A,

MUS 145B, MUS 146, MUS 150A, MUS

150B, MUS 150C, MUS 150D, MUS 151, MUS

152, MUS 153, MUS 154 (E-Z), MUS 155

(E-Z), MUS 184, MUS 187, MUS 191 (E-Z).

(3) MUS 167 (2 units)

~~d) Music – Music Industry are as follows:~~

The major requirements for the B.A. degree in Music for the Music Industry track are as follows:

(1) Lower-division requirements

No change

(18-49 units)

a) MUS 030A, MUS 030B, MUS 030C

(12 units or proficiency)

b) MUS 080P (1 unit or proficiency)

c) 3 units from the following:

MUS 162, MUS 163

d) 3 units from the following: MUS

160, MUS 161, MUS 164, MUS 165,

MUS 166 (E-Z), MUS 169, MUS

170/SEAS 170/AST 170, MUS 174,

MUS 175A, MUS 175B, MUS 177,

MUS 178, MUS 179

e) 4-8 units from the following:

MUS 007, MUS 008, MUS 009,

MUS 011, MUS 014/ETST 014,

MUS 015/LNST 015, MUS 023,

MUS 026/MCS 026

f) 4-8 units from the following:

MUS 044, MUS 037

g) 4-14 units from the following:

BUS 020, ECON 003, STAT 008

(2) Upper-division requirements (A successful portfolio review and completion of lower-division courses is required by the end of sophomore year to advance to upper-division) (27-46 units)

a) MUS 145A (4 units)

b) MUS 185 or MUS 185S (4 units)

c) 3-6 units of the following: MUS 160, MUS 161, MUS 162, MUS 163, MUS 164, MUS 165, MUS 166 (E-Z), MUS 169, MUS 170, MUS 174, MUS 175A, MUS 175B, MUS 177, MUS 178, MUS 179, MUS 180 (E-Z), MUS 181 (E-Z)

d) 12-20 units of the following: MUS 112A, MUS 112B, MUS 112C, MUS 118, MUS 120, MUS 124/AST 124, MUS 125, MUS 126/ANTH 177/GSST 126, MUS 130A, MUS 136, MUS 138, MUS 140/HISA 139, MUS 140L, MUS 146, MUS 155 (E-Z)/DNCE 155(E-Z), MUS 184

e) 4-12 units of the following: MUS 145B, MUS 198I, BUS 103, BUS 107

No change

Note

Students seeking a teaching credential are advised to take MUS 133, MUS 150A, MUS 150B, MUS 150C, MUS 150D, MUS 151, and MUS 152. Consult the School of Education for credential requirements.

Note

[no change]

Examinations and Auditions

The ability to play simple piano music is required of all majors. Students lacking keyboard proficiency when the major is declared must enroll in MUS 080P to prepare them for the proficiency examination, administered by the Department's piano instructor. Alternatively, students with previous keyboard experience can request to take the proficiency examination instead of enrolling in MUS 080P. This examination must be passed by the junior year.

Consult the department for examination requirements.

Examinations and Auditions

The ability to play simple piano music is required of all majors. Students lacking keyboard proficiency when the major is declared must enroll in MUS 080P to prepare them for the proficiency examination, administered by the Department's piano instructor. Alternatively, students with previous keyboard experience can request to take the proficiency examination instead of enrolling in MUS 080P. This examination must be passed by the junior year.

Consult the department for examination requirements.

Students that wish to declare a Major in Music

within the Performance track must complete an audition prior to the declaration of the major. Consult the department for audition requirements and scheduling.

Students that wish to declare a Major in Music within the Composition Track must 1) complete MUS 037 with a grade C or higher, and 2) present three diverse works (one of which must be realized through music notation) to the composition faculty during a brief audition at the end of the sophomore year.

If entering as a Junior, transfer composition students will need to schedule an audition upon arrival to campus. The MUS 037 prerequisite can be waived at the faculty's discretion.

MUS 031A, MUS 031B, and MUS 031C are taken until proficiency for admission to MUS 131A is achieved. The completion of MUS 131A, MUS 131B, and MUS 131C is required for graduation.

All students normally participate in a major ensemble each quarter. Admission to any ensemble course is by consent of instructor. All students intending to participate in an ensemble course must audition during registration.

Juries

Juries are mandatory for Music juniors and seniors enrolled in the Performance Track. Students must play for two of them, on two different quarters, within each academic year. Students do not play for juries the quarter in which they perform a senior recital. Juries are optional for non-Music Majors, and Music Majors who are not in the Performance Track but who are nevertheless taking Voice & Instrument lessons at the Department. Please note that an instructor may require that a student participate play for juries even if they are not in the Performance Track.

Fees

An additional course fee will be charged at the time of registration for MUS 080 (E-Z), MUS 081 (E-Z) (half-hour private lessons in voice or instrument), MUS 180 (E-Z), and MUS 181

Students that wish to declare a Major in Music within the Composition Track must 1) complete MUS 037 with a grade C or higher, and 2) present three diverse works (one of which must be realized through music notation) to the composition faculty during a brief audition at the end of the sophomore year.

If entering as a Junior, transfer Performance and Composition students will need to schedule an audition upon arrival to campus. The MUS 037 prerequisite for Composition students can be waived at the faculty's discretion.

MUS 031A, MUS 031B, and MUS 031C are taken until proficiency for admission to MUS 131A is achieved. The completion of MUS 131A, MUS 131B, and MUS 131C is required for graduation.

All students normally participate in a major ensemble each quarter. Admission to any ensemble course is by consent of instructor. All students intending to participate in an ensemble course must audition during registration.

[no change]

[no change]

(E-Z) (one-hour private lessons in voice or instrument). A limited number of scholarships will be made available.

Justification:

Changes to the “Performance” and “Facilities” sections remove outdated information. The Music and Media libraries closed years ago, as did UCR’s Cultural Events program. Information on Rivera Library’s music holdings has been updated with current figures and input from the library staff.

Additional language in the “Time to Degree” section clarifies the process for students choosing the new Music Industry track, which was approved in AY 2021-22. Information about the track is included in the current AY 2022-23 catalog; this change simply brings the language throughout the Music Department section into alignment.

The other change to the “Time to Degree” and “Examinations and Auditions” specifies that students wishing to declare a Major in Music in the Performance track must first pass an audition. This is standard practice in virtually all post-secondary music departments and schools, and one that we have belatedly realized is necessary for the integrity of the performance track. Those without sufficient skills to pass the audition will still be able to major in music by completing the General track, so this does not impact our overall admission process.

Changes to the “Major requirements – Music Major” section are formatting changes to clarify the different requirements for music majors in the General, Performance, and Compositions tracks vs. the substantially different requirements for Music Industry track. There are no changes to the approved curricula here, merely a formatting change to make the requirements easier for a student to follow.

Approvals:

Approved by the faculty of the Department of Music:

January 11, 2023

Approved by the Executive Committee of the College of Humanities, Arts, and Social Sciences:

February 23, 2023

Approved by the Committee on Educational Policy:

April 3, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted: Fall 2023

Proposed Changes to Philosophy/Law and Society Major

PRESENT:

Major requirements for a B.A. degree in Philosophy/Law and Society are as follows:

1. Philosophy requirements (36 units)

- a) PHIL 007 or PHIL 007H
- b) Three courses in the history of philosophy (two of which must be upper-division): PHIL 030 (E-Z), PHIL 120 (E-Z), PHIL 121 (E-Z), PHIL 122 (E-Z)
- c) Five courses in moral and political philosophy: PHIL 108, PHIL 116, PHIL 117, PHIL 119, PHIL 153, and PHIL 161 through PHIL 169 (E-Z)

2. Law and Society requirements (36 units)

- a. PHIL 007 or PHIL 007H
- b. LWSO 100 (with a grade of "C" or better)
- c. One course chosen from POSC 114, PSYC 012, SOC 004 (or equivalent course in research methods)
- d. Three courses chosen from ANTH 127, ECON 119, HISE 153, PHIL 165, POSC 167, PSYC 175, SOC 159
- e. Two courses chosen from ~~ENSC 174~~, HISA 120A, HISA 120B, HISE 123, LWSO 175 (E-Z), PHIL 164, POSC 111, POSC 166, POSC 168, POSC 186, SOC 147, SOC 149, SOC 180
- f. LWSO 193, Senior Seminar

Note

For sections 2.d) and 2.e) combined, not more than two courses may be taken from the same department. In filling the dual requirements of the major, students may not count more than two courses toward both parts of their total requirements (specified departmental requirements and Law and Society requirements).

Justification:

ENSC 174 has been deleted by their department, therefore, it needs to be removed from all affected programs.

Approvals:

Approved by the faculty of the Department of Philosophy:
Approved by the Executive Committee of the College of Humanities, Arts, and Social Sciences:
Approved by the Committee on Educational Policy:

PROPOSED:

[no change]

2. Law and Society requirements (36 units)

- a. PHIL 007 or PHIL 007H
- b. LWSO 100 (with a grade of "C" or better)
- c. One course chosen from POSC 114, PSYC 012, SOC 004 (or equivalent course in research methods)
- d. Three courses chosen from ANTH 127, ECON 119, HISE 153, PHIL 165, POSC 167, PSYC 175, SOC 159
- e. Two courses chosen from HISA 120A, HISA 120B, HISE 123, LWSO 175 (E-Z), PHIL 164, POSC 111, POSC 166, POSC 168, POSC 186, SOC 147, SOC 149, SOC 180
- f. LWSO 193, Senior Seminar

Note

For sections 2.d) and 2.e) combined, not more than two courses may be taken from the same department. In filling the dual requirements of the major, students may not count more than two courses toward both parts of their total requirements (specified departmental requirements and Law and Society requirements).

January 11, 2023

February 23, 2023

April 3, 23

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to Political Science/Law and Society Major

PRESENT:

The major requirements for the B.A. degree in Political Science/Law and Society are as follows:

1. Political Science requirements (60 units)

All major requirements for the B.A. in Political Science

2. Law and Society requirements (36 units)

a) PHIL 007 or PHIL 007H

b) LWSO 100 (with a grade of “C” or better)

c) One course chosen from POSC 114, PSYC 012, SOC 004 (or equivalent course in research methods)

d) Three courses chosen from ANTH 127, ECON 119, HISE 153, PHIL 165, POSC 167, PSYC 175, SOC 159

e) Two courses chosen from ~~ENSC 174~~, HISA 120A, HISA 120B, HISE 123, LWSO 175 (E-Z), PHIL 164, POSC 111, POSC 166, POSC 168, POSC 186, SOC 147, SOC 149, SOC 180

f) LWSO 193, Senior Seminar

Note: For sections 2.d) and 2.e) combined, not more than two courses may be taken from the same department in filling the dual requirements of the major, students may not count more than two courses toward both parts of their total requirements (Political Science requirements and Law and Society requirements).

PROPOSED:

[no change]

[no change]

[no change]

[no change]

[no change]

[no change]

[no change]

[no change]

e) Two courses chosen from HISA 120A, HISA 120B, HISE 123, LWSO 175 (E-Z), PHIL 164, POSC 111, POSC 166, POSC 168, POSC 186, SOC 147, SOC 149, SOC 180

[no change]

[no change]

Justification:

The Environmental Sciences department has decided to discontinue ENSC 174 effective Fall 2023.

Approvals:

Approved by the faculty of the Department of Political Science:

February 2, 2023

Approved by the Executive Committee of the College of Humanities,
Arts, and Social Sciences:

February 23, 2023

Approved by the Committee on Educational Policy:

April 3, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to Bachelor of Science in Psychology

PRESENT:

PROPOSED:

1. Lower-division requirements for the B.S. (at least 39 units)

1. [no change]

a) One course in Mathematics equivalent to MATH 004 or higher; or a score on the MAE (Math Advisory Exam) sufficient for placement into MATH 022 or higher.

a) [no change]

b) One 4 unit course in Biological Sciences (Biochemistry, Biology, Botany and Plant Sciences, Entomology, Nematology, or Plant Pathology)

b) [no change]

c) One 4 unit course in Physical Sciences (Chemistry, Physics, Earth Sciences, excluding cultural Geography courses)

c) [no change]

d) Two additional 4 unit courses that satisfy the CHASS Natural Sciences and Mathematics breadth requirements.

d) [no change]

e) PSYC 001, PSYC 002, PSYC 011, PSYC 012 with no grade below a B-

e) [no change]

2. Upper-division requirements (37 units)

2. [no change]

a) PSYC 110 or CBNS 106

a) [no change]

b) PSYC 140, PSYC 150

b) [no change]

c) PSYC 132 or PSYC 134

c) [no change]

d) PSYC 160 or PSYC 161 or PSYC 162 or PSYC 163

d) [no change]

e) Any three of the following: PSYC 109, PSYC 120L/CBNS 120L, PSYC 180, PSYC 181, PSYC 182 (E- Z), PSYC 195, PSYC 197 (for a total of 4 units, letter grade required), PSYC 199H

e) Any three of the following: PSYC 109, PSYC 120L/CBNS 120L, PSYC 122L, PSYC 123L, PSYC 180, PSYC 181, PSYC 182 (E- Z), PSYC 195, PSYC 197 (for a total of 4 units, letter grade required), PSYC 199H. Also 195/197 can be applied twice (4 units and letter grade repeatable for up to 8 units).

f) One of the following: PSYC 117, PSYC 136, PSYC 139, PSYC 148, PSYC 169, or PSYC 190 (for a total of 4 units, letter grade required). One of the following graduate seminars may be

f) [no change]

substituted, with permission of the instructor:
PSYC 251, PSYC 255, PSYC 256, PSYC 257,
PSYC 258, PSYC 263

g) One additional 4-unit, upper-division Psychology course, with the following restrictions: only one quarter of PSYC 190 (for a total of 4 units, letter grade required); only one quarter of PSYC 195 (for a total of 4 units, letter grade required); only one quarter of PSYC 197 (for a total of 4 units, letter grade required), only one quarter of PSYC 195H (for a total of 4 units, letter grade required); only one quarter of PSYC 199 (for a total of 4 units, letter grade required); only one quarter of PSYC 199H (for a total of 4 units, letter grade required); only one quarter of PSYC 198G, or one 4-to 8-unit quarter of PSYC 198I may be included

g) [no change]

Students planning for graduate school should take into consideration any specific graduate school requirements when choosing these elective Psychology courses.

[no change]

Justification:

1. Department has reviewed and approved the following course for a catalog change as a permanent option for fulfilling the BS degree: Psyc 122L. This course previously has been approved as a temporary option for fulfilling the BS degree.

2. Department has reviewed and approved the following course for a catalog change as a permanent option for fulfilling the BS degree: Psyc 123L. This course previously has been approved as a temporary option for fulfilling the BS degree.

3. Department has reviewed and approved the following course for a catalog change as a permanent option for fulfilling the BS degree: Psyc 195. This course previously has been approved as a temporary option for fulfilling the BS degree. Department also has approved the course to be taken twice (4 units and letter grade repeatable for up to 8 units) for fulfilling the BS degree.

4. Department has reviewed and approved the following course for a catalog change as a permanent option for fulfilling the BS degree: Psyc 197. This course previously has been approved as a temporary option for fulfilling the BS degree. Department also has approved the course to be taken twice (4 units and letter grade repeatable for up to 8 units) for fulfilling the BS degree.

These additional options facilitate student progress toward fulfilling the BS degree for graduation.

Approvals:

Approved by the faculty of the Department of Psychology:

January 5, 2023

Approved by the Executive Committee of the College of Humanities, Arts,
and Social Sciences:

February 23, 2023

Approved by the Committee on Educational Policy:

April 3, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to Psychology/Law and Society Major

PRESENT:

Psychology/Law and Society Major

The Law and Society major is open to undergraduate students with junior standing who have completed LWSO 100 with a grade of “C” or higher.

All requirements for the B.A. in Psychology (39 lower-division units, which includes 16 units that are also used for college breadth requirements; 37 upper-division units)

1. Lower-division requirements (at least 39 units)

a) One course in Mathematics equivalent to MATH 004 or higher; or a score on the MAE (Math Advisory Exam) sufficient for placement into MATH 022 or higher.

b) One 4 unit course in Biological Sciences (Biochemistry, Biology, Botany and Plant Sciences, Entomology, Nematology, or Plant Pathology)

c) One 4 unit course in Physical Sciences (Chemistry, Physics, Earth Sciences, excluding cultural Geography courses)

d) Two additional 4 unit courses that satisfy the CHASS Natural Sciences and Mathematics breadth requirements.

e) PSYC 001, PSYC 002, PSYC 011, PSYC 012

2. Upper-division requirements (37 units)

a) PSYC 110 or CBNS 106

b) PSYC 140, PSYC 150

c) PSYC 132 or PSYC 134

d) PSYC 160 or PSYC 161 or PSYC 162 or PSYC 163

e) Four additional 4-unit, upper-division Psychology courses, with the following restrictions: only one quarter of PSYC 190 (for a total of 4

units, letter grade required); only one quarter of

PROPOSED:

[no change]

[no change]

1. [no change]

a) [no change]

b) [no change]

c) [no change]

d) [no change]

e) [no change]

2. [no change]

a) [no change]

b) [no change]

c) [no change]

d) [no change]

e) [no change]

PSYC 195 (for a total of 4 units, letter grade required); only one quarter of PSYC 197 (for a total of 4 units, letter grade required), only one quarter of PSYC 195H (for a total of 4 units, letter grade required); only one quarter of PSYC 199 (for a total of 4 units, letter grade required); only one quarter of PSYC 199H (for a total of 4 units, letter grade required); only one quarter of PSYC 198G, or one 4-to 8-unit quarter of PSYC 198I may be included

3. Requirements for Law and Society (36 units)

- a) PHIL 007 or PHIL 007H
- b) LWSO 100 (with a grade of “C” or better)
- c) One course chosen from POSC 114, PSYC 012, SOC 004 (or equivalent course in research methods)
- d) Three courses chosen from ANTH 127, ECON 119, HISE 153, PHIL 165, POSC 167, PSYC 175, SOC 159
- e) Two courses chosen from ~~ENSC 174~~, HISA 120A, HISA 120B, HISE 123, LWSO 175 (E-Z), PHIL 164, POSC 111, POSC 166, POSC 168, POSC 186, SOC 147, SOC 149, SOC 180
- f) LWSO 193, Senior Seminar

3. [no change]

- a) [no change]
- b) [no change]
- c) [no change]

d) [no change]

e) Two courses chosen from HISA 120A, HISA 120B, HISE 123, LWSO 175 (E-Z), PHIL 164, POSC 111, POSC 166, POSC 168, POSC 186, SOC 147, SOC 149, SOC 180

f) [no change]

Note: For sections 3.d) and 3.e) combined, not more than two courses may be taken from the same department. In fulfilling requirements of two or more majors, students may not count more than two courses toward both parts of their total requirements. For this major, PSYC 012 fulfills a requirement in both Psychology and Law and Society.

[no change]

Justification:

Per the Environmental Sciences department, ENSC 174 will be discontinued effective Fall 2023.

Approvals:

Approved by the faculty of the Department of Psychology:

January 10, 2023

Approved by the Executive Committee of the College of Humanities, Arts, and Social Sciences:

February 23, 2023

Approved by the Committee on Educational Policy:

April 3, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to Sociology/Law and Society (BA) major

PRESENT:

**For the Bachelor of Arts
Sociology Department requirements
(14 courses [at least 56 units])**

The Law and Society major is open to undergraduate students with junior standing who have completed LWSO 100 with a grade of “C” or higher. Students will not be admitted into the major until lower-division SOC requirements are satisfied. All courses in the major must be taken for a letter grade.

**1. Lower-division requirements (5 courses
[at least 20 units])**

- a) SOC 001 or SOC 001H with a grade of “C-” or better
- b) SOC 003, SOC 004, SOC 005 with a grade of “C-” or better in each
- c) One additional lower-division Sociology courses with a grade of “C-” or better

**2. Upper-division requirements (9 courses
[at least 36 units])**

- a) SOC 168 or SOC 169
- b) A minimum of one course each selected from four of the following five areas of emphasis:

(1) Social Institutions, Organizations and Change: SOC 112, SOC 121, SOC 122, SOC 123, SOC 125, SOC 137, SOC 143/URST 143, SOC 150, SOC 151, SOC 156 SOC 160, SOC 176/BUS 176, SOC 179, SOC 181, SOC 182/URST 182, SOC 184

(2) Social Psychology: SOC 173, SOC 174, SOC 175, SOC 177 E-Z, SOC 178, SOC 186E, SOC 186F, SOC 186G

(3) Social Inequality: SOC 128, SOC 129,

PROPOSED:

[no change]

SOC 130, SOC 131 E-Z, SOC 132, SOC 133, SOC 135, SOC 161, SOC 162, SOC 163, SOC 164, SOC 165

(4) **Criminology and Deviance:** SOC 134, SOC 144, SOC 145, SOC 147, SOC 149, SOC 159, SOC 180

(5) **Family and Gender:** SOC 140, SOC 141, SOC 142, SOC 146, SOC 155 E-Z

c) An additional four elective courses (at least 16 units) in Sociology (No more than 5 units from any combination of SOC 190, SOC 197, SOC 198-I.)

Law and Society requirements (36 units)

- a) PHIL 007 or PHIL 007H
- b) LWSO 100 (with a grade of “C” or better)
- c) One course chosen from POSC 114, PSYC 012, SOC 004 (or equivalent course in research methods)
- d) Three courses chosen from ANTH 127, ECON 119, HISE 153, PHIL 165, POSC 167, PSYC 175, SOC 159.
- e) Two courses chosen from ~~ENSC 174~~, HISA 120A, HISA 120B, HISE 123, LWSO 175 (E-Z), PHIL 164, POSC 111, POSC 166, POSC 168, POSC 186, SOC 147, SOC 149, SOC 180.
- f) LWSO 193, Senior Seminar

Note: For sections d) and e) combined, not more than two courses may be taken from the same department. In filling the dual requirements of the major, students may not count more than two courses toward both parts of their total requirements (Sociology requirements and Law and Society requirements).

Law and Society requirements (36 units)

- a) PHIL 007 or PHIL 007H
- b) LWSO 100 (with a grade of “C” or better)
- c) One course chosen from POSC 114, PSYC 012, SOC 004 (or equivalent course in research methods)
- d) Three courses chosen from ANTH 127, ECON 119, HISE 153, PHIL 165, POSC 167, PSYC 175, SOC 159.
- e) Two courses chosen from HISA 120A, HISA 120B, HISE 123, LWSO 175 (E-Z), PHIL 164, POSC 111, POSC 166, POSC 168, POSC 186, SOC 147, SOC 149, SOC 180.
- f) LWSO 193, Senior Seminar

Note: For sections d) and e) combined, not more than two courses may be taken from the same department. In filling the dual requirements of the major, students may not count more than two courses toward both parts of their total requirements (Sociology requirements and Law and Society requirements).

Justification:

ENSC 174 DELETED FROM THE ENSC DEPTS COURSE CATALOG THEREFORE, JUST BE DELETED FROM EVERY UNDERGRAD PROGRAM.

Approvals:

Approved by the faculty of the Department of SOCIOLOGY:
Approved by the Executive Committee of the College of Humanities,
Arts, and Social Sciences:
Approved by the Committee on Educational Policy:

February 1, 2023

February 23, 2023
April 3, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
May 23, 2023**

To be adopted: Fall 2023

Proposed Changes to Sociology/Law and Society (BS) major

PRESENT:

**For the Bachelor of Science
Sociology Department requirements
(16 courses [at least 64 units])**

The Law and Society major is open to undergraduate students with junior standing who have completed LWSO 100 with a grade of “C” or higher. Students will not be admitted into the major until lower-division SOC requirements are satisfied. All courses in the major must be taken for a letter grade.

**1. Lower-division requirements
(5 courses [at least 20 units])**

- a) SOC 001 or SOC 001H with a grade of “C-” or better
- b) SOC 003, SOC 004, SOC 005 with a grade of “C-” or better in each
- c) One additional lower-division Sociology courses with a grade of “C-” or better

2. Upper-division requirements (11 courses [at least 44 units])

- a) SOC 110, SOC 168, SOC 169
- b) A minimum of one course each selected from four of the following five areas of emphasis:

- (1) **Social Institutions, Organizations and Change:** SOC 112, SOC 121, SOC 122, SOC 123, SOC 125, SOC 126, SOC 137, SOC 139/MCS 139, SOC 143/URST 143, SOC 150, SOC 151, SOC 156, SOC 160, SOC 176/ BUS 176, SOC 179, SOC 182/URST 182, SOC 181, SOC 184
- (2) **Social Psychology:** SOC 173, SOC 174, SOC 175, SOC 177 E-Z, SOC 178, SOC 186E, SOC 186F, SOC 186G
- (3) **Social Inequality:** SOC 128, SOC 129, SOC 130, SOC 131 E-Z, SOC 132, SOC

PROPOSED:

**For the Bachelor of Science
Sociology Department requirements
(16 courses [at least 64 units])**

The Law and Society major is open to undergraduate students with junior standing who have completed LWSO 100 with a grade of “C” or higher. Students will not be admitted into the major until lower-division SOC requirements are satisfied. All courses in the major must be taken for a letter grade.

**1. Lower-division requirements
(5 courses [at least 20 units])**

- a) SOC 001 or SOC 001H with a grade of “C-” or better
- b) SOC 003, SOC 004, SOC 005 with a grade of “C-” or better in each
- c) One additional lower-division Sociology courses with a grade of “C-” or better

2. Upper-division requirements (11 courses [at least 44 units])

- a) SOC 110, SOC 168, SOC 169
- b) A minimum of one course each selected from four of the following five areas of emphasis:

- (1) **Social Institutions, Organizations and Change:** SOC 112, SOC 121, SOC 122, SOC 123, SOC 125, SOC 126, SOC 137, SOC 139/MCS 139, SOC 143/URST 143, SOC 150, SOC 151, SOC 156, SOC 160, SOC 176/ BUS 176, SOC 179, SOC 182/URST 182, SOC 181, SOC 184
- (2) **Social Psychology:** SOC 173, SOC 174, SOC 175, SOC 177 E-Z, SOC 178, SOC 186E, SOC 186F, SOC 186G
- (3) **Social Inequality:** SOC 128, SOC 129, SOC 130, SOC 131 E-Z, SOC 132, SOC

133, SOC 135, SOC 161, SOC 162, SOC 163, SOC 164, SOC 165
 (4) **Criminology and Deviance:** SOC 134, SOC 144, SOC 145, SOC 147, SOC 149, SOC 159, SOC 180
 (5) **Family and Gender:** SOC 140, SOC 141, SOC 142, SOC 146, SOC 155 E-Z
 c) An additional four elective courses (at least 16 units) in Sociology (No more than 5 units from any combination of SOC 190, SOC 197, SOC 198-I.)

Law and Society requirements (36 units)

a) PHIL 007 or PHIL 007H
 b) LWSO 100 (with a grade of “C” or better)

c) One course chosen from POSC 114, PSYC 012, SOC 004 (or equivalent course in research methods)
 d) Three courses chosen from ANTH 127, ECON 119, HISE 153, PHIL 165, POSC 167, PSYC 175, SOC 159.
 e) Two courses chosen from ~~ENSC 174~~, HISA 120A, HISA 120B, HISE 123, LWSO 175 (E-Z), PHIL 164, POSC 111, POSC 166, POSC 168, POSC 186, SOC 147, SOC 149, SOC 180.
 f) LWSO 193, Senior Seminar

Note: For sections d) and e) combined, not more than two courses may be taken from the same department. In filling the dual requirements of the major, students may not count more than two courses toward both parts of their total requirements (Sociology requirements and Law and Society requirements).

Justification:

CNAS DELETED ENSC 174 FROM THEIR COURSE CATALOG THEREFORE NEEDS TO BE DELETED FROM ALL PROGRAMS

Approvals:

Approved by the faculty of the Department of SOCIOLOGY:
 Approved by the Executive Committee of the College of Humanities, Arts, and Social Sciences:
 Approved by the Committee on Educational Policy:

133, SOC 135, SOC 161, SOC 162, SOC 163, SOC 164, SOC 165
 (4) **Criminology and Deviance:** SOC 134, SOC 144, SOC 145, SOC 147, SOC 149, SOC 159, SOC 180
 (5) **Family and Gender:** SOC 140, SOC 141, SOC 142, SOC 146, SOC 155 E-Z
 c) An additional four elective courses (at least 16 units) in Sociology (No more than 5 units from any combination of SOC 190, SOC 197, SOC 198-I.)

Law and Society requirements (36 units)

a) PHIL 007 or PHIL 007H
 b) LWSO 100 (with a grade of “C” or better)

c) One course chosen from POSC 114, PSYC 012, SOC 004 (or equivalent course in research methods)
 d) Three courses chosen from ANTH 127, ECON 119, HISE 153, PHIL 165, POSC 167, PSYC 175, SOC 159.
 e) Two courses chosen from HISA 120A, HISA 120B, HISE 123, LWSO 175 (E-Z), PHIL 164, POSC 111, POSC 166, POSC 168, POSC 186, SOC 147, SOC 149, SOC 180.
 f) LWSO 193, Senior Seminar

Note: For sections d) and e) combined, not more than two courses may be taken from the same department. In filling the dual requirements of the major, students may not count more than two courses toward both parts of their total requirements (Sociology requirements and Law and Society requirements).

February 1, 2023

February 23, 2023
 April 3, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to Speculative Fiction and Cultures of Science Minor

PRESENT:

1. Requirements (24 units)

- a. Four (4) units from SFCS 001 or from the approved substitutes ENGL 146 (~~E-Z~~)/MCS 146 (~~E-Z~~) or ENGL 179C or ANTH 162.
- b. Sixteen (16) additional units, selected from the following groups. Students must take at least four (4) units from two of the three groups.
GROUP ONE: Fine Arts; selected from CRWT 162; CRWT 172; MCS 146; MCS 133; MCS 151G; MCS 153 (E-Z); MCS 170; TFDP 166C.

GROUP TWO: Humanities; selected from CPLT 118; CPAC 132; ENGL 179A; ENGL 179B; ENGL 179C; ~~ENGL 179D~~; ~~ENGL 179T~~; JPN 184; HIST 105; HIST 107; HISA 147; MCS 147; MCS 149; MCS 157; MCS 158; MCS 166; PHIL 137; PHIL 167.

GROUP THREE: Social Sciences; selected from ANTH 144F; ANTH 144E; GSST 106; GSST 161; GSST 185; GSST 187; GSST 189.

- c. Four (4) units from SFCS 193 (senior seminar) or CPLT 193 or ENGL 189 or MCS 193 or PHIL 193

All students must take the introductory course (SFCS 001) and the senior seminar or approved equivalents listed above. There is no required order in which elective courses must be taken but credit in SFCS 001 is required for entry into SFCS 193.

See Minors under the College of Humanities, Arts, and Social Sciences in the Colleges and Programs section of this catalog for information on minors.

PROPOSED:

1. Requirements (24 units)

- a. Four (4) units from SFCS 001 or from the approved substitutes ENGL 146/MCS 146 or ANTH 162.
- b. Sixteen (16) additional units, selected from the following groups. Students must take at least four (4) units from two of the three groups.
GROUP ONE: Fine Arts; selected from CRWT 162; CRWT 172; MCS 146; MCS 133; MCS 151G; MCS 153 (E-Z); MCS 170; TFDP 166C.

GROUP TWO: Humanities; selected from CPLT 118; CPAC 132; ENGL 179A; ENGL 179SA; ENGL 179B; ENGL 179C; JPN 184; HIST 105; HIST 107; HISA 147; MCS 109; MCS 147; MCS 149; MCS 157; MCS 158; MCS 166; MCS 175; PHIL 137; PHIL 167.

GROUP THREE: Social Sciences; selected from ANTH 144F; ANTH 144E; GSST 106; GSST 161; GSST 185; GSST 187; GSST 189.

- c. Four (4) units from SFCS 193 (senior seminar) or CPLT 193 or ENGL 189 or MCS 193 or PHIL 193

All students must take the introductory course (SFCS 001) and the senior seminar or approved equivalents listed above. There is no required order in which elective courses must be taken but credit in SFCS 001 is required for entry into SFCS 193.

See Minors under the College of Humanities, Arts, and Social Sciences in the Colleges and Programs section of this catalog for information on minors.

Justification:

These changes are needed because the underlying courses have been changed or eliminated.

MCS 109 and 175 have been added because they are in-scope with the minor and were newly created by MCS.

Approvals:

Approved by the faculty of the Department of English:

December 13, 2023

Approved by the Executive Committee of the College of Humanities,
Arts, and Social Sciences:

February 23, 2023

Approved by the Committee on Educational Policy:

April 3, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to Sustainability Studies Major

PRESENT:

PROPOSED:

1. Lower-Division Requirement (4 courses, 14–16 units)

[no change]

- a) GSST 001
- b) GSST 021
- c) Two courses from the following list of courses in natural, earth, and environmental sciences. (Cannot double count with the CHASS math and science 20 unit requirement): BIOL 003, BIOL 005C, BIOL 040, BPSC 011, BPSC 021, ENTM 010, ENTM 020, ENTM 050/BPSC 050, GEO 002, GEO 004, GEO 009, GEO 010, GEO 011, GEO 012, CEE 010 (2 units), ENGR 096/NASC 096/HASS 096, ENSC 001, ENSC 002, ENSC 006/ECON 006, ME 004, PHYS 007, PHYS 010, PHYS 016, PHYS 024, PHYS 037

2. Quantitative Method Requirement (one course, 4 units)

[no change]

One of the following courses or sequences OR an additional science course with a lab: SOC 001/SOC 004/SOC 005, STAT 008, STAT 100A, PSYC 011, POSC 114, ECON 101, GEO 157

3. Upper-Division Requirements (9 courses, 36 units)

3. Upper-Division Requirements (9 courses, 36 units)

- a) GSST 100
- b) Two GSST courses, of which at least one is from the following courses on gender & sustainability: GSST 131, GSST 161, GSST 171, GSST 173, GSST 181, GSST 183
- c) Four courses from any of the following lists. (Students may concentrate in one or

- a) GSST 100
- b) Two GSST courses, of which at least one is from the following courses on gender & sustainability: GSST 131, GSST 161, GSST 171, GSST 173, GSST 181, GSST 183
- c) Four courses from any of the following lists. (Students may concentrate in one or

two areas or take courses from all areas. Up to two courses for this requirement may be replaced by any of the following CNAS courses. Students are responsible for fulfilling the relevant prerequisites: BIOL 100/ ENTM 100, BIOL 165/BPSC 165, ECON 143A/ENSC 143A, ENSC 101, ENSC 102, ENSC 141, ~~ENSC 174~~, ENTM 124, ENTM 125, ENTM 126, GEO 160, GEO 161, GEO 167, GEO 169.)

two areas or take courses from all areas. Up to two courses for this requirement may be replaced by any of the following CNAS courses. Students are responsible for fulfilling the relevant prerequisites: BIOL 100/ ENTM 100, BIOL 165/BPSC 165, ECON 143A/ENSC 143A, ENSC 101, ENSC 102, ENSC 141, ENTM 124, ENTM 125, ENTM 126, GEO 160, GEO 161, GEO 167, GEO 169.)

(1) Environmental policy and politics: PBPL 129, POSC 106, POSC 127, POSC 137, POSC 139, POSC 160, POSC 180, POSC 189

(1) Environmental policy and politics: PBPL 129, POSC 106, POSC 127, POSC 137, POSC 139, POSC 160, POSC 180, POSC 189

(2) Health & medicine: ANTH 144E, ANTH 144F/GSST 185, ANTH 144J, ANTH 144M, ANTH 144N, ETST 116, HIST 107

(2) Health & medicine: ANTH 144E, ANTH 144F/GSST 185, ANTH 144J, ANTH 144M, ANTH 144N, ETST 116, HIST 107

(3) Science, technology, and related topics: ANTH 110, ANTH 132, ANTH 140T, AST 107, ETST 183, HIST 105, HIST 106, HIST 109/ENGR 109, MCS 122, PHIL 117, RLST 164, SOC 137, SOC 161, SOC 184

(3) Science, technology, and related topics: ANTH 110, ANTH 132, ANTH 140T, AST 107, ETST 183, HIST 105, HIST 106, HIST 109/ENGR 109, MCS 122, PHIL 117, RLST 164, SOC 137, SOC 161, SOC 184

(4) Internship or Honors Thesis focusing on sustainability: GSST 195, GSST 198-I

(4) Internship or Honors Thesis focusing on sustainability: GSST 195, GSST 198-I

- d) Capstone course sequence, required for all seniors: GSST 191A + GSST 191C [no change]

Justification:

The ENTM department has decided to discontinue ENSC 174 effective Fall 2023.

Approvals:

Approved by the faculty of the Department of Gender and Sexuality Studies:	January 23, 2023
Approved by the Executive Committee of the College of Humanities, Arts, and Social Sciences:	February 23, 2023
Approved by the Committee on Educational Policy:	April 3, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to Theatre, Film and Digital Production Major

PRESENT:

PROPOSED:

The major requirements for the B.A. degree in Theatre, Film, and Digital Production are as follows:

[no change]

Lower-division requirements (9 units)

[no change]

1. TFDP 099
2. TFDP 020
3. Either TFDP 010, TFDP 021, TFDP 022, TFDP 050, TFDP 050S, TFDP 066, or TFDP 067

Track 1: Literature, History, Criticism and Dramaturgy

[no change]

Upper-division requirements (40/44 units)

1. Literature, History, Criticism and Dramaturgy

requirement (20 units)

a) **Literature, History, and Criticism emphasis (12 units):** TFDP 100, TFDP 120A, TFDP 120B

1) **Eight (8) additional units from** TFDP 121, TFDP 122, TFDP 123, TFDP 124A, TFDP 124B, TFDP 125 (E-Z), TFDP 127, TFDP 161, TFDP 177 or TFDP 177S, TFDP 191 (E-Z)

b) **Dramaturgy emphasis (12 units):** TFDP 100, TFDP 120A, TFDP 120B

1) **Eight (8) additional units from** TFDP 103, TFDP 121, TFDP 122, TFDP 123, TFDP 124A, TFDP 124B, TFDP 125 (E-Z), TFDP 127, TFDP 161, TFDP 177 or TFDP 177S, TFDP 191 (E-Z)

2. **Twelve (12) elective units from** TFDP 101, TFDP 102, TFDP 109, TFDP 110A, TFDP 115, TFDP 126A, TFDP 126B, TFDP 150A, TFDP 150B, TFDP 152, TFDP 164A/CRWT 164A, TFDP 167, TFDP 169, TFDP 185/MUS 185 or TFDP 185S/MUS 185S, TFDP 199

3. Production requirement (8/12 units)

a) **Literature, History, and Criticism**

emphasis: Eight (8) units from TFDP 170, TFDP 171, TFDP 172, TFDP 173, TFDP 174, or TFDP 175

b) **Dramaturgy emphasis:** TFDP 174 (4 units) and eight (8) units from TFDP 170, TFDP 171, TFDP 172, TFDP 173, or TFDP 175

Track 2: Writing for the Performing Arts

Upper-division requirements (44 units)

1. Literature, History, and Criticism (12 units)

a) TFDP 120A, TFDP 120B (8 units)

b) **Four (4) units from** TFDP 122, TFDP 123, TFDP 124A, TFDP 124B, TFDP 125 (E-Z), TFDP 127, TFDP 191(E-Z)

2. Writing for the Performing Arts (20 units)

a) TFDP 164A, TFDP 164B, TFDP 164C

b) TFDP 166A, TFDP 166B

3. Eight (8) elective units from TFDP 109, TFDP 110A, TFDP 114, TFDP 115, TFDP 150A, TFDP 150B, TFDP 152, TFDP 163, TFDP 165, TFDP 166C, TFDP 167, TFDP 169, TFDP 195, TFDP 198-I

4. Production requirement: Four (4) units from TFDP 170, TFDP 171, TFDP 172, TFDP 173, TFDP 174, or TFDP 175

Track 3: Film Making

Upper-division requirements (40 units)

1. Film Making (16) units

a) TFDP 155 and TFDP 153A or TFDP 154 (8 units)

b) **Eight (8) additional units from** TFDP 117, TFDP 130A, TFDP 130B, TFDP 142, TFDP 144, TFDP 151, TFDP 153B, TFDP 156A, TFDP 156B, TFDP 157, TFDP 159

2. Screenwriting (4) units from TFDP 163

3. Sixteen (16) elective units from TFDP 100, TFDP 101, TFDP 109, TFDP 115, TFDP 120A, TFDP 120B, TFDP 122, TFDP 123, TFDP 133, TFDP 149, TFDP 150A, TFDP 150B, TFDP 152, TFDP 160, TFDP 161, TFDP 165, TFDP 167, TFDP 171, TFDP 172, TFDP 177 or TFDP 177S, TFDP 180 (E-Z), TFDP 185/MUS 185 or TFDP 185S/MUS 185S, TFDP 191(E-Z), TFDP 195, TFDP 198-I

4. Production requirement: Four (4) units from TFDP 170, TFDP 171, TFDP 172, TFDP 173, TFDP 174, or TFDP 175

Track 2: Writing for the Performing Arts

Upper-division requirements (44 units)

1. Literature, History, and Criticism (12 units)

a) TFDP 120A, TFDP 120B (8 units)

b) **Four (4) units from** TFDP 122, TFDP 123, TFDP 124A, TFDP 124B, TFDP 125 (E-Z), TFDP 127, TFDP 191(E-Z)

2. Writing for the Performing Arts (20 units)

a) TFDP 164A, TFDP 164B, TFDP 164C

b) TFDP 166A, TFDP 166B

3. Eight (8) elective units from TFDP 109, TFDP 110A, TFDP 114, TFDP 115, TFDP 150A, TFDP 150B, TFDP 152, TFDP 162, TFDP 163, TFDP 165, TFDP 166C, TFDP 167, TFDP 169, TFDP 195, TFDP 198-I

4. Production requirement: Four (4) units from TFDP 170, TFDP 171, TFDP 172, TFDP 173, TFDP 174, or TFDP 175

[no change]

Track 4: Acting and Directing

[no change]

Upper-division requirements (40-44 units)**1. Acting/Directing (16 units)**

a) **Acting emphasis:** TFDP 109, TFDP 110A, TFDP 110B (12 units)

1) **Four (4) additional units from** TFDP 111A, TFDP 111B, TFDP 111C, TFDP 111D, TFDP 112 (E-Z), TFDP 113 (E-Z)

b) **Directing emphasis:** TFDP 109, TFDP 150A, TFDP 150B (12 units)

1) **Four (4) additional units from** TFDP 110A, TFDP 112 (E-Z), TFDP 113 (E-Z), TFDP 117, TFDP 153A, TFDP 154

2. Literature History and Criticism (12 units):

TFDP 100, TFDP 120A, TFDP 120B

3. Electives (4) units from TFDP 066, TFDP 101, TFDP 110A, TFDP 110B, TFDP 111A, TFDP 111B, TFDP 111C, TFDP 111D, TFDP 112 (E-Z), TFDP 113 (E-Z), TFDP 115, TFDP 121, TFDP 122, TFDP 123, TFDP 124A, TFDP 124B, TFDP 125 (E-Z), TFDP 127, TFDP 136, TFDP 149, TFDP 150A, TFDP 150B, TFDP 152, TFDP 154, TFDP 155, TFDP 160, TFDP 161, TFDP 163, TFDP 185/MUS 185 or TFDP 185S/MUS 185S, TFDP 177 or TFDP 177S, TFDP 180 (E-Z), TFDP 191 (E-Z), TFDP 195, TFDP 198-I

4. Production requirement (8-12) units from TFDP 170, TFDP 171, TFDP 172, TFDP 173, TFDP 174, or TFDP 175

Track 5: Production and Design

[no change]

Upper-division requirements (40-44 units)

1. Twelve (12) units of Literature, History, and Criticism: TFDP 100, TFDP 120A, TFDP 120B

2. Twelve (12) units of Additional Requirements from TFDP 101, TFDP 103, TFDP 109, TFDP 121, TFDP 150A, TFDP 150B, TFDP 131, TFDP 132, TFDP 133, TFDP 135, TFDP 136, TFDP 138, TFDP 143, TFDP 145, TFDP 149, TFDP 153A, TFDP 154, TFDP 163, TFDP 164A/CRWT 164A, TFDP 166A

3. Electives (8) eight units from TFDP 115, TFDP 122, TFDP 124A, TFDP 124B, TFDP 125 (E-Z), TFDP 152, TFDP 161, TFDP 176/DNCE 128/ANTH 128/AST 128, TFDP 177 or TFDP 177S, TFDP 185/MUS 185 or TFDP 185S/MUS 185S, TFDP 180 (E-Z), TFDP 191 (E-Z), TFDP 195, TFDP 199

4. Production requirement (8) units from
TFDP 170, TFDP 171, TFDP 172, TFDP 173,
TFDP 174, or TFDP 175

**Track 6: General Theatre,
Film and Digital Production**

[no change]

Upper-division requirements (40 units)

1. Production and Design (16 units)

a) TFDP 101 (4 units)

b) **Twelve (12) units from** TFDP 131,
TFDP 132, TFDP 133, TFDP 135, TFDP 136,
TFDP 142, TFDP 143, TFDP 145, TFDP 149,
TFDP 180 (E-Z)

**2. Literature, History, and Criticism
(12 units)**

a) TFDP 100 (4 units)

b) **Eight (8) units from** TFDP 120A, TFDP
120B, TFDP 121, TFDP 122, TFDP 124A,
TFDP 124B, TFDP 125 (E-Z), TFDP 161,
TFDP 176/DNCE 128/ANTH 128/AST 128,
TFDP 177 or TFDP 177S, TFDP 191 (E-Z)

3. Four (4 units) from TFDP 109, TFDP 115,
TFDP 150A, TFDP 150B, TFDP 152, TFDP 160,
TFDP 195, TFDP 198-I

4. Production requirement (8-12) units from
TFDP 170, TFDP 171, TFDP 172, TFDP
173, TFDP 174, or TFDP 175

JUSTIFICATION:

TFDP 162: Writing the Half-Hour Television Comedy

Reinsert into Track 2:

3. Eight (8) elective units from

Justification: this course was deleted during the 2021 curriculum overhaul as the instructor hadn't taught it for some years. However, it will now be taught again.

Approvals:

Approved by the faculty of the Department of Theatre, Film and Digital Production:

November 22, 2022

Approved by the Executive Committee of the College of Humanities, Arts, and Social Sciences:

February 23, 2023

Approved by the Committee on Educational Policy:

April 3, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF NATURAL AND AGRICULTURAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed changes to Mathematics Change of Major Criteria

PRESENT:

Change of Major Criteria

All courses taken to fulfill major requirements must be completed with grades of C- or better after repeats.

Freshman (0-44.9 units earned)

Completion of the following with grade of "C-" or better and must be in good academic standing. (2.0 quarter and cumulative GPA).

MATH 007A or MATH009A or MATH 009HA

Sophomores (45-89.9 earned units)

Completion of the following with grade of "C-" or better and must be in good academic standing. (2.0 quarter and cumulative GPA).

MATH 007A or MATH009A or MATH 009HA

MATH 007B or MATH009B or MATH009HB

MATH 009C or MATH 010A

Juniors & Seniors (90 or more earned units)

Completion of the following with grade of "C-" or better and must be in good academic standing. (2.0 quarter and cumulative GPA).

MATH 007A or MATH009A or MATH 009HA

PROPOSED:

Change of Major Criteria

All courses taken to fulfill major requirements must be completed with grades of C- or better after repeats.

Freshman (0-44.9 units earned)

Completion of the following with grade of "C-" or better and must be in good academic standing. (2.0 quarter and cumulative GPA).

MATH 005B or MATH 007A or MATH009A or MATH 009HA

Sophomores (45-89.9 earned units)

Completion of the following three criteria with grade of "C-" or better and must be in good academic standing. (2.0 quarter and cumulative GPA).

- MATH 005B or MATH 007A or MATH009A or MATH 009HA

- MATH 005C or MATH 007B or MATH009B or MATH009HB

- MATH 005C or MATH 009C or MATH 010A

Juniors & Seniors (90 or more earned units)

Completion of the following five criteria with grade of "C-" or better and must be in good academic standing. (2.0 quarter and cumulative GPA).

- MATH 005B or MATH 007A or MATH009A or MATH 009HA

MATH 007B or MATH009B or MATH009HB

- MATH 005C or MATH 007B or MATH009B or MATH009HB

MATH 009C

- MATH 005C or MATH 009C

MATH 010A

- MATH 010A

MATH 031

- MATH 031

Major change requests are reviewed during the 2nd, 3rd, 4th & 10th weeks of each quarter. Students are required to complete degree programs without exceeding 216 earned units.

[no change]

Justification:

The criteria is being revised to reflect the new MATH 005 calculus sequence courses already approved.

Approvals:

Approved by the faculty of the Department of Mathematics:

July 22, 2022

Approved by the Executive Committee of the College of

Natural and Agricultural Sciences:

January 10, 2023

Approved by the Committee on Educational Policy:

April 12, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF NATURAL AND AGRICULTURAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed changes to the Bachelor of Arts and Bachelor of Science in Mathematics.

PRESENT:

**Major Requirements for the
Bachelor of Arts and Bachelor
of Science in Mathematics**

To fulfill the Natural Sciences requirement,
the Department of Mathematics requires the
following:

1. ~~One of the year sequences~~

a) BIOL 002, BIOL 003, BIOL 005C

b) CHEM 001A, CHEM 001B, CHEM 001C,
CHEM 01LA, CHEM 01LB, CHEM 01LC,

c) PHYS 040A, PHYS 040B, PHYS 040C

2. Either one course in the physical sciences
listed above if (a) above is completed or
one course in the biological sciences if (b)
or (c) above is completed

The major requirements for the B.A. and B.S.
degrees in Mathematics are as follows:

For the Bachelor of Arts

1. Lower-division requirements: ~~MATH 007A
or MATH 009A or MATH 09HA, MATH 007B
or MATH 009B or MATH 09HB, MATH 010A,
MATH 010B, MATH 031, MATH 046~~

PROPOSED:

**Major Requirements for the
Bachelor of Arts and Bachelor
of Science in Mathematics**

To fulfill the Natural Sciences requirement,
the Department of Mathematics requires the
following:

1. One of the year sequences:

a) [no change]

b) [no change]

c) [no change]

2. [no change]

The major requirements for the B.A. and B.S.
degrees in Mathematics are as follows:

For the Bachelor of Arts

1. Lower-division requirements (25-27 units)

a) MATH 005B or MATH 007A or MATH
009A or MATH 09HA

b) MATH 005C or MATH 007B or MATH
009B or MATH 09HB

c) MATH 010A, MATH 010B, MATH 031

d) MATH 045/EE 20A or MATH 046

2. Four (4) units of either CS 010A or one upper-division course in Statistics

3. A minimum of 36 units of upper-division mathematics, excluding courses in the MATH 190–199 series

For the Bachelor of Science

~~Lower-division requirements for all programs are MATH 007A or MATH 009A or MATH 09HA, MATH 007B or MATH 009B or MATH 09HB, MATH 009C, MATH 010A, MATH 010B, MATH 031, MATH 046, CS 010A (CS 010B is recommended).~~

1. Pure Mathematics program (~~56 units~~)

- a) Thirty-six (36) units of upper-division mathematics to include at least 24 units from MATH 131, MATH 132, MATH 145A, MATH 145B, MATH 151A, MATH 151B, MATH 151C, MATH 171, MATH 172
- b) At least three courses from (a) above must be from MATH 145A, MATH 145B, MATH 151A, MATH 151B, MATH 151C
- c) Courses in the MATH 190–199 series are excluded
- d) Sixteen (16) additional units of upper-division mathematics, upper-division computer science, or other related courses approved by the undergraduate advisor (For students who wish to pursue graduate work, courses in complex variables, differential equations, and probability may be particularly useful.)

2. [no change]

3. [no change]

For the Bachelor of Science

Lower-division requirements for all programs are (33-36 units)

- a) MATH 005B or MATH 007A or MATH 009A or MATH 09HA
- b) MATH 005C or MATH 007B or MATH 009B or MATH 09HB
- c) MATH 005C or MATH 009C
- d) MATH 010A, MATH 010B, MATH 031
- e) MATH 045/EE 020A or MATH 046
- f) CS 010A (CS 010B is recommended)

1. Pure Mathematics program (52 units)

- a) [no change]
- b) [no change]
- c) [no change]
- d) [no change]

2. Applied Mathematics programs

MATH 131, MATH 135A and MATH 135B, or MATH 149A and MATH 149B. MATH 146A, MATH 146B, MATH 146C and the courses in one of the following options:

a) General Applied Mathematics option

- (1) MATH 150A or MATH 151A
- (2) MATH 168
- (3) Students will select 16 units from MATH 120, MATH 121, MATH 126, MATH 141, MATH 147, MATH 148, MATH 149A, MATH 149B, MATH 150B, MATH 151B, MATH 165A, MATH 165B

b) Biology option

- (1) BIOL 005A, BIOL 05LA, BIOL 005B, BIOL 005C
- (2) MATH 149A
- (3) Two courses from MATH 120, MATH 121, MATH 135A, MATH 135B, MATH 149B
- (4) BIOL 102, BIOL 105, BIOL 108
- (5) Four (4) additional units of upper-division Biology

c) Chemistry option

- (1) CHEM 001A, CHEM 001B, CHEM 001C, CHEM 01LA, CHEM 01LB, CHEM 01LC
- (2) PHYS 040A, PHYS 040B, PHYS 040C
- (3) Three courses from MATH 120, MATH 135A, MATH 135B, MATH 149A, MATH 149B, MATH 165A, MATH 165B

2. Applied Mathematics programs

[no change]

a) General Applied Mathematics option

- (1) [no change]
- (2) [no change]
- (3) [no change]

b) Biology option

- (1) [no change]
- (2) [no change]
- (3) [no change]
- (4) [no change]
- (5) [no change]

c) Chemistry option

- (1) [no change]
- (2) [no change]
- (3) [no change]

(4) CHEM 110A, CHEM 110B, CHEM 111, CHEM 113

(4) [no change]

(5) Four (4) additional units of upper-division Chemistry

(5) [no change]

d) Economics option

(1) MATH 120, MATH 121, MATH 149A, MATH 149B

(1) [no change]

(2) ~~Four upper-division Economics courses (17-20 units) including:~~

(2) Four upper-division Economics courses (17-20 units) including:

(a) ECON 104A

(a) [no change]

(b) Three courses to be chosen from ECON 104B, ECON 104C, ECON 105A, ECON 105B, ECON 107, ECON 108, ECON 110, ~~ECON 112~~, ECON 117/PHIL 119, ECON 129, ECON 134/BUS 106, ECON 135, ECON 136, ECON 153, ECON 160/BUS 160, ECON 171/BUS 171, ECON 178/BUS 178.

(b) Three courses to be chosen from ECON 104B, ECON 104C, ECON 105A, ECON 105B, ECON 107, ECON 108, ECON 110, ECON 117/PHIL 119, ECON 129, ECON 134/BUS 106, ECON 135, ECON 136, ECON 153, ECON 160/BUS 160, ECON 171/BUS 171, ECON 178/BUS 178.

e) Environmental Sciences option

e) Environmental Sciences option

(1) CHEM 001A, CHEM 001B, CHEM 001C, CHEM 01LA, CHEM 01LB, CHEM 01LC

(1) [no change]

(2) ECON 006/ENSC 006

(2) [no change]

(3) GEO 001 is recommended

(3) [no change]

(4) MATH 149A

(4) [no change]

(5) Two courses from MATH 120, MATH 121, MATH 135A, MATH 135B, MATH 149B, CS 177, STAT 155

(5) [no change]

(6) ENSC 100, ENSC 101, ENSC 102

(6) [no change]

(7) Four (4) additional units of upper-division environmental sciences

(7) [no change]

f) Physics option

f) Physics option

(1) MATH 135A, MATH 165A

(1) [no change]

- | | |
|--|-----------------|
| (2) Either MATH 120 or MATH 171 | (2) [no change] |
| (3) PHYS 130A, PHYS 130B | (3) [no change] |
| (4) Either PHYS 135A, PHYS 135B,
PHYS 136 or PHYS 156A, PHYS 156B | (4) [no change] |

3. Computational Mathematics program

- a) MATH 011/CS 011, MATH 131, MATH 120, MATH 132, MATH 135A, MATH 135B
- b) CS 010B, CS 010C, CS 141, CS 150
- c) One additional CS course to be chosen from the list of approved technical elective courses.
- d) Sixteen (16) units of technical electives to be chosen from

(1) CS 111, MATH 121, MATH 126,
MATH 146A, MATH 146B, MATH
146C, MATH 149A, MATH 149B,
MATH 171

(2) CS 130, CS 166, CS 170, CS 177

3. Computational Mathematics program

a) [no change]

b) [no change]

c) [no change]

d) [no change]

(1) [no change]

(2) [no change]

Justification:

MATH 045 is a new course that was approved effective Winter 2022. The course is cross-listed with EE 020A. The lower-division requirements are being revised to reflect the new MATH 005 calculus sequence courses already approved.

ECON 112 was discontinued effective Fall 2020. The course is being removed from the list of options to reflect that change.

The Pure Mathematics units were updated to reflect the correct number of units required.

Approvals:

Approved by the faculty of the Department of Mathematics:

July 22, 2022

Approved by the Executive Committee of the College of Natural and
Agricultural Sciences:

February 7, 2023

Approved by the Committee on Educational Policy:

April 12, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF NATURAL AND AGRICULTURAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed changes to the Minor in Mathematics

PRESENT:

Minor

The following are the requirements for a minor in Mathematics.

1. ~~Lower division courses (20 units): MATH 007A or MATH 009A or MATH 009HA, MATH 007B or MATH 009B or MATH 009HB, MATH 009C, MATH 010A, MATH 010B~~

2. Upper-division requirements: 24 units of upper-division mathematics courses. Of the specified upper-division units, a minimum of 16 must be unique to the minor and may not be used to satisfy major requirements and no more than 4 units in courses numbered 190–199.

Students with a minor in Mathematics should consult with a faculty advisor in Mathematics to construct a specific program consistent with their goals.

PROPOSED:

Minor

The following are the requirements for a minor in Mathematics.

1. Lower-division courses (18-20 units)

a) MATH 005B or MATH 007A or MATH 009A or MATH 009HA

b) MATH 005C or MATH 007B or MATH 009B or MATH 009HB

c) MATH 005C or MATH 009C

d) MATH 010A, MATH 010B

2. No Change

No Change

Justification:

The lower-division requirements are being revised to reflect the new MATH 005 calculus sequence courses already approved.

Approvals:

Approved by the faculty of the Department of Mathematics:

July 22, 2022

Approved by the Executive Committee of the College of Natural and Agricultural Sciences:

January 10, 2023

Approved by the Committee on Educational Policy:

April 12, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF NATURAL AND AGRICULTURAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed changes to Mathematics Transfer Selection Criteria

PRESENT:

Transfer Selection Criteria

Applicants to majors in the College of Natural and Agricultural Sciences are selected on the basis of academic preparation, as assessed by their GPA and the strength of preparation for the intended major. A GPA of at least 2.70 is required. (This is a baseline GPA for consideration and not a guarantee of admission.)

In addition, applicants will need to complete college courses comparable to at least two of the following UCR year-long sequences in order to meet selection criteria for this major. Courses must be completed with “C” grades or better:

~~MATH 007A or MATH 009A, MATH 007B or MATH 009B, and MATH 009C (mandatory)~~

And at least one sequence from:

1. BIOL 005A/BIOL 05LA and BIOL 005B (and BIOL 005C, if articulated)
2. CHEM 001A, CHEM 01LA, CHEM 001B, CHEM 01LB, CHEM 001C, and CHEM 01LC
3. PHYS 040A, PHYS 040B, and PHYS 040C
4. MATH 010A, MATH 010B, and MATH 046

Courses must be completed with a letter grade, with no grade lower than a “C.” Students should visit assist.org for updated and comprehensive major preparation requirements.

PROPOSED:

Transfer Selection Criteria

[no change]

In addition, applicants will need to complete college courses comparable to at least two of the following UCR year-long sequences in order to meet selection criteria for this major. Courses must be completed with “C” grades or better:

At least one sequence from:

1. MATH 007A or MATH 009A, MATH 007B or MATH 009B, and MATH 009C (mandatory)
2. MATH 005A, MATH 005B, MATH 005C (mandatory)

And at least one sequence from:

1. [no change]
2. [no change]
3. [no change]
4. MATH 010A, MATH 010B, and MATH 045/EE 020A or MATH 046

[no change]

Justification:

MATH 045 is a new course that was approved effective Winter 2022. The course is cross-listed with EE 020A. The criteria is being revised to reflect the new MATH 005 calculus sequence courses already approved.

Approvals:

Approved by the faculty of the Department of Mathematics:

July 22, 2022

Approved by the Executive Committee of the College of Natural and
Agricultural Sciences:

January 10, 2023

Approved by the Committee on Educational Policy:

April 12, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF NATURAL AND AGRICULTURAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed changes to the Bachelor of Science in Mathematics for Secondary School Teachers

PRESENT:

Major Requirements for the Bachelor of Science in Mathematics for Secondary School Teachers

1. Lower-division Mathematics requirements
(24 units)

~~MATH 007A or MATH 009A or MATH 09HA, MATH 007B or MATH 009B or MATH 09HB, MATH 009C, MATH 010A, MATH 010B, MATH 031, MATH 046~~

2. Upper-division Mathematics requirements
(36 units)

a) MATH 131, MATH 133, MATH 140, MATH 144, MATH 153

b) MATH 150A or MATH 151A

c) Three courses from: MATH 132, MATH 136, MATH 137, MATH 138A, MATH 145A, MATH 145B, MATH 149A, MATH 149B, MATH 150B, MATH 151B, MATH 151C, MATH 171, MATH 172

3. Additional Mathematics and related disciplines requirements (12 units)

a) CS 010A

b) CS 011/MATH 011

c) STAT 155

PROPOSED:

Major Requirements for the Bachelor of Science in Mathematics for Secondary School Teachers

1. Lower-division Mathematics requirements
(27-29 units)

a) MATH 005B or MATH 007A or MATH 009A or MATH 09HA

b) MATH 005C or MATH 007B or MATH 009B or MATH 09HB

c) MATH 005C or MATH 009C

d) MATH 010A, MATH 010B, MATH 031

e) MATH 045/EE 020A or MATH 046

2. [no change]

a) [no change]

b) [no change]

c) [no change]

3. [no change]

a) [no change]

b) [no change]

c) [no change]

4. Natural Sciences (16-20 units)	4. [no change]
a) BIOL 002 or BIOL 003 or BIOL 005A and BIOL 05LA	a) [no change]
b) CHEM 001A and CHEM 01LA or CHEM 01HA and CHEM 1HLA	b) [no change]
c) PHYS 040A	c) [no change]
d) CHEM 001B and CHEM 01LB or CHEM 01HB and CHEM 1HLB or PHYS 040B or an additional laboratory Biological science course	d) [no change]
5. Social Sciences (16 units)	5. [no change]
a) One course in ECON or POSC	a) [no change]
b) One course in ANTH	b) [no change]
c) One course in PSYC	c) [no change]
d) One course in SOC	d) [no change]
6. Mathematics Education and Education requirements (18 or 19 units): EDUC 003 or EDUC 004 or EDUC 100B or equivalent, EDUC 104, EDUC 147, EDUC 162, EDUC 139.	6. [no change]
7. Recommended Courses LING 020 or LING 021, EDUC 132, EDUC 178, EDUC 179A.	7. [no change]

Justification:

MATH 045 is a new course that was approved effective Winter 2022. The course is cross-listed with EE 020A. The lower-division requirements are being revised to reflect the new MATH 005 calculus sequence courses already approved.

Approvals:

Approved by the faculty of the Department of Mathematics:	July 22, 2022
Approved by the Executive Committee of the College of Natural and Agricultural Sciences:	January 10, 2023
Approved by the Committee on Educational Policy:	April 12, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF NATURAL AND AGRICULTURAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed changes to the B.S. in Physics

PRESENT:

PROPOSED:

Major Requirements

The major requirements consist of a core curriculum and additional requirements for various B.S. degrees. The core requirements for the B.A. and B.S. degrees in Physics are as follows:

[No Change]

1. Lower-division requirements (70 units)

1. [No Change]

- a) one of the following sequences: PHYS 041A, PHYS 041B, PHYS 041C, or PHYS 040A or PHYS 40HA, PHYS 040B or PHYS 40HB, PHYS 040C or PHYS 40HC, PHYS 040D, PHYS 040E. The first sequence is preferred for the B.S. in Physics.

- a) [No Change]

- b) PHYS 039

- b) [No Change]

- c) MATH 007A or MATH 009A or MATH 09HA, MATH 007B or MATH 009B or MATH 09HB, MATH 009C, MATH 010A, MATH 010B, MATH 046

- c) [No Change]

- d) CHEM 001A, CHEM 001B, CHEM 001C, CHEM 01LA, CHEM 01LB, CHEM 01LC

- d) [No Change]

- e) CS 010A or CS 009P. A higher-level CS course may satisfy this CS requirement with approval.

- e) [No Change]

2. Upper-division requirements (41 to 42 units)

2. [No Change]

- a) PHYS 130A, PHYS 130B, PHYS 132, PHYS 135A, PHYS 135B, PHYS 156A, PHYS 156B

- a) [No Change]

- b) PHYS 139L (5 units), PHYS 142L (4 units) or PHYS 142W (5 units). Note that PHYS142W satisfies the ~~ENGL 1C~~ requirement.
- c) 4 units of ~~upper-division~~ Physics electives. ~~Upper-division~~ math, science or engineering may be substituted with approval.

- b) PHYS 139L (5 units), PHYS 142L (4 units) or PHYS 142W (5 units). Note that PHYS142W satisfies the ENGL 001C requirement.
- c) 4 units of upper-division Physics electives. Upper-division math, science or engineering may be substituted with approval.

Physics: Standard Track (B.S. degree)

[No Change]

1. Additional upper-division requirements (16 to 17 units)

1. [No Change]

- a) PHYS 136
- b) One of the following: one additional quarter of PHYS 142L (4 units) or PHYS 142W (5 units); at least 4 units of Senior Thesis (PHYS 195A, PHYS 195B, PHYS 195C, PHYS 195D); at least 4 units of Internship in Physics (PHYS 198I); participation in an approved summer research program, such as a NSF REU, and an additional 4 units of ~~upper-division~~ physics elective.
- c) 8 additional units of ~~upper-division~~ Physics electives. PHYS 156C is highly recommended for those planning to go to graduate school in physics.

- a) [No Change]
- b) One of the following: one additional quarter of PHYS 142L (4 units) or PHYS 142W (5 units); at least 4 units of Senior Thesis (PHYS 195A, PHYS 195B, PHYS 195C, PHYS 195D); at least 4 units of Internship in Physics (PHYS 198I); participation in an approved summer research program, such as a NSF REU, and an additional 4 units of upper-division physics elective.
- c) 8 additional units of upper-division Physics electives. PHYS 156C is highly recommended for those planning to go to graduate school in physics.

Physics: Biophysics Track (B.S. degree)

[No Change]

1. Additional lower-division requirements (25 units)

1. [No Change]

- a) BIOL 005A, BIOL 005B, BIOL 005C, BIOL 05LA or BIOL 020.
- b) CHEM 008A, or CHEM 08HA, CHEM 008B or CHEM 08HB, CHEM 008C or CHEM 08HC, CHEM 08LA or CHEM 08HLA, CHEM 08LB or CHEM 08HLB, CHEM 08LC or CHEM 08HLC

- a) [No Change]
- b) [No Change]

2. Additional upper-division requirements (8 units)
 - a) 8 additional upper-division units taken from BCH 110A, BCH 110B, BCH 110C or BIOL 107A (other ~~upper-division~~ CHEM/BIOL/BCH may be substituted upon approval)

Physics Education Track (B.S. degree)

1. Additional lower-division requirements (6 units)
 - a) EDUC 003, EDUC 004
2. Additional upper-division requirements (8 units)
 - a) Choose two courses from the following list:
EDUC 105 (highly recommended),
EDUC 147, EDUC 162, EDUC 132,
EDUC 178 or EDUC 177, EDUC 179A

Physics: Applied Physics and Engineering Track (B.S degree)

1. 16 additional units of approved Engineering electives including a minimum of 8 units at the upper-division level. A list of approved CS, EE, ME, CEE, CHE, and BIEN courses is available upon request from your physics faculty academic advisor or your advisor in the CNAS Advising Center. Example course plans can be found in the department web pages.

2. [No Change]

- a) 8 additional upper-division units taken from BCH 110A, BCH 110B, BCH 110C or BIOL 107A (other upper-division CHEM/BIOL/BCH may be substituted upon approval)

[No Change]

1. [No Change]

- a) [No Change]

2. [No Change]

- a) [No Change]

[No Change]

1. [No Change]

Physics: Astrophysics Track (B.S degree)

1. Additional upper-division requirements (20 units)
 - a. PHYS 136, PHYS 111, PHYS 112, PHYS 166, PHYS 140L (PHYS 111, PHYS 112, or PHYS 166 can also satisfy the 4 units of upper-division core requirements in 2c. above.)

Students continuing on to graduate school are encouraged to take additional upper-division courses in Mathematics, such as MATH 146A, MATH 146B, MATH 146C, MATH 165A, MATH 165B, and MATH 131.

[No Change]

Students may wish to earn a Minor in Mathematics which requires an additional 24 units of ~~upper-division~~ math.

Students may wish to earn a Minor in Mathematics which requires an additional 24 units of upper-division math.

To graduate, a minimum grade point average of 2.00 (C) is necessary overall and in the upper-division courses taken for the major (~~courses listed under 2-~~).

To graduate, a minimum grade point average of 2.00 (C) is necessary overall and in the upper-division courses taken for the major (including upper-division courses listed under each track.).

Justification:

Astronomy played a central role in starting the scientific revolution. Indeed, it was Isaac Newton's efforts to understand the trajectories of planets and comets that laid the foundations of natural science. The role of astronomy at the frontier of physics has ebbed and flowed over the centuries. Technological breakthroughs of the past several decades have given rise to a new golden age in which astronomical phenomena are once again central to the deepest questions in physics. The world's scientific institutions responded by investing significant resources in new and forthcoming observatories: e.g. the James Webb Space Telescope (JWST), the ground-based Extremely Large Telescopes, the Vera Rubin Observatory, the Simons Observatory, the Square Kilometre Array (SKA), and the Nancy Grace Roman Space Telescope. The scientific impact of these investments depends critically on a commensurate investment in training the next generation of astrophysicists.

UC Riverside's Physics and Astronomy Department has built a world-class group of 8 Astronomy faculty members supporting a graduate program of ~35 students. We specialize in a wide range of frontier topics including supermassive black holes, galaxy formation, cosmology, computational astrophysics, and big data science. All top-tier physics programs in the United States offer their undergraduate students an astronomy/astrophysics concentration or minor, or an astronomy B.S. degree. Examples within the UC system include: Berkeley (B.S.), Santa Barbara (minor), Santa Cruz (B.S.), and Los Angeles (B.S.). Indeed, UC Riverside is the only UC without at least an astrophysics minor or emphasis. We are long overdue to start our own Astrophysics Track for the B.S. in Physics. Leveraging the expertise of our faculty, the new track will provide our students with the breadth of knowledge required to compete in top Astronomy and Astrophysics graduate programs, or on the job market for fields requiring analytical and numerical skills. Undergraduate research is an essential part of this training. The track curriculum will improve the quality and focus of our students' undergraduate research, further increasing their competitiveness.

Approvals:

Approved by the faculty of the Department of Physics and Astronomy:

January 10, 2022

Approved by the Executive Committee of the College of Natural and
Agricultural Sciences:
Approved by the Committee on Educational Policy:

February 7, 2023
April 27, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF NATURAL AND AGRICULTURAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed changes to the B.S. and B.A Plant Biology Major

Major

[no change]

The mission of the interdepartmental Undergraduate Program in Plant Biology is to provide students with a solid background in modern principles and research practices of basic Plant Biology and in their area of specialization. Courses prerequisite to the major, courses used to satisfy major requirements, and the 11 units (for B.S. degree) related to the major must be taken for letter grades. Students may elect to take other courses on a Satisfactory (S)/No Credit (NC) basis. Refer to the Academic Regulations section of this catalog for additional information on “S/NC” grading. Information about this program is available on the CNAS UAAC website at cnasstudent.ucr.edu.

Transfer Students

[no change]

Students planning to transfer to UCR with a major in Plant Biology must have a minimum GPA of 2.7 in transferable college courses and “C” or higher grades in a year sequence of general chemistry and in courses equivalent to our BIOL 005A, BIOL 005B. We also require that transfer students complete two quarters of college calculus (equivalent to our MATH 007A and 007B or our MATH 009A and MATH 009B) before admission. Exceptions may be granted by the faculty advisor.

University Requirements

[no change]

See Undergraduate Studies section.

College Requirements

[no change]

See College of Natural and Agricultural Sciences, Colleges and Programs section.

Some of the following requirements for the major may also fulfill some of the college’s breadth

requirements. Consult with a department advisor for course planning.

Major Requirements

[no change]

The major requirements for the B.S. and B.A. degrees in Plant Biology are as follows:

1. Life Sciences core requirements (72-77)

[no change]

Students must complete all required courses with a grade of “C-” or better and with a cumulative GPA in the core courses of at least 2.0. Grades of “D” or “F” in two core courses, either separate courses or repetitions of the same course, are grounds for discontinuation from the major

a) BIOL 005A, BIOL 05LA or BIOL 020, BIOL 005B, BIOL 005C

a) [no change]

b) CHEM 001A, CHEM 01LA, CHEM 001B, CHEM 01LB, CHEM 001C, CHEM 01LC

b) [no change]

c) CHEM 008A and CHEM 08LA or CHEM 008HA and CHEM 008HLA, CHEM 008B and CHEM 08LB or CHEM 008HB and CHEM 008HLB CHEM 008C and CHEM 08LC or CHEM 008HC and CHEM 08HLC

c) [no change]

d) MATH 007A or MATH 009A, MATH 007B or MATH 009B (MATH 009C recommended)

d) [no change]

e) PHYS 002A, PHYS 02LA, PHYS 002B, PHYS 02LB, PHYS 002C, PHYS 02LC

e) [no change]

f) STAT 100A

f) [no change]

g) BCH 100 or BCH 110A (BCH 110A is strongly recommended)

g) [no change]

2. Upper-division requirements (~~36~~ units for the B.S., ~~34~~ units for the B.A.)

2. Upper-division requirements (38 units for the B.S., 33 units for the B.A.)

A GPA of at least 2.0 in upper-division courses taken in the field of the major is a graduation requirement. A student is subject to discontinuation from the major

[no change]

whenever the GPA in upper-division course work is below 2.0. Students finding themselves in this circumstance must meet with an advisor.

a) BIOL 102

a) [no change]

b) BPSC 104/BIOL 104

b) [no change]

c) BIOL 132/BPSC 132, BIOL 143/BPSC 143, BPSC 133

c) [no change]

d) For the B.S. only: Two (2) units of BPSC 195H, BPSC 197, BPSC 198I, or BPSC 199

d) [no change]

e) ~~BPSC 193 with a grade of C- or better~~

e) BPSC 184

f) ~~For the B.S. At least 11 additional units from one of the five areas of specialization (consult with a faculty advisor). Students may apply a maximum of 6 units of BPSC 190 and/or BPSC 195H and/or BPSC 197 and/or BPSC 198I and/or BPSC 199.~~

f) BPSC 193 with a grade of C- or better

g) For the B.S. At least 11 additional units from one of the five areas of specialization (consult with a faculty advisor). Students may apply a maximum of 6 units of BPSC 190 and/or BPSC 195H and/or BPSC 197 and/or BPSC 198I and/or BPSC 199.

For the B.A. At least 8 additional units from one of the five areas of specialization (consult with a faculty advisor).

[no change]

Note: Students planning a B.A. degree should schedule the required language courses in place of a series of electives.

Areas of Specialization

[no change]

Individual student career goals may be achieved by selecting an area of specialization within the diverse disciplines of botany and plant sciences. Adjustments within these programs can be made to accommodate students' interests. Students must consult with a faculty advisor to clarify educational goals and to plan a program of study.

1. Plant Cellular, Molecular, and Developmental Biology

a) BPSC 135

b) Additional units from the following to meet either the B.S. or B.A. requirement: BCH 102, BCH 110B, BCH 110C or BIOL 107A, BCH 162, BCH 183/BPSC 183, BIOL 107B, BIOL 113, BIOL 114, BIOL 121/MCBL 121, BIOL 121L/MCBL 121L, MCBL 121LS, BIOL 123/MCBL 123/PLPA 123, BIOL 155/BPSC 155, BIOL 168, BPSC 138/BIOL 138, CBNS 101, CBNS 108, BPSC 109/CBNS 109, BPSC 149

2. Plant Genetics, Breeding, and Biotechnology

a) BPSC 150

b) Additional units from the following to meet either the B.S. or B.A. requirement:

BIOL 105, BIOL 107A, BIOL 107B, BIOL 108, BIOL 119, BIOL 148/BPSC 148, BIOL 155/BPSC 155, BPSC 135, CBNS 108, STAT 011, BPSC 109/CBNS 109, BPSC 149

3. Ecology, Evolution, and Systematics

a) BPSC 146

b) Additional units from the following to meet either the B.S. or B.A. requirement:

BIOL 105, BIOL 108, BIOL 112/BPSC 112/ENTM 112, BIOL 116, BIOL 116L, BIOL 138/BPSC 138, BIOL 165/BPSC 165, BPSC 134/ENSC 134, BPSC 166, ENSC 100, GEO 151, GEO 153, GEO 169, BPSC 145

4. Plant Pathology, Nematology, and Pest Management

a) BIOL 120/MCBL 120/PLPA 120

b) Additional units from the following to meet either the B.S. or B.A. requirement:

BCH 183/BPSC 183, BIOL 121/MCBL 121, BIOL 121L/MCBL 121L, MCBL 121LS, BIOL 124/MCBL 124, BPSC 146, BPSC 150, BPSC

1. Plant Cellular, Molecular, and Developmental Biology

a) [no change]

b) [no change]

2. Plant Genetics, Breeding, and Biotechnology

a) [no change]

b) [no change]

3. Ecology, Evolution, and Systematics

a) [no change]

b) [no change]

4. Plant Pathology, Nematology, and Pest Management

a) [no change]

b) [no change]

166, ENSC 134/BPSC 134, ENTM 100/BIOL 100, ENTM 109, ENTM 124, ENTM 127/BIOL 127, ENTM 129, ENTM 129L, ENSC 100, ENSC 120/NEM 120, NEM 159/BIOL 159, PLPA 120L/BIOL 120L/MCBL 120L, PLPA 123/BIOL 123/MCBL 123, PLPA 134/BIOL 134, PLPA 134L/BIOL 134L, ENSC 1045, MCBL 128

5. Individualized specialization

For students who wish to pursue cross-disciplinary education in plant biology. Course selection can be individualized, but needs to be approved by faculty advisor.

5. Individualized specialization

[no change]

Justification:

Recent external assessment of the Plant Biology undergraduate major led to the recommendation to maximize undergraduate student knowledge of professional opportunities and career options for our majors. Therefore, we are establishing the new 2 unit course BPSC 184 “Planning for a Postgraduate Career in Life Sciences”. We think that all Plant Biology majors (BS and BA) should be well informed about career options and how to prepare for job search. If not made a degree requirement, we anticipate that many of our majors will not take this course. A previously offered 1-unit course on a similar topic (BPSC “Agricultural Careers in the 21st Century”) was only poorly attended. Adding the new 2-unit course BPSC 184 to our majors’ required course work will only have a minimal impact on the progression towards their degrees and is likely to be compensated for by the prospect of having the third quarter or organic chemistry (CHEM 8C; 3 units) removed from the required life-science core curriculum.

Approvals:

Approved by the faculty of the Department of Botany and Plant Sciences:	October 31, 2022
Approved by the Executive Committee of the College of Natural and Agricultural Sciences:	January 24, 2023
Approved by the Committee on Educational Policy:	April 27, 2023

**EXECUTIVE COMMITTEE
COLLEGE OF NATURAL AND AGRICULTURAL SCIENCES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to the Joint B.S.+1 Statistics M.S. Program

PRESENT:

Joint B.S.+1 Statistics M.S. Program

To earn the MS degree, students are required to complete a minimum of 41 units that must include STAT 201A, 201B, 201C, STAT 202A, 202B, 202C, ~~STAT 206~~, STAT 208, STAT 288, and two quarters of STAT 293, and pass the written exam. No more than 12 units earned prior to matriculation to graduate status can be applied towards the MS degree requirements. The courses that can be double counted must be graduate level courses and be eligible to be counted as electives in the B.S. requirements. Students receive credit toward the 41 units by completing STAT 201ABC (recommended) or some other graduate level courses, approved by the graduate advisor, as an undergraduate senior.

PROPOSED:

Joint B.S.+1 Statistics M.S. Program

To earn the MS degree, students are required to complete a minimum of 41 units that must include STAT 201A, 201B, 201C, STAT 202A, 202B, 202C, STAT 207, STAT 208, STAT 288, and two quarters of STAT 293, and pass the written exam. No more than 12 units earned prior to matriculation to graduate status can be applied towards the MS degree requirements. The courses that can be double counted must be graduate level courses and be eligible to be counted as electives in the B.S. requirements. Students receive credit toward the 41 units by completing STAT 201ABC (recommended) or some other graduate level courses, approved by the graduate advisor, as an undergraduate senior.

Justification:

The catalog lists STAT 206 as a required course. The program has changed the required course to STAT 207.

STAT 207 will replace STAT 206. The BS+1 MS program should have the same course requirements as our MS program (Edits will be done to the sentence on page 594 of the catalog).

Approvals:

Approved by the faculty of the Department of Statistics:
Approved by the Executive Committee of the College of Natural and Agricultural Sciences:
Approved by the Committee on Educational Policy:
Approved by the Graduate Council:

November 2, 2022

January 24, 2023

April 12, 2023

January 19, 2023

**EXECUTIVE COMMITTEE
SCHOOL OF EDUCATION
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to Education Minor (EDUC)

PRESENT:

Education Minor

The Education minor offers to any undergraduate student an introduction to issues and practices of education and research in public schools. Students from any major are invited to pursue a minor in Education.

Students in the Education minor may select from a variety of courses that may focus on a particular interest or may sample across aspects of the curriculum. Specific areas of interest that are reflected in the course offerings include: Special education, psychology, higher education, policy and leadership, culture and language, issues of classism, racism, sexism, heterosexism, diversity and equity, social justice, curriculum and teaching strategies, qualitative and quantitative methods, and educational research.

The Education minor does not lead to a teaching credential; however, some of the courses will satisfy UCR Teacher Education Program requirements. Students who are interested in pursuing a teaching credential should contact the Teacher Education Program at (951) 827-5225.

Program Requirements

The Education minor consists of the satisfactory completion of at least 24 units in courses identified for the Education Minor Program. At least 16 units must be completed in upper division courses.

Student petitions require the approval of the program advisor in the Education minor. Students may not petition to take more than 8 units of courses outside of the identified courses for the Education minor. College approval from both the School of Education and the major college is required.

PROPOSED:

[No Change]

[No Change]

[No Change]

Please see education.ucr.edu for the minor petition process. Minor in Education candidates must maintain a minimum cumulative GPA of 2.0.

Course Work

Students will have the opportunity to select from a menu of electives to complete the course work:

EDUC 001, EDUC 002, EDUC 003, EDUC 004, EDUC 005, EDUC 010, EDUC 019 (E-Z), EDUC 023, EDUC 024, EDUC 032A, EDUC 032B, EDUC 032C, EDUC 041, EDUC 042, EDUC 043, EDUC 044, EDUC 050, EDUC 051, EDUC 052, ~~EDUC 060~~, EDUC 061, EDUC 100A, EDUC 100B, EDUC 104, EDUC 105, EDUC 111 (E-Z), EDUC 112, EDUC 118, EDUC 119 (E-Z), EDUC 122, EDUC 123, EDUC 132, EDUC 134, EDUC 136, EDUC 141, EDUC 142, ~~EDUC 143~~, EDUC 144, EDUC 146/ETST 146, EDUC 147, EDUC 148, EDUC 150, EDUC 151, EDUC 152, EDUC 153, EDUC 154, EDUC 162, EDUC 171 or EDUC 172, EDUC 177 or EDUC 178, EDUC 179A, EDUC 179B, EDUC 181, EDUC 182, EDUC 183, EDUC 184

EDUC 001, EDUC 002, EDUC 003, EDUC 004, EDUC 005, EDUC 010 or EDUC 010H, EDUC 019 (E-Z), EDUC 023, EDUC 024, EDUC 032A, EDUC 032B, EDUC 032C, EDUC 041, EDUC 042, EDUC 043, EDUC 044, EDUC 050, EDUC 051, EDUC 052, EDUC 061, EDUC 100A, EDUC 100B, EDUC 104, EDUC 105, EDUC 111 (E-Z), EDUC 112, EDUC 118, EDUC 119 (E-Z), EDUC 122, EDUC 123, EDUC 132, EDUC 134, EDUC 136, EDUC 141, EDUC 142, EDUC 144, EDUC 145/BLKS 145, EDUC 146/ETST 146, EDUC 147, EDUC 148, EDUC 149, EDUC 150, EDUC 151, EDUC 152, EDUC 153, EDUC 154, EDUC 160, EDUC 161, EDUC 162, EDUC 171 or EDUC 172, EDUC 177 or EDUC 178, EDUC 179A, EDUC 179B, EDUC 181, EDUC 182, EDUC 183, EDUC 184

[No Change]

Additional courses may be added to this list by proposals of academic units, or by petitions of students to take a suitable alternative course.

Justification:

1. The course EDUC 010H was first approved for offering effective Fall 2020. EDUC 010H is the honors version of EDUC 010. We would like to allow for students who take EDUC 010H to use this course as part of the Minor in Education if they choose to pursue the Minor.
2. EDUC 060 was approved for deletion effective Fall 2023 and we would like to delete the course from the curriculum.
3. EDUC 143 was renumbered to EDUC 149 effective Fall 2022, and we are updating the curriculum to reflect this change.
4. EDUC 160 and EDUC 161 were previously included in the Minor in Education curriculum. They were left off in a revision and now we want to add them back into the curriculum as part of the menu of electives for students to complete the Minor in Education.
5. EDUC 145/BLKS 145 is a new course effective for Winter 2024 and we want to include it as part of the menu of electives for the Minor in Education.

Approvals:

Approved by the faculty of the School of Education:

March 7, 2023

Approved by the Executive Committee of the School of Education:

March 10, 2023

Approved by the Committee on Educational Policy:

April 19, 2023

**EXECUTIVE COMMITTEE
SCHOOL OF EDUCATION
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to Education, Society, and Human Development (ESHD) Major

PRESENT:

University Requirements

See Undergraduate Studies section

College Requirements

See the School of Education section.

Major Requirements

The major requirements for the B.A. degree in Education, Society, and Human Development, with concentrations in Education for Social Justice and Learning and Behavioral Studies.

Change of Major

Students switching to the Education, Society, and Human Development Major must be in good academic standing at time of major change and have completed at least one Education course with a grade of “C” or better, excluding EDUC 100A, EDUC 100B, EDUC 102, and EDUC 190-198.

Education for Social Justice Concentration

1. Lower-division requirements (5 courses [at least 20 units])

(a) EDUC 005

(b) EDUC 010 or EDUC 010H

(c) At least 3 of the following lower-division courses (at least 12 units): EDUC 001, EDUC 002, EDUC 019 (E-Z), EDUC 023, EDUC 024, EDUC 032A, EDUC 032B, EDUC 032C, EDUC 041, EDUC 042, EDUC 043, EDUC 050, EDUC 051, EDUC 052, ~~EDUC 060~~, EDUC 061

2. Upper-division requirements (7 courses [at least 28 units])

(a) Educational Research Methods (1 course [at least 4 units])

PROPOSED:

[no change]

[no change]

Major Requirements

[no change]

Change of Major

[no change]

[no change]

1. [no change]

(a) [no change]

(b) [no change]

(c) At least 3 of the following lower-division courses (at least 12 units): EDUC 001, EDUC 002, EDUC 019 (E-Z), EDUC 023, EDUC 024, EDUC 032A, EDUC 032B, EDUC 032C, EDUC 041, EDUC 042, EDUC 043, EDUC 050, EDUC 051, EDUC 052, EDUC 061

2. [no change]

(a) [no change]

(1) EDUC 118	(1) [no change]
(b) Concentration courses (4 courses [at least 16 units])	(b) [no change]
(1) EDUC 122, EDUC 123, EDUC 141, EDUC 142, EDUC 143 , EDUC 144, EDUC 146/ETST 146, EDUC 147, EDUC 148, EDUC 150, EDUC 151, EDUC 152, EDUC 153, EDUC 154	(2) (1) EDUC 122, EDUC 123, EDUC 141, EDUC 142, EDUC 144, <u>EDUC 145/BLKS 145</u> , EDUC 146/ETST 146, EDUC 147, EDUC 148, <u>EDUC 149</u> , EDUC 150, EDUC 151, EDUC 152, EDUC 153, EDUC 154
(c) Elective courses (2 courses [at least 8 units])	(c) [no change]
(1) EDUC 111 (E-Z), EDUC 112, EDUC 119 (E-Z), EDUC 132, EDUC 134, EDUC 160, EDUC 161, EDUC 162, EDUC 171 or EDUC 172, EDUC 179A, EDUC 181, EDUC 182, EDUC 183, EDUC 184, EDUC 190	(1) [no change]
A maximum of 8 units of EDUC 190 may be taken to satisfy elective degree requirements.	[no change]
3. Community Engaged Learning (40 hours minimum)	3. [no change]
(a) A minimum of 40 hours of field experiences, research, internship, and/or service-learning (activity) in an approved education setting.	(a) [no change]
(1) For a list of field experiences, research, internship, and/or service learning opportunities and how to demonstrate completion of the minimum 40 hours, please consult with the Community Engaged Learning Coordinator or an academic advisor in the Undergraduate Programs Office in the School of Education and/or the Undergraduate programs Community Engaged Learning section of School of Education's website	(1) For a list of field experiences, research, internship, and/or <u>service-learning</u> opportunities and how to demonstrate completion of the minimum 40 hours, please consult with the Community Engaged Learning Coordinator or an academic advisor in the Undergraduate Programs Office in the School of Education and/or the Undergraduate programs Community Engaged Learning section of School of Education's website.
Learning and Behavioral Studies Concentration	[no change]
1. Lower-division requirements (5 courses [at least 20 units])	1. [no change]
(a) EDUC 005	(a) [no change]
(b) EDUC 010 or EDUC 010H	(b) [no change]

(c) At least 3 of the following lower-division courses (at least 12 units): EDUC 001, EDUC 002, EDUC 019 (E-Z), EDUC 023, EDUC 024, EDUC 032A, EDUC 032B, EDUC 032C, EDUC 041, EDUC 042, EDUC 043, EDUC 050, EDUC 051, EDUC 052, ~~EDUC 060~~, EDUC 061

(c) At least 3 of the following lower-division courses (at least 12 units): EDUC 001, EDUC 002, EDUC 019 (E-Z), EDUC 023, EDUC 024, EDUC 032A, EDUC 032B, EDUC 032C, EDUC 041, EDUC 042, EDUC 043, EDUC 050, EDUC 051, EDUC 052, EDUC 061

2. Upper-division requirements (7 courses [at least 28 units])

2. [no change]

(a) Education Research Methods (1 course [at least 4 units])

(a) [no change]

(1) EDUC 118

(1) [no change]

(b) Concentration courses (4 courses [at least 16 units])

(b) [no change]

(1) EDUC 132, EDUC 134, EDUC 160, EDUC 161, EDUC 162, EDUC 179A, EDUC 181, EDUC 182, EDUC 183, EDUC 184

(1) [no change]

(c) Elective courses (2 courses [at least 8 units])

(c) Elective courses (2 courses [at least 8 units])

(1) EDUC 104, EDUC 105, EDUC 111 (E-Z), EDUC 112, EDUC 119 (E-Z), EDUC 122, EDUC 123, EDUC 141, EDUC 142, ~~EDUC 143~~, EDUC 144, EDUC 146/ETST 146, EDUC 147, EDUC 148, EDUC 150, EDUC 151, EDUC 152, EDUC 153, EDUC 154, EDUC 171 or EDUC 172, EDUC 190

(1) EDUC 104, EDUC 105, EDUC 111 (E-Z), EDUC 112, EDUC 119 (E-Z), EDUC 122, EDUC 123, EDUC 141, EDUC 142, EDUC 144, EDUC 145/BLKS 145, EDUC 146/ETST 146, EDUC 147, EDUC 148, EDUC 149, EDUC 150, EDUC 151, EDUC 152, EDUC 153, EDUC 154, EDUC 171 or EDUC 172, EDUC 190

A maximum of 8 units of EDUC 190 may be taken to satisfy elective degree requirements

[no change]

3. Community Engaged Learning (40 hours minimum)

3. [no change]

(a) A minimum of 40 hours of field experiences, research, internship, and/or service-learning (activity) in an approved education setting.

(a) [no change].

(1) For a list of field experiences, research, internship, and/or service learning opportunities and how to demonstrate completion of the minimum 40 hours, please consult with the Community Engaged Learning Coordinator or an academic advisor in the Undergraduate Programs Office in the School of Education and/or the

(1) For a list of field experiences, research, internship, and/or service-learning opportunities and how to demonstrate completion of the minimum 40 hours, please consult with the Community Engaged Learning Coordinator or an academic advisor in the Undergraduate Programs Office in the School of Education and/or the

Undergraduate programs Community
Engaged Learning section of School of
Education's website.

Undergraduate programs Community
Engaged Learning section of School of
Education's website.

Justification:

1. The course EDUC 060 was approved for deletion effective for Fall 2023 and we are removing it from the curriculum.
2. EDUC 145/BLKS 145 is a new course effective for Winter 2024. We want to include it in the curriculum as part of the menu of upper-division course options for the concentration in Education for Social Justice and the menu of upper-divisions electives for the concentration in Learning and Behavioral Studies.
3. EDUC 143 was renumbered to EDUC 149 effective Fall 2022, and we are updating the curriculum to reflect this change.

Approvals:

Approved by the faculty of the School of Education:

March 7, 2023

Approved by the Executive Committee of the School of Education:

March 10, 2023

Approved by the Committee on Educational Policy:

April 19, 2023

**EXECUTIVE COMMITTEE
SCHOOL OF PUBLIC POLICY
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to the Combined B.A. + M.P.P. Five-Year Program.

PRESENT:

Combined B.A. + M.P.P. Five-Year Program.

The School of Public Policy offers a combined B.A. + M.P.P. program in public policy, designed to lead to a Bachelor of Arts degree as well as a Master of Public Policy degree in five years. The coursework for the new program will be the same as that for the ~~two existing programs~~. Only students who are public policy majors with a cumulative GPA at least 3.0 overall and 3.3 in the major (upper division classes only, with a minimum of 16 units of these courses to be completed by the end of spring quarter of the junior year) are eligible to apply for this program before the end of their junior year. Students in the B.A. + M.P.P. program are allowed to count up to 12 units of ~~undergraduate electives taken as undergraduates towards the 72-unit requirements of the M.P.P. degree~~. Applicants to the combined program must include a statement of interest, indicating why the student is interested in an M.P.P. degree and how prior academic and work experience has prepared the student an M.P.P. degree, and a minimum of two recommendation letters from UCR faculty members, at least one of whom must be a faculty member in the School of Public Policy. The GRE requirement will be waived for these applicants.

PROPOSED:

[no change]

The School of Public Policy offers a combined B.A. + M.P.P. program in public policy, designed to lead to a Bachelor of Arts degree as well as a Master of Public Policy degree in five years. The coursework for the new program will be the same as that for the existing BA and MPP programs. Only students who are public policy majors with a cumulative GPA at least 3.0 overall and 3.3 in the major (upper division classes only, with a minimum of 16 units of these courses to be completed by the end of spring quarter of the junior year) are eligible to apply for this program before the end of their junior year. Students in the B.A. + M.P.P. program are allowed to count up to 12 units of MPP elective courses toward the upper-division track classes required for the BA program. Applicants to the combined program must include a statement of interest, indicating why the student is interested in an M.P.P. degree and how prior academic and work experience has prepared the student an M.P.P. degree, and a minimum of two recommendation letters from UCR faculty members, at least one of whom must be a faculty member in the School of Public Policy. The GRE requirement will be waived for these applicants.

Justification:

1. Change in language as suggested by the Graduate Division
2. Error in original text regarding the use of MPP courses that can be used for the BA major.
Wording corrected.

Approvals:

Approved by the faculty of Public Policy:

February 2023

Approved by the Executive Committee of the School of Public Policy:

February 2023

Approved by the Committee on Educational Policy:
Approved by the Graduate Council:

April 10, 2023
March 16, 2023

**EXECUTIVE COMMITTEE
SCHOOL OF PUBLIC POLICY
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to the Public Policy Major

PRESENT:

Major

Public policy analysis is the use of decision-making theory and evidence-based methods to the study of substantive public policy problems. The objective of public policy analysis is to improve the quality of public policy-making by critically examining the design and relevance of public policies, their implementation and execution, and their impact on households, communities, and the society at large. By its very nature, policy analysis is multidisciplinary. For instance, policies to address health problems in society must draw on developments in philosophy, economics, political science, medicine, and ethics (among other disciplines).

Career Opportunities

A degree in public policy equips students to go into a range of different careers. Examples include working as a policy analyst for local, regional, state, or national government agencies; a governmental or public relations officer for a private sector firm; an employee of a public advocacy group; or as a leader of a community-based, non-profit organization.

University Requirements

See Undergraduate Studies section.

College Requirements

See School of Public Policy section

Major Requirements

The major requirements for the B.A. degree in Public Policy are as follows:
Students will not be admitted into the major until they have completed PBPL 001 with a “C” grade or better.

PROPOSED:

[no change]

[no change]

[no change]

[no change]

Major Requirements

The major requirements for the B.A. degree in Public Policy are as follows:
Students will not be admitted into the major until they have completed PBPL 001 with a “C” grade or better.

1. Lower-division requirements (six courses [at least 24 units])

[no change]

- a) PBPL 001
- b) PBPL 002
- c) ECON 003
- d) PBPL 004

[no change]

~~e) One course chosen from HIST 017B, HIST 020, HIST 020W, SOC 015 or SOC 020~~

e) Math 004

~~f) One course chosen from PSYC 011, SOC 005, STAT 004, STAT 008, STAT 010 or POSC 114S~~

f) One course from CS 005 or CS 009A

2. Upper-division requirements (~~12 courses [at least 48 units]~~)

2. Upper-division requirements

a) PBPL 101

- a) Upper Division Core (3 courses required (at least 12 units))
PBPL 100A
PBPL 100B
PBPL 101

~~b) Ten courses chosen from two tracks, with no more than seven courses from one track.~~

- b) Upper Division Electives (8 courses required (at least 32 units))
PBPL 102, PBPL 103, PBPL 127, PBPL 130, PBPL 132, PBPL 150, PBPL 155, PBPL 157, PBPL 160, PBPL 162, PBPL 164, PBPL 167, PBPL 170, PBPL 171, PBPL 172, PBPL 180, PBPL 182, PBPL 185, PBPL 186

Track 1: Health and Population Policy

ANTH 131, ANTH 144E, ANTH 144G/GSST 140, ANTH 144J, ANTH 144K, ANTH 144M, ANTH 144N, ANTH 165F, BIOL 110, ECON 129, ECON 132, ECON 183, ENTX 150, ETST 116/HISA 147, GSST 140/ANTH 144N, GSST 171, HIST 107, PBPL 160, PBPL 162, POSC 180, POSC 180S, PSYC 110, PSYC 127/CBNS 127, PSYC 140, PSYC 160, PSYC 161, PSYC 168/ETST 168, PSYC 178, PSYC 179, SOC 127/PBPL 127, SOC 137, SOC 167/PBPL 167

Track 2: Social, Cultural, and Family Policy

ANTH 108, ANTH 120, ANTH 127, ANTH 127S, ANTH 132, ANTH 136/SEAS136, ANTH136S/SEAS136S, ANTH 139, ANTH 140G, ANTH 142E, ANTH 142I, ANTH 144E, ANTH 144G/GSST 140, ANTH 144K, ANTH 145/GSST 103, ANTH 148/GSST 150, ANTH

175, ANTH 177/MUS 126/GSST 126, BUS 102, BUS 153/ECON 153, BUS 157, BUS 176/SOC 176, BUS 177, ECON 132, ECON 151, ECON 155/GSST 155/PBPL 155, EDUC 122, EDUC 123, EDUC 141, EDUC 146, EDUC 147, EDUC 148, EDUC 150, EDUC 153, EDUC 154, EDUC 161, EDUC 162, ENGL 142N, ENGL 143F/MCS 143F/LGBS 143F, ETST 102, ETST 106, ETST 109I, ETST 109J, ETST 109K, ETST 113/HISA 134, ETST 115F/HISA 144F, ETST 118, ETST 124, ETST 126, ETST 128/SOC 128, ETST 128S/SOC 128S, ETST 131, ETST 132, ETST 136, ETST 137/SEAS 137, ETST 139, ETST 146/EDUC 146, ETST 147, ETST 156, ETST 159, ETST 160, ETST 163E, ETST 164, ETST 165, ETST 168/PSYC 168, ETST 174, ETST 175/GSST 175, ETST 177, ETST 188, GSST 108/PHIL 108, GSST 109/ANTH 109, GSST 134/LGBS 134, GSST 137/LGBS 137, GSST 143/SOC 140, GSST 150/ANTH 148, GSST 155/ECON 155/PBPL 155, GSST 158/RLST 161, GSST 160/RLST 160, GSST 161, GSST 166/MCS 127, GSST 167, GSST 173, GSST 175/ETST 175, GSST 181, HISA 124, HISA 125F, MCS 103/ANTH 103, MCS 127/GSST 166, MCS 139/SOC 139, MCS 146E/ENGL 146E, MCS 154, MCS 158, MCS 159/URST 159, MCS 171/SPN 171, PHIL 108/GSST 108, PHIL 109, PHIL 166, PHIL 168/GSST 141, POSC 108, POSC 111, POSC 132, POSC 132S, POSC 146, POSC 181, PSYC 142, PSYC 148, PSYC 165B, PSYC 167/ETST 167, PSYC 168/ETST 168, PBPL 102, PBPL 150, PBPL 155/GSST 155/ECON 155, PBPL 160, PBPL 164, PBPL 170/ENGR 170, PBPL 171/ENGR 171, PBPL 172, PBPL 182/SOC 182, PBPL 185, RLST 152, RLST 153, RLST 160/GSST 160, RLST 161/GSST 158, SOC 112, SOC 112S, SOC 122, SOC 127, SOC 129, SOC 130, SOC 133, SOC 134, SOC 135, SOC 135S, SOC 137, SOC 139/MCS 139, SOC 140, SOC 141, SOC 142, SOC 143/URST 143, SOC 144, SOC 145/ETST 145, SOC 146, SOC 147, SOC 156, SOC 160, SOC 161, SOC 163, SOC 164, SOC 173, SOC 179, SOC 180, SOC 183 (E-Z), TDFP 122

Track 3: Economic Policy

ANTH 122, ANTH 144G/GSST 140, ANTH 144M, BUS 102, BUS 103, BUS 106/ECON 134, BUS 114, BUS 124A, BUS 132, BUS 134, BUS 138, BUS 140E, BUS 141, BUS 153/ECON 153,

BUS 154, BUS 162/ECON 162, BUS 174, BUS 178/ECON 178, ECON 102, ECON 103, ECON 104A, ECON 104B, ECON 105A, ECON 105B, ECON 107, ECON 117/PHIL 119, ECON 119, ECON 125, ECON 129, ECON 130, ECON 132, ECON 135, ECON 143, ECON 146/URST 146, ECON 151, ECON 153/BUS 153, ECON 155/GSST 155/PBPL 155, ECON 157/PBPL 157, ECON 160/BUS 160, ECON 171, ECON 173, ECON 173S, ECON 175, ECON 178/BUS 178, ECON 181, ECON 186/PBPL 186, ENGR 180W, ETST 102, GBST 104, GSST 155/ECON 155/PBPL 155, HISA 119, PHIL 116, POSC 116/POSC 116S, POSC 126, POSC 126S, POSC 130, POSC 134, POSC 134S, POSC 136, POSC 136S, POSC 138, POSC 138S, POSC 145, POSC 160, POSC 160S, POSC 164, POSC 164S, POSC 182, POSC 186, PBPL 103, PBPL 129, PBPL 171/ENGR 171, PBPL 172, SOC 112/SOC 112S, SOC 150, URST 146/ECON 146

Track 4: Urban/Environmental Policy

ANTH 117, ANTH 118, ANTH 119, ANTH 132, ANTH 139, ANTH 144N, ANTH 163, CEE 132, ECON 143, ECON 146/URST 146, ECON 148, ECON 157/PBPL 157, ECON 173, ECON 173S, ENSC 101, ENSC 103/ENTX 103, ENSC 163, ENSC 175, ENVE 133, ENVE 135, GEO 157, GEO 160, GEO 169, GBST 110, GSST 173, GSST 181, LWSO 175 (E-Z), MCS 122, PHIL 109, PHIL 117, POSC 127, POSC 127S, POSC 137, POSC 137S, POSC 139, POSC 139S, POSC 160, POSC 160S, PBPL 103, PBPL 129, PBPL 130/GBST 130, PBPL 132, PBPL 150, PBPL 164, PBPL 171/ENGR 171, PBPL 172, PBPL 182/SOC 182, PBPL 185, SOC 112, SOC 112S, SOC 137, SOC 143/URST 143, SOC 150, SOC 151, SOC 156, SOC 159, SOC 176/BUS 176, SOC 184

Track 5: Policy Institutions and Processes

ANTH 127, ANTH 127S, ANTH 142F, ANTH 144G/GSST 140, BUS 102, BUS 107, BUS 128, BUS 140E, BUS 143, BUS 155, BUS 156, BUS 157, BUS 160/ECON 160, BUS 176/SOC 176, BUS 177, ECON 116, ECON 117/PHIL 119, ECON 119, ECON 129, ECON 132, ECON 151, ECON 157/PBPL 157, ECON 160/BUS 160, ECON 173S, ECON 175, ECON 181, EDUC 122, EDUC 123, EDUC 146, EDUC 147, EDUC 150, ETST 102, ETST 113/HISA 134, ETST

128S/SOC 128S, ETST 159, ETST 163E, ETST 164, ETST 177, GSST 129, GSST 136, GSST 137/LGBS 137, GSST 166, GSST 173, GBST 104, HIST 111, HISA 120B, LWSO 100, LWSO 193, MCS 103/ANTH 103, PHIL 163, PHIL 165, POSC 100, POSC 101, POSC 108, POSC 109/RLST 173, POSC 112, POSC 112S, POSC 113, POSC 117, POSC 117S, POSC 123, POSC 124, POSC 124S, POSC 125, POSC 130, POSC 134, POSC 134S, POSC 136, POSC 136S, POSC 137, POSC 137S, POSC 138/POSC 138S, POSC 143, POSC 143S, POSC 146, POSC 148, POSC 148S, POSC 148H, POSC 149, POSC 149S, POSC 150, POSC 150S, POSC 153, POSC 154, POSC 159, POSC 159S, POSC 160, POSC 160S, POSC 162/LNST 142, POSC 162S/LNST 142S,, POSC 164, POSC 164S, POSC 165/POSC 165S, POSC 166, POSC 167, POSC 168, POSC 170, POSC 173, POSC 173S, POSC 182, POSC 186, PSYC 142, PSYC 175, PBPL 102, PBPL 103, PBPL 129, PBPL 132, PBPL 155/ECON 155/GSST 155, PBPL 160, PBPL 164, PBPL 171/ENGR 171, PBPL 172, PBPL 182/SOC 182, PBPL 185, RLST 175, SOC 112, SOC 112S, SOC 150, SOC 151, SOC 159, SOC 164, SOC 176/BUS 176, TFDP 122

Track 6: International and Foreign Policy

ANTH 108, ANTH 119, ANTH 122, ANTH 127, ANTH 127S, ANTH 132, ANTH 136/SEAS136, ANTH136S/SEAS136S, ANTH 140G, ANTH 140I, ANTH 144N, ANTH 163, BUS 102, BUS 114, BUS 138, BUS 154, BUS 178/ECON 178, ECON 103, ECON 171, ECON 173, ECON 173S, ECON 186, ECON 187/LNST 187, ENGR 171/PBPL 171, GBST 104, GBST 110, GSST 167, HISA 162/ LNST 172, HISA 165, HISA 166, HISE 123, HISE 146, HISE 148B, HISE 152, HIST 107, LNST 148/POSC 158, LNST 188/POSC 161, MCS 124, POSC 109/RLST 173, POSC 120, POSC 123, POSC 124, POSC 124S, POSC 125, POSC 126, POSC 126S, POSC 127, POSC 127S, POSC 128, POSC 129, POSC 130, POSC 134, POSC 134S, POSC 135, POSC 136, POSC 136S, POSC 137, POSC 137S, POSC 138/POSC 138S, POSC 151, POSC 151S, POSC 153, POSC 154, POSC 155, POSC 155S, POSC 157, POSC 157S, POSC 158/LNST 148, POSC 159, POSC 159S, POSC 160, POSC 160S, POSC 162/LNST 142, POSC 162S/LNST 142S, POSC 163, POSC 163S, POSC 169, POSC 182, POSC

~~188, POSC 188S, PBPL 102, PBPL 129, PBPL 130/GBST 130, PBPL 171/ENGR 171, RLST 155/PHIL 155, RLST 173/POSC 109, SOC 135, SOC 135S, SOC 146, SOC 161, SOC 181, SOC 181S~~

3. Public Policy Seminar/Colloquia

[no change]

During the junior and senior years, students must enroll in PBPL 191 (Seminar in Public Policy), which includes attendance at public lectures to the campus community given by outside speakers — typically policy makers, administrators and researchers — on timely and important policy issues facing the Inland Empire, the state, the nation, and the world.

4. Domestic or International Policy Practicum

[no change]

In the third or fourth year of the program (or during the summer between the third and fourth years), students must undertake a policy practicum (PBPL 198-I), which consists of an internship (paid or voluntary) on a policy issue or problem with a local, state or federal government agency, nonprofit or for-profit organization, a trade association, a labor/trade union, or a public-affairs firm. The Public Policy Program Committee helps students locate internship opportunities. The internship provides students with an opportunity to gain real-world experience and apply the analytical skills learned in the classroom. Students enrolled in the UC Riverside Washington Academic Program, the UC Center at Sacramento program or the Education Abroad Program can apply that experience toward the policy practicum requirement, and do not need to undertake a separate internship.

5. Senior Thesis (for Honors candidates only)

[no change]

Students who have an outstanding academic record in their coursework during the first three years of the program can become candidates for Honors in Public Policy during the spring quarter of their junior year. All honors candidates must enroll in a two-quarter senior thesis seminar (PBPL 195H) that will culminate in a written thesis covering a real policy problem of the

student's choice. The thesis project could grow out of the practicum experience.

Justification:

The proposed changes in the Public Policy major will align our curriculum with the stated objectives of the major, which are reported at the top of this proposal. Rigorous and insightful analysis of public policies requires a combination of empirical analysis, institutional knowledge, and decision theory. The current curriculum overemphasizes institutional knowledge and underemphasizes empirical analysis.

The proposed changes to the core curriculum will teach Public Policy students the common empirical methods routinely used by policy analysts who want to understand the societal impacts of policy. CS 009A or CS 005 introduces students to programming. The new Math 004 requirement will make sure students in the major have adequate math skills to take CS 009A as well as the two new core upper division courses in data analysis. These new courses, PBPL 100A and PBPL 100B, will build on the programming course and teach students not only the techniques of empirical analysis but also the conceptual underpinnings of the methods that are needed to establish causality, a crucial requirement in public policy analysis.

The Public Policy major was reviewed by an external review team in 2022. One of the team's observations was that "...the very large set of upper-division elective courses offered by multiple departments throughout UCR may be less coherent than is ideal and pose logistical difficulties for students and staff in navigating the options." We agree. Our current upper division elective requirement provides too much flexibility and too little coherence. The proposed changes would rectify this by allowing students to choose from a much more limited set of course offerings, all of which focus on different aspects of policy and policy analysis. These courses are either taught by SPP faculty, so they reflect the knowledge and expertise of faculty engaged in policy research or they are courses cross-listed with other departments that may be primarily taught by non-SPP faculty who have expertise in policy research.

A bit of historical perspective will help put the proposed changes into context. The Riverside Division of the UC Academic Senate voted to move the Public Policy major from CHASS to SPP effective Fall Quarter 2018. The current curriculum largely reflects the major's origin as a CHASS interdisciplinary major. SPP faculty needed a bit of time to determine how best to change the major to make it reflect preferred student outcomes for undergraduates in SPP. The arrival of Covid and a desire to wait for the outcome of the external review resulted in our waiting to make the proposed changes until now. These changes will create much better alignment between our undergraduate major, our BA/MPP program, and the teaching, research, and outreach priorities of SPP faculty.

Approvals:

Approved by the SPP Undergraduate Committee:	January 21, 2023
Approved by the SPP Executive Committee:	February 24, 2023
Approved by Committee on Educational Policy:	April 10, 2023

**EXECUTIVE COMMITTEE
SCHOOL OF PUBLIC POLICY
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be adopted:

Proposed Changes to the Public Policy Minor

PRESENT:

PROPOSED:

**1. Lower-division requirements (three courses
[at least 12 units])**

[no change]

a) PBPL 001

[no change]

b) ~~One course from PBPL 002, ECON 003, POSC
010, POSC 015~~

b) PBPL 002

c) ~~One course from PBPL 004, PHIL 002, PHIL
003, SOC 001, SOC 020~~

c) PBPL 004

**2. Upper-division requirements (six courses [at
least 24 units] chosen from two tracks:**

2. Upper Division Core
PBPL 100A

~~Track 1: Health and Population Policy~~

~~ANTH 131, ANTH 144E, ANTH 144G/GSST
140, ANTH 144J, ANTH 144K, ANTH 144M,
ANTH 144N, ANTH 165F, BIOL 110, ECON
129, ECON 132, ECON 183, ENTX 150, ETST
116/HISA 147, GSST 140/ANTH 144N, GSST
171, HIST 107, PBPL 160, PBPL 161, POSC 180,
POSC 180S, PSYC 110, PSYC 127/CBNS 127,
PSYC 140, PSYC 160, PSYC 161, PSYC
168/ETST 168, PSYC 178, PSYC 179, SOC
127/PBPL 127, SOC 137, SOC 167/PBPL 167~~

~~Track 2: Social, Cultural, and Family Policy~~

~~ANTH 108, ANTH 120, ANTH 127, ANTH
127S, ANTH 132, ANTH 136/SEAS136,
ANTH136S/SEAS136S, ANTH 139, ANTH~~

Upper Division Electives (5 courses required (at
least 20 units))

PBPL 100B, PBPL101, PBPL102, PBPL 103,
PBPL 127, PBPL 130, PBPL 132, PBPL 150,
PBPL 155, PBPL 157, PBPL 160, PBPL 162,
PBPL 164, PBPL 167, PBPL 170, PBPL 171,
PBPL 172, PBPL 180, PBPL 182, PBPL 185,
PBPL 186

140G, ANTH 142E, ANTH 142I, ANTH 144E, ANTH 144G/GSST 140, ANTH 144K, ANTH 145/GSST 103, ANTH 148/GSST 150, ANTH 175, ANTH 177/MUS 126/GSST 126, BUS 102, BUS 153/ECON 153, BUS 157, BUS 176/SOC 176, BUS 177, ECON 132, ECON 151, ECON 155/GSST 155/PBPL 155, EDUC 122, EDUC 123, EDUC 147, EDUC 161, ENGL 142N, ENGL 143F/MCS 143F/LGBS 143F, ETST 102, ETST 106, ETST 109I, ETST 109J, ETST 109K, ETST 113/HISA 134, ETST 115F/HISA 144F, ETST 118, ETST 124, ETST 126, ETST 128/SOC 128, ETST 128S/SOC 128S, ETST 131, ETST 132, ETST 136, ETST 137/SEAS 137, ETST 139, ETST 146/ EDUC 146, ETST 147, ETST 156, ETST 159, ETST 160, ETST 163E, ETST 164, ETST 165, ETST 168/PSYC 168, ETST 174, ETST 175/GSST 175, ETST 177, ETST 188, GSST 108/PHIL 108, GSST 109/ANTH 109, GSST 134/LGBS 134, GSST 137/LGBS 137, GSST 143/SOC 140, GSST 150/ANTH 148, GSST 155/ ECON 155/PBPL 155, GSST 158/RLST 161, GSST 160/RLST 160, GSST 161, GSST 166/MCS 127, GSST 167, GSST 173, GSST 175/ ETST 175, GSST 181, HISA 124, HISA 125F, MCS 103/ANTH 103, MCS 127/GSST 166, MCS 139/SOC 139, MCS 146E/ENGL 146E, MCS 154, MCS 158, MCS 159/URST 159, MCS 171/SPN 171, PHIL 108/GSST 108, PHIL 109, PHIL 166, PHIL 168/GSST 141, POSC 108, POSC 111, POSC 132, POSC 132S, POSC 146, POSC 181, PSYC 142, PSYC 148, PSYC 165B, PSYC 167/ETST 167, PSYC 168/ETST 168, PBPL 102, PBPL 150, PBPL 155/GSST 155/ECON 155, PBPL 160, PBPL 164, PBPL 170/ENGR 170, PBPL 171/ENGR 171, PBPL 172, PBPL 185, RLST 152, RLST 153, RLST 160/GSST 160, RLST 161/GSST 158, SOC 112, SOC 112S, SOC 122, SOC 127, SOC 129, SOC 130, SOC 133, SOC 134, SOC 135, SOC 135S, SOC 137, SOC 139/ MCS 139, SOC 140, SOC 141, SOC 142, SOC 143/URST 143, SOC 144, SOC 145/ETST 145, SOC 146, SOC 147, SOC 156, SOC 160, SOC 161, SOC 163, SOC 164, SOC 173, SOC 179, SOC 180, SOC 183 (E-Z), TDFP 122

Track 3: Economic Policy

ANTH 122, ANTH 144G/GSST 140, ANTH 144M, BUS 102, BUS 103, BUS 106/ECON 134, BUS 114, BUS 124A, BUS 132, BUS 134, BUS

138, BUS 140E, BUS 141, BUS 153/ECON 153, BUS 154, BUS 162/ECON 162, BUS 174, BUS 178/ECON 178, ECON 102, ECON 103, ECON 104A, ECON 104B, ECON 105A, ECON 105B, ECON 107, ECON 117/PHIL 119, ECON 119, ECON 125, ECON 129, ECON 130, ECON 132, ECON 135, ECON 143, ECON 146/URST 146, ECON 151, ECON 153/BUS 153, ECON 155/GSST 155/PBPL 155, ECON 157/PBPL 157, ECON 160/BUS 160, ECON 171, ECON 173, ECON 173S, ECON 175, ECON 178/BUS 178, ECON 181, ECON 186/PBPL 186, ENGR 180W, ETST 102, GBST 104, GSST 155/ECON 155/PBPL 155, HISA 119, PHIL 116, POSC 116/POSC 116S, POSC 126, POSC 126S, POSC 130, POSC 134, POSC 134S, POSC 136, POSC 136S, POSC 138, POSC 138S, POSC 145, POSC 160, POSC 160S, POSC 164, POSC 164S, POSC 182, POSC 186, PBPL 103, PBPL 129, PBPL 171/ENGR 171, PBPL 172, SOC 112/SOC 112S, SOC 150, URST 146/ECON 146

Track 4: Urban/Environmental Policy

ANTH 117, ANTH 118, ANTH 119, ANTH 132, ANTH 139, ANTH 144N, ANTH 163, CEE 132, ECON 143, ECON 146/URST 146, ECON 148, ECON 157/PBPL 157, ECON 173, ECON 173S, ENSC 101, ENSC 103/ENTX 103, ENSC 163, ENSC 175, ENVE 133, ENVE 135, GEO 157, GEO 160, GEO 169, GBST 110, GSST 173, GSST 181, LWSO 175 (E-Z), MCS 122, PHIL 109, PHIL 117, POSC 127, POSC 127S, POSC 137, POSC 137S, POSC 139, POSC 139S, POSC 160, POSC 160S, PBPL 103, PBPL 129, PBPL 130/GBST 130, PBPL 132, PBPL 150, PBPL 164, PBPL 171/ENGR 171, PBPL 172, PBPL 185, SOC 112, SOC 112S, SOC 137, SOC 143/URST 143, SOC 150, SOC 151, SOC 156, SOC 159, SOC 176/BUS 176, SOC 182/URST 182, SOC 184

Track 5: Policy Institutions and Processes

ANTH 127, ANTH 127S, ANTH 142F, ANTH 144G/GSST 140, BUS 102, BUS 107, BUS 128, BUS 140E, BUS 143, BUS 155, BUS 156, BUS 157, BUS 160/ECON 160, BUS 176/SOC 176, BUS 177, ECON 116, ECON 117/PHIL 119, ECON 119, ECON 129, ECON 132, ECON 151, ECON 157/PBPL 157, ECON 160/BUS 160, ECON 173S, ECON 175, ECON 181, ETST 102,

ETST 113/HISA 134, ETST 128S/SOC 128S,
 ETST 159, ETST 163E, ETST 164, ETST 177,
 GSST 129, GSST 136, GSST 137/LGBS 137,
 GSST 166, GSST 173, GBST 104, HIST 111,
 HISA 120B, LWSO 100, LWSO 193, MCS
 103/ANTH 103, PHIL 163, PHIL 165, POSC 100,
 POSC 101, POSC 108, POSC 109/RLST 173,
 POSC 112, POSC 112S, POSC 113, POSC 117,
 POSC 117S, POSC 123, POSC 124, POSC 124S,
 POSC 125, POSC 130, POSC 134, POSC 134S,
 POSC 136, POSC 136S, POSC 137, POSC 137S,
 POSC 138/POSC 138S, POSC 143, POSC 143S,
 POSC 146, POSC 148, POSC 148S, POSC 148H,
 POSC 149, POSC 149S, POSC 150, POSC 150S,
 POSC 153, POSC 154, POSC 159, POSC 159S,
 POSC 160, POSC 160S, POSC 162/LNST 142,
 POSC 162S/LNST 142S,, POSC 164, POSC
 164S, POSC 165/POSC 165S, POSC 166, POSC
 167, POSC 168, POSC 170, POSC 173, POSC
 173S, POSC 182, POSC 186, PSYC 142, PSYC
 175, PBPL 102, PBPL 103, PBPL 129, PBPL
 132, PBPL 155/ECON 155/GSST 155, PBPL 160,
 PBPL 164, PBPL 171/ENGR 171, PBPL 172,
 PBPL 185, RLST 175, SOC 112, SOC 112S, SOC
 150, SOC 151, SOC 159, SOC 164, SOC
 176/BUS 176, TFDP 122

Track 6: International and Foreign Policy

ANTH 108, ANTH 119, ANTH 122, ANTH 127,
 ANTH 127S, ANTH 132, ANTH 136/SEAS 136,
 ANTH 136S/SEAS 136S, ANTH 140G, ANTH
 140I, ANTH 144N, ANTH 163, BUS 102, BUS
 114, BUS 138, BUS 154, BUS 178/ECON 178,
 ECON 103, ECON 171, ECON 173, ECON 173S,
 ECON 186, ECON 187/LNST 187, ENGR
 171/PBPL 171, GBST 104, GBST 110, GSST
 167, HISA 162/ LNST 172, HISA 165, HISA 166,
 HISE 123, HISE 146, HISE 148B, HISE 152,
 HIST 107, LNST 148/POSC 158, LNST
 188/POSC 161, MCS 124, POSC 109/RLST 173,
 POSC 120, POSC 123, POSC 124, POSC 124S,
 POSC 125, POSC 126, POSC 126S, POSC 127,
 POSC 127S, POSC 128, POSC 129, POSC 130,
 POSC 134, POSC 134S, POSC 135, POSC 136,
 POSC 136S, POSC 137, POSC 137S, POSC
 138/POSC 138S, POSC 151, POSC 151S, POSC
 153, POSC 154, POSC 155, POSC 155S, POSC
 157, POSC 157S, POSC 158/LNST 148, POSC
 159, POSC 159S, POSC 160, POSC 160S, POSC
 162/LNST 142, POSC 162S/LNST 142S, POSC
 163, POSC 163S, POSC 169, POSC 182, POSC

~~188, POSC 188S, PBPL 102, PBPL 129, PBPL 130/GBST 130, PBPL 171/ENGR 171, RLST 155/PHIL 155, RLST 173/POSC 109, SOC 135, SOC 135S, SOC 146, SOC 161, SOC 181, SOC 181S~~

3. Public Policy Seminar/Colloquia [no change]

During the junior and senior years, students must enroll in PBPL 191 (Seminar in Public Policy), which includes attendance at public lectures to the campus community given by outside speakers — typically policy makers, administrators and researchers — on timely and important policy issues facing the Inland Empire, the state, the nation, and the world.

JUSTIFICATION:

The proposed changes in the Public Policy minor will align its curriculum with the newly-proposed major curriculum. Rigorous and insightful analysis of public policies requires a combination of empirical analysis, institutional knowledge, and decision theory. The current curriculum overemphasizes institutional knowledge and underemphasizes empirical analysis.

The proposed changes to the core curriculum can be seen in lower and upper division courses. The lower division courses will comprise of PBPL 001, 002 004 rather than courses from other disciplines being allowed. We will then teach Public Policy students the common empirical methods routinely used by policy analysts who want to understand the societal impacts of policy. This new upper division core course, PBPL 100A, will teach students not only the techniques of empirical analysis but also the conceptual underpinnings of the methods that are needed to establish causality, a crucial requirement in public policy analysis.

The Public Policy major was reviewed by an external review team in 2022. One of the team's observations was that "...the very large set of upper-division elective courses offered by multiple departments throughout UCR may be less coherent than is ideal and pose logistical difficulties for students and staff in navigating the options." We agree. Our current upper division elective requirement provides too much flexibility and too little coherence. The proposed changes would rectify this by allowing students to choose from a much more limited set of course offerings, all of which focus on different aspects of policy and policy analysis. These courses are either taught by SPP faculty, so they reflect the knowledge and expertise of faculty engaged in policy research or they are courses cross-listed with other departments that may be primarily taught by non-SPP faculty who have expertise in policy research.

A bit of historical perspective will help put the proposed changes into context. The Riverside Division of the UC Academic Senate voted to move the Public Policy minor from CHASS to SPP effective Fall Quarter 2018. The current curriculum largely reflects the major's origin as a CHASS interdisciplinary major. SPP faculty needed a bit of time to determine how best to change the major to make it reflect preferred student outcomes for undergraduates in SPP. The arrival of Covid and a desire to wait for the outcome of the external review resulted in our waiting to make the proposed changes until now. These changes will create much better alignment between our undergraduate major, minor, our BA/MPP program, and the teaching, research, and outreach priorities of SPP faculty.

Approvals:

Approved by the SPP Undergraduate Committee:

January 21, 2023

Approved by the SPP Executive Committee:

February 24, 2023

Approved by Committee on Educational Policy:

April 10, 2023

**THE GRADUATE DIVISION AND EXECUTIVE
COMMITTEES OF THE COLLEGES
REPORT TO THE DIVISION
MAY 23, 2023**

To be received and placed on file:

Reports of Degrees Awarded - Fall 2022

Bourns College of Engineering	
Bachelor of Science:	77
College of Humanities, Arts and Social Sciences	
Bachelor of Arts:	250
Bachelor of Science:	13
College of Natural and Agricultural Sciences	
Bachelor of Arts:	5
Bachelor of Science:	115
School of Business	
Bachelor of Science:	79
School of Medicine	
Master of Science:	0
MD:	0
Doctor of Philosophy:	0
School of Public Policy	
Bachelor of Arts:	10

Report of Degrees Awarded – Winter 2023

Graduate Division	
Doctor of Philosophy:	53
Master of Arts:	10
Master of Business Administration:	41
Master of Education:	4
Master of Finance:	2
Master of Fine Arts:	1
Master of Professional Accountancy:	1
Master of Public Policy:	0
Master of Science:	104

The names of the candidates are filed in the official records of the Office of the Registrar.

S. Axelrod, Secretary-Parliamentarian
Riverside Division of the Academic Senate

Committee on Courses
Report to the Riverside Division
May 23, 2023

To be received and placed on file:

The Committee on Courses has approved the following courses.

<u>Action:</u>	<u>Course:</u>	<u>Cross-listed</u> <u>Course(s):</u>	<u>Title:</u>	<u>Units:</u>	<u>Course</u> <u>Renumbered:</u>
<i>Undergraduate Courses:</i>					
Change	ANTH 103S	MCS 103S	INTRO TO VISUAL ANTHROPOLOGY	5 Units	
Change	ART 001		BEGINNING DRAWING AND DESIGN	4 Units	
Change	ART 002		BEGINNING PAINTING AND DESIGN	4 Units	
Change	ART 003		INTRODUCTION TO PHOTOGRAPHIC PROCESSES	5 Units	
Change	ART 005		BEGINNING SCULPTURE AND THREE-DIMENSIONAL DESIGN	4 Units	
Change	ART 010		INTRODUCTION TO VIDEO AND TIME-BASED EXPERIMENTATION	4 Units	
Change	ART 066		INTRODUCTION TO THREE-DIMENSIONAL DIGITAL MODELING	4 Units	
Change	BUS 101		INFORMATION TECHNOLOGY MANAGEMENT	4 Units	
Change	BUS 105		PRODUCTION AND OPERATIONS MANAGEMENT	4 Units	
Change	BUS 112		CONSUMER BEHAVIOR	4 Units	
Change	BUS 114		MARKETING IN A GLOBAL ENVIRONMENT	4 Units	
Change	BUS 124A		BUSINESS ANALYTICS	4 Units	
Change	BUS 124B		ADVANCED BUSINESS ANALYTICS	4 Units	
Change	BUS 157		MANAGING WORK FORCE DIVERSITY	4 Units	
Change	BUS 181		BUSINESS MODELING AND OPTIMIZATION	4 Units	
Change	CHEM 125		INSTRUMENTAL METHODS	to 5 Units	CHEM 125W
Change	CHEM 140		ENVIRONMENTAL CHEMISTRY LABORATORY	4 Units	
Change	CHN 132		MEDICAL TRADITIONS IN CHINA AND GREECE	4 Units	
		AST 132; CLA 132; CPAC 132			
Change	CHN 141	CLA 141; CPAC 141; POSC 140; AST 145	MILITARISM AND HEGEMONY IN THE ANCIENT WORLD	4 Units	
		CPAC 143; CLA 143; RLST 143			
Change	CHN 143	CPAC 143; CLA 143; RLST 143	DIVINATION AND PREDICTION IN CHINA AND GREECE	4 Units	
Change	CLA 040		CLASSICAL MYTHOLOGY	4 Units	
Change	CRWT 057A		INTRODUCTION TO FICTION	4 Units	
Change	CRWT 130		BEGINNING CREATIVE NONFICTION	4 Units	
Change	CRWT 150		BEGINNING POETRY WORKSHOP	4 Units	
Change	CRWT 152		BEGINNING FICTION WORKSHOP	4 Units	
Change	CS 009C		C++ FOR PROGRAMMERS	2 Units	
Change	CS 061		MACHINE ORGANIZATION AND ASSEMBLY LANGUAGE PROGRAMMING	4 Units	
Change	CS 152		COMPILER DESIGN	4 Units	
Change	ECON 101		STATISTICS FOR ECONOMICS	5 Units	
Change	ECON 186	PBPL 186	POLICY EVALUATION IN DEVELOPMENT ECONOMICS	4 Units	
Change	EDUC 190		SPECIAL STUDIES	1 to 5 Units	
Change	EE 005		CIRCUITS AND ELECTRONICS	4 Units	
Change	EE 016		DATA ANALYSIS FOR ENGINEERING APPLICATIONS	4 Units	
Change	EE 020B		LINEAR METHODS FOR ENGINEERING ANALYSIS AND DESIGN USING MATLAB	4 Units	
Change	EE 030A		FUNDAMENTALS OF ELECTRIC CIRCUITS I	3 Units	
Change	EE 030B		FUNDAMENTALS OF ELECTRIC CIRCUITS II	4 Units	
Change	EE 030LA		FUNDAMENTALS OF ELEC CIRCUITS I LABORATORY	1 Unit	
Change	EE 100A		ELECTRONIC CIRCUITS I	4 Units	
Change	EE 100B		ELECTRONIC CIRCUITS II	4 Units	
Change	EE 106		PROGRAMMING PRACTICAL ROBOTS	4 Units	
Change	EE 115		INTRODUCTION TO COMMUNICATION SYSTEMS	4 Units	
Change	EE 120A	CS 120A	LOGIC DESIGN	5 Units	
Change	EE 123		POWER ELECTRONICS	4 Units	
Change	EE 144	ME 144	FOUNDATIONS OF ROBOTICS	4 Units	
Change	ENGL 020B		INTRODUCTION TO AMERICAN LITERARY TRADITION	5 Units	
Change	ENGL 033		LITERACIES FOR MULTIMODAL CONTEXTS	4 Units	
Change	ENGL 151C		STUDIES IN MEDIEVAL LITERATURE	4 Units	ENGL 151T
Change	ENGR 101 (E-Z)		PROFESSIONAL DEVELOPMENT AND MENTORING	1 Unit	
Change	ENGR 108	HIST 108	TECHNOLOGY IN THE PREMODERN WORLD	4 Units	HIST 108
Change	ENGR 180W		TECHNICAL COMMUNICATIONS	4 Units	
Change	FREN 109		MAIN CURRENTS IN FRENCH LITERATURE: SEVENTEENTH- AND EIGHTEENTH-CENTURIES	4 Units	FREN 109B
Change	HIST 017A		INTRODUCTION TO UNITED STATES HISTORY	4 Units	
Change	HIST 039		INTRODUCTION TO ASIAN AMERICAN HISTORY	4 Units	
Change	HIST 105		HISTORY OF SCIENCE, 1700-1900	4 Units	
Change	HIST 121		MIDDLE EASTERN HISTORY, 1200 TO 1800	4 Units	
Change	HIST 124		WOMEN IN MIDDLE EASTERN AND ISLAMIC HISTORY	4 Units	
Change	HNPG 199H		SENIOR HONORS RESEARCH	1 to 5 Units	
Change	KOR 020B		FIRST-YEAR KOREAN FOR HERITAGE LEARNERS	4 Units	
Change	ME 002		INTRODUCTION TO MECHANICAL ENGINEERING	4 Units	
Change	PHIL 108	GSST 108	PHILOSOPHICAL ISSUES OF RACE AND GENDER	4 Units	

Change	PHIL 134		PHILOSOPHY OF MIND	4 Units	
Change	PHIL 137		PHILOSOPHY OF SCIENCE	4 Units	
Change	PHIL 138		PHILOSOPHY OF AGENCY	4 Units	
Change	PHIL 139		PHILOSOPHY OF MATHEMATICS	4 Units	
Change	PHIL 161		ETHICS	4 Units	
Change	PHIL 164		JUSTICE	4 Units	
Change	POSC 196A		MOOT COURT A: LEGAL RESEARCH, WRITING, AND ADVOCACY	4 Units	POSC 196
Change	PSYC 049		TOPICS IN PSYCHOLOGY	4 Units	
Change	RLST 019	BLKS 019	BLACK RELIGION IN THE UNITED STATES	4 Units	
Change	RLST 115	BLKS 115	BLACK RELIGION AND ITS ANTI ICONS	4 Units	
Change	TFDP 021		INTRODUCTION TO LATINX CULTURAL PRODUCTION ON STAGE AND SCREEN	4 Units	
Change	TFDP 101		INTRODUCTION TO DESIGN	4 Units	
Change	TFDP 109		ACTING: THE PROCESS	4 Units	
Change	TFDP 110A		ACTING: FUNDAMENTALS	4 Units	
Change	TFDP 110B		ACTING: TECHNIQUES	4 Units	
Change	TFDP 111A		ADVANCED ACTING: SHAKESPEARE AND THE POWER OF LANGUAGE	4 Units	
Change	TFDP 111B		ADVANCED ACTING: ACTING WITH FACTS AND PLAYING WITH THE TRUTH	4 Units	
Change	TFDP 111C		ADVANCED ACTING: ACTING FOR THE CAMERA	4 Units	
Change	TFDP 111D		ADVANCED ACTING: THE BUSINESS OF ACTING	4 Units	
Change	TFDP 114		ACTING FOR WRITERS	4 Units	
Change	TFDP 117		DIRECTING FOR THE SCREEN	4 Units	
Change	TFDP 130A		PRODUCING SHORT EPISODIC CONTENT A	4 Units	
Change	TFDP 130B		PRODUCING SHORT EPISODIC CONTENT B	4 Units	
Change	TFDP 131		SOUND DESIGN FOR THEATRE, FILM, AND TELEVISION	4 Units	
Change	TFDP 132		LIGHTING DESIGN FOR THEATRE, FILM, AND TELEVISION	4 Units	
Change	TFDP 133		SCENE DESIGN FOR THEATRE, FILM, AND TELEVISION	4 Units	
Change	TFDP 135		COSTUME DESIGN FOR THEATRE, FILM, AND TELEVISION	4 Units	
Change	TFDP 143		SCENE PAINTING	4 Units	
Change	TFDP 150A		DIRECTING	4 Units	
Change	TFDP 156A		DIGITAL FILM PRODUCTION	4 Units	
Change	TFDP 156B		DIGITAL FILM PRODUCTION	4 Units	
Change	TFDP 157		INTRODUCTION TO FILM EDITING	4 Units	
Change	TFDP 159		DOCUMENTARY PRODUCTION	4 Units	
Change	TFDP 163		WRITING THE SHORT FILM	4 Units	
Change	TFDP 165		CREATING THE WEBSERIES	4 Units	
Change	TFDP 174		WRITING AND DRAMATURGY IN PRODUCTION	1 to 4 Units	
Discontinue	ARLC 158	CPLT 158; MEIS 158	ISLAM AND PSYCHOANALYSIS	4 Units	
Discontinue	CLA 165		GRECO-ROMAN CULTS AND CREDENCE	4 Units	
Discontinue	FREN 109A		MAIN CURRENTS IN FRENCH LITERATURE: MIDDLE AGES AND RENAISSANCE	4 Units	
Discontinue	FREN 109C		MAIN CURRENTS IN FRENCH LITERATURE: NINETEENTH-CENTURY	4 Units	
Discontinue	FREN 109D		MAIN CURRENTS IN FRENCH LITERATURE: TWENTIETH-CENTURY	4 Units	
Discontinue	TFDP 120C		LITERATURE AND HISTORY OF THE MODERN AND CONTEMPORARY THEATRE	4 Units	
Discontinue	TFDP 168		WRITING FOR THE FAMILY AUDIENCE	4 Units	
Discontinue	URST 021		INTRODUCTION TO ARCHITECTURE AND URBANISM	4 Units	
New	BCH 188		FUNDAMENTALS OF GENOMICS TECHNOLOGIES	3 Units	
New	BIOL 101		COMPUTATIONAL & DATA SKILLS FOR EVERYDAY BIOLOGY	4 Units	
New	BLKS 101		CRITICAL THEORIES OF GENDER, RACE, AND BLACKNESS	4 Units	
New	BLKS 112		THE MEDICINE SESSIONS: FUTURIST CYPHER TECHNOLOGIES	4 Units	
New	BLKS 118		BLACK POLITICAL THOUGHT	4 Units	
New	BLKS 123	SFCS 123	RECLAIMING THE DARK: BLACK LIFE IS SPECULATIVE FICTION	4 Units	
New	BLKS 131		BLACKNESS IN THE SOCIAL SCIENCES	4 Units	
New	BLKS 132		BLACK DIASPORA(S)	4 Units	
New	BLKS 144		ARTIST HEALERS: TRANS INDIGENOUS MEDICINE AND ART INTERSECTIONS	4 Units	
New	BLKS 193A		BLACK STUDY SENIOR CAPSTONE 1	4 Units	
New	BLKS 193B		BLACK STUDY SENIOR CAPSTONE 2	4 Units	
New	BPSC 184		PLANNING FOR A POSTGRADUATE CAREER IN LIFE SCIENCES	2 Units	
New	CRWT 057SA		INTRODUCTION TO FICTION	5 Units	
New	ECON 106		DATA ANALYSIS IN ECONOMICS	4 Units	
New	EDUC 145	BLKS 145	BLACK LANGUAGE IN SCHOOLS AND SOCIETY	4 Units	
New	ENSC 004		CLIMATE CHANGE IN CALIFORNIA	4 Units	
New	ENTM 123		OUTREACH AND SCIENCE COMMUNICATION IN ENTOMOLOGY	4 Units	
New	GSST 099		READING AND WRITING IN GENDER & SEXUALITY STUDIES	4 Units	
New	HNPG 198H		JUNIOR HONORS RESEARCH	1 Unit	
New	JPN 120		REMIEDIATING JAPAN: GENRE, ADAPTATION AND MEDIA FORMS	4 Units	
New	LBST 020W		WRITING ACROSS THE DISCIPLINES IN LIBERAL STUDIES	5 Units	
New	PHYS 112		GALAXIES AND EXTRAGALACTIC ASTRONOMY	4 Units	
New	PHYS 140L		TECHNIQUES OF OBSERVATIONAL ASTRONOMY	4 Units	
New	POSC 196B		MOOT COURT B: MOOT COURT COMPETITION	3 Units	
Graduate Courses:					
Change	BMSC 202		MOLECULAR BASIS OF DISEASE	3 Units	
Change	CHEM 221A	MSE 225B	ADVANCED ANALYTICAL CHEMISTRY: SEPARATION SCIENCE	3 Units	
Change	CHEM 221B		ADVANCED ANALYTICAL CHEMISTRY: OPTICAL SPECTROSCOPY	3 Units	
Change	CHEM 221C		ADVANCED ANALYTICAL CHEMISTRY: ELECTROCHEMISTRY	3 Units	
Change	CHEM 221D		ADVANCED ANALYTICAL CHEMISTRY: MASS SPECTROSCOPY	3 Units	

Change	CHEM 221E	ADVANCED ANALYTICAL CHEMISTRY: INTRODUCTION TO BIOANALYTICAL CHEMISTRY	3 Units	
Change	EDUC 216A	STRUCTURAL EQUATION MODELING	4 Units	EDUC 215C
Change	EDUC 216B	MULTILEVEL MODELING	4 Units	EDUC 215D
Change	EDUC 216C	CAUSAL MODELING IN EDUCATION	4 Units	EDUC 215F
Change	ENTX 201L	LABORATORY ROTATION	2 Units	
Change	POSC 292	CONCURRENT ANALYTICAL STUDIES IN POLITICAL SCIENCE	2 to 4 Units	
Discontinue	CPLT 276	SCIENCE MEETS THE FICTION	4 Units	
Discontinue	EDUC 215A	EDUCATIONAL RESEARCH: ADVANCED STATISTICS	5 Units	
Discontinue	EDUC 215B	FACTOR ANALYSIS	4 Units	
Discontinue	EDUC 215E	ADVANCED APPLICATIONS OF MULTILEVEL MODELING	4 Units	
Discontinue	EDUC 242C	APPLIED MEASUREMENT IN EDUCATION	4 Units	
Discontinue	PHIL 234	PHILOSOPHY OF MIND	4 Units	
Discontinue	PHIL 237	PHILOSOPHY OF SCIENCE	4 Units	
Discontinue	PHIL 238	PHILOSOPHY OF AGENCY	4 Units	
Discontinue	PHIL 239	PHILOSOPHY OF MATHEMATICS	4 Units	
Discontinue	PHIL 261	ETHICS	4 Units	
Discontinue	PHIL 264	JUSTICE	4 Units	
New	MGT 223	DIVERSITY AND REDUCING BIAS IN ORGANIZATIONS	4 Units	
New	PBPL 255	MAPPING FOR THE COMMON GOOD	4 Units	
New	PBPL 266	TRANSPORTATION POLICY	4 Units	
Professional Courses:				
New	ENTM 423	OUTREACH AND SCIENCE COMMUNICATION IN ENTOMOLOGY	4 Units	
Extension Proposals:				
Instructor	PHYS XR037	The Origins, Adrian Rivera Torres, M.Sc.		
Instructor	MGT X200.6	Essentials for Professional Development, Nidhi Shah, Ph.D.		
Instructor	MGT X200.7	Essentials for Professional Development, Jo Russo-Pereyra, M.P.A.		

**COMMITTEE ON COURSES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be received and placed on file:

The Committee on Courses has approved requests to allow the following instructors to teach upper division courses as indicated:

<u>INSTRUCTOR</u>	<u>DEPARTMENT/SCHOOL</u>	<u>LIMITS OF AUTHORIZATION</u>
Jian, D.	Business	BUS 147 S'23

**COMMITTEE ON COURSES
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

To be received and placed on file:

The Committee on Courses has approved the following course proposals for deletion, which have been listed in the General Catalog, but for at least four years, have not been offered, been offered with zero enrollment, or have been offered but canceled for deletion with the concurrence of the departments involved.

The following lists courses that were deleted and identified in the 2022-2023 Academic Year as part of the courses not offered for four or more year's process.

ARLC 158	CPLT 272	FREN 109A	PHIL 237	POSC 172
CLA 165	CPLT 273	FREN 109C	PHIL 238	
CPLT 158	CPLT 275	FREN 109D	PHIL 261	
	CPLT 276			

Courses scheduled to be approved for deletion:

CPLT 144	VNM 189	MUS 011	POSC 135	MATH 137
		MUS 013	POSC 152	MATH 141
		MUS 172	POSC 156	MATH 202
		MUS 178		MATH 211b
		MUS 251		MATH 216B
		MUS 264		MATH 217
				MATH 222
				MATH 233

Courses previously approved for deletion:

CHN 025	ITAL 125G	PHIL 231	MATH 002
CHN 105	ITAL 125S	PHIL 232	
CHN 108	ITAL 125T	PHIL 233	
CPLT 015	JPN 010A	PHIL 235	
CPLT 018	JPN 010B	PHIL 251	
CPLT 117/JPN		PHIL 252	
117		PHIL 259	
CPLT 178			
CPLT 219			

The following lists courses that were deleted and identified in the 2021-2022 Academic Year as part of the courses not offered for four or more year's process.

EDUC 242C

Courses scheduled to be approved for deletion:

EDUC 335B	URST 178
EDUC 335C	URST 182
	URST 184

Courses previously approved for deletion:

CHEM 092	CHEM 202	EDUC 230A	EDUC 258R	URST 172
CHEM 13HA	CHEM 264	EDUC 230B	EDUC 274	
	CHEM 281	EDUC 247	EDUC 289	
		EDUC 249	EDUC 295A	

**COMMITTEE ON UNIVERSITY EXTENSION
REPORT TO THE RIVERSIDE DIVISION
MAY 23, 2023**

DEPT	COURSE	TITLE	INSTRUCTOR FIRST NAME	INSTRUCTOR LAST NAME	INSTRUCTOR DEGREE	TYPE OF APPROVAL	APPROVED
CHEM	X442					C	04/06/23
CS	X458.01	Introduction to Teaching Computer Science	Doolittle	Andrew	B.S.	I*	04/06/23
CS	X458.02	Programming and Integration of CS into STEAM Teaching	Doolittle	Andrew	B.S.	I*	04/06/23
		Development of Integrated CS and STEAM Curriculum with					
CS	X458.03	Physical Computing	Doolittle	Andrew	B.S.	I*	04/06/23
CS	X458.04	Computer Programming in C	Doolittle	Andrew	B.S.	I*	04/06/23
CS	X458.05	Data Structures and Software Design	Doolittle	Andrew	B.S.	I*	04/06/23
		Contents and Methods for Teaching Advanced Placement English					
ENGL	X410.9	Language for New and Advanced Teachers				C	04/06/23
		Content and Methods for Teaching Advanced Placement English					
ENGL	X410.9	Language for New and Advanced Teachers	Shawna	Lynch	Ed.D.	I	04/06/23
		Content and Methods for Teaching Advanced Placement U.S.					
HIST	X475.5	History	John	Irish	D.L.S.	I*	04/06/23
		Contents and Methods for Teaching Advanced Placement					
MATH	X435.03	Precalculus				C	04/06/23
MATH	X435.03	Content and Methods for Teaching Advanced Placement Precalculus	Michael	Little Crow	M.S.	I*	04/06/23
MGT	X200.6	Essentials for Professional Development	Nidhi	Shah	Ph.D.	I	04/19/23
MGT	X200.6	Essentials for Professional Development	Jo	Russo-Pereyra	M.P.A.	I	04/19/23
MGT	X409.51	Managerial Decision Making: Operations and Decision Analysis	Nicolas	Fiore	M.B.A.	I	04/06/23
MGT	X421.5	Intrapreneurship	Nicolas	Fiore	M.B.A.	I	04/06/23
MGT	X422.5	Entrepreneurial Sales and Marketing	Nicolas	Fiore	M.B.A.	I	04/06/23
MGT	X422.6	Finance for Entrepreneurs	Nicolas	Fiore	M.B.A.	I	04/06/23
MGT	X422.7	Managing Entrepreneurial Operations	Nicolas	Fiore	M.B.A.	I	04/06/23
MGT	X427.03	Financing Your Business	Nicolas	Fiore	M.B.A.	I	04/06/23
PHYS	XR037	The Origins	Adrian	Rivera Torres	M.Sc.	I*	04/19/23
PSYC	X458	Contents and Methods for Teaching Advanced Psychology	Jeanne	Turner	M.Ed.	I*	04/06/23

* Denotes first time approval for Instructor

ASSEMBLY REPRESENTATIVE REPORT

By David Biggs

February 8, 2023

NOTE: Neither I nor Peter Chung could attend this meeting. Attending was Senate Chair Sang Hee Lee. The following report is derived from the Meeting Minutes. (The full minutes were attested by Senate Chair Susan Cochran and approved at the April 19th Meeting.)

The Assembly of the Academic Senate met on Wednesday, February 8, 2023. Senate Chair Susan Cochran presided and called the meeting to order at 10:00 am. Senate Executive Director Monica Lin called the roll of Assembly members and confirmed a quorum.

ACTION: The Assembly approved the minutes of December 8, 2022.

ANNOUNCEMENTS:

January Regents Meetings: Chair Cochran's remarks to the Regents touched on the importance of UC's research doctorate training mission and faculty concerns about the sustainability of the University's graduate funding model.

5% Increase. The Regents discussed the 2022 budget compact with the governor that funds 5% annual increases to UC core funding for five years, contingent on UC progress toward goals related to increased undergraduate and graduate enrollment, student success and equity, affordability, transfer, workforce preparedness, and online course offerings.

State Budget: The governor's 2023-24 proposed budget funds the compact and provides UC with \$30 million to help three campuses reduce nonresident enrollment to meet an 18% enrollment target. The Regents' Investments Committee discussed losses in the UC investment portfolio that are consistent with the larger downturn in the investment markets.

Transfers: Chair Cochran and Vice Chair Steintrager met with their California State University (CSU) and California Community Colleges (CCC) counterparts on the Intersegmental Committee of Academic Senates. ICAS has been discussing several issues related to undergraduate transfer, including large enrollment declines at the CCC, which have reduced transfer applications to UC and CSU and affected UC's ability to meet the 2:1 freshman to transfer target ratio for undergraduate enrollment. UC and CSU are also under pressure to simplify and align their transfer requirements. The proposed state budget includes a trailer bill requiring UCLA to participate in the Transfer Admission Guarantee (TAG) program and accept Associate Degrees for Transfer from CCC students seeking transfer to UCLA. UC Senate leaders have noted that a UCLA TAG is likely to privilege the top CCC feeders to UC and yield fewer transfer slots for non-TAG students, leaving CCC students—particularly those from underrepresented groups—with even less access to UCLA.

Academic Council: At its January meeting, the Council approved sending forward systemwide Senate reviews of a proposed [Presidential Policy on Vaccination Programs](#) and proposed revisions to the [Presidential Policy on Sustainable Practices](#); a [joint UCPB-UCFW letter](#) making recommendations about a 2023-24 faculty salary plan; and UCFW requests for 1) a new [study of total remuneration](#) for UC faculty and staff and 2) a [comprehensive benefits survey](#) of UC employees.

Labor Matters: Earlier this month, UCOP sent the campuses attestation forms for distribution to faculty and union members who withheld labor during the strike. The United Auto Workers (UAW) is asking the University to document how much pay the University will withhold before supporting the effort, and very few forms have been returned. Senate leadership has lobbied the administration to consider that faculty who have submitted grades have discharged their duties and do not need to complete the forms.

The new UAW contracts have serious budgetary and enrollment implications. The projected gap in graduate student funding could lead to reductions in graduate student researcher (GSR) and teaching assistant (TA) positions, fewer opportunities for graduate student admission and employment, and higher faculty instructional workloads. These outcomes threaten UC's public mission.

Faculty will need to adjust to a new relationship with student employees, who are now represented, and in which contractual rules around engagement apply. They will need to consider how to separate and delineate the part-time labor of student employees from their role as students.

Discussion:

- Assembly members expressed concern that PIs and departments will be responsible for absorbing the higher cost of the new graduate student contracts.
- Members noted that the absence of funding increases for TA support will increase workload for existing TAs and for faculty.
- Members noted that the University needs a more sustainable graduate funding model that considers the higher cost of the contracts and the different needs and capacities of individual campuses to adapt.
- Chair Cochran encouraged faculty to seek guidance from campus administrators and to be vocal about their needs.

IV. REPORTS OF STANDING COMMITTEES

A. Academic Council

1. Proposed Revisions to Senate Regulations 610 and 630

At its January 25, 2023 meeting, following a systemwide Senate review, the Academic Council approved revisions to Senate Regulations 610 and 630. The revisions were proposed by the University Committee on Educational Policy (UCEP) to update the residency prerequisite for an undergraduate bachelor's degree. The revisions add a new Regulation 630.E, which reframes the residency requirement as the "campus experience requirement" and requires freshman and transfer undergraduates to complete a minimum of six units of

in-person courses during a quarter/semester for one year, with the in-person course defined as having at least 50% of instruction occur face-to-face. The revisions also amend the definition of residency in Senate Regulation 610 to align with the new SR 630.E.

Discussion:

- Assembly members noted that implementing the regulation could require a significant change at campuses that do not track the percentage of instruction delivered online and in-person in a given course.
- Chair Cochran responded that all campus registrars now track online courses to meet the state budget compact requirement to increase online course offerings.

ACTION: A motion to approve the revisions to Senate Regulations 610 and 630 was made, seconded, and passed in a voice vote.

V. ANNOUNCEMENTS BY SENIOR UNIVERSITY LEADERS

Pandemic: President Drake noted that Covid-related hospitalizations are trending down compared to a similar period in each of the past two years.

Labor: President Drake expressed appreciation for the faculty's efforts to support the progress of undergraduates during the academic student employee strike and to begin making adjustments in response to the new contract. The contract provides better support for student workers who were experiencing financial challenges, and it enhances the University's competitive position in graduate student recruitment.

The new contracts compound existing labor expense challenges across the UC enterprise. Some faculty will struggle to meet the financial obligations of the new contract.

Budget: The University is pleased that the governor is honoring the budget compact by including a 5% increase in his proposed 2023-24 budget. President Drake recently met with a group of state legislative leaders who also expressed their support for UC. President Biden's State of the Union address mentioned a plan to increase the maximum Pell Grant by \$500 to \$7,300 for the 2023 fiscal year and to expand eligibility for the 2024-25 fiscal year. These policies will support UC's efforts to ensure affordable pathways to a high-quality education.

CFO Brostrom added that the University's rating agencies recently reaffirmed UC's AA rating in anticipation of a \$2.5 billion bond issue, citing UC's excellence, burgeoning demand, and financial stability.

Discussion:

- Assembly members noted that the circulation of attestation forms has upset and confused some faculty and graduate students, who have so far submitted only a few forms with usable information.
- Assembly members expressed concern about the long-term stability of graduate programs under the new contracts.

- President Drake noted that one of the most challenging aspects of graduate student unionization relates to the faculty's new relationship with students as employees. He said the University wants to balance student educational needs with workforce needs in ways that support educational quality and maintain stability.

Remarks from Provost Newman: Provost Newman said it was UC's excellence and research impact that attracted her to the position of systemwide Provost and Executive Vice President. She noted her commitment to supporting the creation of debt-free degree pathways, growing the faculty, and emphasizing diversity in enrollment and hiring. She said the strike has inspired reflection about the current funding model for graduate education and higher education more broadly.

- Assembly members noted that UC has a special role in academic graduate education and PhD production. Determining the "right size" for PhD enrollments at UC should consider the needs of California and the nation. Provost Newman responded that there is no one-size-fits-all answer to PhD enrollment that would apply across all campuses and disciplines.

The meeting adjourned at 12:30 pm

ASSEMBLY REPRESENTATIVE REPORT

By David Biggs

April 19, 2023

Attending from UCR: Sang Hee Lee (Senate Chair) and David Biggs (Assembly Representative).

I. ROLL CALL OF MEMBERS

Academic Senate Chair Susan Cochran presided and called the meeting to order at 10:00 am.

II. MINUTES

ACTION: The Assembly approved the minutes of February 8, 2023.

III. ANNOUNCEMENTS BY SENATE LEADERSHIP

- **Susan Cochran, Chair**
- **James Steintrager, Vice Chair**

Faculty Salaries: President Drake announced that contingent on the 5% allocation currently in the state budget, the University will implement a 4.6% general range adjustment to the faculty salary scales effective October 1, 2023. The president declined two requests made by the Academic Council to implement the increase on July 1 and to apply the increase to off-scale salary components.

UC Regents: The Regents Health Services Committee has been focusing on aligning Regents Policy 4405 (which asserts that “Agreements with covered health organizations must recite...the University’s commitment to non-discrimination and evidence-based care”) with the Interim Presidential Policy on Affiliations with Certain Healthcare Organizations. At issue are the Ethical and Religious Directives used by some of UC’s affiliated partners to limit access to women’s hospital-based reproductive health care and gender-affirming care.

Legislation: The Senate is collaborating with UC State Governmental Relations on talking points for engaging the state legislature. Recently, the Senate responded to a proposed budget trailer bill that would require UC to establish a transfer admission guarantee program for California Community College (CCC) students with an Associate Degree for Transfer. The Senate presented an alternative proposal that guarantees UC admission to any California resident CCC transfer applicant who completes both the Cal-GETC general education sequence and a UC Transfer Pathway with an acceptable GPA. This proposal has received positive feedback from the UC administration and members of the state assembly.

The Senate opposes the notion that admission preparation should be identical for UC and CSU and is pushing back strongly against it.

Discussion:

- An Assembly member raised concern that cost-of-living adjustments (COLAs) for retirees receiving a pension do not always match inflation.
- Another Assembly member noted that faculty are concerned about how the University will approach the next round of negotiations with UAW.

IV. REPORTS OF STANDING COMMITTEES

Proposed Revisions to Senate Regulations on Undergraduate Admission

Earlier this year, the Senate’s Board of Admissions and Relations with Schools (BOARS) recommended conforming amendments to Senate regulations on undergraduate admissions to align them with several Board of Regents policy actions, including the May 2020 decision to remove the standardized testing requirement from the Comprehensive Review criteria, and a larger Regents Office project that consolidated the Regents Standing Orders and several policies relating to undergraduate admissions into one comprehensive policy. Most of the changes were not substantive and served to update and modernize the policy framework. The Academic Council approved the proposed amendments to Regulations 419, 428, 440, 450, 452, 464, and 465, and a new Regulation 467 at its March 29 meeting, following a systemwide review.

In response to questions from Assembly members, BOARS Chair Knowlton noted that the existing “compare favorably” standard, newly codified as Regulation 467, assesses the extent to which nonresident domestic and international students admitted to a UC campus are as qualified as California residents admitted to the campus. The amendments also help clarify that the A-G requirements apply to California residents and include appropriate flexibility to accommodate any future reconsideration of standardized tests.

ACTION: A motion to approve the revisions was made, seconded, and passed.

Amendments to Senate Regulation 636 (Entry Level Writing Requirement)

In the 2021-22 academic year, the Academic Council charged an Entry Level Writing Requirement (ELWR) Task Force with collecting and analyzing campus ELWR data, considering questions related to ELWR placement, and developing recommendations for updating Senate Regulation (SR) 636.

The ELWR Task Force report recommended principles to guide campus ELWR placement methods, and a proposal to update SR 636 to reflect the principle of the ELWR as an instrument of equity and inclusion and to establish an ELWR Oversight Committee to advise the University Committee on Preparatory Education (UCOPE) on the use of the ELWR.

In November 2022, the Academic Council asked UCOPE to review the feedback from the review and advise the Council about the recommendations and a new revision to SR 636. At

its February 22, 2023 meeting, the Academic Council accepted these recommendations and endorsed the revision to SR 636.

ACTION: A motion to approve the revisions was made, seconded, and passed.

Adoption of the American Institute of Parliamentarians Standard Code of Parliamentary Procedure as the Assembly's rules to govern questions of order not covered by Senate legislation

The University Committee on Rules and Jurisdiction (UCRJ) has recommended that the Assembly update its 2004 policy to account for the 2012 version of the *AIPSC*, and that the Assembly eliminate the 2004 carve-out for the Division of a Question to maintain consistency with other parts of the *AIPSC*, and given that the 2012 *AIPSC* has revised its approach to Division of a Question to align more closely with Robert's Rules. These changes were endorsed by the Academic Council at its March 2023 meeting.

ACTION: A motion to approve the revisions was made, seconded, and passed.

IV. ANNOUNCEMENTS BY SENIOR UNIVERSITY LEADERS

- **Michael Drake, President**
- **Katherine Newman, Provost and Executive Vice President**

Pandemic: President Drake noted that Covid-related hospitalizations at UC medical centers have reached their lowest level in three years.

Strike Aftermath: The University is facing multiple unfair labor practice complaints that were filed by the UAW. Some of these complaints relate to “direct dealing” communication, which the University argues are communications necessary for them to provide administrators with accurate information. Additionally, some individual grievances have been filed alleging that faculty members unfairly determined that students had made unsatisfactory academic progress as retaliation for participating in union activities. The University is emphasizing that it is ultimately up to faculty and the University, not the union, to decide what qualifies as satisfactory academic progress. The president said the University is doing what it can to address increased costs associated with the new contracts, and he encouraged faculty to communicate needed supports.

Legislature and Legislation: President Drake is scheduled to appear at a hearing in Sacramento next week, where he will request that the legislature preserve the Governor's commitment to a 5% base budget increase and report on the University's efforts to ensure a smooth implementation of the new graduate student worker contracts. The president will also request that the legislature ease some of the more challenging requirements in several proposed bills. For instance, Senate Bill 27 suggests methods to monitor and enforce UC and UC vendor compliance with an AFSCME contract provision requiring vendors supplying services to UC to provide pay and benefits to their employees equal to what UC employees receive for performing the same work. UC is apprehensive that the bill will make it more challenging to find labor in certain situations, and notes that it has already spent 20,000 worker hours conducting a required audit of vendor compliance. Additionally, UC is concerned that State Assembly Constitutional Amendment (ACA) 6, which would require

UC to adhere to California labor law concerning its employees, including graduate student workers, would increase costs and weaken UC's constitutional autonomy.

- Assembly members encouraged administrators to be sensitive to how new internal UC policies may impose unfunded mandates on campuses and burden faculty and staff with unnecessary compliance and regulatory requirements.
- President Drake responded that he is sensitive to how new regulations and policies may distract the University from its main missions to teach, do research, provide patient care, and uplift communities. And he considers new policies and regulations in light of their ability to support these missions. Provost Newman added that UCOP plans to add a new requirement that all policy proposals include an analysis of financial and staffing impact.

Provost Newman has been visiting the campuses, UCDC, and the UC Center in Sacramento, to meet with Academic Senate colleagues, administrators, and student groups. These visits provide a chance to talk with faculty face-to-face and are a great benefit in helping her understand where the work really gets done.

Transfer: Provost Newman stated that the University is committed to supporting the state's goal of increasing degree attainment and recognizes the importance of community college students obtaining associate degrees that prepare them for successful transfer to UC and CSU. She noted that several new transfer initiatives will have positive impacts. First, UC, CSU, and California Community Colleges (CCCs) have collaboratively developed the Cal-GETC, a shared general education curriculum for transfer students that will consolidate transfer preparation requirements for CCC students into a single course pattern. Second, UC has proposed a transfer admission guarantee to any CCC transfer applicant who completes both the Cal-GETC and a UC Transfer Pathway. Finally, the University has received support for a proposal to establish a UC transfer referral pool that serves three distinct regions in California through referrals to UCR, UCSC, and UCM.

Academic Labor: Provost Newman announced that the University will be implementing the first set of range adjustments for Academic Student Employees and Graduate Student Researchers, per the new UAW contract. Any top-ups will be converted into wages and subsumed into the new salary scales to create a more generous and uniform set of scales. While UCOP acknowledges the need for increased support for graduate students, it also recognizes the significant financial consequences for campuses. President Drake has asked chancellors to provide support for cost increases where possible and is open to providing systemwide support to campuses with fewer resources. The provost plans to convene a multi-campus congress on graduate education at UCLA this summer to explore innovative ideas for adjusting to changes in the academic labor market and supporting UC graduate students. She hopes that UC will take the lead in developing effective solutions that support both faculty teaching and research and ensure that graduate students can thrive.

V. REPORTS OF STANDING COMMITTEES (CONTINUED)

Nomination and Election of the Vice Chair of the 2023-24 Assembly

Chair Cochran introduced Steven Cheung, UC San Francisco Professor of Otolaryngology, and the Academic Council's nominee for 2023-24 Assembly vice chair and 2024-25 chair of

the Academic Council. At Chair Cochran's invitation, Professor Cheung made a statement regarding his background, qualifications, and priorities, and then briefly left the meeting. Chair Cochran asked for any additional nominations from the floor, and hearing none, asked for any objections to Professor Cheung's nomination. Hearing none, she asked for a motion to approve his election. Hearing the motion and a second, Assembly voted to elect Professor Cheung as 2023-2024 Assembly vice chair and vice chair of the Academic Council.

ACTION: The Assembly voted to elect Steven Cheung vice chair of the 2023-24 Assembly.

The meeting adjourned at 12:20 pm

**COMMITTEE ON DISTINGUISHED CAMPUS SERVICE
NOMINATION FOR THE 2022-2023 DISTINGUISHED CAMPUS SERVICE AWARD**

Chinya Ravishankar (Ravi)

The Academic Senate Committee on Distinguished Service is pleased to nominate Professor Chinya Ravishankar (Ravi) of the Department of Computer Science and Engineering for this year's award. Our nomination is based on Professor Ravishankar's sustained and significant service to his department, the Bourns College of Engineering, and the campus, for more than 23 years. This service has had a very large impact as UCR has developed a strong college of engineering in a relatively short time.

Perhaps Ravi's most important contributions were during his 17 years as Associate Dean of the BCOE, overseeing first undergraduate and then graduate education and research in the college, and outreach (among other duties). This is probably the longest (or certainly one of the longest) terms of any Associate Dean in the history of UCR. One of his nominators writes, "His contributions in this role have been outstanding, and have played a crucial role in enabling the impressive achievements of our [students], faculty, and staff." Another writes that Ravi has played an "outsized role" in the development of the BCOE, and an additional nominator writes, "Over the years, it was exciting to see the growth of the college and the energy of positive self-esteem ...that was, in many ways, catapulted from Ravi's efforts." His outreach efforts have been creative (he started the "Bourns Identity" branding initiative), and he has succeeded in helping to create an attractive brand for the BCOE in the eyes of potential students, including those who add to the diversity of the college and campus. Ravi's impact on the Bourns College of Engineering has been remarkable, contributing to its impressive rise in regional and national standing.

Ravi's dedication to increasing the diversity of BCOE's students, important in engineering fields that are less diverse than society at large, has included outreach with professional societies, such as Graduate Education for Minorities Consortium, Society of Women Engineers, Society of Hispanic Engineers, National Society of Black engineers, and others.

Professor Ravishankar's campus service has also been exemplary. Even though, in accordance with Senate policy, he was not asked to serve on as many standing committees during his 17 years as Associate Dean, Ravi has however served on an extraordinary number of ad hoc committees and task forces constituted by the campus and Senate connected with educational issues, campus design, academic facilities renovation, and many other areas too numerous to mention. Additionally, Ravi has served on major executive search committees for positions throughout the various colleges in the campus.

One of the nominators writes, "In summary, ... Professor Ravishankar's service record at UCR reflects the highest level of dedication and effort, as well as concrete achievement." The committee wholeheartedly agrees.

COMMITTEE ON DISTINGUISHED TEACHING

NOMINATION FOR THE 2022-2023 DISTINGUISHED TEACHING AWARD

The Committee on Distinguished Teaching is pleased to nominate two outstanding educators as co-recipients of the 2022-2023 Distinguished Teaching Award. Both have demonstrated exemplary commitment to excellence in teaching and mentorship at UCR.

Dr. Richard J. Hooley

Professor Richard Hooley joined UCR's Department of Chemistry in 2008. He runs a productive, extramurally funded research program investigating self-assembled cage systems in biomimetic catalysis, and in applications of shape-selective water-soluble receptors to biosensing.

Dr. Hooley has primarily taught Organic Chemistry (CHEM 008A/B), Organic Chemistry Laboratory (CHEM 008LA/B/C), Advanced Organic Chemistry (Chem 166), Advanced Spectroscopic Analysis (Chem 216A/211D), Honors Organic Chemistry (Chem 124H), and Advanced Synthetic Analysis (Chem 211C). He has revamped, modernized, and streamlined the curriculum in several of these. Student evaluations praise Prof. Hooley's organization and dedication, ability to explain difficult concepts, his clarity, and his overall enthusiasm for teaching. Students especially appreciate his efforts to provide them with supplemental materials that facilitate their learning. Remarkably, numerous students praise Prof. Hooley's teaching abilities while simultaneously noting the difficulty and rigor of his courses, with comments such as "I was terrified of what to expect from O-Chem, but Hooley was especially helpful at explaining everything. In addition to his lectures, the learning modules were an excellent way of testing our knowledge," "By far my favorite professor thus far at UCR. He clearly explained all of the content and course materials in class, and use of supplemental videos before lecture helped me understand," and "the supplementary material he provided was top notch and was EXTREMELY useful."

From 2012-2019, Dr. Hooley and colleagues in Chemistry have received education grants from the ILTI and National Science Foundation totaling over \$550,000 for pedagogical innovation in high-enrollment lower-division Organic Chemistry classes (typically 200-300 students). Pedagogical innovations included active learning, real-world case-study methodology, the writing of open-ended essays, and improvements in solving open-ended problems. The effectiveness of his active learning modules was demonstrated by an assessment over 8 CHEM 008A/B sections, representing over 2000 students, showing that students who perform well on Dr. Hooley's modules average 30-60 points higher on the final exam than those who do poorly, irrespective of overall student GPA.

Dr. Hooley is active in mentoring diverse students in research. He has mentored 32 undergraduate researchers, 27 of whom are female, seven African American, and five Hispanic. These students have gone on to chemistry and biomedical sciences PhD programs at institutions such as Duke and UCSD and medical schools such as UCLA and UCSF. He has also mentored 24 graduate students, 13 of which are female.

The Committee was impressed by Dr. Hooley's consistent devotion to pedagogical improvement, curricular development, and mentorship, to the challenging mission of teaching lower-division Organic Chemistry to over 4000 students to date, and to his extensive service and outreach activities in chemistry education.

COMMITTEE ON DISTINGUISHED TEACHING

NOMINATION FOR THE 2022-2023 DISTINGUISHED TEACHING AWARD

The Committee on Distinguished Teaching is pleased to nominate two outstanding educators as co-recipients of the 2022-2023 Distinguished Teaching Award. Both have demonstrated exemplary commitment to excellence in teaching and mentorship at UCR.

Dr. Raquel M. Rall

Associate Professor Raquel Rall joined UCR's School of Education in 2016 and has made an exceptional impact in her 7 years here. Her research concerns postsecondary leadership and governance, illuminating the centrality of concepts such as equity, diversity, and inclusion in postsecondary decision-making. She has been successful in integrating undergraduate and graduate students into her research and publications.

Dr. Rall introduced to the School of Education four new courses in higher education governance: *EDUC 248G, Higher Education Governance*; *EDUC 051, Intro to Higher Education: Current Issues and Debates*, for which she obtained an Innovative Learning Technology Initiative (ILTI) grant; *EDUC 151, (Wo)men who Control the University: Leadership, Administration, and Governance in Higher Education*, one of the first upper-division courses to focus on leadership and governance, and which is centered on women; and *EDUC 019N, Black Brilliance Matters*, a course which one of her 75 students in its first offering said "This was such an inspiring class; it made me want to learn more about Black brilliance and find ways to amplify black voices within education." She also developed the School of Education's freshman introductory seminar that is now a well-established part of the program. Dr. Rall's evaluations have scored impressive 4.8-5.0 averages for Instructor Effectiveness and earned comments such as "one of the greatest professors I've had at UCR," "always willing to listen and involve fully the classroom in conversation," and that she "was a joy to learn from."

In addition to excellence in teaching, Dr. Rall is Major Advisor to 4 PhD students and 3 M.Ed students, to whom she has provided financial assistance and mentorship through her grants, and served as Major Advisor to 7 M.Ed students and has served as a member of 9 doctoral committees and 10 MA committees. Through her affiliation with the Council of African American Parents and African Student Programs, Dr. Rall also informally mentored 10 undergraduates. She also serves as Program Director of the SOE's Black Community Education Promise Scholars Program, which provides mentorship and financial support to students who wish to serve the Black community through education. One of her former MA students said that Dr. Rall "truly develops her students into leaders and thinkers that can make a lasting impact within their given fields, their communities, and beyond."

In awarding Dr. Rall the Distinguished Teaching Award, the Committee was highly impressed by Dr. Rall's outstanding teaching, mentorship, and DEI contributions, along with the incredibly strong letters of support from her departmental colleagues and a total of 32 students who co-wrote testimonials for her nomination.

The 2022/23 awardees of the Doctoral Dissertation Advisor/Mentor award recipients are: (1) Theodore Garland, and (2) Michael Nelson

(1). Theodore Garland, Jr.; Distinguished Professor of Evolution, Ecology, and Organismal Biology

Theodore Garland, Jr. is a Distinguished Professor in the Department of Evolution, Ecology and Organismal Biology at UCR. He is the director and PI of the Garland Laboratory and co-Associate Director of the Network for Experimental Research on Evolution (NERE). With a doctoral degree (1985) from University of California, Irvine, Professor Garland's illustrious career at UCR began in the 1980s. His research focuses on the study of the evolution and adaptation of behavior within neurobiology, physiology and anatomy. He has published 8 books, over 345 individually and co-published journal articles, several videos, editorials and is coeditor of several publications. His work enables insight into the motivation that underlies volunteer exercise in humans.

Professor Garland was nominated for the 2022/23 Doctoral Dissertation Advisor/Mentor Award by his current and former graduate students as well as faculty colleagues. The letters recognize and strongly recommend Professor Garland as a dedicated, effective, compassionate teacher-and-mentor whose enthusiasm for his graduate students' successes illuminate his "long history of effective teaching and mentoring" at UCR. Over the years, he has served as the chair or member of many doctoral dissertation committees. And, students from the Garland Lab have gone on to build prominent careers as teachers and researchers nationally and internationally. His students and faculty colleagues cite him as a generous teacher-scholar-mentor who directs the "most diverse lab." That diversity enhances collaboration in the Garland Lab and continues to reflect his ability to build and maintain research partnerships across nationalities, gender, race and different, enabling and progressive intellectual and research environments. These letters also refer to his deliberate and effective efforts to encourage students' academic and life successes during the pandemic.

The Graduate Division and the Academic Senate would like to join his students and faculty colleagues to recognize and congratulate Professor Theodore Garland on an outstanding accomplishment as doctoral dissertation advisor and mentor and thank him for his continuing passionate and intellectual support of graduate students.

(2) Michael Nelson; Associate Professor of Philosophy

Michael Nelson is Associate Professor and the Director of Graduate Admissions in UCR's Department of Philosophy. He earned his doctoral degree from Princeton University (2002). Before joining the UCR faculty 16 years ago, Professor Nelson taught as a visiting assistant professor at the University of Arizona and as an assistant professor at Yale University. His research interests include philosophy of language, metaphysics and agency theory. His research work focuses on issues of philosophy of language and philosophy of the mind within which he examines theories of communication and successful outcomes between speaker and audience(s).

Professor Nelson's work at UCR has garnered extensive recognition and acclaim by his current and former graduate students as well as faculty colleagues whose letters of nomination for the 2022/2023 Doctoral Dissertation Advisor/Mentor Award cite him as a teacher-scholar-mentor whose work and presence 'evoke trust' because he encourages students' individual visibility in ways that render invisible disabilities as actionable, recognizable and addressable 'features' within an academic system that privileges ability in all its forms. Accolades from faculty colleagues cite his untiring and excellent service as chair or member of dissertation and related graduate students' academic advancement committees. Current and former graduate students refer to Professor Nelson as an open-minded, graceful, kind and responsive mentor to the needs and ambitions of mentees. They assert that his work stands apart because he always finds ways to adjust his skills to fit "mentees circumstances and needs." The letters applaud Professor Nelson's mentoring excellence that is evident in the welcoming environment he creates and maintains for new students, his attentiveness to the academic and life needs of graduate students and his successes with job placements of the program's students over the years. Faculty colleagues and graduate students acclaim Nelson's work that continues to create, support and assist with advancing the program's diverse academic student population. And, with students' origins from underrepresented groups, first generation and international students, they recognize his graceful service as "integral to program's successes."

The Graduate Division and the Academic Senate would like to join Professor Michael Nelson's students and faculty colleagues to recognize and congratulate him on his brilliant and superior work as doctoral dissertation advisor and mentor and thank him for his continuing passionate and intellectual support of graduate students.

**Committee on Faculty Research Lecturer Report to the Riverside Division
May 23, 2023**

**Nomination of Distinguished Professor Ashok Mulchandani for 2023-24 Faculty Research
Lecturer**

From its inception nearly seventy years ago, the Faculty Research Lecturer Award has been the highest honor that the Academic Senate bestows. This year we received three outstanding nominations from our campus, and we are delighted to place in nomination Dr. Ashok Mulchandani, Distinguished Professor of Chemical and Environmental Engineering and W. Ruel Johnson Chair Professor in Environmental Engineering.

He began his academic career at UCR in 1991 as a founding faculty member of the Bourns College of Engineering, and during the subsequent thirty-two years he has played a central role in developing the Chemical Engineering B.S. degree, including its curriculum and course syllabi, as well as creating undergraduate teaching laboratories, teaching a half-dozen new/first time courses, and recruiting faculty. As one evaluator expressed it, his “pioneering work over the past three decades is a major reason that the Chemical and Environmental Engineering Department and the Bourns College of Engineering have risen to national and international prominence.”

Yet, despite all these organizational exertions, Professor Mulchandani simultaneously established an extremely successful and vibrant research program, one for which he is recognized nationally and internationally as a leader in both bio/sensors and green engineering. Indeed, he has published a superabundance of articles in high-impact, peer-reviewed journals on a wide variety of subjects in diverse areas of biotechnology and engineering. These include 334 articles, 272 conference abstracts, 15 conference proceedings articles, 15 book chapters, and 4 co-edited books. The high regard in which his work is held is evidenced by more than 25,600 citations and an h-index of 87 on Google Scholar. This is a truly exceptional record of research and publication and provides in and of itself a solid rationale for conferring on him this award.

Not surprisingly, given his extraordinary record of scholarship, Professor Mulchandani has delivered about 100 plenary, keynote, and invited talks at international conferences. In light of his seminal contributions to the field of biotechnology and biosensors, he was elected a Fellow of the American Institute for Medical and Biological Engineering and the American Association for the Advancement of Science, appointed W. Ruel Johnson Chair Professor in Environmental Engineering, and honored with special/focus issues of Applied Biochemistry and Biotechnology (October 2017) and Sensors and Actuator Reports (to be published in early 2023). This is the kind of recognition that is reserved for those who are at the pinnacle of his profession.

We offer next a detailed overview of the leading-edge research he conducts and its real-world impact, which is considerable. He is widely recognized as a leader in the development of:

1. Highly sensitive and selective chem/bio-nanosensors based on nanostructured materials such as conducting polymer nanowires (polyaniline and polypyrrole), allotropes of carbon (nanotubes, graphene and reduced graphene oxide) and transition metal dichalcogenide

(molybdenum disulfide/ditelluride/diselenide). Sensors based on nanomaterials offer significant advantages. Since the dimensions of these nanostructures are comparable to those of analytes being sensed, binding of an analyte to the surface of nanomaterials can lead to depletion or accumulation of carriers in the “bulk” versus only the “surface” region, giving rise to large resistance/conductance changes. Second, the combination of tunable physical and chemical properties of nanostructures and the direct conversion of chemical information into an electronic signal can take advantage of existing low-power microelectronic technology and lead to massive multiplexing in devices of small size. Finally, the ultra-small size of the nanostructures makes it possible to develop high density arrays of individually addressable nanostructures for simultaneous analysis of a range of different species and massive redundancy to increase the accuracy of the measurements and increase signal to noise ratio. The chem/bio-nanosensors developed in Professor Mulchandani's laboratory have been successfully applied in healthcare (biomarkers for diseases and infections), agriculture (a/biotic stresses due to drought, infection and nutrient deficiency), detecting contaminants in air (oxides of nitrogen, ozone, volatile organic compounds, etc.), water (toxins, heavy metals and pathogens), food (toxins and pathogens), homeland security (chemical and biological warfare agents) and forensics.

2. Novel oligonucleotide and polypeptide molecular beacon probes and their applications for rapid and sensitive detection of pathogenic organisms such as *Salmonella*, *E. Coli* O157:H7 and Hepatitis A virus in food and water and real-time monitoring of viral replication and infection.
3. Highly sensitive and selective, integrated, self-contained and fieldable enzyme and microbial biosensors to detect organophosphate (OP) nerve agents that are potent neurotoxins widely used as pesticides and chemical warfare agents/nerve gas. Professor Mulchandani's group genetically engineered microorganisms by expressing enzymes on the cell surface and integrated the microbes with different transducers. They developed enzyme- and microbial-biosensors, respectively, to improve the biosensor limit of detection while exhibiting selectivity, simplicity, ease of operation, and reusability. In addition, his group developed a novel lab-on-a-chip microanalyzer for detection of OP nerve agents and demonstrated application to the OP nerve gases soman and sarin, pesticides, insecticides, and high and low energy explosives.
4. Novel enzymatic and microbial processes for detoxification of OP nerve agents contaminated wastewaters. Professor Mulchandani's group developed a novel method of biotransformation of organophosphate pesticides using enzymes anchored and exposed on the surface of microorganisms in immobilized whole cell bioreactor to eliminate the mass transfer barrier and in some cases provide protection from protease attacks, leading to faster kinetics and improved stability, respectively. A key result was the first ever demonstration of expression of active enzymes on the cell surface, the co-expression of two different proteins on the cell surface for dual purposes of affinity immobilization and biocatalysis, and the use of whole cells as “live” biocatalysts in immobilized cell bioreactor.
5. Novel (bio)adsorbents based on biopolymers (elastin like protein) that undergo phase transition in response to external stimuli such as temperature, pH or ionic strength. Professor Mulchandani's group synthesized different metal-binding peptides/proteins with high binding affinity for heavy metals such as cadmium, zinc, mercury, copper, mercury, and arsenic. The stimuli triggered phase change can be engineered tuning from completely

soluble to insoluble thereby allowing for an easy recovery of heavy metals for a cost-effective and simple heavy metal remediation from contaminated water and soil.

The originality and impact of his research have resulted in an impressively large number of students and colleagues seeking him out for mentoring and training. These include 35 Ph.D. and 10 M.S. advisees, 41 postdoctoral fellows, and 36 visiting researchers, many of whom are now occupying prominent positions in academia, industry, and government around the world, from the U.S. to Europe, Asia, and Africa. As one evaluator poetically expressed it, “The alumni in academia spread over the globe are the seeds of Prof. Mulchandani’s academic family tree,” and they will perpetuate his and UCR’s legacy well into the future. His achievements in this area have been recognized with a UCR Chancellor’s Award for Excellence in Fostering Undergraduate Research (2007-08) and an Academic Senate Doctoral Dissertation Mentor/Advisor Award (2014). Diversity in gender, ethnicity and nationality of the researchers is another hallmark of Professor Mulchandani’s research program, for which he received the Graduate Division Award for Commitment to Graduate Diversity (2021).

Professor Mulchandani is not only an excellent researcher and educator but also a model citizen, one who is ready to serve when called upon by the university, college, department, profession, and/or general public. He has provided outstanding service to the professional community as editor-in-chief of *Applied Biochemistry and Biotechnology* (2003-15); associate editor of *Frontiers in Chemistry – Analytical Chemistry* (since 2014); editorial-board member of several journals; member of the NIH Instrumentation and Systems Development Study Section (2009-13); and International Member of the Advisory/Monitoring Committee for the Indian Council of Scientific & Industrial Research-National Environmental Engineering Research Institute XII Five-year Plan project on Waste to Biofuels (2013-18). Additionally, he has provided a large number of evaluation letters for tenure/promotion files at U.S. and international universities, as well as nominations for AAAS and AIMBE Fellows. For the past three years he has served on the review committee of AIMBE Fellows for Biosensors and Nanotechnology.

For all these reasons—and others too numerous to mention—we, the undersigned members of the Senate Committee on Faculty Research Lecturer, unanimously and enthusiastically nominate as Faculty Research Lecturer for 2023-24 Distinguished Professor ASHOK MULCHANDANI.

Walter Clark, Chair (Department of Music)
Bir Bhanu (Department of Electrical & Computer Engineering)
Carl Cranor (Department of Philosophy)
Francisco Zaera (Department of Chemistry)

From: Mayela Giron <mayela.giron@ucr.edu>

Sent: Monday, May 1, 2023 5:07 PM

To: Sang-Hee Lee <sang-hee.lee@ucr.edu>; Bahram Mobasher <bahram.mobasher@ucr.edu>

Cc: Senate <senate@ucr.edu>; Brett McFarlane <brett.mcfarlane@ucr.edu>; skane@ucr.edu; Amanda Morales <gloria.moralesajeatas@ucr.edu>; Cherysa P Cortez <cherysa.cortez@ucr.edu>; Angel Lizardi <angel.lizardi@ucr.edu>

Subject: RE: [Senate Response & Request for Action] Proposal - Minor in Planetary Sciences

Dear Sang-Hee and Bahram,

Amanda and I have been working with the faculty in EPS to address the concerns of the committees. In the attached revision, you'll find highlighted the changes made and concerns addressed.

In addition, I will summarize them below for reference.

A. Item 10 Response:

- a. The program's implementation does not demand any quantifiable addition or reallocation of resources, including faculty FTEs, Teaching Assistants or Readers, library resources, or classroom space. However, we recognize that the addition of any new program will increase the marginal demand on academic and administrative staff, such as academic advisors who may need to assist students in navigating the proposed minor's course requirements. The relevant faculty have agreed to ease this burden by making themselves available to students interested in the minor. The relevant faculty have a vested interest in the program's success, including via increased enrollment in upper-division courses.

B. Item 11 Response:

- a. The EPS faculty have been communicating with faculty in the Physics and Astronomy department. There is a general feeling that faculty are very supportive of the proposed minor and are working on drafting a letter of support. Due to the short turnaround requested, the letter is still pending.

C. Addition of honors courses

- a. The EPS department was in favor of adding the honors versions of GEO 009 and GEO 011.

D. EPS Department Request to Simplify lower-division requirements

- a. Instead of requiring three lower-division courses, they've revised it to require only two.

Please let us know if any additional time can be granted to obtain a formal letter of support from Physics and Astronomy.

Thank you,

Mayela Girón

Director of Enrollment and Curricular Services

CNAS Enrollment Management Center | University of California, Riverside

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A Proposal for a

MINOR IN PLANETARY SCIENCES



College of Natural and Agricultural Sciences

University of California – Riverside

Riverside, CA 92521

Minor in Planetary Sciences Approvals

Approvals	Dates
Approved by the faculty of the Department of Earth and Planetary Sciences	10/20/2021
Approved by the Executive Committee of the College of Natural and Agricultural Sciences	02/7/2023
Approved by the Committee on Educational Policy	04/13/2023

Contact Information

For any questions, please contact:

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University of California Riverside, CA 92521 USA

Edward Schwieterman, PhD

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Department of Earth and Planetary Sciences

University of California Riverside, CA 92521 USA

1. Name of the academic program and the department(s) or unit(s) that will administer the program

Name: Minor in Planetary Sciences

Department: Earth and Planetary Sciences

2. A thorough justification, including the motivation for the creation of the program in terms of student interest and professional or academic importance.

This section outlines a proposal for a minor in Earth and Planetary Sciences (EPS), which will be solely managed by faculty within the Department of Earth and Planetary Sciences.

Motivation and Program Objectives

The Department of Earth and Planetary Sciences has implemented numerous changes in recent years to better reflect the broadened scope of research occurring within the department, including the name change for both the department, and for the graduate program. We are continuing this process by adjusting our undergraduate programs to better reflect our broader inclusion of planetary sciences in research and instruction. As part of these changes to the undergraduate program, we are adding a Minor in Planetary Sciences.

This minor is envisioned as option for Physics and Astronomy majors or other CNAS students who are interested in pursuing future graduate studies in planetary sciences, exoplanet astronomy, and/or astrobiology by supplementing the courses in their major program. Additionally, the program may be of interest to BCOE students who are interested in applying engineering principles to planetary science exploration. A student who completes the minor track will have obtained core competencies in planetary sciences that will enhance their appeal to relevant graduate programs and potential career opportunities in the public and private sectors (e.g., NASA and private space companies).

3. Relationship of the new program to existing programs.

The Planetary Sciences minor is complementary to our other departmental minor programs that reflected the changes to the research goals of the department. The Planetary Sciences minor is appropriate for those students who wish to gain a competency in planetary sciences without the larger course obligations of the Planetary Sciences Concentration within the Earth and Planetary Sciences major.

4. The proposed curriculum. Great care should be given in this area, correct rubrics should be listed for courses, all cross listings should be listed, unit total considerations should be taken into account and totals should be verified by program staff, faculty,

and appropriate Executive Committee personnel. A copy of the proposed program change should be provided for inclusion in the Catalog.

Curricular Structure and Requirements

The minor requires **two** lower-division and **five** upper-division courses. The lower-division courses are GEO 013 (Our Planetary Neighbors: The Solar System and Beyond), **or** GEO 080 (Astrobiology: The Search for Life in the Universe), and one of several lower division geoscience courses that covers geology, oceanography, or climate. The general lower division geoscience requirement is meant to give students a broad understanding of the Earth system specifically, which will be put into a broader planetary context via the remaining required courses. The minor requires our newest planetary science courses as upper-division requirements, including GEO 180 (Exoplanet Science Detection Techniques), GEO 181 (Exoplanetary Science Characterization), GEO 182 (Planetary Astrobiology), and GEO 184 (Planetary Atmospheres). **In addition, a student must complete one additional upper-division geoscience course.**

The following are the requirements of the Planetary Sciences Minor.

1. Lower-division requirements (**8** units):

GEO 001 or GEO 002 or GEO 006 or GEO 009 **or GEO 009H** or GEO 011 **or GEO 011H**; GEO 013 **or** GEO 080

2. Upper-division requirements (**20-21** units):

GEO 180, GEO 181, GEO 182, GEO 184, 4-5 units in any upper- division Geosciences course

There are no cross listings or new courses. **A copy of the proposed program change is provided for inclusion in the Catalog in Appendix A.**

5. A list of faculty who will be involved in the program, including those teaching, advising, and administering.

Supporting Faculty for the Minor in Planetary Sciences

Faculty Member	Department	Position	Expertise
Maryjo Brounce	Earth and Planetary Sciences	Associate Professor	Petrology, planetary surfaces and interiors
Stephen Kane	Earth and Planetary Sciences	Professor	Exoplanet detection, exoplanet characterization, planetary habitability

Sandra Kirtland-Turner	Earth and Planetary Sciences	Associate Professor	Climate science, oceanography
Wei Liu	Earth and Planetary Sciences	Assistant Professor	Climate science, oceanography
Gordon Love	Earth and Planetary Sciences	Professor (EPS Chair)	Molecular organic geochemistry, biogeochemistry
Timothy Lyons	Earth and Planetary Sciences	Professor	Geochemistry, planetary evolution
Edward Schwieterman	Earth and Planetary Sciences	Assistant Professor	Astrobiology, planetary atmospheres, biosignatures

Course Instructors for Minor in Planetary Sciences

Course	Course Title	Instructor
GEO 001*	The Earth's Crust and Interior	Maryjo Brounce and various
GEO 002*	Earth's Climate Through Time	Timothy Lyons
GEO 006*	Planets in Science Fiction	Stephen Kane
GEO 009* or GEO 009H	Oceanography	Sandra Kirtland Turner, Maryjo Brounce, and various
GEO 011* or GOE 011H	Global Climate Change	Wei Liu and various
GEO 013	The Solar System and Beyond	Edward Schwieterman
GEO 080	Astrobiology: The Search for Life	Stephane Kane and Timothy Lyons
GEO 180	Exoplanet Science Detection Tech.	Stephen Kane
GEO 181	Exoplanet Science Characterization	Stephen Kane
GEO 182	Planetary Astrobiology	Edward Schwieterman
GEO 184	Planetary Atmospheres	Edward Schwieterman

*Only one of these listed courses required for minor.

+ One of GEO 013 or GEO 080 required for minor

Course Descriptions

GEO 001* The Earth's Crust and Interior (4 credits) Lecture, 3 hours; laboratory, 3 hours; one 1-day field trip. **Prerequisite(s): none.** An introduction to the physical development of the Earth. Emphasis will be on Earth materials (rocks and minerals), processes (weathering, erosion, mountain building), structures (folds and faults), and current theories regarding the Earth's crust and interior.

GEO 002* Earth's Climate Through Time (4 credits) Lecture, 3 hours; laboratory, 3 hours; one 2-day field trip. **Prerequisite(s): none.** An introduction to the history of Earth's changing

climate and its relationship to the evolution of life on human to geologic time scales. Topics include the interrelationships among short- and long-term carbon cycling; plate tectonics; ocean and atmosphere circulation; and greenhouse gases through time.

GEO 006* Planets in Science Fiction (4 credits) Lecture, 3 hours; discussion, 1 hour; extra reading, 3 hours. Prerequisite(s): none. Introduces the history of discoveries in planetary science and exoplanets and the influence on popular culture, movies, television, literature, and video games. Topics include planet discovery and exploration, planetary habitability, desert worlds, water worlds, moons, and terraforming in the context of science fiction.

GEO 009* Oceanography (4 credits) Lecture, 3 hours; discussion, 1 hour. Prerequisite(s): none. A general introduction to the geological, physical, chemical, and biological processes related to the characteristics and evolution of the ocean system. Explores the role oceans play in regulating climate and the cycling of elements on the Earth's surface. Illustrates how the ocean system has been, and continues to be, one of the most important influences on life.

GEO 009H Honors Oceanography (4 credits) Lecture, 3 hours; discussion, 1 hour. Prerequisite(s): admission to University Honors or consent of instructor. Honors course corresponding to GEO 009. A general introduction to the geological, physical, chemical, and biological processes related to the characteristics and evolution of the ocean system. Explores the role oceans play in regulating climate and the cycling of elements on the Earth's surface. Illustrates how the ocean system has been, and continues to be, one of the most important influences on life. Satisfactory (S) or No Credit (NC) grading is not available. Credit is awarded for only one of GEO 009 or GEO 009H.

GEO 011* Global Climate Change (4 credits) Lecture, 3 hours; discussion, 1 hour. Prerequisite(s): none. Provides an understanding of Earth's feedback systems that regulate the climate over long and short-term time scales. Includes oceanic and atmospheric circulation patterns, the major reservoirs and global carbon cycle, and the influence and origin of greenhouse gases. Investigates sustainability, climate change policies, adaptation, and mitigation. Credit is awarded for only one of GEO 011 or GEO 011H.

GEO 011H Honors Global Climate Change (4 credits) Lecture, 3 hours; discussion, 1 hour. Prerequisite(s): admission to University Honors or consent of instructor. Honors course corresponding to GEO 011. Provides an understanding of Earth's feedback systems that regulate the climate over long- and short-term time scales. Includes oceanic and atmospheric circulation patterns, the major reservoirs and global carbon cycle, and the influence and origin of greenhouse gases. Investigates sustainability, climate change policies, adaptation, and mitigation. Satisfactory (S) or No Credit (NC) grading is not available. Credit is awarded for only one of GEO 011 or GEO 011H.

GEO 013+ Our Planetary Neighbors: The Solar System and Beyond (4 credits) Lecture, 3 hours; discussion, 1 hour; extra reading, 3 hours. Prerequisite(s): none. A survey of the planets in the solar system with a focus on comparative planetology. Explores the formation, structure,

composition, and evolution of rocky and gas giant planets. Other topics include the night sky, the Moon, gravity, planetary motion, radiation, minor bodies, and exoplanets.

GEO 080+ Astrobiology: the Search For Life in the Universe (4 credits) Lecture, 3 hours; laboratory, 3 hours. Prerequisite(s): none. Are we alone in the universe? This basic human question, once solely the domain of philosophy and science fiction, is now a field of considerable scientific research. Lecture and lab topics include the history of life on Earth, habitability in the solar system, and discovery of planets around other stars.

GEO 180 Exoplanetary Science Detection Tech (4 credits) Lecture, 3 hours; discussion, 1 hour. Prerequisite(s): MATH 007B or MATH 009B or MATH 09HB; PHYS 040B or PHYS 002B; PHYS 117 or GEO 111; Restricted to class level standing of junior, or senior; or consent of instructor. Covers the rapid expansion of the subject of exoplanets, the discoveries of which now number in the thousands and include planets smaller than Earth. Topics include solar system formation, the history of exoplanetary science, orbital mechanics, detection methods, orbital ephemerides, host stars, and future exoplanet space missions.

GEO 181 Exoplanetary Science Characterization (4 credits) Lecture, 3 hours; discussion, 1 hour. Prerequisite(s): MATH 007B or MATH 009B or MATH 09HB; PHYS 040B or PHYS 002B; PHYS 117 or GEO 111; GEO 180; Restricted to class level standing of junior, or senior; or consent of instructor. Covers the detailed characterization of exoplanets including new discoveries that are being made from past and present exoplanet missions. Topics include orbital dynamics and architectures, tidal effects, planet formation, circumbinary planets, phase variations, planetary atmospheres, exomoons, and future exoplanet space missions.

GEO 182 Planetary Astrobiology For Science Majors (4 credits) Lecture, 3 hours; discussion, 1 hour. Prerequisite(s): CHEM 001B or CHEM 01HB; MATH 007B or MATH 009B or MATH 09HB; PHYS 002B or PHYS 02HB or PHYS 040B or PHYS 040HB; or consent of instructor. An overview of the origin, evolution, distribution, and future of life in the universe. Explores the physics and chemistry of life; formation and evolution of planets; origin of life; habitable environments in the solar system (Mars, Venus, icy moons); exoplanet biosignatures; and the search for extraterrestrial intelligence.

GEO 184 Planetary Atmospheres (4 credits) Lecture, 3 hours; discussion, 1 hour. Prerequisite(s): MATH 007B or MATH 009B or MATH 09HB; PHYS 002B or PHYS 02HB or PHYS 040B or PHYS 040HB; restricted to class level standing of junior, or senior; or consent of instructor. A quantitative overview of the atmospheric structure, composition, climate, evolution, and circulation of planets within and outside the solar system. Focus areas include hydrostatic equilibrium, convection and lapse rates, photochemistry, escape processes, radiative transfer and spectroscopy, atmospheric formation, and basic fluid mechanics applied to circulation. Credit is awarded for one of the following GEO 184 or GEO 284.

6. For interdisciplinary programs, the degree of participation and the role of each department must be explicitly described. The chairs of all participating departments must provide written approval for the creation of the program and indicate their commitment to provide necessary resources including faculty release.

This program is not interdisciplinary (does not cross departments).

7. Projected enrollment in the program.

Since the program is a minor, we expect that the total enrollment will include many students outside of the EPS department. We anticipate enrollment to evolve as follows.

Year	Projected Enrollment
2023 - 2024	5
2024 - 2025	8
2025 - 2026	10
2026 - 2027	15
2027 - 2028	25

8. Name of degree, if applicable, and the anticipated number of degrees to be granted when the program reaches steady state.

The name of the degree is Minor in Planetary Sciences. The anticipated number of degrees (per year) will be ~10-15, assuming those enrolled are primarily juniors and seniors (i.e., half of the enrolled students graduating per year).

9. Potential impact of the new program on existing programs. If the proposed program includes required courses from a department other than the administering department, the proposal must include a statement from the department indicating that it has been consulted and that it will provide access to the required courses.

We do not anticipate any impact on other programs, since there are no similar programs offered elsewhere in CNAS. All the courses are already taught either as service courses or to fulfill the requirements of an EPS major or major concentration.

10. A full listing of resources required for start-up and for operations. In cases where no additional resources will be needed, this must be explicitly stated. This listing may include: personnel (faculty FTE or temporary positions, Teaching Assistants or Readers, administrative staff, technical support); support services including computer facilities and library resources; space requirements. A plan indicating how the resources will be obtained would also be helpful to the committee in reviewing the proposal. A letter of support from the College Dean and/or Executive Vice Chancellor-Provost indicating endorsement as well as a promise of support for the proposal also would be extremely helpful.

The program's implementation does not demand any quantifiable addition or reallocation of resources, including faculty FTEs, Teaching Assistants or Readers, library resources, or classroom space. However, we recognize that the addition of any new program will increase the marginal demand on academic and administrative staff, such as academic advisors who may need to assist students in navigating the proposed minor's course requirements. The relevant faculty have agreed to ease this burden by making themselves available to students interested in

the minor. The relevant faculty have a vested interest in the program's success, including via increased enrollment in upper-division courses.

11. Both internal and external letters of support should be provided with the proposal. Internal letters of support are often from UCR department chairs and faculty of related programs. The external letters should be from other UC campuses or other peer institutions. Letters from off-campus help to establish the quality of the program and its fit within the context of related programs at other universities. Upon consultation with the CEP the demand for external letters may be waived.

Letters of support are attached (see **Appendix B**) from the following:

- Earth and Planetary Sciences Department Chair

12. Approvals from program faculty, College faculty (if the new proposal affects a college regulation), and the appropriate Executive Committee should be obtained before forwarding the new program to the attention of the Senate Analyst for CEP.

The EPS faculty have approved the new program, and it is now ready for the CNAS Executive Committee approval.

13. All proposals for new programs should be submitted to the Senate Chair no later than March 1 of the academic year prior to the fall quarter in which the proposed program is anticipated to go into effect. This schedule should provide sufficient time for Senate review of the proposal to meet the deadline for final consideration of approval at the May Division Meeting

Approvals	Dates
Approved by the faculty of the Department of Earth and Planetary Sciences	10/20/2021
Approved by the Executive Committee of the College of Natural and Agricultural Sciences	
Approved by the Committee on Educational Policy	

APPENDIX A: Proposed Program Change

EXECUTIVE COMMITTEE COLLEGE OF NATURAL AND AGRICULTURAL SCIENCES

REPORT TO THE RIVERSIDE DIVISION FEBRUARY 28, 2022

To be adopted: Proposed new Planetary Sciences minor.

Minor

Students who wish to Minor in Geology, Geophysics or ~~Global Climate Change~~ must complete 20-28 units of organized ~~upper-division~~ courses in Geosciences. A minimum of 16 of these units must be unique to the minor and cannot be used to satisfy major requirements. To satisfy prerequisites, additional preparatory coursework in Earth and Planetary Sciences and other sciences (Biology, Chemistry, Mathematics, Physics) may be required.

Minor in Geology: GEO 001, GEO 115; plus 15-23 additional ~~upper-division~~ Geosciences units.

Minor in Geophysics: GEO 001; GEO 140; plus 16-24 additional units taken from GEO 115, GEO 116, GEO 132, GEO 144, GEO 145, and GEO 190.

Minor in Global Climate Change: GEO 001 or GEO 002; GEO 011; GEO 160; plus 16-24 additional ~~upper-division~~ Geoscience units.

Before submitting a petition for a Minor to the college, students interested in pursuing a Minor in Geology or Geophysics or Global Climate Change must consult with the undergraduate faculty advisor in Earth and Planetary Sciences.

Minor

Students who wish to Minor in Geology, Geophysics, Global Climate Change or Planetary Sciences must complete 20-28 units of organized upper-division courses in Geosciences. A minimum of 16 of these units must be unique to the minor and cannot be used to satisfy major requirements. To satisfy prerequisites, additional preparatory coursework in Earth and Planetary Sciences and other sciences (Biology, Chemistry, Mathematics, Physics) may be required.

Minor in Geology: GEO 001, GEO 115; plus 15-23 additional upper-division Geosciences units.

[No Change]

Minor in Global Climate Change: GEO 001 or GEO 002; GEO 011; GEO 160; plus 16-24 additional upper-division Geosciences units.

Minor in Planetary Sciences: GEO 001 or GEO 002 or GEO 006 or GEO 009 or GEO 009H or GEO 011 or GEO 011H; GEO 013 or GEO 080; GEO 180, GEO 181, GEO 182, and GEO 184; plus 4-5 units in any upper-division Geosciences course.

Before submitting a petition for a Minor to the college, students interested in pursuing a Minor in Geology or Geophysics or Global Climate Change or Planetary Sciences must consult with the undergraduate faculty advisor in Earth and Planetary Sciences.

Justification: The Department of Earth and Planetary Sciences has implemented numerous changes in recent years to better reflect the broadened scope of research occurring within the department, including the name change for both the department, and for the graduate program. We are continuing this process by adjusting our undergraduate programs to better reflect our broader inclusion of planetary sciences in

research and instruction. As part of these changes to the undergraduate program, we are adding a Minor in Planetary Sciences. This minor is envisioned as an option for Physics majors or other CNAS students who are interested in pursuing future graduate studies in planetary sciences, exoplanet astronomy, and/or astrobiology by supplementing the courses in their major program. The minor requires **two** lower-division and **five** upper-division courses. The lower-division courses are **one of** GEO 013 (Our Planetary Neighbors: The Solar System and Beyond), **or** GEO 080 (Astrobiology: The Search for Life in the Universe), **and** one of several lower division geoscience courses that covers geology, oceanography, or climate. The minor also requires our newest planetary science courses as upper-division requirements, including GEO 180 (Exoplanet Science Detection Techniques), GEO 181 (Exoplanetary Science Characterization), GEO 182 (Planetary Astrobiology), and GEO 184 (Planetary Atmospheres). **In addition, a student must complete one additional upper-division geoscience course.** A student who completes the minor track will have obtained core competencies in planetary sciences that will enhance their appeal to relevant graduate programs and potential career opportunities in the private and public sectors (e.g., NASA).

Approvals:

Approved by the faculty of the Department of Earth and Planetary Sciences:10/20/2021

Approved by the Executive Committee of the College of Natural and Agricultural Sciences:

Approved by the Committee on Educational Policy:

APENDIX B: LETTER OF SUPPORT

- Earth and Planetary Sciences Department Chair

01/13/2023

**Department of Earth and Planetary
Sciences**

900 University Avenue
1242 Geology Building
Riverside, CA 92521

To Whom It May Concern,

I am writing to strongly endorse the creation of a Planetary Sciences Minor within the Department of Earth and Planetary Sciences. The creation of this minor is reflective of the expanded focus of our department to include the planetary sciences alongside the Earth sciences. The proposed minor program specifically complements the creation of a Planetary Science Concentration within the Earth and Planetary Sciences major (renamed from Earth Sciences), which has already been approved by the Academic Senate. The minor is appropriate for CNAS students from other departments and majors who wish to gain competency in planetary sciences. Please see the proposal for a full justification for the creation of the minor.

The Department of Earth and Planetary Sciences can fully support the proposed minor program with no additional resources. Each course in the Minor in Planetary Sciences is already taught to fulfill other objectives of the department including requirements for existing majors and major concentrations. The minor proposal was unanimously endorsed by the department's faculty on October 20, 2021. We are looking forward to the approval of this new program.

Sincerely,

A handwritten signature in purple ink that reads "G. Love".

Gordon Love

Chair and Professor

Department of Earth and Planetary Sciences

E-mail: glove@ucr.edu



Academic Senate

April 25, 2023

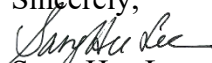
To: Bahram Mobasher
Chair, CNAS Faculty Executive Committee

From: Sang-Hee Lee
Chair, Riverside Division

RE: **Proposal for a New Undergraduate Minor in Planetary Sciences**

Dear Bahram,

On April 24, 2023, Executive Council discussed the subject proposal and had no additional comments. However, the Committee on Courses, Committee on Educational Policy, and the Committee on Planning and Budget provided feedback that I have attached to this letter. I draw your attention to the comments from P&B and request that a response to these comments be sent to my attention (cc to Senate Director Cherysa Cortez) **by May 1, 2023** so that this item may be included for consideration on the May 23, 2023 Division meeting agenda.


Sincerely,

Sang-Hee Lee

Cc: Angel Lizardi, Faculty Executive Committee Liaison

PLANNING AND BUDGET

April 3, 2023

To: Sang-Hee Lee, Chair
Riverside Division

From: Peter Atkinson, Chair 
Committee on Planning and Budget

RE: [Campus Review] Proposal: New Undergraduate Minor: *Minor in Planetary Sciences*

The Planning and Budget Committee voted 9 to 2 in favor of the new undergraduate minor in Planetary Sciences. Those opposed raised two concerns:

- 1.) Item 10. They believed that it was inevitable that any new major or minor, no matter the size of the enrollment, would impact the bureaucratic burden of the department, especially considering that UC Riverside is chronically understaffed. As such, these members requested that the proponents of this minor consider their response in this context.
- 2.) Item 11. The single supporting letter from the chair of Earth and Planetary Sciences was seen as being insufficient, especially considering that this proposed minor may be of interest to faculty with the Department of Physics and Astronomy, especially if this department has a related program.

Related to the points raised about the first concern above, the entire committee recommends that the instructions for Item 10 be edited to recognize the chronic staffing problem at UCR. A possible example could be the addition of a sentence such as: "In addressing possible impacts, please be aware of the understaffing of offices at UC Riverside, recognizing that even small additions to staff workload may have disproportionate impacts on the operation of relevant offices."



Academic Senate

COMMITTEE ON COURSES

March 23, 2023

To: Sang-Hee Lee, Chair
Riverside Division

From: Aerika Loyd, Chair
Committee on Courses

Re: Proposed Minor in Planetary Sciences

The Committee on Courses reviewed the proposal for a Minor in Planetary Sciences and are generally supportive of the proposal.

The Committee recommends that the department consider updating the proposed curriculum to include the Honors versions of GEO 009 (GEO 009H) and GEO 011 (GEO 011H).



Academic Senate

COMMITTEE ON EDUCATIONAL POLICY

April 13, 2023

To: Sang-Hee Lee, Chair
Riverside Division

From: Lorenzo Mangolini, Chair
Committee on Educational Policy

RE: Proposed Minor in Planetary Sciences

The Committee on Educational Policy (CEP) reviewed the proposed Minor in Planetary Sciences at their April 7, 2023 meeting and voted to support the proposal.

A Proposal for a

MINOR IN PLANETARY SCIENCES



College of Natural and Agricultural Sciences

University of California – Riverside

Riverside, CA 92521

Minor in Planetary Sciences Approvals

Approvals	Dates
Approved by the faculty of the Department of Earth and Planetary Sciences	10/20/2021
Approved by the Executive Committee of the College of Natural and Agricultural Sciences	02/07/2023
Approved by the Committee on Educational Policy	4/7/23

Contact Information

For any questions, please contact:

Stephen Kane, PhD

Email: skane@ucr.edu

Department of Earth and Planetary Sciences

University of California Riverside, CA 92521 USA

Edward Schwieterman, PhD

Email: eschwiet@ucr.edu

Department of Earth and Planetary Sciences

University of California Riverside, CA 92521 USA

1. Name of the academic program and the department(s) or unit(s) that will administer the program

Name: Minor in Planetary Sciences

Department: Earth and Planetary Sciences

2. A thorough justification, including the motivation for the creation of the program in terms of student interest and professional or academic importance.

This section outlines a proposal for a minor in Earth and Planetary Sciences (EPS), which will be solely managed by faculty within the Department of Earth and Planetary Sciences.

Motivation and Program Objectives

The Department of Earth and Planetary Sciences has implemented numerous changes in recent years to better reflect the broadened scope of research occurring within the department, including the name change for both the department, and for the graduate program. We are continuing this process by adjusting our undergraduate programs to better reflect our broader inclusion of planetary sciences in research and instruction. As part of these changes to the undergraduate program, we are adding a Minor in Planetary Sciences.

This minor is envisioned as option for Physics and Astronomy majors or other CNAS students who are interested in pursuing future graduate studies in planetary sciences, exoplanet astronomy, and/or astrobiology by supplementing the courses in their major program. Additionally, the program may be of interest to BCOE students who are interested in applying engineering principles to planetary science exploration. A student who completes the minor track will have obtained core competencies in planetary sciences that will enhance their appeal to relevant graduate programs and potential career opportunities in the public and private sectors (e.g., NASA and private space companies).

3. Relationship of the new program to existing programs.

The Planetary Sciences minor is complementary to our other departmental minor programs that reflected the changes to the research goals of the department. The Planetary Sciences minor is appropriate for those students who wish to gain a competency in planetary sciences without the larger course obligations of the Planetary Sciences Concentration within the Earth and Planetary Sciences major.

4. The proposed curriculum. Great care should be given in this area, correct rubrics should be listed for courses, all cross listings should be listed, unit total considerations should be taken into account and totals should be verified by program staff, faculty, and appropriate Executive Committee personnel. A copy of the proposed program change should be provided for inclusion in the Catalog.

Curricular Structure and Requirements

The minor requires three lower-division and four upper-division courses. The lower-division courses are GEO 013 (Our Planetary Neighbors: The Solar System and Beyond), GEO 080 (Astrobiology: The Search for Life in the Universe), and one of several lower division geoscience courses that covers geology, oceanography, or climate. The general lower division geoscience requirement is meant to give students a broad understanding of the Earth system specifically, which will be put into a broader planetary context via the remaining required courses. The minor requires our newest planetary science courses as upper-division requirements, including GEO 180 (Exoplanet Science Detection Techniques), GEO 181 (Exoplanetary Science Characterization), GEO 182 (Planetary Astrobiology), and GEO 184 (Planetary Atmospheres).

The following are the requirements of the Planetary Sciences Minor.

1. Lower-division requirements (12 units):

GEO 001 or GEO 002 or GEO 006 or GEO 009 or GEO 011; GEO 013 and GEO 080

2. Upper-division requirements (20 units):

GEO 180, GEO 181, GEO 182, GEO 184, 4-5 units in any upper- division Geosciences course

There are no cross listings or new courses. **A copy of the proposed program change is provided for inclusion in the Catalog in Appendix A.**

5. A list of faculty who will be involved in the program, including those teaching, advising, and administering.

Supporting Faculty for the Minor in Planetary Sciences

Faculty Member	Department	Position	Expertise
Maryjo Brounce	Earth and Planetary Sciences	Associate Professor	Petrology, planetary surfaces and interiors
Stephen Kane	Earth and Planetary Sciences	Professor	Exoplanet detection, exoplanet characterization, planetary habitability
Sandra Kirtland-Turner	Earth and Planetary Sciences	Associate Professor	Climate science, oceanography
Wei Liu	Earth and Planetary Sciences	Assistant Professor	Climate science, oceanography
Gordon Love	Earth and Planetary Sciences	Professor (EPS Chair)	Molecular organic geochemistry, biogeochemistry

Timothy Lyons	Earth and Planetary Sciences	Professor	Geochemistry, planetary evolution
Edward Schwieterman	Earth and Planetary Sciences	Assistant Professor	Astrobiology, planetary atmospheres, biosignatures

Course Instructors for Minor in Planetary Sciences

Course	Course Title	Instructor
GEO 001*	The Earth's Crust and Interior	Maryjo Brounce and various
GEO 002*	Earth's Climate Through Time	Timothy Lyons
GEO 006*	Planets in Science Fiction	Stephen Kane
GEO 009*	Oceanography	Sandra Kirtland Turner, Maryjo Brounce, and various
GEO 011*	Global Climate Change	Wei Liu and various
GEO 013	The Solar System and Beyond	Edward Schwieterman
GEO 080	Astrobiology: The Search for Life	Stephane Kane and Timothy Lyons
GEO 180	Exoplanet Science Detection Tech.	Stephen Kane
GEO 181	Exoplanet Science Characterization	Stephen Kane
GEO 182	Planetary Astrobiology	Edward Schwieterman
GEO 184	Planetary Atmospheres	Edward Schwieterman

*Only one of these listed courses required for minor.

Course Descriptions

GEO 001* The Earth's Crust and Interior (4 credits) Lecture, 3 hours; laboratory, 3 hours; one 1-day field trip. **Prerequisite(s): none.** An introduction to the physical development of the Earth. Emphasis will be on Earth materials (rocks and minerals), processes (weathering, erosion, mountain building), structures (folds and faults), and current theories regarding the Earth's crust and interior.

GEO 002* Earth's Climate Through Time (4 credits) Lecture, 3 hours; laboratory, 3 hours; one 2-day field trip. **Prerequisite(s): none.** An introduction to the history of Earth's changing climate and its relationship to the evolution of life on human to geologic time scales. Topics include the interrelationships among short- and long-term carbon cycling; plate tectonics; ocean and atmosphere circulation; and greenhouse gases through time.

GEO 006* Planets in Science Fiction (4 credits) Lecture, 3 hours; discussion, 1 hour; extra reading, 3 hours. **Prerequisite(s): none.** Introduces the history of discoveries in planetary science and exoplanets and the influence on popular culture, movies, television, literature, and video games. Topics include planet discovery and exploration, planetary habitability, desert worlds, water worlds, moons, and terraforming in the context of science fiction.

GEO 009* Oceanography (4 credits) Lecture, 3 hours; discussion, 1 hour. **Prerequisite(s): none.** A general introduction to the geological, physical, chemical, and biological processes related to

the characteristics and evolution of the ocean system. Explores the role oceans play in regulating climate and the cycling of elements on the Earth's surface. Illustrates how the ocean system has been, and continues to be, one of the most important influences on life.

GEO 011 Global Climate Change (4 credits) Lecture, 3 hours; discussion, 1 hour.

Prerequisite(s): none. Provides an understanding of Earth's feedback systems that regulate the climate over long and short-term time scales. Includes oceanic and atmospheric circulation patterns, the major reservoirs and global carbon cycle, and the influence and origin of greenhouse gases. Investigates sustainability, climate change policies, adaptation, and mitigation. Credit is awarded for only one of GEO 011 or GEO 011H.

GEO 013 Our Planetary Neighbors: The Solar System and Beyond (4 credits) Lecture, 3

hours; discussion, 1 hour; extra reading, 3 hours. **Prerequisite(s):** none. A survey of the planets in the solar system with a focus on comparative planetology. Explores the formation, structure, composition, and evolution of rocky and gas giant planets. Other topics include the night sky, the Moon, gravity, planetary motion, radiation, minor bodies, and exoplanets.

GEO 080 Astrobiology: the Search For Life in the Universe (4 credits) Lecture, 3 hours;

laboratory, 3 hours. **Prerequisite(s):** none. Are we alone in the universe? This basic human question, once solely the domain of philosophy and science fiction, is now a field of considerable scientific research. Lecture and lab topics include the history of life on Earth, habitability in the solar system, and discovery of planets around other stars.

GEO 180 Exoplanetary Science Detection Tech (4 credits) Lecture, 3 hours; discussion, 1

hour. **Prerequisite(s):** MATH 007B or MATH 009B or MATH 09HB; PHYS 040B or PHYS 002B; PHYS 117 or GEO 111; Restricted to class level standing of junior, or senior; or consent of instructor. Covers the rapid expansion of the subject of exoplanets, the discoveries of which now number in the thousands and include planets smaller than Earth. Topics include solar system formation, the history of exoplanetary science, orbital mechanics, detection methods, orbital ephemerides, host stars, and future exoplanet space missions.

GEO 181 Exoplanetary Science Characterization (4 credits) Lecture, 3 hours; discussion, 1

hour. **Prerequisite(s):** MATH 007B or MATH 009B or MATH 09HB; PHYS 040B or PHYS 002B; PHYS 117 or GEO 111; GEO 180; Restricted to class level standing of junior, or senior; or consent of instructor. Covers the detailed characterization of exoplanets including new discoveries that are being made from past and present exoplanet missions. Topics include orbital dynamics and architectures, tidal effects, planet formation, circumbinary planets, phase variations, planetary atmospheres, exomoons, and future exoplanet space missions.

GEO 182 Planetary Astrobiology For Science Majors (4 credits) Lecture, 3 hours; discussion,

1 hour. **Prerequisite(s):** CHEM 001B or CHEM 01HB; MATH 007B or MATH 009B or MATH 09HB; PHYS 002B or PHYS 02HB or PHYS 040B or PHYS 040HB; or consent of instructor. An overview of the origin, evolution, distribution, and future of life in the universe. Explores the physics and chemistry of life; formation and evolution of planets; origin of life; habitable environments in the solar system (Mars, Venus, icy moons); exoplanet biosignatures; and the search for extraterrestrial intelligence.

GEO 184 Planetary Atmospheres (4 credits) Lecture, 3 hours; discussion, 1 hour.

Prerequisite(s): MATH 007B or MATH 009B or MATH 09HB; PHYS 002B or PHYS 02HB or PHYS 040B or PHYS 040HB; restricted to class level standing of junior, or senior; or consent of instructor. A quantitative overview of the atmospheric structure, composition, climate, evolution, and circulation of planets within and outside the solar system. Focus areas include hydrostatic equilibrium, convection and lapse rates, photochemistry, escape processes, radiative transfer and spectroscopy, atmospheric formation, and basic fluid mechanics applied to circulation. Credit is awarded for one of the following GEO 184 or GEO 284.

6. For interdisciplinary programs, the degree of participation and the role of each department must be explicitly described. The chairs of all participating departments must provide written approval for the creation of the program and indicate their commitment to provide necessary resources including faculty release.

This program is not interdisciplinary (does not cross departments).

7. Projected enrollment in the program.

Since the program is a minor, we expect that the total enrollment will include many students outside of the EPS department. We anticipate enrollment to evolve as follows.

Year	Projected Enrollment
2023 - 2024	5
2024 - 2025	8
2025 - 2026	10
2026 - 2027	15
2027 - 2028	25

8. Name of degree, if applicable, and the anticipated number of degrees to be granted when the program reaches steady state.

The name of the degree is Minor in Planetary Sciences. The anticipated number of degrees (per year) will be ~10-15, assuming those enrolled are primarily juniors and seniors (i.e., half of the enrolled students graduating per year).

9. Potential impact of the new program on existing programs. If the proposed program includes required courses from a department other than the administering department, the proposal must include a statement from the department indicating that it has been consulted and that it will provide access to the required courses.

We do not anticipate any impact on other programs, since there are no similar programs offered elsewhere in CNAS. All the courses are already taught either as service courses or to fulfill the requirements of an EPS major or major concentration.

10. A full listing of resources required for start-up and for operations. In cases where no additional resources will be needed, this must be explicitly stated. This listing may include: personnel (faculty FTE or temporary positions, Teaching Assistants or

Readers, administrative staff, technical support); support services including computer facilities and library resources; space requirements. A plan indicating how the resources will be obtained would also be helpful to the committee in reviewing the proposal. A letter of support from the College Dean and/or Executive Vice Chancellor-Provost indicating endorsement as well as a promise of support for the proposal also would be extremely helpful.

No additional resources are required.

11. Both internal and external letters of support should be provided with the proposal. Internal letters of support are often from UCR department chairs and faculty of related programs. The external letters should be from other UC campuses or other peer institutions. Letters from off-campus help to establish the quality of the program and its fit within the context of related programs at other universities. Upon consultation with the CEP the demand for external letters may be waived.

Letters of support are attached (see **Appendix B**) from the following:

- Earth and Planetary Sciences Department Chair

12. Approvals from program faculty, College faculty (if the new proposal affects a college regulation), and the appropriate Executive Committee should be obtained before forwarding the new program to the attention of the Senate Analyst for CEP.

The EPS faculty have approved the new program, and it is now ready for the CNAS Executive Committee approval.

13. All proposals for new programs should be submitted to the Senate Chair no later than March 1 of the academic year prior to the fall quarter in which the proposed program is anticipated to go into effect. This schedule should provide sufficient time for Senate review of the proposal to meet the deadline for final consideration of approval at the May Division Meeting

Approvals	Dates
Approved by the faculty of the Department of Earth and Planetary Sciences	10/20/2021
Approved by the Executive Committee of the College of Natural and Agricultural Sciences	
Approved by the Committee on Educational Policy	

APPENDIX A: Proposed Program Change

EXECUTIVE COMMITTEE COLLEGE OF NATURAL AND AGRICULTURAL SCIENCES

REPORT TO THE RIVERSIDE DIVISION

FEBRUARY 28, 2022

To be adopted: Proposed new Planetary Sciences minor.

Minor

Students who wish to Minor in Geology, Geophysics or ~~Global Climate Change~~ must complete 20-28 units of organized ~~upper-division~~ courses in Geosciences. A minimum of 16 of these units must be unique to the minor and cannot be used to satisfy major requirements. To satisfy prerequisites, additional preparatory coursework in Earth and Planetary Sciences and other sciences (Biology, Chemistry, Mathematics, Physics) may be required.

Minor in Geology: GEO 001, GEO 115; plus 15-23 additional ~~upper-division~~ Geosciences units.

Minor in Geophysics: GEO 001; GEO 140; plus 16-24 additional units taken from GEO 115, GEO 116, GEO 132, GEO 144, GEO 145, and GEO 190.

Minor in Global Climate Change: GEO 001 or GEO 002; GEO 011; GEO 160; plus 16-24 additional ~~upper-division Geoscience~~ units.

Before submitting a petition for a Minor to the college, students interested in pursuing a Minor in Geology or Geophysics or Global Climate Change must consult with the undergraduate faculty advisor in Earth and Planetary Sciences.

Minor

Students who wish to Minor in Geology, Geophysics, Global Climate Change or Planetary Sciences must complete 20-28 units of organized upper-division courses in Geosciences. A minimum of 16 of these units must be unique to the minor and cannot be used to satisfy major requirements. To satisfy prerequisites, additional preparatory coursework in Earth and Planetary Sciences and other sciences (Biology, Chemistry, Mathematics, Physics) may be required.

Minor in Geology: GEO 001, GEO 115; plus 15-23 additional upper-division Geosciences units.

[No Change]

Minor in Global Climate Change: GEO 001 or GEO 002; GEO 011; GEO 160; plus 16-24 additional upper-division Geosciences units.

Minor in Planetary Sciences: GEO 001 or GEO 002 or GEO 006 or GEO 009 or GEO 011; GEO 013 and GEO 080; GEO 180, GEO 181, GEO 182, and GEO 184; plus 4-5 units in any upper-division Geosciences course.

Before submitting a petition for a Minor to the college, students interested in pursuing a Minor in Geology or Geophysics or Global Climate Change or Planetary Sciences must consult with the undergraduate faculty advisor in Earth and Planetary Sciences.

Justification: The Department of Earth and Planetary Sciences has implemented numerous changes in recent years to better reflect the broadened scope of research occurring within the department, including the name change for both the department, and for the graduate program. We are continuing this process by adjusting our undergraduate programs to better reflect our broader inclusion of planetary sciences in research and instruction. As part of these changes to the undergraduate program, we are adding a Minor in Planetary Sciences. This minor is envisioned as option for Physics majors or other CNAS students who are interested in pursuing future graduate studies in planetary sciences, exoplanet astronomy, and/or astrobiology by supplementing the courses in their major program. The minor requires three lower-division and four upper-division courses. The lower-division courses are GEO 013 (Our Planetary Neighbors: The Solar System and Beyond), GEO 080 (Astrobiology: The Search for Life in the Universe), one of several lower division geoscience courses that covers geology, oceanography, or climate. The minor also requires our newest planetary science courses as upper-division requirements, including GEO 180 (Exoplanet Science Detection Techniques), GEO 181 (Exoplanetary Science Characterization), GEO 182 (Planetary Astrobiology), and GEO 184 (Planetary Atmospheres). A student who completes the minor track will have obtained core competencies in planetary sciences that will enhance their appeal to relevant graduate programs and potential career opportunities in the private and public sectors (e.g., NASA).

Approvals:

Approved by the faculty of the Department of Earth and Planetary Sciences:

10/20/2021

Approved by the Executive Committee of the College of Natural and Agricultural Sciences:

Approved by the Committee on Educational Policy:

APENDIX B: LETTER OF SUPPORT

- Earth and Planetary Sciences Department Chair

01/13/2023

**Department of Earth and Planetary
Sciences**

900 University Avenue
1242 Geology Building
Riverside, CA 92521

To Whom It May Concern,

I am writing to strongly endorse the creation of a Planetary Sciences Minor within the Department of Earth and Planetary Sciences. The creation of this minor is reflective of the expanded focus of our department to include the planetary sciences alongside the Earth sciences. The proposed minor program specifically complements the creation of a Planetary Science Concentration within the Earth and Planetary Sciences major (renamed from Earth Sciences), which has already been approved by the Academic Senate. The minor is appropriate for CNAS students from other departments and majors who wish to gain competency in planetary sciences. Please see the proposal for a full justification for the creation of the minor.

The Department of Earth and Planetary Sciences can fully support the proposed minor program with no additional resources. Each course in the Minor in Planetary Sciences is already taught to fulfill other objectives of the department including requirements for existing majors and major concentrations. The minor proposal was unanimously endorsed by the department's faculty on October 20, 2021. We are looking forward to the approval of this new program.

Sincerely,

A handwritten signature in purple ink that reads "G. Love".

Gordon Love

Chair and Professor

Department of Earth and Planetary Sciences

E-mail: glove@ucr.edu

FACULTY EXECUTIVE COMMITTEE
SCHOOL OF EDUCATION

REPORT TO THE RIVERSIDE DIVISION
May 23, 2023

To Be Adopted

Proposed Changes to School of Education Bylaws 01 to 06.01

PRESENT:

- 01 Membership
01.01 The Faculty of the School of Education at the University of California, Riverside consists of (a) the president of the University; (b) the Chancellor; (c) the Executive Vice Chancellor; (d) the Dean of the ~~Graduate~~ School of Education; (e) all members of the Academic Senate who are members of the ~~Graduate~~ School of Education; (f) designated Senate members from other colleges and schools at Riverside, the number and departmental affiliation of such members to be specified by the Faculty of the school at a regular meeting in each case, such members are appointed by the Chair of the Faculty upon nomination of the Dean of the agency represented; (g) such other Senate members as may be specified by the bylaws of the Division.(Am May 2005) (Am 5 Dec 2017)(EC 28 July 2021)
01.02 Only voting members of the Academic Senate are eligible to vote in the Faculty of the ~~Graduate~~ School of Education. However, all persons with academic appointments in the ~~Graduate~~ School of Education may attend meetings of the Faculty and have the privilege of the floor. The Dean and Chair of the Faculty may invite guests to attend meetings and have the privilege of the floor. (Am May 2005)
02 Officers

PROPOSED:

- 01 Membership
01.01 The Faculty of the School of Education at the University of California, Riverside consists of (a) the president of the University; (b) the Chancellor; (c) the Executive Vice Chancellor; (d) the Dean of the School of Education; (e) all members of the Academic Senate who are members of the School of Education; (f) designated Senate members from other colleges and schools at Riverside, the number and departmental affiliation of such members to be specified by the Faculty of the school at a regular meeting in each case, such members are appointed by the Chair of the Faculty upon nomination of the Dean of the agency represented; (g) such other Senate members as may be specified by the bylaws of the Division.(Am May 2005) (Am 5 Dec 2017)(EC 28 July 2021)
01.02 Only voting members of the Academic Senate are eligible to vote in the Faculty of the School of Education. However, all persons with academic appointments in the School of Education may attend meetings of the Faculty and have the privilege of the floor. The Dean and Chair of the Faculty may invite guests to attend meetings and have the privilege of the floor. (Am May 2005)
02 Officers

02.01 The ~~Officers~~ of the Faculty consist of a Chair and a ~~secretary~~.

02.01.01 The Chair of the Faculty is elected for a three-year term and is not eligible to ~~succeed himself/herself immediately~~. The election is conducted in accordance with the procedure prescribed in these bylaws. If the Chair is unable to complete the term of office, the Secretary-Parliamentarian of the Division shall within two months conduct an election in accordance with the procedure prescribed in these bylaws for the unexpired term ~~provided that the unexpired term is longer than six months. In the interim or in the event the vacated term is less than six months, the secretary of the Faculty will serve as Chair~~. If a person so elected fills the vacancy for a period of not more than one year, the provision of this ~~bylaw with regard to~~ immediate reelection shall not apply and ~~he/she~~ shall be eligible for immediate reelection at the end of ~~his/her~~ term. (Am 25 Jan 72) (Am 22 May 03)

~~02.01.02 The secretary of the Faculty is chosen by the Executive Committee from among its membership at the first meeting of the academic year. The term of office is one year. (Am 25 Jan 72) (Am May 2005)~~

02.01.03 The election of the Chair of the Faculty shall be conducted as provided in chapter 7 of the bylaws of the Division.

02.01.04 The Chair assumes office on the first day of September following ~~his/her election at a regular election or immediately upon completion of the ballot count at a special election. The secretary takes office immediately upon appointment~~. (Am 25 Jan 72) (Am 30 May 06)

03 Meetings

03.01 Meetings may be called by the Chair of the Faculty or by the Dean of the school. At the written (email) request of five voting members of the Faculty,

02.01 The Officer of the Faculty consists of a Chair.

02.01.01 The Chair of the Faculty is elected for a three-year term and is not eligible to serve another immediate term unless the previous term lasted for less than one year. The election is conducted in accordance with the procedure prescribed in these bylaws. If the Chair is unable to complete the term of office, the Secretary-Parliamentarian of the Division shall within two months conduct an election in accordance with the procedure prescribed in these bylaws for the unexpired term. If a person so elected fills the vacancy for a period of not more than one year, the provision of this bylaw regarding immediate reelection shall not apply and the person shall be eligible for immediate reelection at the end of the current term. (Am 25 Jan 72) (Am 22 May 03)

(removed)

02.01.02 The election of the Chair of the Faculty shall be conducted as provided in chapter 7 of the bylaws of the Division.

02.01.03 The Chair assumes office on the first day of September following the regular election or immediately upon completion of the ballot count at a special election. (Am 25 Jan 72) (Am 30 May 06)

03 Meetings

03.01 Meetings may be called by the Chair of the Faculty or by the Dean of the school. At the written (email) request of five voting members of

the Chair must call a meeting. ~~He/she~~ must call at least one meeting each regular term in each year. (Am 25 Jan 72) (Am 5 Dec 2017)

03.01.01 A quorum consists of twenty-five percent of the members of the Faculty. (Am 25 Jan 72)

03.01.02 A motion to submit a measure to mail or ~~e-mail~~ ballot has precedence over a motion for a vote in a meeting. (Am May 2005)

03.01.03 The Chair must send, at least five days before each meeting, a call for the meeting together with all pertinent documents to each member of the Faculty. The Faculty shall not change curricular requirements of the school or change these bylaws at the meetings at which such proposals for change are first made unless notice is previously given to all members of the Faculty in a call to the meeting. (Am 25 Jan 72) (Am May 2005)(Am 5 Dec 2017)

03.01.04 These bylaws constitute primary rules of order for meetings of the Faculty and of the committees of the Faculty. The order of business is that prescribed in chapter 4 of the bylaws of the Division. Questions of order not covered by these bylaws or those of the Division are covered by Robert's Rules of Order, Newly Revised.

03.01.05 The minutes of every meeting of the Faculty shall be recorded by a staff member, reviewed and edited by the ~~secretary of the Faculty~~ and Faculty Chair, and sent within twenty-one (21) days to every member of the Faculty. (Am May 2005)(Am 5 Dec 2017)

04 Committees

the Faculty, the Chair must call a meeting. The Dean or Chair must call at least one meeting each regular term in each year. (Am 25 Jan 72) (Am 5 Dec 2017)

03.01.01 A quorum consists of fifty percent of the members of the Faculty of the School of Education who are members of the Academic Senate and not emeritus faculty. A quorum is necessary to conduct any official business at such meeting. (Am 25 Jan 72)

03.01.02 A motion to submit a measure to mail or electronic ballot has precedence over a motion for a vote in a meeting. (Am May 2005)

03.01.03 (no change)

03.01.04 (no change)

03.01.05 The minutes of every meeting of the Faculty shall be recorded by a staff member, reviewed and edited by the Chair of the Faculty, and sent within twenty-one (21) days to every member of the Faculty. (Am May 2005) (Am 5 Dec 2017)

04.01 There shall be an Executive Committee consisting of the Chair of the Faculty, ex officio; the Dean of the school, ex officio; a Faculty member from each Area Group as provided in ~~E4.1.4~~ and Director of Teacher Education, ex officio. No member is eligible for immediate reelection (except as an ex officio member), but ~~he/she becomes~~ eligible after one year of non-service. ~~The Chair and secretary of the Faculty occupy corresponding offices in the Executive Committee.~~ (Am 25 Jan 72) (Am 25 May 00)(Am May 2005) (Am 29 May 12)

04.01.01 The elected faculty membership shall consist of one representative from each Area Group, elected at large from the ~~Graduate~~ School of Education who will represent each Area Group. (Am 25 Jan 72) (Am May 2005) (Am 29 May 12) (Am 2 Dec 14)

04.01.01.01 The term of office of members of the Executive Committee is two years.

04.01.01.02 The election of Faculty members is held by ~~email~~ ballot as provided in chapter 7 of the bylaws of the Division. ~~For purposes of these elections, members of the Executive Committee are considered Officers of the Faculty of the school.~~ Members of the Executive Committee take office on the first day of September following their election at a regular election or immediately upon completion of the ballot count at a special election. (En 25 Jan 72)(Am 22 May 07)(Am 5 Dec 2017)

04.01.01.03 Whenever the Executive Committee determines that a vacancy exists in its membership, the Secretary-Parliamentarian of the Division conducts an election in accordance with the prescribed procedure, provided the vacancy is to last more than six months. A

04 (no change)

04.01 There shall be an Executive Committee consisting of the Chair of the Faculty, ex officio; the Dean of the school, ex officio; a Faculty member from each Area Group as provided in 04.01.01 and Director of Teacher Education, ex officio. No member is eligible for immediate reelection (except as an ex officio member), but a member can become eligible after one year of non-service. (Am 25 Jan 72) (Am 25 May 00) (Am May 2005) (Am 29 May 12)

04.01.01 The elected faculty membership shall consist of one representative from each Area Group, elected at large from the School of Education who will represent each Area Group. (Am 25 Jan 72) (Am May 2005) (Am 29 May 12) (Am 2 Dec 14)

04.01.01.01 (no change)

04.01.01.02 The election of Faculty members is held by electronic ballot as provided in chapter 7 of the bylaws of the Division. Members of the Executive Committee take office on the first day of September following their election at a regular election or immediately upon completion of the ballot count at a special election. (En 25 Jan 72) (Am 22 May 07) (Am 5 Dec 2017)

04.01.01.03 Whenever the Executive Committee determines that a vacancy exists in its membership, the Secretary-Parliamentarian of the Division conducts an election in accordance with the prescribed procedure, provided the vacancy is to last more than six months. A vacancy shall be declared to exist

<p>vacancy shall be declared to exist and the committee member considered to have resigned if he/she anticipates an absence from the committee of more than six months. Vacancies of six months or less are filled temporarily by appointment by the Chair of the Faculty with the advice and consent of the Executive Committee. (En 25 Jan 72)(Am May 2005)</p>	<p>and the committee member considered to have resigned if <u>that member anticipates</u> an absence from the committee of more than six months. Vacancies of six months or less are filled temporarily by appointment by the Chair of the Faculty with the advice and consent of the Executive Committee. (En 25 Jan 72)(Am May 2005)</p>
<p>04.01.02 The Executive Committee has the following functions:</p>	<p>04.01.02 (no change)</p>
<p>04.01.02.01 The Executive Committee has the general oversight of the academic welfare and discipline of students in the school and has the power to bring before the Faculty any matters that the committee deems advisable.</p>	<p>04.01.02.01 (no change)</p>
<p>04.01.02.02 The Executive Committee appoints and designates the Chairs of all other standing committees and all special committees of the Faculty unless otherwise directed at a meeting of the Faculty. (Am 25 Jan 72)</p>	<p>04.01.02.02 The Executive Committee <u>appoints, designates, and approves</u> the Chairs of all other standing committees and all special committees of the Faculty unless otherwise directed at a meeting of the Faculty. (Am 25 Jan 72)</p>
<p>04.01.02.03 The Executive Committee acts finally (a) in the awarding of all degrees to students of the school in all cases which do not involve the suspension of regulations or that involve only minor adjustments in the curricula and (b) in the awarding of honors at graduation. The committee is likewise empowered to act on petitions of students for graduation under suspension of the regulations. The committee will report all degrees approved to the Division. (Am 29 May 12)</p>	<p>04.01.02.03 (no change)</p>
<p>04.01.02.04 The Executive Committee makes recommendations to the Faculty in the establishment, modification, and discontinuation of school instructional programs, curricula, and credential</p>	<p>04.01.02.04 (no change)</p>

	programs. (Am 25 Jan 72) (Am May 2005)		
04.01.02.05	The Executive Committee makes recommendations to the Division regarding courses. (Am 29 May 12)	04.01.02.05	(no change)
04.01.02.06	The Executive Committee reviews and makes recommendations to the Dean of the Graduate School of Education regarding proposals for the establishment of new program areas or modifications of existing program areas. (Am May 2005)	04.01.02.06	The Executive Committee reviews and makes recommendations to the Dean of the School of Education regarding proposals for the establishment of new program areas or modifications of existing program areas. (Am May 2005)
04.01.02.07	The Executive Committee establishes and maintains liaison with the Executive Committees of the other colleges and schools in the Division.	04.01.02.07	(no change)
04.01.02.08	The Executive Committee assists the Dean on his/her request in matters relating to the administration of the Graduate School of Education. (Am May 2005)	04.01.02.08	The Executive Committee assists the Dean on <u>the Dean's</u> request in matters relating to the administration of the School of Education. (Am May 2005)
04.02	There shall be a standing teacher education committee consisting of a Chair, who is a ladder faculty member, and two other ladder faculty members, along with the following: at least one member representing the teacher credential program, including one representative from UCR Extension; the Director of Teacher Education, ex officio; the Dean of the Graduate School of Education, ex officio; and, when possible, one graduate student representative selected by the Graduate Student Association of GSOE, and one from the Student Representative Committee, both without voting rights. The Chair shall have the right to ask for a closed meeting, excluding student member, under certain circumstances, including but not limited to discussions of personnel matters, and of students when student privacy is	04.02	There shall be a standing <u>Teacher Education Committee</u> consisting of a Chair, who is a faculty member, and two other faculty members, along with the following: at least one member representing the <u>Teacher Credential Program</u> , including one representative from UCR Extension; the Director of Teacher Education, ex officio; the Dean of the School of Education, ex officio; <u>the SOE Institutional Research Analyst, ex officio</u> ; and, when possible, one graduate student representative from the Student Representative Committee, without voting rights. The Chair shall have the right to ask for a closed meeting, excluding <u>the student member(s)</u> , under certain circumstances, including but not limited to discussions of personnel matters, and of students when student privacy is a concern. The duty of the committee is to advise on

a concern. The duty of the committee is to advise on the operation of teaching credential programs. This committee also works in conjunction with the Graduate Advisory Committee (GAC) ~~with regard to~~ the M.Ed. degree, which closely aligned with teacher education. (En 25 Jan 72) (Am May 2005) (Am 29 May 12) (Am 2 Dec 14) (Am 5 Dec 2017)

04.03 There shall be a standing graduate advisory committee consisting of faculty members from each Area Group, the graduate advisor, ex officio, ~~Associate Dean of the Graduate School of Education ex officio;~~ and, when possible, one graduate student representative selected by the Graduate Student Association of ~~GSOE~~, without voting rights. The Chair shall have the right to ask for a closed meeting, excluding student member, under certain circumstances, including but not limited to discussions of personnel matters, and of students when student privacy is a concern. The duty of this committee is to advise on the operation of graduate degree programs. (M.Ed., M.A, and Ph.D.). (En 25 Jan 72) (Am May 2005) (Am 29 May 12) (Am 5 Dec 2017)

04.04 There shall be a standing undergraduate education committee. The members of the committee will consist of ~~a Chair and minimum of four members of the GSOE; the Chair plus two members must be ladder faculty. The Associate Dean of Undergraduate Education shall be ex officio.~~ The duty of this committee is to advise on the operation of all programs that pertain to undergraduate

the operation of the teaching credential programs. This Committee also works in conjunction with the Graduate Advisory Committee (GAC) regarding the M.Ed. degree, which is closely aligned with teacher education. (En 25 Jan 72) (Am May 2005) (Am 29 May 12) (Am 2 Dec 14) (Am 5 Dec 2017)

04.03 There shall be a standing Graduate Advisory Committee consisting of faculty members from each Area Group, the graduate advisor, ex officio; and, when possible, one graduate student representative selected by the Graduate Student Association of SOE, without voting rights. The Chair shall have the right to ask for a closed meeting, excluding student member(s), under certain circumstances, including but not limited to discussions of personnel matters, and of students when student privacy is a concern. The duty of this committee is to advise on the operation of graduate degree programs. (M.Ed., M.A, and Ph.D.). (En 25 Jan 72) (Am May 2005) (Am 29 May 12) (Am 5 Dec 2017)

04.04 There shall be a standing Undergraduate Education Committee. The members of the Committee will consist of a Chair and a minimum of four Faculty members of the School, from each Area Group, when possible; at least one undergraduate staff advisor, ex officio; the SOE enrollment manager, ex officio; the Associate Dean of Undergraduate Education Programs, ex officio; and, when possible, one undergraduate student

education in the school. (En 5 May 2005) (Am 2 Dec 14) (Am 5 Dec 2017)

- 05 Election and Balloting
- 05.01 Elections are conducted as specified in ~~E2.01.01, E2.01.03, E4.01.01, E4.01.01.01, E4.01.01.02, E4.01.01.03, and E4.01.01.04.~~ (En 25 Jan 72)
- 05.01.01 ~~Email~~ balloting on measures referred to the whole Faculty of the school by action of a meeting of the Faculty are conducted by the Secretary-Parliamentarian of the Division following the provisions of chapter 7 of the Division bylaws. (En 25 Jan 72) (Am 5 Dec 2017)

representative selected by the Faculty Executive Committee or the ASUCR Representative, without voting rights. The Chair shall have the right to ask for a closed meeting, excluding the student member(s), under certain circumstances, including but not limited to discussions of personnel matters, and of students when student privacy is a concern. The duty of this committee is to advise on the operation of all programs that pertain to undergraduate education in the school. (En 5 May 2005) (Am 2 Dec 14) (Am 5 Dec 2017)

- 05 (no change)
- 05.01 Elections are conducted as specified in 02.01.01, 02.01.02, 04.01.01, 04.01.01.01, 04.01.01.02, 04.01.01.03, and 04.01.01.04. (En 25 Jan 72)
- 05.01.01 Electronic balloting on measures referred to the whole Faculty of the school by action of a meeting of the Faculty are conducted by the Secretary-Parliamentarian of the Division following the provisions of chapter 7 of the Division bylaws. (En 25 Jan 72) (Am 5 Dec 2017)
- 6 Amendment and Suspension of Bylaws and Regulations
- 6.01 These bylaws can be amended or suspended only as provided in chapter 6 of the bylaws of the Division.

Statement of Purpose and Effect: The Faculty Executive Committee proposes the following changes to the bylaws:

- 1) The use of gender-neutral language and pronouns to promote inclusivity and demonstrate the School of Education's commitment to inclusion. These changes were made throughout the bylaws. Additional changes have been made to fix grammatical errors that may have been caused by changing to gender-neutral language.
- 2) The School of Education received approval in the Fall 2021 to change its name from the Graduate School of Education to School of Education. The bylaws were updated to reflect this change. These changes were made throughout the bylaws.

- 3) Changing the diction of e-mail to electronic in referring to matters of voting is because voting is not conducted only by e-mail. The voting is conducted by way of an electronic tool.
- 4) The School of Education is removing the Secretary position as a position and Officer in the Faculty Executive Committee. Changes were made to bylaws sections of 01 Membership and 02 Officers to remove the Secretary position. The School of Education no longer utilizes this position in its governance structure and does not wish to replace it with a different position.
- 5) The bylaw 03.01.01 was updated to increase the quorum requirements from 25% to 50% of the faculty and to clarify who is considered a member of the faculty for quorum checks. The new threshold of 50% quorum will also ensure that a majority of faculty members are involved when business is discussed and voted upon.
- 6) The section 04 Committees was updated to reflect the current membership needs of the School of Education for its governance structure.
- 7) The section 06 of Amendment and Suspension of Bylaws and Regulations was added to include language about when the School of Education is permitted to amend or suspend the bylaws.

Approved by the Faculty of the School of Education:

14 February 2023

Section below is for Senate use only

(if applicable) Approved by the Committee on ____n/a____(leave blank)

The Committee on Rules and Jurisdiction finds the
wording to be consistent with the code of the
Academic Senate:

May 1, 2023

Received by Executive Council:

May 5, 2023

To Division- Spring 2023

**SCHOOL OF MEDICINE FACULTY EXECUTIVE COMMITTEE
REPORT TO THE RIVERSIDE DIVISION**

May 23, 2023

To Be Adopted

Proposed Changes School of Medicine Bylaw ME 05.02.05.04

PRESENT:

ME 05.02.05.04

The Faculty Executive Committee ~~makes recommendations to the Faculty in the establishment, modification, and discontinuation of all School instructional programs and curricula.~~ (Am 21 Feb 2012)

PROPOSED:

ME 05.02.05.04

The Faculty Executive Committee delegates authority to the MEC for oversight, management, and governance of the medical education curriculum of the School of Medicine, and the MEC has final authority over the curriculum and medical education.

Statement of Purpose and Effect:

The MEC is made up of faculty which ensures shared faculty governance. Moreover, the MEC, which also includes student representatives, reports its activities back to the FEC and the entire SOM faculty during the annual all faculty meeting when faculty can voice any questions and suggestions, and the FEC oversees the composition of the MEC in accordance with the existing bylaws.

The Liaison Committee on Medical Education (LCME) accreditation recommendation.

LCME Element 8.1 (curricular management)

A medical school has in place an institutional body (i.e., a faculty committee) that oversees the medical education program as a whole and has responsibility for the overall design, management, integration, evaluation, and enhancement of a coherent and coordinated medical curriculum.

LCME Finding

According to the school of medicine bylaws, the Medical Education Committee (MEC) has primary responsibility for the oversight and management of the curriculum. However, the bylaws/guidelines for the MEC state that MEC decisions on educational policy or curriculum are not final until approved by the Faculty Executive Committee. Thus, it is not clear which committee is responsible for the management of the curriculum.

Approved by the Committee on: SOM Faculty Executive Committee (11/17/2022)
Or
Submitted by Marcus Kaul, Ph.D., Chair of SOM Faculty Executive Committee

Section below is for Senate use only

(if applicable)

Approved by Graduate Council

January 19, 2023

The Committee on Rules and Jurisdiction finds the
wording to be consistent with the code of the
Academic Senate:

March 29, 2023

Received by Executive Council:

April 10, 2023



Academic Senate

GRADUATE COUNCIL

January 19, 2023

To: Sang-Hee Lee, Chair
Riverside Division

From: Christiane Weirauch, Chair
Graduate Council

Re: [Campus Review] Bylaw Change: Proposed Changes School of Medicine Bylaw
ME 05.02.05.04 (Medical Education Committee)

Graduate Council reviewed the proposed changes to School of Medicine Bylaw ME 05.02.05.04 at their January 19, 2023 meeting. The Council was supportive and voted in favor of the revised bylaws.