# REGULAR MEETING OF THE RIVERSIDE DIVISION <br> TUESDAY, FEBRUARY 21, 2012 <br> GENOMICS AUDITORIUM ROOM 1102A <br> 2:10 p.m. 

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Proposed Resolution Concerning the Right of Assembly-- Committee on Academic Freedom

February 15, 2012
D.J. Ozer, Secretary-Parliamentarian

Riverside Division of the Academic Senate

# MINUTES OF THE REGULAR AND ANNUAL MEETING OF THE RIVERSIDE DIVISION 

MEETING: The Riverside Division of the Academic Senate met on Tuesday, November 29 at 2:10 p.m. in the Genomics Auditorium Room 1102A. Chair M. Gauvain presided.

MINUTES: The Minutes of the Regular meeting of May 24, 2011 were approved as distributed.

ANNOUNCEMENTS BY THE CHANCELLOR: Chancellor White opened his remarks by noting that the effects of the poor economy and the state's disinvestment in education continue to be felt, and those factors among others are reflected in recent protest events on several of the campuses of the University. He reported that the Academic Council had met and sent to President Yudof four points that the Council had adopted regarding UC and campus protests: An expression of outrage at the display of force used; the necessity of a clear chain of command, the need to exercise restraint in responding to the protest, and the support of the right of free speech and assembly.

The Chancellor described several campus efforts to enable all voices to be heard while maintaining the environment necessary to continue the core activities of the University. He described meetings among various campus officials so that policies and procedures for responding to protest activities were well understood. Dean Stephen Cullenberg and Dean Sharon Duffy will organize campus forums to be held in the Winter and Spring for both faculty and students to provide an opportunity for ongoing discussion of concerns. The Chancellor made clear that while the free speech rights of protesters must be respected, the University would not permit such protests to violate the rights of students and faculty who choose to engage in the regular teaching, learning, and research activities in the academic spaces of the University.

The Chancellor then addressed ongoing budget concerns. He announced that the anticipated additional $\$ 100$ million cut to the UC will be absorbed centrally, and will not affect our campus or students directly this year. It will be quite important, however, for this to be a one-time cut and not a reduction in the permanent budget. Meanwhile, the Working Smarter initiatives are starting to have an impact on each campus. For example, we have realized additional funds for our School of Medicine and there has been a 3\% pay increase for faculty and non-represented staff.

The Strategic Plan calls for increasing our number of international and out of state students. The goal is to raise the proportion of international or out of state undergraduates from the current 1\% to 8-10\% over the next four years. If we admit 1,500 new international or out of state students, it would mean an additional $\$ 35$ millionper year to our campus. These gains, of course, can be realized only if these students are successful.

Finally, the Chancellor reminded the faculty that CNAS Dean Thomas Baldwin will begin a new position as Executive Associate Dean for External Relations for CNAS as of Jan. 1, 2012. Chancellor White asked faculty to submit nominations for the position of Interim Dean of CNAS to either his office or the office of the EVC/P by December 5.

At this point, the Chancellor opened the floor to questions on any of the items he had discussed. Professor Jose Wudka asked if there are any guidelines for the students on how to lawfully protest. The Chancellor stated there are but they are not as readily available as needed and the policy differs from campus to campus. Good communication with the students is key. Our campus police will respond to activities that endanger others (e.g., rock throwing) but otherwise will refrain from the use of force. President Yudof is working on a set of clear goals and rules that would apply to all campuses. The Chancellor then called on Vice Chancellor of Student Affairs Jim Sandoval for his input. He informed the faculty there is a useful checklist for peaceful demonstrations on the Dean of Student's website. Professor Len Nunney then spoke to emphasize the importance of police exercising restraint in dealing with student protesters. The Chancellor stated that both of Police Chief Mike Lane and Assistant Chief John Freese, both graduates of UCR, clearly want what is best for our students and campus, and will do their best to maintain safety for everyone.

ANNOUNCEMENTS BY THE EXECUTIVE VICE CHANCELLOR AND PROVOST: There were no announcements by the Executive Vice Chancellor and Provost.

ANNOUNCEMENT BY THE SECRETARY-PARLIAMENTARIAN: Professor D. Ozer, SecretaryParliamentarian, announced that the election report was found on page 7 of the full agenda.

For the position of Representative to the Assembly, an election was held and Professor Patricia Morton was elected for a two year term but shortly after, she had to resign the position. Another election was held and Professor J. S. Holt was elected to serve as Representative.

ANNOUNCEMENTS BY THE CHAIR: Chair Gauvain announced that following the meeting there would be a short question and answer sessions. She proceeded to update the faculty on the incidents on the UC Davis and Berkeley campuses. There will be increased procedures put in place following the pepper spraying incident at UC Davis. President Yudof has hired Bill Bratton, former Los Angeles Police Chief, and Former Supreme Court Judge Reynosa to lead two separate inquiries. Bratton's report will be an independent fact finding report to be completed within 30 days. The Reynosa Task Force will review the Bratton report and make policy recommendations for the two campuses. A third group, headed by Chris Edley and General Counsel Charlie Robinson will review police policies and reporting structures. A fourth group will be an independent inquiry by the Senate at UC Davis. At Berkeley, the Senate called an emergency meeting on November 28, with over 300 faculty members with the initial intention of casting a vote of no confidence in the Chancellor, Vice Chancellor, and Vice Chancellor of Student Affairs. Prior to the meeting, it was changed to a condemnation of their behaviors before and after the incident; it passed with a vote of 336 for and 34 against. A letter will be sent to President Yudof with this information.

Chair Gauvain informed faculty that three reports have been posted to the Academic Senate Website: Systemwide Review of Salary Equity Study, Academic Council Implementation Task Force Report, July 2011, and the UCORP University of California Research Mission Statement, October 2011. In the first report, data shows the kinds of inequities we've seen by gender for many years do not seem to be going away or improving. These are important to think about in terms of issues of salary equity and morale on campus but also in terms of national conversations.

The Academic Council Implementation Task Force Report was in response to an earlier report on the size of the university and the need to shrink the university in order to offer a better quality of education. The Task Force was assigned to look at implementation of the idea of quality as applied to the institution and thought about the issues in the context of the current budget climate and developed the report composed of a set of principles and action items.

Chair Gauvain highlighted key principles the Academic Council has discussed and voted on recently. Rebenching is the terminology used to refer to how state funds are allocated to the 10 campuses. The Council voted unanimously to adopt the principle that rebenching must occur and proceed as soon as possible; without this, UCR would have a net loss. The fundamental objective to evaluating budget reform, enrollment plans and other UC policies should be to preserve UC's excellence in research. The Academic Council puts quality before access and affordability if necessary. Funding allocated to campuses based on graduate and undergraduate instruction must support the research enterprise. The state subsidy per student should not depend on the campus the student attends. This recommendation follows from our core value that UC is one university with one standard of excellence at its 10 campuses. The cost of a UC quality education is the same on every campus and they should be funded accordingly. It is essential that the university enroll the number of California residents that the state considers funded. The Academic Council favors reducing the incentive for campuses to over-enroll unfunded resident undergraduates. For campuses that over-enroll unfunded resident undergraduates, there should be no state subsidy provided for students above targeted enrollments. The University should establish a transparent basis for allocating state funding that is adjustable as campuses evolve. The complete report can be found on the Senate website and has a wealth of additional information, including mechanisms for allocating state funding for undergraduate enrollments, principles and formula for establishing campus targets for managing enrollments across the campuses for funded and unfunded students, recommendations for Ph.D. and professional school students among other recommendations focusing on academic graduate students. One very strong principle in this group is that the Council opposes the use of non-resident tuition for academic graduate students. Dr. Gauvain encouraged the faculty to read the report.

The University Committee on Research Policy (UCORP) recently put forward the following mission statement, hoping President Yudof would put on the front page of the UC website. UCORP felt strongly that the integration of teaching and research needs to be emphasized. The full Mission Statement is as follows:
"Research is central in the University of California's mission to benefit California and the world as we discover, interpret, apply and communicate new knowledge and innovations that ensure the quality education we provide our students, inspiring them to be leaders and contributors to the public good.

- Research: The California Master Plan for Higher Education designates UC as "the state's primary academic research institution," charged with providing the highest quality both in research and in undergraduate, graduate and professional education.
- Discover: UC researchers discover new basic and applied science, technological, social, and cultural knowledge that benefits California and the world.
- Interpret: UC researchers make new discoveries while also preserving and re- exploring
historical and cultural knowledge.
- Apply: The work of UC researchers inspires new ways of thinking, solutions and innovations that catalyze the industries, economy, society, and culture of California.
- Educate: UC researchers give students unique access to the newest and best research that prepares them to be life-long learners, leaders and contributors to society. At UC, research and teaching are part of a single act of exploring and communicating knowledge.
- Communicate: As both researchers and educators, UC faculty are committed to conveying new knowledge, discoveries to our students, stakeholders, policy makers and the public."

SPECIAL ORDERS: The Consent Calendar was adopted with unanimous consent and the Reports of Standing Committees were received and placed on file.

ANNUAL REPORTS OF FACULTIES: The Annual Reports of Faculties were received and placed on file.

REPORT OF THE REPRESENTATIVE TO THE ASSEMBLY: Professor M. Gauvain announced there was no report submitted but the minutes of the June 8,2011 meeting would be on the Assembly website.

## REPORTS OF STANDING COMMITTEES AND FACULTIES

A. Professor Tim Close, Chair of the Committee on Charges, presented and moved adoption of the proposed change in Bylaw 8.7.3.1 and 8.7.4 found on page 82 of the full agenda. The motion was unanimously adopted.
B. Professor Marylynn Yates, Member of the Interim Executive Committee, School of Public Policy, presented and moved adoption of the proposed School of Public Policy Bylaws found on page 85 of the full agenda. The motion was unanimously adopted.
C. Professor Ken Barrish, Chair of the Graduate Council, presented and moved adoption of the proposed Regulation GR 1.6 regarding the Professional Development Requirement for Graduate Students found on page 87 of the full agenda. The motion was unanimously adopted.
D. Professor Ken Barrish, Chair of the Graduate Council, presented and moved adoption of the Proposal for a Flexible, Fully-Employed MBA (Flex MBA, FEMBA) Program found on page 88 of the full agenda. The motion was unanimously adopted.
E. Professor Ken Barrish, Chair of the Graduate Council, presented and moved adoption of the Proposal for a Master of Arts in Finance found on page 147 of the full agenda. The motion was unanimously adopted.
F. Professor S. Clark, Chair of the Committee on Undergraduate Admissions, presented and moved adoption of the Proposed Change in the Transfer Student Admission Selection Criteria Implementation Date found on page 214 of the full agenda. The motion was seconded and adopted.

## New Business

There being no further business, the meeting adjourned at 3:05 p.m.
ATTEST:
D. Ozer, Secretary-Parliamentarian

Riverside Division of the Academic Senate

Marla Jo Booth
Recording Secretary

# IN MEMORIAM 

Martin McRae Barnes<br>Professor of Entomology, Emeritus<br>UC Riverside<br>August 3, 1920 - April 22, 2007

Dr. Martin M. Barnes, UCR Professor Emeritus and founding member of FERM, passed away at age 86 on Sunday, April 22, 2007, in Riverside. During his university career, Martin achieved national and international recognition for his research on the control of arthropod pests of almonds, apples, grapes, and walnuts. He published his first paper on control of codling moth in 1944, while still a student at Cornell University. Upon graduation in 1946, Martin married J ulia Butts and moved to Riverside, CA to begin his career at the Citrus Experiment Station

Martin McRae Barnes was born on 3 August 1920 in Calgary, Alberta, Canada, but spent his early years on cotton plantations in Louisiana and Arkansas where the Barnes family had lived for generations. His family moved to San Gabriel, California, in 1927. As a teenager, Martin took summer jobs in the laboratory of Joe Wilcox, a USDA entomologist (and noted asilid taxonomist), which launched him on a career in entomology. After attending PasadenaCity College for two years, Martin transferred to UCLA for one year and then to UC Berkeley, where he graduated with highest honors in 1941. Martin began graduate studies at UCB, but transferred in March 1942 to a PhD program at Cornell, where his research focused on insect pest management in apple orchards of western New York.

Martin and Julia, who died in 1987, raised four children in the home they built in 1954 on Prince Albert Drive. He was devoted to his family and very proud of their accomplishments. Martin is survived by sons Wayne Morris of University City, MO, Martin Killian of Vers, France, and Brian McRae of Fairbanks, AK, daughter Delia Elizabeth of Berkeley, CA. and eleven grandchildren.

During his 45 years of research, first as an economic entomologist at the Citrus Experiment Station and then as a professor at UCR, Martin worked on a variety of problems in entomology and plant pathology, always with a focus on the practical needs of agriculture. Much of Martin's research \{often in collaboration with graduate students) involved the codling moth, a major pest of apples and pears, and included the morphology of the female sex pheromone gland, the sense organs of the mouthparts, host race formation, baseline susceptibility to insecticides, detection using synthetic sex pheromone lures, and insecticidal control.

Early in his career Martin solved a problem that had resulted in significant losses in production in many of California's choice wine grape vineyards since the 19th Century. While other investigators at UCDavis and Berkeley had
diagnosed an eriophyid mite as the cause of symptomatic growth malformations and low yield, Martin demonstrated that the problem was actually related to time of winter pruning and boron deficiency. Midwinter pruning advanced the time of leafing earlier in spring, before the vines had time to acquire sufficient boron, a trace element essential for plant growth. This study proved valuable in agriculture far beyond California. In 1966, Martin moved with his family to Santiago, Chile, to introduce entomology research practices at the University of Chile through a Ford Foundation program. When Martin knocked on the door of a wine grower in southern Chile to request permission to examine his grapevines, the farmer recognized his name and invited him into the house to show him a reprint copy of the boron-deficiency paper, which he said had saved his vineyard.

At UCR, Martin directed eight M.S. theses and 12 Ph.D. dissertations and chaired the Executive Committee of the College of Natural and Agricultural Sciences. He authored 70 research papers, several book chapters, and over 100 technical and popular publications.

Dr. Barnes served the Entomological Society of America (ESA) as a member of the Governing Board, as Chair of Section F, as both member and Chair of the Editorial Board of the J ournal of Economic Entomology, on several national committees, and as a committee member, Program Chair, and President of the Pacific Branch of the ESA. He was elected a Fellow of the American Association for the Advancement of Science in 1957, elected a Fellow of the ESA in 1991, and awarded Honorary Membership in 1996. He retired from UCR as a full professor in 1991after 45 years of service.

Martin was a staunch supporter of branches of entomology outside of his primary research field, including the systematics division, the perpetual 'poor man' of the department. During his brief stint as EntomologyDepartment Chair during 1988, Martin's strong advocacy helped to ensure construction of the Entomology Research Museum Building, which ensued soon thereafter. The Museum Buildingfinally ensured a home for the department's insect collection, whose cabinets had been in hallways and scattered rooms throughout the main Entomology Building.

Even in retirement, Martin continued to serve the university community. In 1993, when a new USDA Soil Salinity Laboratory on cam-pus was threatened by the discovery on the proposed construction site of a newly discovered and potentially endangered species (see insert on Ruth's cuckoo bee), Martin was tasked with helping to organize the "Cuckoo Bee Task Force". The CBTF, comprised primarily of students and departmental staff on loan from their supervisors, discovered other localities for the bee, thereby disproving its endangered status and allowing the construction project to proceed. Martin later helped to create the Friends of the Entomology Research Museum and served as its first Treasurer.

Martin enjoyed traveling, and after his retirement he visited Africa, Alaska, Central Asia, Cuba, Europe, and Central and South America. He participated with members of FERM on several insect collect-ing and natural history trips to Arizona, Texas, Costa Rica, Honduras, Brazil, and the Galapagos Islands. In 1990, Martin joined Greg Ballmer, Guy Bruyea, David Hawks, and Elois Hawks on an especially memorable trip to the Amazonian rainforest in Rondonia, Brazil. For years after that trip, he enjoyed telling "Brazil stories", including how he had "buck fever" during his first attempt to net a specimen of a large, iridescent blue Morpho butterfly. He was successful, and this specimen now resides in the UCR Entomology Museum.

Martin's activities diminished after suffering a stroke in 2003, but he continued to live at home until February 2006, and enjoyed going out to dinner and the company of his friends and family until shortly before his death

Professor M. K. Rust, Chair; Professor Emeritus M. S. Mulla, SRA D. Hawks, and SRA G. R. Ballmer, all of the Department of Entomology

## IN MEMORIAM WALTER EBELING Professor Emeritus of Entomology UC Riverside November 26, 1907 - December 17, 2010

Walter Ebeling, world-renowned entomologist and pioneer in the field of Urban Entomology, died 17 December 2010 in a care facility in Bandon, Oregon at the age of 103. "Professor Ebeling was a legendary research entomologist," said Dr. Michael Rust, Professor of Entomology at the University of California, Riverside, who replaced Dr. Ebeling upon his retirement in 1975. "He had tremendous abilities, tireless energy, and a passion for science. He was an expert in so many fields of entomology including agriculture, physiology, and insect behavior. Dr. Ebeling helped develop Urban Entomology into a respected independent area of research."

Ebeling was born in Beaumont, a small town on the edge of the desert east of Los Angeles, CA. An avid outdoorsman throughout his life, he developed an interest in insects at an early age. He attended U.C. Berkeley, receiving his Ph.D. in Entomology in 1929. He began his career as an entomologist the following year at the Riverside Citrus Experiment Station, later to become the University of California, Riverside, developing strategies to control scale and mite insect pests of citrus. In 1946, Dr. Ebeling transferred to UCLA, where he became a tenured professor teaching courses and conducting research affecting citrus, avocado, and other crops and urban ornamental plants. Dr. Ebeling published Subtropical Entomology in 1950, soon becoming a recognized expert in the field.

In 1954, Professor Ebeling published the classic book Subtropical Fruit Pests, which is still widely used today. As a result of its publication, Dr. Ebeling was recognized as an expert in fumigation and alternative pest management strategies and traveled for years throughout the United States and to Mexico, South America, India, and Africa as a much-desired consultant to independent growers as well as governments that depend on citrus as a vital part of their economies.

Dr. Ebeling spent a year in Egypt in 1958 on a Fulbright Professorship, conducting research on insecticide modes of action. Dr. Ebeling traveled to central Africa for 6 months, where he became fascinated with termites and the damage they cause. Dr. Ebeling twice spent nearly six months in India, having been commissioned by the Food and Agriculture Organization (FAO] to develop practical ways to protect grain during storage. He helped develop strategies using native Indian clays rather than pesticides for protecting bulk grain, one of the first IPM (non-pesticide] approaches to prevent and control insect pests. Based on his contributions, Dr. Ebeling was elected Honorary Fellow of the Indian Academy of Pest Control Sciences. Working with desiccant dusts as novel chemicals with unique modes of action, he began research with termites,
cockroaches, and houseflies, and he soon recognized the need and importance of controlling an array of urban and structural insect pests.

Professor Ebeling was the first academic in the west to research Urban Entomology. He was the first to advocate the use of innocuous dusts and borates for insect control, termite pretreatments, and residual insecticides for controlling insect pests indoors. His observation of insects' ability to learn and relationships between repellency and control were controversial, but are now considered essential elements of all insect control programs. He was also among the first to research the basic and practical aspects of sub-zero cold as well as high heat for controlling urban insect pests, especially termites and wood-destroying beetles. His focused, innovative, and quality research evolved into Urban Entomology, then considered a new area of entomology research. Dr. Ebeling is widely considered one of the "Fathers of Urban Entomology."

Published in 1975, Professor Ebeling's textbook Urban Entomology is considered one of the most complete and useful books in urban entomology. Although out of print, it is a classic and remains a treasure to most urban entomologists. As Professor Emeritus, Dr. Ebeling continued to be productive after he retired, publishing two other books: The Fruited Plain: The Story of American Agriculture, a comprehensive study of the history of American agriculture, and Handbook of Indian Foods and Fibers of Arid America, a look at the essential role of insects and other plants and animals in the development of early America in the West.

Professor Ebeling received numerous national and international awards and recognitions for his outstanding accomplishments in entomology, including being elected Honorary Member of the Entomological Society of America. "Professor Ebeling represents everything grand in terms of society benefiting from science. He was an extraordinary scientist, a wonderful person, and such a strong advocate of the University of California and the pest control industry. He will be sorely missed," said Dr. Rust.

Professor Ebeling was preceded in death by his first wife, Ora Mae, and his second wife, Cora. As he wished, Professor Ebeling's ashes were scattered at sea off the southern California coast.

Professor Michael K. Rust (Chair), Professor Bradley A. Mullens, and Staff Research Associate Donald A. Reierson

# COMMITTEE ON COMMITTEES <br> REPORT TO THE RIVERSIDE DIVISION <br> February 21, 2012 

To be received and placed on file:
The Committee on Committees reports the following appointments made since the last report of November 29, 2011:

Appointed Professor Liz W. Kotz of History of Art to serve on the Committee on Undergraduate Admissions.

Appointed Professor Guanshui (Alex) Xu from Department of Mechanical Engineering as a member of the Extension Committee.

Appointed Professor Jay Gan, Environmental Services as a member of the Committee on Academic Planning (CAP) and Walter Clark as the sole Chair of CAP.

Appointed Prof. Ilya Dumer, Electrical Engineering and Yenna Wu, Comparative Literature and Foreign Languages to serve on the Faculty Advisory Council of the Writing Program.

Appointed Professor Byron Adams, Chair of the In Memoriam Committee for Professor Emeritus John C. Crawford. Professor Emeritus Fred Gable, Professor Anthony Ginter (Professor Emeritus of Music) and Professor Emeritus Donald Johns have agreed to serve on the committee.

Provided a slate of 13 names for the interim CNAS Dean Search committee.

Jang-Ting Guo, Economics

Peter Chung, SoBA
Hailing Jin, Plant Pathology
Frank Sauer, Biochemistry
Sheldon Tan, Electrical Engineering
Marguerite Waller, Women's Studies
Yinsheng Wang, Chemistry
Zhenbiao Yang, Botany
Mariam Lam, Comparative Literature

## Committee on Courses Report to the Riverside Division February 21, 2012

To be received and placed on file:
The Committee on Courses has approved the following courses.

| Undergraduate Course |  |  |
| :---: | :---: | :---: |
| NEW | BIEN 136 | Tissue Engineering (3) |
|  | CS 191 | Seminar in Research Topics in Computer Science and Engineering (1) |
|  | DNCE 155 F | Seminar in Dance and Music (4) The Ballets Russes |
|  | ENGL 121 T | Postcolonial Literatures of Asia, Africa, and the Caribbean (4) $\begin{aligned} & \text { Postcolonial Literatures in English from } \\ & \text { Southeast Asia }\end{aligned}$ |
|  | HISE 160 | India and the British Empire (4) |
|  | HIST 010 W | World History: Prehistory to 1500 (4) |
|  | HIST 020 W | World History: Twentieth Century (4) |
|  | HIST 197 | Research for Undergraduates (4) |
|  | LNST 028 | Art and Architecture of Latin America (4) |
|  | ME 005 | The Science of Mythbusting (4) |
|  | ME 140 | Ship Theory (4) |
|  | MSE 136 | Tissue Engineering (3) |
|  | MUS 155 F | Seminar in Dance and Music (4) The Ballets Russes |
|  | MUS 178 | Bluegrass Ensemble (1) |
|  | PHYS 037 | The Origins (4) |
|  | RLST 003 | Is There a Path of Joy? (3) |
|  | SEAS 062 | Introduction to Southeast Asian Literature (4) |
|  | SEAS 063 | Reading Southeast Asian Stories (4) |
|  | SEAS 065 | Introduction to Southeast Asian Cultures (4) |
|  | SEAS 136 | Anthropological Perspectives on Gender in Southeast Asia (4) |
|  | SEAS 161 | Translating Modern Southeast Asian Texts (4) |
|  | SEAS 177 | Vietnamese and Overseas Vietnamese Cinema (4) |
|  | SOC 003 | Theoretical Perspectives in Sociology (4) |
| DELETE | AST 131 | Readings in the Origins of Science in China and Greece (4) |
|  | BIOL 116 L | Laboratory in Ecology and Conservation (2) |
|  | BIOL 166 | Conservation Ecology (3) |
|  | CHN 131 | Readings in the Origins of Science in China and Greece (4) |
|  | CLA 027 A | Classical Literature in Translation: Love and Death (4) |
|  | CLA 027 B | Classical Literature in Translation: Illusion and Reality (4) |
|  | CLA 110 (E-Z) | Latin Literary Genres (4) |
|  | CLA 131 | Readings in the Origins of Science in China and Greece (4) |
|  | CPAC 001 | Comparative Ancient Civilizations: An Introduction (4) |
|  | CPAC 002 | Ancient Civilizations and Modern Identities: An Introduction (4) |
|  | CPAC 131 | Readings in the Origins of Science in China and Greece (4) |
|  | CPLT 020 | Tales of the Supernatural: Literature of the Monstrous and the Uncanny (5) |
|  | CPLT 110 A | Vienna: Sensuality and Seduction (4) |
|  | CPLT 125 | Mutual Fascinations: French-Mexican Cultural Relations (4) |
|  | CPLT 141 | Introduction to East-West Comparative Studies (4) |
|  | CS 021 | Introduction to UNIX (4) |
|  | CS 049 G | Language Laboratory (2) Advanced C++ |
|  | CS 0491 | Language Laboratory (2) C\# |
|  | CS 049 J | Language Laboratory (2) Introductory Java |
|  | CS 049 N | Language Laboratory (2) Hardware Description |
|  | CS 049 Q | Language Laboratory (2) Perl |
|  | CS 049 S | Language Laboratory (2) Bash |
|  | DNCE 072 A | Beginning Tap Dance Technique (2) |
|  | DNCE 072 B | Intermediate Tap Dance Technique (2) |
|  | DNCE 072 C | Advanced Tap Dance Technique (2) |
|  | DNCE 081 B | Dance Cultures, Culture in Dance: Intermediate Level (4) |
|  | DNCE 081 C | Dance Cultures, Culture in Dance: Advanced Level (4) |
|  | DNCE 141 | History of Ballet (4) |
|  | DNCE 142 | History of Modern Dance (4) |
|  | ECON 120 | The Great Economists (4) |
|  | EDUC 150 | Teacher Education Lecture Series (1) |
|  | EUR 110 A | Vienna: Sensuality and Seduction (4) |
|  | GER 110 A | Vienna: Sensuality and Seduction (4) |
|  | LATN 110 (E-Z) | Latin Literary Genres (4) |
|  | WMST 110 | Vienna: Sensuality and Seduction (4) |
| CHANGE | AHS 028 | Art and Architecture of Latin America (4) |


| CHANGE | AHS 120 | Berlin Metropolis in Literature, Film, Music, and Art (4) |
| :---: | :---: | :---: |
|  | ANTH 136 | Anthropological Perspectives on Gender in Southeast Asia (4) |
|  | AST 062 | Introduction to Southeast Asian Literature (4) |
|  | AST 063 | Reading Southeast Asian Stories (4) |
|  | AST 065 | Introduction to Southeast Asian Cultures (4) |
|  | AST 133 | Buddhist Literature (4) |
|  | AST 161 | Translating Modern Southeast Asian Texts (4) |
|  | AST 187 | Vietnamese and Overseas Vietnamese Cinema (4) |
|  | BCH 183 | Plant Biochemistry and Pharmacology of Plant Metabolites (3) |
|  | BIOL 116 | Ecology and Conservation Biology (4) |
|  | BIOL 119 | Introduction to Genomics and Bioinformatics (4) |
|  | BPSC 183 | Plant Biochemistry and Pharmacology of Plant Metabolites (3) |
|  | BUS 010 | Introduction to Business (4) |
|  | BUS 020 | Financial Accounting and Reporting (4) |
|  | CEE 132 | Green Engineering (4) |
|  | CHE 114 | Applied Fluid Mechanics (4) |
|  | CPLT 062 | Introduction to Southeast Asian Literature (4) |
|  | CPLT 063 | Reading Southeast Asian Stories (4) |
|  | CPLT 111 | Berlin Metropolis in Literature, Film, Music, and Art (4) CPLT 110B |
|  | CPLT 144 | Buddhist Literature (4) |
|  | CS 150 | Automata and Formal Languages (4) |
|  | DNCE 081 | Dance Cultures, Culture in Dance (4) DNCE 081A |
|  | EDUC 109 | Education in a Diverse Society (4) |
|  | EDUC 110 | Learning Theory and Psychology in Education (4) |
|  | EDUC 116 | The Exceptional Child (4) |
|  | EDUC 172 | Reading and Language Development (4) |
|  | EDUC 174 | Reading and Writing in the Content Areas (4) |
|  | EDUC 177 A | Language Development in Content Areas (4) |
|  | EE 105 | Modeling and Simulation of Dynamic Systems (4) |
|  | EE 110 A | Signals and Systems (4) |
|  | ENGL 001 C | Applied Intermediate Composition (4) |
|  | ENGL 01H C | Honors Applied Intermediate Composition (4) |
|  | ENGL 01S C | Applied Intermediate Composition for Science and Engineering Majors (4) |
|  | ENGL 102 W | Introduction to Critical Methods (4) |
|  | ENGL 122 (E-Z) | Queer Texts and Bodies (4) |
|  | ENGL 122 F | Queer Texts and Bodies (4) Gothic Fiction and the History of Sexuality |
|  | ENGL 122 G | Queer Texts and Bodies (4) New Queer Brit Lit |
|  | ENGL 122 I | Queer Texts and Bodies (4) British Literature and the History of Sexuality |
|  | ENGL 122 J | Queer Texts and Bodies (4) $\quad \begin{aligned} & \text { Q(ueer) \& A(sian): Gay and Lesbian Asian American } \\ & \text { Literature }\end{aligned}$ |
|  | ENGL 122 K | Queer Texts and Bodies (4) Sex and Popular Culture in the Postwar United States |
|  | ENGL 122 N | Queer Texts and Bodies (4) Queer Aesthetics |
|  | ENGL 122 O | Queer Texts and Bodies (4) Queer American Literature |
|  | ENGL 122 Q | Queer Texts and Bodies (4) Literature of AIDS: Gay Men Respond to a Crisis |
|  | ENGL 122 R | Queer Texts and Bodies (4) Queer Aztlán: Chicana/o Queer Narrative |
|  | ENTM 190 | Special Studies (1-4) |
|  | ENTM 197 | Research for Undergraduates (1-4) |
|  | ENTM 199 | Senior Research (1-4) |
|  | ENTM 199 H | Senior Honors Research (1-5) |
|  | EUR 111 | Berlin Metropolis in Literature, Film, Music, and Art (4) EUR 110B |
|  | GER 111 | Berlin Metropolis in Literature, Film, Music, and Art (4) GER 110B |
|  | HIST 010 | World History: Prehistory to 1500 (4) |
|  | HIST 010 H | Honors World History: Prehistory to 1500 (4) |
|  | HIST 020 | World History: Twentieth Century (4) |
|  | HIST 020 H | Honors World History: Twentieth Century (4) |
|  | HIST 099 W | The Historian's Workshop (4) |
|  | HIST 151 | Interpreting World History (4) |
|  | HNPG 009 | Honors Workshop (2) |
|  | LGBS 122 (E-Z) | Queer Texts and Bodies (4) |
|  | LGBS 122 F | Queer Texts and Bodies (4) Gothic Fiction and the History of Sexuality |
|  | LGBS 122 G | Queer Texts and Bodies (4) New Queer Brit Lit |
|  | LGBS 122 I | Queer Texts and Bodies (4) British Literature and the History of Sexuality |
|  | LGBS 122 J | Queer Texts and Bodies (4) $\quad \begin{aligned} & \text { Q(ueer) \& A(sian): Gay and Lesbian Asian American } \\ & \text { Literature }\end{aligned}$ |
|  | LGBS 122 K | Queer Texts and Bodies (4) Sex and Popular Culture in the Postwar United States |
|  | LGBS 122 N | Queer Texts and Bodies (4) Queer Aesthetics |
|  | LGBS 122 O | Queer Texts and Bodies (4) Queer American Literature |
|  | LGBS 122 Q | Queer Texts and Bodies (4) Literature of AIDS: Gay Men Respond to a Crisis |
|  | LGBS 122 R | Queer Texts and Bodies (4) Queer Aztlán: Chicana/o Queer Narrative |


| CHANGE | MCS 167 | Vietnamese and Overseas Vietnamese Cinema (4) |  |
| :---: | :---: | :---: | :---: |
|  | MCS 178 | Berlin Metropolis in Literature, Film, Music, and Art (4) |  |
|  | ME 110 | Mechanics of Materials (4) |  |
|  | ME 180 | Optics and Lasers in Engineering (4) |  |
|  | RLST 144 | Buddhist Literature (4) |  |
|  | SOC 002 G | Sociological Foundations (4) Introduction to Global Change and Inequality | SOC 018 |
|  | STAT 100 B | Introduction to Statistics (5) |  |
|  | STAT 130 | Sampling Surveys (4) |  |
|  | STAT 147 | Introduction to Statistical Computing (4) |  |
|  | STAT 157 | Statistical Computer Packages (4) |  |
|  | STAT 160 A | Elements of Probability and Statistical Theory (4) |  |
|  | STAT 160 B | Elements of Probability and Statistical Theory (4) |  |
|  | STAT 160 C | Elements of Probability and Statistical Theory (4) |  |
|  | STAT 161 | Introduction to Probability Models (4) |  |
|  | STAT 170 A | Regression Analysis (4) |  |
|  | STAT 170 B | Design of Experiments (4) |  |
|  | STAT 183 | Statistical Consulting (4) |  |
|  | THEA 067 | Introduction to Playwriting and Screenwriting (4) |  |
| Professional Course |  |  |  |
| NEW | PSYC 309 A | Professional Development and Research Ethics for Early Career Graduate Students (3) |  |
| CHANGE | EDUC 335 C | Seminar in Special Education (2) |  |
|  | EDUC 347 C | Supervised Intern Teaching in a Special Class for Individuals with Moderate/Severe Disabilities | (9) |
|  | PSYC 309 B | Professional Development and Research Ethics (3) PSYC 309 |  |
| Graduate Course |  |  |  |
| NEW | BIEN 235 | Vascular Biomechanics and Engineering (4) |  |
|  | BIEN 273 | Special Topics in Regenerative Engineering and Biomechanics (2) |  |
|  | CS 217 | GPU Architecture and Parallel Programming (4) |  |
|  | EE 217 | GPU Architecture and Parallel Programming (4) |  |
|  | ETST 243 E | Special Topics in Ethnic Studies (4) White Reconstruction |  |
|  | ETST 243 F | Special Topics in Ethnic Studies (4) Race, Utopia, The Human in Sci-Fi |  |
|  | MATH 297 | Directed Research (1-6) |  |
|  | ME 255 | Transport Processes in the Atmospheric Boundary Layer (4) |  |
|  | ME 273 | Principles and Designs of Micro Transducers (4) |  |
| DELETE | CS 203 B | Advanced Computer Architecture (4) |  |
|  | EDUC 205 | School-Community Relations (4) |  |
|  | EDUC 210 | Issues in Teacher Education (4) |  |
|  | EDUC 221 | Technology in K-12 Education (4) |  |
|  | EDUC 226 | Dimensions of Exceptionality (4) |  |
|  | EDUC 231 (E-Z) | Special Problems in Curriculum and Instruction |  |
|  | EDUC 235 | Classroom Processes (4) |  |
|  | EDUC 236 | School and Society (4) |  |
|  | EDUC 244 | The Student (4) |  |
|  | EDUC 250 | Seminar in Education (1) |  |
|  | EDUC 263 | Seminar in School Organization and Management (4) |  |
|  | EDUC 273 | Urban Educational Policy and Politics (4) |  |
|  | EDUC 275 | Teaching and Learning (4) |  |
|  | EDUC 278 | Research on Online Teaching and Learning (4) |  |
|  | EDUC 279 | Literacy and Technology (4) |  |
| CHANGE | BPSC 290 | Directed Studies (1-6) |  |
|  | CS 207 | Advanced Programming Languages (4) |  |
|  | CS 213 | Multiprocessor Architecture and Programming (4) |  |
|  | CS 290 | Directed Studies (1-6) |  |
|  | DNCE 280 | Colloquium in Current Topics in Dance Research (2) |  |
|  | EDUC 297 | Directed Research (1-6) |  |
|  | ENTM 262 | Seminar in Molecular Biology and Genomics of Disease Vectors (2) |  |
|  | MCBL 262 | Seminar in Molecular Biology and Genomics of Disease Vectors (2) |  |

## EXTENSION COURSES

## Course approval

EDUC XR44

Instructor Approval
EDUC X86.22

Healthful Living

Infant and Toddler Social and Emotional Development in Different Cultures and Contexts: Classroom, Group Care and Home Environments Instructor Name: Margaret Wild, Ph.D

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:

| INSTRUCTOR | DEPARTMENT | LIMITS OF AUTHORIZATION |  |
| :---: | :---: | :---: | :---: |
| R. CROSBY III | EDUCATION | EDUC 109 | W '12 |
| A. KALADJIAN | EDUCATION | EDUC 120 | W '12 |
| J. BENI | PSYCHOLOGY | PSYC 178 | S '12 |
| Y. WANG | PSYCHOLOGY | PSYC 150 | W '12 |
| B. GENDRON | PSYCHOLOGY | PSYC 179 | W '12 |
| J. ESTEP | PSYCHOLOGY | PSYC 134 | S '12 |
| S. CHUNG | SOBA | BUS 117 | SS '12 |



| EDUC | X 88.B | A Seminar in Administration and Supervision of ECE Part B | A. | Lucero | M.A. | I |  | 1/9/2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EDUC | X 89.01 | Characteristics of Infants, Toddlers, and Preschoolers with IFSP and IEP's |  |  |  | C |  | 1/9/2012 |
| EDUC | X 89.03 | Assessment and Intervention/Instructional Strategies: Birth through Pre-Kindergarten |  |  |  | C |  | 1/9/2012 |
| MGT | X105 | Introduction to the Global Hospitality Industry | N. | Singh | Ph.D. | I |  | 1/9/2012 |
| MGT | X105.01 | Disney Advanced Studies in Hospitality and Tourism | N. | Singh | Ph.D. | I |  | 1/9/2012 |
| MGT | X105.02 | Disney Corporate Analysis | N. | Singh | Ph.D. | I |  | 1/9/2012 |
| MGT | X105.03 | Disney Corporate Communication | N. | Singh | Ph.D. | I |  | 1/9/2012 |
| MGT | X105.04 | Disney Creativity and Innovation | N. | Singh | Ph.D. | 1 |  | 1/9/2012 |
| MGT | X105.05 | Disney Human Resource Management | N. | Singh | Ph.D. | 1 |  | 1/9/2012 |
| MGT | X105.06 | Disney Marketing You | N. | Singh | Ph.D. | I |  | 1/9/2012 |
| MGT | X105.07 | Disney Organizational Leadership | N. | Singh | Ph.D. | 1 |  | 1/9/2012 |
| MGT | X105.08 | Disney Experiential Learning | N. | Singh | Ph.D. | 1 |  | 1/9/2012 |
| MGT | X105.09 | Disney Internship | N. | Singh | Ph.D. | 1 |  | 1/9/2012 |
| MGT | X200.01 | Strategic Management |  |  |  | C | X | 1/9/2012 |
| MGT | X200.02 | Global Human Resources |  |  |  | C | X | 1/9/2012 |
| MGT | X200.03 | Global Marketing Management |  |  |  | C | X | 1/9/2012 |
| MGT | X200.04 | Multinational Financial Management |  |  |  | C | X | 1/9/2012 |
| MGT | X200.05 | Managing Change and Technology |  |  |  | C | X | 1/9/2012 |
| EDUC | X309.02 | Classroom/Laboratory Management and Safety | T. | Peterson | M.A. | I* |  | 1/9/2012 |
| EDUC | X309.03 | Career Technical Education-Curriculum and Instruction | T. | Peterson | M.A. | I* |  | 1/9/2012 |
| EDUC | X309.04 | Assessing Student Learning | T. | Peterson | M.A. | I* |  | 1/9/2012 |
| EDUC | X309.05 | Teaching English Learners and Students with Special Needs | S. | LaQua | M.Ed. | I |  | 1/9/2012 |
| EDUC | X309.15 | Curriculum in Vocational Education (Level I) | T. | Peterson | M.A. | I* |  | 1/9/2012 |
| EDUC | X309.16 | Instructional and Management Techniques in Vocational Education, Level 1 | T. | Peterson | M.A. | I* |  | 1/9/2012 |
| EDUC | X312.99 | Assessment and Evaluation in Adult and Vocational Education (Level I) | T. | Peterson | M.A. | I* |  | 1/9/2012 |
| EDUC | X313.1 | Instructional Technology in Adult Education (Level II) | T. | Peterson | M.A. | I* |  | 1/9/2012 |
| EDUC | X326.53 | Frameworks and Methods for TESOL | K. | Lambert | M.A. | I* |  | 1/9/2012 |
| EDUC | X396.6 | Pre-AP* for English | J. | Harris | M.A. | 1 |  | 1/9/2012 |
| EDUC | X396.7 | Pre-AP* for Math (formerly Vertical Teaming -- Building Success for Math) | C. | Williams | B.A. | I* |  | 1/9/2012 |
| FREN | X403 | Intermediate Conversational French | M. | Greenwell | M.Ed. | I* |  | 1/9/2012 |
| ENGR | X403.01 | Energy Resource Management | G. | Gemberling | B.A. | I* |  | 1/9/2012 |
| BIOL | X403.5 | Content and Methods for Teaching Advanced Placement Biology | M. | Cuellar | B.A. | I* |  | 1/9/2012 |
| FREN | X404 | Beginning Conversational French | M. | Greenwell | M.Ed. | I* |  | 1/9/2012 |
| EDUC | X408.15 | Curriculum and Instruction- Enhancing Pedagogical Skills | K. | Dodson | M.A. | I* |  | 1/9/2012 |
| EDUC | X408.15 | Curriculum and Instruction- Enhancing Pedagogical Skills |  |  |  | C | X | 1/9/2012 |
| MATH | X409 | College Algebra | K. | Watson | M.Ed. | I* |  | 1/9/2012 |
| SPN | X409.03 | Advanced Principles and Methodologies of Translation | I. | Carrillo | M.S. | i |  | 1/9/2012 |
| MATH | X409.1 | Linear Algebra | K. | Watson | M.Ed. | I* |  | 1/9/2012 |
| MATH | X409.2 | Non-Linear Algebra | K. | Watson | M.Ed. | I* |  | 1/9/2012 |
| SPN | X412 | Content and Methods for Teaching Advanced Placement* Spanish Language | L. | Peairs | Ph.D. | I* |  | 1/9/2012 |
| HIST | X422 | Native American Culture | P. | Klasky | M.A. | i |  | 1/9/2012 |
| HIST | X422 | Native American Culture |  |  |  | C |  | 1/9/2012 |
| EDUC | X422.34 | Learning Modes and Study Topics Related to Reading and Language Arts | E. | Croft |  | 1 |  | 1/9/2012 |
| MGT | X427.04 | Business Operations 17 | D. | Cescolini | M.B.A. | I* |  | 1/9/2012 |


| MGT | X427.04 | Business Operations | A. | Fadel | Ph.D. | I* |  | 1/9/2012 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MGT | X428.1 | Accounting for Governmental and Non Profit Organizations- Part II | D. | Cescolini | M.B.A. | I* |  | 1/9/2012 |
| MGT | X428.11 | Budgetary Process in Governmental and Nonprofit Organizations | D. | Cescolini | M.B.A. | I* |  | 1/9/2012 |
| CRWT | X431.2 | Introduction to Story Analysis | T. | Silvestri | B.F.A. | I* |  | 1/9/2012 |
| CRWT | X431.2 | Introduction to Story Analysis |  |  |  | C |  | 1/9/2012 |
| MATH | X435 | Content and Methods for Teaching Advanced Placement* Calculus | H. | Alcosser | M.A. | I* |  | 1/9/2012 |
| EDUC | X450.06 | Collaborating With Other Service Providers | A. | Stevens | M.A. | I | X | 1/9/2012 |
| EDUC | X450.50 | Characteristics of Infants, Toddlers and Preschoolers with IFSP and IEP's | J. | Tucker | M.A. | I* |  | 1/9/2012 |
| EDUC | X450.51 | Role of the Family in Early Childhood Special Education | J. | Tucker | M.A. | I* |  | 1/9/2012 |
| EDUC | X450.52 | Assessment and Intervention/Instructional Strategies: Birth through Pre-Kindergarten | J. | Tucker | M.A. | I* |  | 1/9/2012 |
| EDUC | X450.53 | Experience in Early Childhood Special Education Programs | J. | Tucker | M.A. | I* |  | 1/9/2012 |
| MGT | X452.3 | Labor and Employee Relations | M. | Pinyavatana |  | 1 |  | 1/9/2012 |
| ERT | X454.11 | Introduction to GIS for Engineers | K. | Manchikanti | Ph.D. | I* |  | 1/9/2012 |
| ERT | X454.11 | Introduction to GIS for Engineers |  |  |  | C | X | 1/9/2012 |
| MGT | X455 | PHR/SPHR Certification Training | J. | Coulson | M.B.A. | I* | X | 1/9/2012 |
| ENSC | X460.1 | Public Policy Lecture Series: Sustainability Issues in Southern California | J. | Cook | Ph.D. | I* |  | 1/9/2012 |
| ENSC | X460.6 | Trends in Energy Efficiencies and Technologies | S. | Gereau | B.S.E.E | I* |  | 1/9/2012 |
| MGT | X463.38 | Event Marketing | C. | Lawson | M.B.A. | I |  | 1/9/2012 |
| BMSC | X466.01 | Sexual Assault Examiner Training: Pediatrics | D. | Faugno | M.N. | I* |  | 1/9/2012 |
| BMSC | X466.01 | Sexual Assault Examiner Training: Pediatrics |  |  |  | C |  | 1/9/2012 |
| BMSC | X466.2 | Forensic Implications: The Older Adult | C. | Caruso | A.A. | I |  | 1/9/2012 |
| BMSC | X466.2 | Forensic Implications: The Older Adult |  |  |  | C |  | 1/9/2012 |
| MGT | X475.5 | Consumer Behavior | S. | Guignard | Ed.D | I |  | 1/9/2012 |
| HIST | X475.7 | Content and Methods for Teaching Advanced Placement World History | A. | Aiken | B.A. | I* |  | 1/9/2012 |
| MGT | X476.26 | Social Media Marketing Strategy | S. | Guignard | Ed.D | I |  | 1/9/2012 |
| MGT | X478.1 | Essence of Business Communications | S. | Guignard | Ph.D. | I |  | 1/9/2012 |
| LAW | X481.1 | Insurance Law | K. | Blickenstaff | J.D. | i | X | 1/9/2012 |
| LAW | X481.1 | Insurance Law |  |  |  | C | X | 1/9/2012 |
| MGT | X496.02 | International Business Strategy | C. | Rajakone | M.B.A. | I |  | 1/9/2012 |
| MGT | X497.09 | International Finance |  |  |  | C |  | 1/9/2012 |
|  |  |  |  |  |  |  |  |  |
|  |  | * Denotes first time approval for Instructor |  |  |  |  |  |  |
|  |  | **Denotes Instructor has previously been approved but has not yet taught; therefore, there are no evaluations |  |  |  |  |  |  |

THE GRADUATE COUNCIL AND EXECUTIVE COMMITTEES OF THE COLLEGES
REPORT TO THE RIVERISDE DIVISION
February 21, 2012

To be received and placed on file:
Reports of degrees awarded*

| COLLEGE/DIVISION | MASTER OF FINE ARTS | MASTER OF ARTS | MASTER OF SCIENCE | MASTER OF BUS. ADMIN. | MASTER OF EDU. | DOCTOR OF PHILOSOPHY |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Graduate Division | 8 | 7 | 43 | 7 | 3 | 77 |
| Fall 2011 |  |  |  |  |  |  |
| Bourns College of Engineering |  |  |  | BACHELOR OF SCIENCE |  |  |
| Summer 2011 |  |  |  | 26 |  |  |
| College of Natural \& Agricultural Sciences |  | BACHELOR OF ARTS |  | BACHELOR OF SCIENCE |  |  |
| Summer 2011 |  | 10 |  | 82 |  |  |
| College of Humanities, Arts, \& Social Sciences |  | BACHELOR OF ARTS |  | BACHELOR OF SCIENCE |  |  |
| Summer 2011 |  | 441 |  | 8 |  |  |
| School of Business |  |  |  | BACHELOR OF SCIENCE |  |  |
| Summer 2011 |  |  |  | 138 |  |  |

D. J. OZER, Secretary-Parliamentarian

Riverside Division of the Academic Senate

## BACHELOR OF

 CIENCE
## 保

82

BACHELOR OF CIENCE

8 SCIENCE

138
*The names of the candidates are filed in the official records of the Office of the Registrar

# EXECUTIVE COMMITTEE <br> COLLEGE OF NATURAL AND AGRICULTURAL SCIENCES <br> REPORT TO THE RIVERSIDE DIVISION <br> FEBRUARY 21, 2012 

To be adopted:
Proposed change in course requirements for the Bachelor of Arts (B.A.) and Bachelor of Science (B.S) degree in Environmental Sciences.

## PRESENT

## Major Requirements

Core Requirements

1. Lower-division requirements (33-units)
a) ENSC 001, ENSC 002
b) CHEM 001A, CHEM 001B, CHEM 001C, CHEM 01LA, CHEM 01LB, CHEM 01LC
c) MATH 005
d) POSC 010
2. Upper-division requirements (14 units):

ENSC 100/SWSC 100, ENSC 101, ENSC 102, ENSC 191

Environmental Toxicology Option (83-92 units)

1. BIOL 005A, BIOL 05LA, BIOL 005B
2. CHEM 005 or BIOL 005C; CHEM 112A, CHEM 112B, CHEM 112C
3. ENTX 101, ENTX 154
4. MATH 008B or MATH 009A, MATH 009B
5. PHYS 002A, PHYS 002B, PHYS 002G
6. PHYS 02LA, PHYS 02LB, PHYS 02LC are recommended
7. ENSC 006/ECON 006 or ENSC 143A

EGON 143A (EGON 003 prerequisite)
8. BCH 100 or both BCH 110A and

BCH 110B; BIOL 102 or BIOL 121/
MCBL 121; BCH 110C or BIOL 107A

## PROPOSED

## Major Requirements

## Core Requirements

1. Lower-division requirements (41-42 units)
[no change]
[no change]
c) MATH 005 or MATH 008A, MATH 008B or MATH 009A, MATH 009B
[no change]
[no change]

## Environmental Toxicology Option (70-79 units)

[no change]
[no change]
[no change]
4. PHYS 002A, PHYS 002B, PHYS 002C
5. PHYS 02LA, PHYS 02LB, PHYS 02LC are recommended
6. ENSC $006 /$ ECON 006 or ENSC 143A/
ECON 143A (ECON 003 prerequisite)
7. BCH 100 or both BCH 110A and BCH 110B; BIOL 102 or BIOL 121/
MCBL 121; BCH 110C or BIOL 107A
9. STAT 100A and STAT 100B
10. Elective Courses: At least one course from ENSC 127/SWSC 127, ENSC 133/MCBL 133/SWSC 133, ENSC 135/CHEM 135/ENTX 135, ENSC 136/CHEM 136/ENTX 136/SWSC 136, ENSC 140/SWSC 140, ENSC 141/MCBL
141/SWSC 141, ENSC 142, ENSC 144/ENVE 144, ENSC 155, ENSC 163, BPSC 134/ENSG
134/SWSC 134, ENSC 104/SWSC 104, ENSG
107/SWSC 107, ENSC 138/GEO 138/SWSC 138,
GBNS 150/ENTX 150, ENSC 197,
ENSC 198-I
Natural Science Option (78-84 units)

1. BIOL 005A, BIOL 05LA, BIOL 005B
2. PHYS 002A, PHYS 002B, PHYS 002C
3. PHYS 02LA, PHYS 02LB, PHYS 02LC are recommended
4. MATH 008B or MATH 009A, MATH 009B
5. GHEM 112A, CHEM 112B
6. GEO 001 or GEO 002
7. ENSC 006/ECON 006 or ENSC 143 N ECON

143A (ECON 003 prerequisite)
8. STAT 100 A and STAT 100B
9. Elective Courses:
a) At least one course from BIOL 005C, CHEM 005, CHEM 112C, MATH 009C
b) A total of at least five courses from the following [no change] (at least three must be Environmental Sciences or Soil and Water Sciences)

ENSC 120/NEM 120/SWSC 120,_ENSC 127/SWSC [no change] 127, ENSC 133/MCBL 133/SWSC 133,_ENSC 135/CHEM 135/ENTX 135, ENSC 136/CHEM 136/ENTX 136/SWSC 136, ENSC 140/SWSC 140, ENSC 141/MCBL 141/SWSC 141, ENSC 142, ENSC 144/ENVE 144, ENSC 155, ENSC 163, ENSC 174, BPSC 134/ENSC 134/SWSC 134, ENSC 104/SWSC 104, ENSC 107SWSC 107, ENSC 138/GEO 138/SWSC 138, ENSC 197, ENSC 198-I, BIOL 117, BIOL 121/MCBL 121, BIOL
8. STAT 100 A and STAT 100 B
9. Elective Courses: At least one course from ENSC 127/SWSC 127, ENSC 133/MCBL 133/SWSC 133, ENSC 135/CHEM 135/ENTX 135, ENSC 136/CHEM 136/ENTX 136/SWSC 136, ENSC 140/SWSC 140, ENSC 141/MCBL 141/SWSC 141, ENSC 142, ENSC 144/ENVE 144, ENSC 155, ENSC 163, BPSC 134/ENSC 134/SWSC 134, ENSC 104/SWSC 104, ENSC 107/SWSC 107, ENSC 138/GEO 138/SWSC 138, CBNS 150/ENTX 150, ENSC 197, ENSC 198-I

Natural Science Option (65-71 units)
[no change]
[no change]
[no change]

## 4. CHEM 112A, CHEM 112B

5. GEO 001 or GEO 002
6. ENSC 006/ECON 006 or ENSC 143A/ ECON 143A (ECON 003 prerequisite)
7. STAT 100 A and STAT 100 B
8. Elective Courses:
[no change]

| Social Science Option (85-90 units) | Social Science Option (80-85 units) |
| :--- | :--- |
| 1. BIOL 002, BIOL 003 | 1. BIOL 002, BIOL 003 |
| 2. MATH 022 |  |
| 3. GEO 001 or GEO 002 | 2. GEO 001 or GEO 002 |
| 4. ECON 003 | 3. ECON 003 |
| 5. ENSC 143A/ECON 143A, ENSC 143B/ECON | 4. ENSC 143A/ECON 143A, ENSC 143B/ECON |
| 143B, ENSC 143C/ECON 143C, ENSC 172, | 143B, ENSC 143C/ECON 143C, ENSC 172, |
| ENSC 174 | ENSC 174 |
| 6. ECON 101 or ECON 107 | 5. ECON 101 or ECON 107 |
| 7. STAT 100A and STAT 100B | 6. STAT 100A and STAT 100B |
| 8. Elective Courses: | 7. Elective Courses: |
| a) At least one course from ENSC 133/MCBL | [no change] |
| 133/SWSC 133, ENSC 140/SWSC 140, ENSC |  |
| 141/MCBL 141/SWSC 141, ENSC 142, ENSC |  |
| 144/ENVE 144, ENSC 155, ENSC 163, |  |
| BPSC 134/ENSC 134/SWSC 134, ENSC |  |
| 104/SWSC 104, ENSC 107/SWSC 107, ENSC |  |
| 138/GEO 138/SWSC 138, ENSC 197, ENSC 198-I |  |

## Justification for Proposed Changes to Undergraduate ENSC Curriculum

The faculty of the Department of Environmental Sciences has re-evaluated the mathematics requirements for the Social Science Option of the Environmental Sciences B.S. and B.A. degree and decided additional mathematics training is needed by these students. Currently, only Math 22 (Business Calculus) is required for this option. We feel that this minimal math requirement works to the students disadvantage in upperdivision courses in the sciences, engineering, and economics. And for those students interested in continuing on to graduate school in economics, environmental economics, or some environmental science-related field, they will likely be at a disadvantage quantitatively if they choose to meet the minimal math requirements only for this option. In addition, the Social Science Option of the Environmental Sciences major is the only major in CNAS that does not require calculus up to Math 9B. One perverse outcome of this requirement is that the Social Science option is being used by transfer students and change-of-major students as a way to enter, or remain, in CNAS with weak math skill. By standardizing the math requirements for all students in CNAS, the advising staff can institute uniform policies concerning prerequisites to those students wishing to either enter the college or change majors within the college. The Environmental Science faculty voted in favor of requiring MATH 009A and MATH 009B or equivalents (MATH 008B as a substitute for MATH 009A) for the Social Sciences Option in the Environmental Sciences major.

## Approvals

Approved by the faculty of the Department of Environmental Sciences: 11/08/11.
Approved by the Executive Committee of the College of Natural and Agricultural Sciences: 1/11/12
Approved by the Committee on Educational Policy: $\_1 / 25 / 12 \ldots$.

# Executive Committee <br> College of Natural and Agricultural Science <br> Report to Riverside Division <br> February 21, 2012 

## To be adopted:

Proposed additions for Statistics Transfer Students and changes to the Bachelor of Science, Statistical Computing and Quantitative Management Options.

## Present:

## Bachelor of Science

1. Core requirements ( $24-25$ units)
a) CS 10, MATH 008B, MATH 009A, MATH 009B, MATH 009C, MATH 10A
b) Four (4) additional units in Mathematics chosen from MATH 113 or MATH 131
2. Upper-division requirements (52 units)
a) Thirty-six (36) units of upper-division course work
(1) STAT 147, STAT 155, STAT 157, STAT 170A, STAT 170B
(2) Twelve (12) units chosen from STAT 127/BUS 127, STAT 130, STAT 140, STAT 146, STAT 160A, STAT 160B, STAT 160C, STAT 171
(3) Four (4) units of STAT 183 taken at during Senior year
b) Sixteen (16) units of additional course work chosen, with the approval of the major advisor, from Statistics courses numbered 104 and higher or from related fields.

## Proposed:

## Transfer Students

Students transferring to the Statistics major must complete courses comparable to the following one-year sequence before they transfer:

1. First-year calculus, equivalent to MATH 009A, MATH 009B, MATH 009C, each course completed with a grade of "B-" or better.

## Bachelor of Science

1. [no change]
2. [no change]

Note An introductory Statistics class such as STAT 048 or STAT 100A is strongly recommended

## Statistical Computing Option

The requirements for this option are in addition to the requirements for the B.S. in Statistics, except that the option requirement takes the place of the 16 units in 2.b) above.

1. Lower-division requirements (8 units):
a) CS 012, CS 014
2. Upper-division requirements (16 units):
a) MATH 113
b) Twelve (12) units of course work selected from
(1) CS 141, CS 177
(2) MATH 112, MATH 120
(3) STAT 198-I
e) МАТН 135А, MATH 135B
recommended

## Quantitative Management Option

The requirements for this option are in addition to the requirements for the B.S. in Statistics, except that the option requirement takes the place of the 16 units in 2.b) above.

1. Lower division requirements (16-17 units)
a) ECON 003
b) BUS 010,_BUS 020, BUS 021
2. Upper division requirements (16 units)
a) MATH 113
b) Three courses from one area
1) Marketing: BUS 103, BUS 113, BUS 117
2) Finance: BUS 106/ECON 134, BUS 134, BUS 135, BUS 136, BUS 138
3) Accounting: BUS 108, BUS 165A, BUS 165B, BUS 168A, BUS 168B
4) Management Information Systems: BUS 101, BUS 171, BUS 173

Note [no change]
[no change]

1. [no change]
2. [no change]
a) [no change]
b) Twelve (12) units of course work selected from
(1) CS 141, CS 177
(2) MATH 120, MATH 135A, MATH 135B
(3) STAT 198-I
3. Lower division requirements ( 18 units)
a) ECON 002, ECON 003
b) BUS 010, BUS 020
4. [No change]

Transfer Students Justification: Addition of Transfer criteria is to ensure incoming transfer students are prepared for enrollment in STAT courses when they start at UCR.

Statistical Computing Option Justification: MATH 112 is no longer offered.
Quantitative Management Option Justification:

1. Adjustment to reflect change in units required.
a) Additional class in macroeconomics to keep the units comparable.
b) Removes a redesigned course that is not required for BUS majors.

Approved by Statistics Faculty: 12/7/2011
Approved by the Executive Committee College of Natural and Agricultural Sciences: 1/11/12 Approved by the Committee on Educational Policy: 1/25/12

# EXECUTIVE COMMITTEE -- BIOMEDICAL SCIENCES REPORT TO THE RIVERSIDE DIVISION FEBRUARY 21, 2012 

To be adopted:

## Proposed Changes to School of Medicine Bylaws

## Present

ME1 Membership
ME1.1 The Faculty of the Division of Biomedical Sciences 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 Division of Biomedical Sciences; (e) all members of the Academic Senate who are members of the Division of Biomedical Sciences; (f) other Senate members as may be specified by the bylaws of the Riverside Division of the Academic Senate.

ME1.2 Only voting members of the Academic Senate are eligible to vote in the Faculty of the Division of Biomedical Sciences. However, all persons with academic appointments in the Division of Biomedical Sciences with teaching responsibilities (e.g., the clinical faulty) may attend meetings of the Faculty and have the privilege of the floor. These clinical faculty members may vote on matters discussed in all faculty meetings, but their votes will be recorded as "advisory," and kept separate from the votes recorded from Academic Senate members.

## ME2 Officers

ME2.1 The Officers of the Faculty consist of a Chair and a Vice Chair.

Proposed
ME1 Membership
ME1.1 The Faculty of the School of Medicine 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 Medicine; (e) all members of the Academic Senate who are members of the School of Medicine; (f) other Senate members as may be specified by the bylaws of the Riverside Division of the Academic Senate.

ME1.2 Only voting members of the Academic Senate are eligible to vote and to be counted toward a quorum in meetings of the Faculty of the School of Medicine. However, all persons with academic appointments in the School of Medicine with teaching responsibilities (e.g., faculty in the Clinical Professor series) may attend meetings of the Faculty and have the privilege of the floor. These clinical faculty members may vote on matters discussed in all faculty meetings, but their votes will be recorded as "advisory," and kept separate from the votes recorded from Academic Senate members

## ME2 Duties of Faculty

ME2.1 The Faculty of the School of Medicine shall set policies for the admission of candidates for the degree of Doctor of Medicine and for completion of the degree. ME3 Officers

ME3.1 The Officers of the Faculty consist of a Chair and a Vice Chair.

ME2.1.1 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 of the Academic Senate 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 Vice Chair will serve as Chair. ME2.1.2 The Vice Chair is chosen by the Executive Committee from among its membership. The term of office is two years. ME2.1.3 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 Vice Chair takes office immediately upon appointment.
ME3 Meetings
ME3.4 Meetings are called by the Chair of the Faculty or by the Executive Committee. At the written request of twenty five percent of the voting members of the faculty, the Chair must call a meeting. He/she must call at least one meeting each academic quarter in each year. The faculty meeting may be chaired by the Chair of the Faculty or by the Vice Chair. ME3.1.4 A quorum consists of fifty-percent of the members of the Faculty.

ME3.1.2 A motion to submit a measure to mail or secret ballot has precedence over a motion for an open vote in a meeting.
ME3.1.3 The Chair of the Faculty will send, prior to the faculty meeting, copies of the call for the meeting and will make all pertinent documents available to each member of the Faculty. The Faculty shall not change curricular requirements of the Division or change these bylaws at the meetings at which such proposals

ME3.1.1 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 SecretaryParliamentarian of the Riverside Division of the Academic Senate 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 Vice Chair will serve as Chair.
ME3.1.2 The Vice Chair is chosen by the Faculty Executive Committee from among its membership. The term of office is two years. ME3.1.3 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 Vice Chair takes office immediately upon appointment.
ME4 Meetings
ME4.1 Meetings are called by the Chair of the Faculty or by the Faculty Executive Committee. At the written request of fifteen percent of the voting members of the faculty, the Chair must call a meeting. He/she must call at least one meeting each year. The faculty meeting may be chaired by the Chair of the Faculty or by the Vice Chair.
ME4.1.1 A quorum consists of thirty percent of the members of the Faculty, or ten Faculty members, whichever number is greater.
ME4.1.2 A motion to submit a measure to mail or secret ballot has precedence over a motion for an open vote in a meeting.
ME4.1.3 The Chair of the Faculty will send, at least 5 days prior to the faculty meeting, copies of the call for the meeting and will make all pertinent documents available 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
for change are first made unless notice is previously given to all members of the Faculty in a call to the meeting.
ME3.1.4 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 Riverside Division of the Academic Senate.
ME3.1.5 The minutes of every meeting of the Faculty (with the exception of those concerned with personnel matters) shall be sent before the next faculty meeting to every member of the Faculty. For personnel matters, faculty may consider the departmental letter in lieu of minutes for these meetings. Opportumities for review and/or comment of the departmental letter are as prescribed in the APM. ME4 Committees

ME4.1 There shall be an Executive Committee consisting of at least four (4) Faculty members and the Chair of the Faculty. The Dean and the Associate Deam of the Division of Biomedical Sciences will serve as ex officio members of this committee.
proposals for change are first made unless notice is previously given to all members of the Faculty in a call to the meeting.
ME4.1.4 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 Riverside Division of the Academic Senate.
ME4.1.5 The minutes of every meeting of the Faculty (with the exception of those concerned with personnel matters) shall be sent before the next faculty meeting to every member of the Faculty.

## ME5 Committees

ME5.1 Standing Committees: There shall be six standing committees of the School of Medicine: The Faculty Executive Committee, the Medical Education Committee, the Medical School Admissions Committee, the Medical School Progress and Promotions Committee, the Graduate Advisory Committee, and the Volunteer Clinical Appointments Committee. Each Standing Committee may appoint such subcommittees as it deems necessary to conduct its business.

ME5.2 There shall be a Faculty Executive Committee consisting of at least eight (8) Faculty members and the Chair of the Faculty, who serves as Committee Chair. The Dean and the Senior Executive Dean of the School of Medicine will serve as non-voting ex officio members of this committee. In addition, two representatives shall be elected by the faculty in the clinical series (who are not members of the Academic Senate), and these representatives shall be entitled to participate in the deliberations of the Committee, but without the right to vote (as in Bylaw 1.2). These elected representatives must hold at least half-time

ME4.1.1 The faculty of the Division of Biomedical Sciences will elect the four (4) representatives to the Executive Committee.

ME4.1.2 The term of office of members of the Executive Committee is two years, and these members are eligible for reappointment.

ME4.1.3 The election of Faculty members is as provided in chapter 7 of the Bylaws of the Riverside Division of the Academic Senate. For purposes of these elections, members of the Executive Committee are considered officers of the Faculty of the Division. Members of the Executive Committee take office on September first of the academic year following their election at a regular election or immediately upon completion of the ballot count at a special election.
ME4.1.4 Whenever the Executive Committee determines that a vacancy exists in its membership, the Secretary-Parliamentarian of the Division of the Academic Senate 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 and the committee member considered to have resigned if she/he 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.
ME4.1.5 The Executive Committee has the following functions:
ME4.1.5.4 The Executive Committee has the general oversight of the academic welfare and discipline of students in the Division and has the power to bring before the Faculty any matters that the Committee deems advisable.
appointments in the Clinical Professor series of the School of Medicine.
ME5.2.1 The faculty of the School of Medicine
will elect the eight (8) representatives, four from
the Division of Biomedical Sciences and four from the Division of Clinical Sciences, to the Faculty Executive Committee. If there are not enough faculty members available from either Division, unfilled positions will be filled by members of the other Division.
ME5.2.2 The term of office of members of the Faculty Executive Committee is two years, and these members are eligible for reappointment.
ME5.2.3 The election of Faculty members is as provided in chapter 7 of the Bylaws of the Riverside Division of the Academic Senate. For purposes of these elections, members of the Faculty Executive Committee are considered officers of the Faculty of the School. Members of the Faculty Executive Committee take office on September first of the academic year following their election at a regular election or immediately upon completion of the ballot count at a special election.
ME5.2.4 Whenever the Faculty Executive Committee determines that a vacancy exists in its membership, the Secretary-Parliamentarian of the Division of the Academic Senate 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 and the committee member considered to have resigned if she/he 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 Faculty Executive Committee.
ME5.2.5 The Faculty Executive Committee has the following functions:
ME5.2.5.1 The Faculty 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.

ME4.1.5.2 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.
ME4.1.5.3 The Executive Committee acts finally for the Faculty (a) in the awarding of all degrees to students of the Division 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 Riverside Division of the Academic Senate.
ME4.1.5.4 The Executive Committee makes recommendations to the Faculty in the establishment, modification, and discontinuation of all divisional instructional programs and curricula.

ME4.1.5.5 The Executive Committee acts for the Faculty in making recommendations to the Riverside Division of the Academic Senate regarding eourses.
ME4.2 There shall be a Medical Education Committee consisting of the Director of Clinical Instruction, two medical student representatives from each class, and all course coordinators. The Dean of the Division and the Associate Dean(s) will serve as ex officio, members of this committee.

ME4.2.1 The duty of this Committee is to advise on matters pertaining to the educational policy and curriculum of the UCR medical school program.

ME4.2.2 This Committee is also subject to the Bylaws of the UCLA School of Medicine.
ME4.3 There shall be a Medical School

ME5.2.5.2 The Faculty 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.
ME5.2.5.3 The Faculty Executive Committee acts finally for the Faculty (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 Riverside Division of the Academic Senate.
ME5.2.5.4 The Faculty Executive Committee makes recommendations to the Faculty in the establishment, modification, and discontinuation of all School instructional programs and curricula.

ME5.2.5.5 The Faculty Executive Committee acts for the Faculty in making recommendations to the Riverside Division of the Academic Senate regarding course and program changes. ME5.3 There shall be a Medical Education Committee consisting of all pre-clerkship course coordinators, clerkship directors, and curricular thread coordinators, the Senior Associate Dean for Education and the Senior Associate Dean for Student Affairs of the School (ex officio), and two elected medical student representatives from each class (non-voting).
ME5.3.1 The duty of this Committee is to advise on matters pertaining to the educational policy and curriculum of the UCR School of Medicine.

ME5.3.2 This Committee will have two (2) subcommittees: the Pre-Clerkship Subcommittee and the Clerkship Subcommittee, responsible for matters pertaining to the curriculum.

ME5.4 There shall be a Medical School

Admissions Committee consisting of the Chair, appointed by the Executive Committee, and a minimum of ten (10) additional faculty members, appointed by the Admissions Committee Chair, including both basic science and clinical faculty members. The Dean of the Division serves as an ex officio and non-voting member of this committee.
ME4.3.1 The duty of this Committee is to recommend to the Faculty Executive Committee of the UCLA School of Medicine the admission of students into the medical school pertion of the UCRUCLA Thomas Haider Program in Biomedical Sciences.

ME4.3.2 This Committee is also subject to the Bylaws of the UCLA School of Medicine.
ME4.4 There shall be a Medical School Promotions Committee composed of at least 6 (6) faty members plus the Chair, typically chosen from those who serve as course coordinators with representatives of both clinical and ladder-rank faculty. The Dean of the Division serves as an ex officio and nonvoting member of this committee.

ME4.4.1 The duty of this Committee is to recommend to the Faculty Executive Committee of the UCLA School of Medicine the promotion of medical students from the first year to the second year, and from the second year to the third year.

ME4.4.2 This Committee is also subject to the Bylaws of the UCLA School of Medicine.
ME4.5 There shall be a Graduate Advisory Committee consisting of three faculty members and two Graduate Advisor(s). One Graduate Advisor will be responsible for recruitment and

Admissions Committee consisting of the Senior Associate Dean for Student Affairs, ex officio, a Chair, and a minimum of ten (10) additional faculty members appointed by the Faculty Executive Committee in consultation with the Senior Associate Dean for Student Affairs.

ME5.4.1 The duty of this Committee is to recommend to the Faculty Executive Committee the admission of students into the UCR School of Medicine.

ME5.4.2 This Committee will have at least three (3) subcommittees: Subcommittee A (The Haider Program in Biomedical Sciences Subcommittee), and Subcommittees B, C, etc. The duty of these Subcommittees is to evaluate applications and interview applicants for admission to Medical School.

ME5.5 There shall be a Medical School Progress and Promotions Committee appointed by the Faculty Executive Committee composed of at least six (6) members plus a Chair, typically chosen from those who serve as pre-clerkship course coordinators or clerkship directors, with representatives of both Biomedical Sciences and Clinical Sciences faculty. The Senior Associate Dean for Education serves as an ex officio member of this committee.
ME5.5.1 The duty of this Committee is to recommend to the Faculty Executive Committee the promotion of medical students from the first year to the second year, from the second year to the third year, and from the third to the fourth year, as well as recommend students for graduation.

ME5.6 There shall be a Graduate Advisory Committee consisting of three faculty members and two Graduate Advisor(s). One Graduate Advisor will be responsible for recruitment and
admission of graduate students and the other Graduate Advisor will be responsible for enrolled student affairs. All Biomedical Sciences Graduate Program faculty members in good standing are eligible for election to this Graduate Advisory Committee.

ME4.5.1 The duty of this Committee is to advise the Biomedical Sciences Graduate Program faculty on matters pertaining to graduate degree programs.
ME4.6 There shall be a Volunteer Clinical Appointments and Advancements Committee. The Committee shall consist of three (3) faculty members, the Director of Clinical Instruction and up to three (3) volunteer clinical faculty.

ME4.6.1 The duty of this Committee is to advise the Chair and faculty members of the Bivision of Biomedical Sciences, the Dean of the Division, and the Executive Vice Chancellor on appointments and advances of clinical faculty to Assistant Clinical Professor, Associate Clinieal Professor, and Full Clinical Professor levels.
ME4.6.2 This Committee is subject to the procedures of Volunteer Clinical Appointments as outlined in the Memorandum of Understanding of 9/2003 and subsequent changes approved by the Faculty of the Division of Biomedical Sciences, the Dean of the Division, and the Executive Vice Chancellor. ME4.6.3 Members of this Committee will be appointed annually by the Executive Committee of the Division of Biomedical Sciences with ne limit on the period of service.
ME5 Election and Balloting
ME5.4 Elections are conducted as specified in MEZ.1.1, ME2.1.2, and ME4.1.3.
ME5.1.4 Balloting on measures referred to the whole Faculty of the Division by action of a meeting of the Faculty are conducted by the Secretary-Parliamentarian of the Division of the
admission of graduate students and the other Graduate Advisor will be responsible for enrolled student affairs. All Biomedical Sciences Graduate Program faculty members in good standing are eligible for service on the Graduate Advisory Committee. Members of the committee are appointed by the Senior Associate Dean for Academic Affairs and Research, upon recommendation of the Graduate Advisors. ME5.6.1 The duty of this Committee is to advise the School of Medicine faculty on matters pertaining to Ph.D., M.D.-Ph.D. and M.S. degree programs.
ME5.7 There shall be a Volunteer Clinical Appointments and Advancements Committee. The Committee shall consist of three (3) faculty members, the Chair of the Division of Clinical Sciences and up to three (3) faculty members in the Volunteer Clinical Professor series.
ME5.7.1 The duty of this Committee is to advise the Chair and faculty members of the School of Medicine, the Dean, and the Executive Vice Chancellor on appointments and advances of clinical faculty to Volunteer Assistant, Volunteer Associate, and Volunteer Full Clinical Professor levels.

ME5.7.2 This Committee is subject to the procedures of Volunteer Clinical Appointments as outlined in the Memorandum of Understanding of $9 / 2003$ and subsequent changes that are approved by the Faculty of the School of Medicine, the Dean, and the Executive Vice Chancellor.
ME5.7.3 Members of this Committee will be appointed by the Faculty Executive Committee of the School of Medicine, with renewable two year terms of service.

## ME6 Election and Balloting

ME6.1 Elections are conducted as specified in ME3.1.1, ME3.1.2, and ME5.2.3.
ME6.1.1 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 of the

Academic Senate following the provisions of chapter 7 of the bylaws of the Riverside Division of the Academic Senate.

ME6 Amendments and Suspensions of Bylaws and Regulations

ME6.4 These bylaws can be amended or suspended only as provided in chapter 6 of the bylaws of the Riverside Division of the Academic Senate and in ME3.1.3.

Academic Senate following the provisions of chapter 7 of the bylaws of the Riverside Division of the Academic Senate.

## ME7 Amendments and Suspensions of Bylaws and Regulations

ME7.1 These bylaws can be amended or suspended only as provided in chapter 6 of the bylaws of the Riverside Division of the Academic Senate and in ME4.1.3.

Approved by the Biomedical Sciences Executive Committee: 01/10/2012
Approved by the Faculty of the School of Medicine: 01/10/2012
The Committee on Rules and Jurisdiction finds the wording consistent with the code of the Academic Senate: 1/16/2012

Received by the Executive Council of the Senate: 01/23/2012

## COMMITTEE ON ACADEMIC COMPUTING AND INFORMATION TECHNOLOGY REPORT TO THE RIVERSIDE DIVISION

February 21, 2012

To be adopted:

## Proposed change in Bylaw 8.9.3.5 -- Committee on Academic Computing and Information Technology

## Present:

8.9.1 This committee consists of at least seven members, including the Associate Vice Chancellor Computing and Communications or his/her representative and the University Librarian of the Riverside campus as ex officio members. (Am 5 Feb 98)

Neither ex officio member may serve as Chair.

The Chair normally also serves on the University Committee on Information Technology and Telecommunications Policy. (Am 19 Nov 81)(Am 2 Feb 89)
8.9.2 This committee shall advise the Division and the Chancellor on all matters relating to academic computing and information technology, including instructional technology. (Am 9 Feb 89) (Am 5 Feb 98)
8.9.3 It is the duty of this committee to:
8.9.3.1 Review Faculty and student use of the campus Computing and Communications unit for instruction and research;
8.9.3.2 Recommend ways to improve the functioning of the campus Computing and Communications unit to meet Faculty and student needs; (Am 5 Feb 98)

## Proposed:

No Change

No Change

No Change
No Change

No Change
8.9.3.3 Participate in long-range planning for computer and information technology use and development;
8.9.3.4 Recommend ways to improve education in the use of the computer and information. (Am 5 Feb 98)
8.9.3.5 Solicit and rank requests for grants for Innovative Uses of Computers in Instruction. (En 9 Feb 89) (Am 3 Feb 00)
8.9.3.6 Assess the state of campus instructional technology support and readiness to meet future needs. (En 5 Feb 98)
8.9.3.7 Recommend ways to improve campus instructional technology support to meet Faculty and student needs. (En 5 Feb 98)
8.9.3.8 Participate in long-range planning for instructional technology. (En 5 Feb 98)
8.9.4 This committee shall consult with the Divisional committees on Planning and Budget, Courses, and Educational Policy, and with other Senate and administrative committees, whenever appropriate to its tasks.

No Change

No Change
8.9.3.5 Solicit and rank requests for grants for supporting and expanding the use of computing and information technology in research and instruction. (En 9 Feb 89) (Am 3 Feb 00)

No Change

No Change

No Change

No Change

## JUSTIFICATION

Due to the budget cuts, funds are no longer available for Innovative Uses of Computers in Instruction; therefore the Committee will not be soliciting and ranking IUC requests. Should funding become available at a later date, the Committee will be responsible for this task, as before.

Approved by the Committee on Academic Computing \& Informational Technology: 11/17/11 The Committee on Rules and Jurisdiction finds the wording consistent with the code of the Academic Senate: 11/28/11
Received by the Executive Council: 01/09/12

# COMMITTEE ON SCHOLARSHIPS AND HONORS <br> REPORT TO THE RIVERSIDE DIVISION <br> FEBRUARY 21, 2012 

To be adopted:
Proposed Change to Bylaw 8.22.1 and 8.22.2.4

Present:
8.22.1 This committee consists of eight members of the Division; one undergraduate student representative; Vice Chancellor of Student Affairs, ex officio; and the Director of Financial Aid, ex officio. (Am 4 Feb 88) (Am 20 Feb 03)
8.22.2.4 Report to the Division, at least twice annually, on deliberations and recommendations of the committee.

## Proposed:

8.22.1 This committee consists of eight members of the Division; one undergraduate student representative, who shall not have the right to vote; Vice Chancellor of Student Affairs, ex officio, who shall not have the right to vote; and the Director of Financial Aid, ex officio, who shall not have the right to vote. (Am 4 Feb 88) (Am 20 Feb 03)
8.22.2.4 Report to the Division annually on deliberations and recommendations of the committee.

## Justification:

At its October 7, 2010 meeting, the Committee on Scholarships and Honors unanimously approved changes to its bylaws. First, the Committee eliminated the voting rights of ex officio members (and one of the two ex-officio members was present for this vote). We voted to do so because ex officio members do not regularly attend meetings and since at any given meeting there are always one or two other absences, were someone to call for a quorum, the Committee would be unable to conduct business. Second, the Committee changed the wording of the bylaws to clarify that the student representative has no voting rights, as per Academic Senate regulations. Finally, for many years (except for this year), the Committee has met only once; when it selects the recipients of the awards it oversees in early spring. The Committee reports to the Division annually and has done so for quite some time, not at least twice annually as stated in the bylaw. The Committee felt this needed to be clarified and corrected in the bylaws.

Effective: upon approval

Approved by Committee on Scholarships and Honors: 10/7/2010
The Committee on Rules and Jurisdiction finds the wording consistent with the code of the Academic Senate: 1/6/2011

Received by the Executive Council: 2/13/2012

# EXECUTIVE COMMITTEE GRADUATE SCHOOL OF EDUCATION REPORT TO THE RIVERSIDE DIVISION FEBRUARY 21, 2012 

To be adopted:
Proposal for an Undergraduate Minor in Education

## PROPOSED:

1. PROGRAM DESCRIPTION
a) 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.
b) 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, literacy and language, curriculum and teaching strategies, and educational research.
c) The Education Minor does not lead to a teaching credential, however some of the courses will satisfy UCR credential program requirements. Students who are interested in pursuing a teaching credential should contact GSOE student services at 827-5225.
2. PROGRAM REQUIREMENTS
a) The Education Minor consists of the satisfactory completion of 24 units in courses identified for the Education Minor Program. At least 18 units must be completed in upper division courses.
b) All courses must be completed with a minimum grade of "C" and a minimum cumulative GPA of 2.0

## 3. COURSE OFFERINGS

a) The following courses will comprise the menu of electives for the Education Minor: EDUC 100B, EDUC 114, EDUC 116, EDUC 120, EDUC 129, EDUC 130, EDUC 131, EDUC 139, EDUC 172, EDUC 174, EDUC 177A, EDUC 177B.
b) Additional courses may be added to this list by proposals of academic units, or by petitions of students to take a suitable alternative course. 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.
4. PROGRAM ADMISSIONS AND ADMINISTRATION
a) Students apply to the Education Minor by submitting a UC
Riverside "Request to Declare/Drop a Minor" form.
b) Once approved by the Education Minor Committee, the application goes to the student's college for approval. Both approvals are required for admission.
c) The minimum qualifications are:
(1) Present good academic standing with a minimum GPA of 2.0
(2) Application filed no later than four quarters before expected graduation

## JUSTIFICATION:

The proposed Education Minor provides an opportunity for students to explore educational policy, practice, and research with connections to many other fields of study. The Ad Hoc Committee has consulted extensively with other units at UCR, in particular with the leadership of CHASS and Liberal Studies, and there has been unanimous concurrence that the Education Minor would benefit students in many disciplines. Students in particular will benefit from the ability to explore interests that may result in the pursuit of a career in teaching or research in the social sciences. We welcome the opportunity to support UCR students and add to the wealth of options for our growing undergraduate population.

## APPROVALS:

Approved by the faculty of the Graduate School of Education: 11/8/2011
Approved by the Executive Committee of the Graduate School of Education: 11/1/2011
Approved by the Committee on Educational Policy: $\underline{1 / 25 / 2011}$

# EXECUTIVE COMMITTEE SCHOOL OF BUSINESS ADMINISTRATION REPORT TO THE RIVERSIDE DIVISION February 21, 2012 

To be adopted:
Proposed Changes to Business Administration

## PRESENT:

## Majors

The B.S. in Business Administration is a two-year upper-division major offered by the School of Business Administration (SoBA). Students can enroll in a Pre-Business status and are advised in CHASS during their freshman and sophomore years. The Pre-Business curriculum includes the prerequisites to the major and the college breadth requirements. After admission to the major, students are advised by the SoBA through its Office of Undergraduate Programs located at 2340 Olmsted Hall. The B.S. degree in Business Administration is conferred by the SoBA.

The program is accredited by the AACSB International - The Association to Advance Collegiate Schools of Business.

Admission A limited number of students are accepted into the Business Administration major, chosen according to overall GPA. Students must apply for the major when they have completed not fewer than 75 and not more than 100 quarter units of college work. Final acceptance into the major is based on completion of all prerequisites and breadth requirements within a 100-quarter-unit limit, a GPA above 2.50 in prerequisites, and cumulative GPA of at least 2.50 . (Students who have not completed the foreign language breadth requirement may be accepted into the program, but they must complete the requirement before graduation.) Exceptions to the 100-quarter-unit maximum must be requested by petition.

UCR Students (excluding Pre-Business students)
interested in changing major to Business Administration will be admissible to the Business Preparatory (BSPR), (which is not a major in UCR, but a holding group of transfer students who appear to be qualified for admission into business

## PROPOSED:

[no change]

Admission A limited number of students are accepted into the Business Administration major, chosen according to overall GPA. Students must apply for the major when they have completed not fewer than 75 and not more than 100 quarter units of college work. Final acceptance into the major is based on completion of all prerequisites and breadth requirements within a 100-quarter-unit limit, a GPA above 2.50 in prerequisites, and cumulative GPA of at least 2.70. (Students who have not completed the foreign language breadth requirement may be accepted into the program, but they must complete the requirement before graduation.) Exceptions to the 100 -quarter-unit maximum must be requested by petition.
[no change]
administration, but have some deficiencies which need to be completed before admission into business administration) status only if they can complete their deficiencies in breadth and/or major prerequisites within one quarter (the first quarter after admission into Bus-Preparatory).

The same rule will apply to students transferring in from a community college or a four-year school. In the event these students fail to meet this one quarter requirement, they will not be admitted into the BSPR category, and will be advised to find another major at UCR.

Students are encouraged to participate in at least one internship during their junior or senior year. Students interested in international business are encouraged to consider opportunities for study through the Education Abroad Program, which has centers affiliated with more than 150 institutions in 35 countries worldwide. For further details, visit UCR's International Education Center at internationalcenter.ucr.edu or call (951) 8274113.

## Minor

Students declaring a minor in Business Undergraduate Business Programs at least three quarters prior to graduation. That office will publicize the deadlines each quarter to all colleges and major departments.

Prerequisites for the minor in Business Administration are as follows:

1. Three lower-division courses (14 units) (must be completed with no grade lower than "C"): BUS 020, ECON004, STAT 048

Requirements for the minor in Business Administration are as follows:
2. Six upper-division courses (24 units):
a) Four courses from the following:

BUS 101, BUS 103, BUS 104/STAT 104, BUS 105, BUS 106/ECON 134, BUS 108, one of BUS 102 or PHIL 116
b) Two additional upper-division Business Administration courses.
[no change]

1. Three lower-division courses (14 units) (must be completed with no grade lower than "C"): BUS 020, ECON003, STAT 048
[no change]
[no change]
[no change]

## JUSTIFICATION:

[Change to GPA requirement]:
According to US News and World Report, the undergraduate business program was ranked 55 among all universities in the country (for comparison, in the same survey, UCR as a whole was ranked 97, and both the Bourns College of Engineering and the Graduate School of Education are ranked 66). The total number of students we graduate each year varies between 575 and 625. Data show that among students who are currently admitted those whose cumulative GPA is between 2.5 and 2.7 are those that have the most difficulty with the business curriculum. A direct result of instituting the 2.7 cumulative GPA would reduce the number of students by a total of 14.82 per cent based on data from the last two years.

|  | Adm <br> $<2.7$ | Total Adm | Percentage |
| :--- | :---: | :---: | :---: |
| Quarter | 26 | 127 | $20.47 \%$ |
| 09S | 13 | 174 | $7.47 \%$ |
| 09F | 24 | 144 | $16.67 \%$ |
| 10W | 25 | 180 | $13.89 \%$ |
| 10S | 36 | 268 | $13.43 \%$ |
| 10F | 25 | 135 | $18.52 \%$ |
| 11W | 25 | 154 | $16.23 \%$ |
| 11S | 40 | 262 | $15.27 \%$ |
| 11F | 214 | 1444 | $14.82 \%$ |
| TOTAL |  |  |  |

Given a shortage of courses and ladder rank faculty, this would enable us to offer a tighter program, manage enrollment, and graduate our students in a timely manner.

This would also assist greatly towards reaccreditation by AACSB, which is due by January 2013 since ladder rank faculty will be able to teach at least $60 \%$ of the core and elective courses (the ratio required for AACSB accreditation).

There is precedent of selective admission at UCR. Both Political Science and Psychology have a requirement of 2.7 for admission into the major.

Our competitor schools in the UC system, Berkeley and Irvine, graduate only 200 and 100 students respectively. UCR would still remain in the enviable position of having the largest business program in the UC system, by graduating about 500 students annually.
[Change to Minor section]:

ECON004, Principles of Economics, is a course that has not been offered by the Economics Department since Fall 2010. Before Fall 2010, students pursuing the Business Administration major were required to complete ECON004. Since Fall 2010, the lower-division economics requirement has been changed to completion of ECON002 and ECON003. The Economics Department does not plan to offer ECON004 again. Therefore, we propose changing the lower-division economics requirement for students pursuing the Business Administration minor from ECON004 to ECON003.

## APPROVALS:

Approved by Business Administration Program Committee: 11/15/2011
Approved by the School of Business Administration Executive Committee: 11/15/2011
Approved by the Committee on Educational Policy: 1/3/2012
Reviewed by the Committee on Undergraduate Admissions; see attached document

# UCRIVERSIDE |Academic UCRIVERSIDE ${ }_{\text {senate }}^{\text {Acade }}$ 

February 7, 2012

To: Martin Johnson, Chair Committee on Educational Policy<br>From: Steven E. Clark, Chair<br>Undergraduate Admissions Committee<br>Re: School of Business Administration Proposal (Revised Approval)

February 7, 2012

The Undergraduate Admissions Committee met on January 18, 2012, and discussed the School of Business Administration Proposal to modify the requirements for admission to the Business Administration major (specifically a proposal to increase the cumulative GPA requirement from 2.5 to 2.7; and to change one of the prerequisites for the Business Administration minor, from ECON 004 to ECON 003).

The committee did not see an implementation date for the proposed changes. In order to provide students with advanced notice of the change, the committee conditionally approved the proposed changes with an implementation date for the Fall 2014 admissions cycle.

Subsequent to this approval of the proposal, the Undergraduate Admissions Committee was informed that the 2014 implementation date would pose a problem for the School of Business Administration because ECON 004 was no longer being offered. The Undergraduate Admissions Committee therefore revised its approval on February 6, 2012, in order to implement the prerequisite course change (from ECON 004 to ECON 003) for Fall 2012, and to implement the change in the GPA requirement for the Fall 2014 admissions cycle.

Proposed Resolution Concerning the Right of Assembly-- Committee on Academic Freedom

The following resolution is proposed for adoption by the Riverside Division of the Academic Senate:
"The right of assembly and expression of views shall not be suppressed. Such assemblies and expressions, however, shall not interfere with the lawful conduct and public safety of others at the University."

The Division requests that this resolution be introduced at the next meeting of the University Committee on Academic Freedom.


[^0]:    *Approval of all items on the Consent Calendar requires a single unanimous vote called for as the first order of business under Special Orders. At the request of any member of the Division, any such item must be withdrawn and considered in its regular order on the agenda [bylaw 4.1.2].
    **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.

