EXECUTIVE COMMITTEE
COLLEGE OF HUMANITIES ARTS AND SOCIAL SCIENCES

REPORT TO THE RIVERSIDE DIVISION
MAY 19, 2015

To be adopted:
Proposed New B.S. in Sustainability Studies

PRESENT: PROPOSED:

Sustainability is broadly understood as the pursuit of a livable world for all human and non-human life at present and in the future. The Sustainability Studies Bachelor of Science degree offered by the Gender and Sexuality Studies Department investigates the historical and contemporary ways environments change, and are changed by, human activity. Focusing on a range of challenges to sustainability including climate change, air and water pollution, toxic contamination, energy demands, economic growth, agricultural production, and environmental injustice, the B.S. curriculum offers a comparative, interdisciplinary, transnational approach to the theories and practices of building a sustainable future. Courses in gender and sustainability, natural and earth sciences, engineering, health and medicine, cultural studies, policy, media, and social sciences prepare students to respond to challenges to local, regional, and global sustainability. Students will be trained in feminist paradigms and methodologies associated with intersectionality, dialogue, and relation. Through in-depth, engaged learning experiences, this major educates global citizens who will be prepared for careers in industry, health care, public service, policy advocacy, education, and social activism relevant to sustainability.

This is a major that accommodates CNAS transfers who have considerable amounts of training in science and aspire to get an interdisciplinary education in sustainability. This major also encourages students to do internships with local environmental organizations, health advocates, and other institutions as well as to broaden their perspectives through the study abroad program.

Major Requirements
1) Lower-Division Requirement (4 courses, 14~16 units)
a) GSST 001

b) GSST 021

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

2) Quantitative Method Requirement (one course, 4 units)
One of the following courses or sequences OR an additional science course with a lab: SOC 001/004/005, STAT 048, STAT 100A, PSYC 011, POSC 114, ECON 101, GEO 157

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

a) GSST 100

b) Two GSST courses, of which at least one is from the following courses on gender & sustainability: GSST 131, GSST 161, GSST 171, GSST 173, GSST 181, GSST 183

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

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

ii) Health & medicine
ANTH143/GSST 185, ANTH 158, ANTH 160, ANTH 162, ANTH 166, ETST 116, HIST 107

iii) Science, technology, and related topics: ANTH 110, ANTH 132, ANTH 140T, ANTH 164/LNST 164/GSST 164, AST 107, ETST 183, HIST 105, HIST106, HIST 109/ENGR 109, MCS 122, PHIL 117, RLST 164, SOC 137, SOC 161, SOC 184

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

d) Capstone course sequence, required for all seniors: GSST 191A + GSST 191C

Justification:
See proposal.

Approvals:
Approved by the faculty of the Department of Gender & Sexuality Studies: January 14, 2015
Approved by the Executive Committee of the College of Humanities, Arts & Social Sciences: March 18, 2015
Approved by the Committee on Educational Policy: April 27, 2015
March 18, 2015

To: Shaun Bowler, Dean of CHASS  
   Executive Committee of the UCR Academic Senate  
   Committee on Educational Policy

From: Chikako Takeshita, Associate Professor, GSST  
      Juliann Allison, Associate Professor, GSST  
      Jade Sasser, Assistant Professor, GSST  
      Marguerite Waller, Chair, GSST

Re: Establishment of a new undergraduate degree program

The Department of Gender and Sexuality Studies submits the following proposal to establish a new Bachelor of Science Degree in Sustainability Studies

Attachments:
- Proposal
- Curriculum and Course Descriptions
- e-mails of support and approval
A Proposal for

Bachelor of Science Degree Program in
Sustainability Studies

Gender and Sexuality Studies Department
Riverside, CA

March 18, 2015

Submitted by:
Marguerite Waller, Chair and Professor, Gender & Sexuality Studies and Comparative Literature
Chikako Takeshita, Associate Professor, Gender & Sexuality Studies
Juliann Allison, Associate Professor, Gender & Sexuality Studies and Public Policy
Jade Sasser, Assistant Professor, Gender & Sexuality Studies
1. Name and administrator of the proposed program

   Department that will administer the program: Gender and Sexuality Studies
   Name of academic program: B.S. in Sustainability Studies

2. Justification:

   Two years ago we were approached by CHASS Associate Dean of Undergraduate Education, Peter Graham, concerning the possibility of our offering a Bachelor of Science Degree. Many UCR students receive extensive training in the sciences, but wish to take their scientific education in interdisciplinary directions that include work in sustainability, health, human rights, critical epistemology, critical thinking about race, class, ethnicity, gender, and sexuality, public policy, and community involvement. At the same time, the GSST Department was exploring ways to extend its commitment to interdisciplinarity to include the STEM fields. We also perceived that sustainability studies was not prominently represented in the campus curriculum and that this new field called for just the kind of interdisciplinary, transnational epistemology and methodology we had been successfully developing over the past twenty years. In anticipation of establishing the new GSST B.S. in Sustainability Studies, the EVC and Dean approved a new line in the department in the area of Feminist Political Ecology/Sustainability Studies, leading to the hire of Dr. Jade Sasser, one of the designers of this proposal.

   As a broad consensus of scholarly and journalistic accounts attest, issues related to climate change, environmental degradation, pollution, and the challenges we face in creating sustainable futures globally are inextricable—empirically, conceptually, politically, and economically—from the social constructions and lived realities of gender and sexuality (Rocheleau, Nixon, Klein). Vulnerable populations have been the first and the hardest hit by unsustainable practices of extraction, industrialization, finance, corporate agriculture, air and water pollution, environmental degradation and the forms of exploitation and denial of rights that accompany these (Cabezas, Reese, and Waller; Nixon; Kumar, Klein). Gender and sexuality have also played a prominent role across the globe in theorizing, developing, advocating, and implementing sustainable practices and shifting the dominant development paradigm from one of growth to one of sustainability (Akhter, Baum, Ezeilo, Kumar, Maathai, Moony, Shiva).

   Motivations for creating this program have proliferated since we first began to conceptualize it. The urgency of achieving what UCR Sustainability Officer John Cook calls a “systems approach” and what faculty in Gender and Sexuality Studies call an “interdisciplinary, intersectional approach” to “sustainability literacy” has increased and will continue to increase as problems related to climate change snowball and intensify. Also catalyzing this initiative, the President of the UC system, Janet Napolitano, has made a commitment to ensure that all UCs are carbon neutral by 2025. The global situation in general and the UC position in particular call for
new curricular initiatives to amplify and contextualize modifications to our everyday practices and physical infrastructure.

Yet student needs and interests remain at the heart of this proposal. Currently, many students in GSST are double majors with CNAS; an even larger number are double majoring in GSST and a social science. The social science departments are themselves severely impacted, particularly with students who have changed their majors from CNAS to CHASS and are seeking to integrate scientific approaches with social, political, and community interests. It is anticipated that the B.S. in Sustainability Studies will relieve pressure on these departments.

The R'Garden and several R'courses have taken the lead in creating courses and fieldwork opportunities in Sustainability Studies. A poll of graduating majors conducted in the spring of 2014 also indicated that many students wanted to integrate the disciplines of CNAS, Engineering, and CHASS in a coherent major. New GSST courses in Gender, Sustainability, and the Global South and The Politics of Food, have quickly enrolled to capacity and two more new courses, Environmental Health and Social Justice and Gender and Climate Change promise to do likewise. The department recently received a grant from the Office of Undergraduate Education to build an Internship program; twenty-two students immediately applied for the Spring Quarter pilot though which the department can offer work experience in cutting edge community-based sustainability initiatives. Also this Winter, members of the department developed and submitted Cluster Hire proposals in Sustainability and Social Justice and Urban Sustainability, which, if accepted, would bring to campus a cohort of new faculty members working in partnership to facilitate collaboration among experts in environmental science and engineering, social and health sciences, and humanities in an effort to define and address sustainability issues locally and globally.

Another motivation for the creation of this program is the development by a faculty committee on the UCR campus of a Certificate in Sustainability Literacy. Students will graduate with this certificate after having taken and passed a certain number of courses related to sustainability. The goal is for 90% of UCR students to earn this designation. Our course offerings in the Sustainability Studies B.S. are likely to be in great demand by students fulfilling the requirements for the certificate, while the B.S. itself will create a core group of majors giving the field definition. These majors and certificate holders will find themselves well situated to continue their studies in one of the 465 Masters Degree programs now available at universities across the U.S. Students who earn a GSST B.S. in Sustainability Studies will be well-prepared to pursue a broad range of careers in public service, industry, policy-making, administration, health, food and agriculture, education, media, community and lab-based research, and non-profit organizations focused on the environment.

3. Relationship to the existing program
The GSST B.S. in Sustainability is an organic outgrowth of the department’s current curriculum, linking it with an inclusive range of campus offerings in sustainability-related courses including environmental science and environmental studies, natural resource use, wildlife ecology, climate change, environmental economics and management, health and medicine, media production, cultural studies, and public policy.

The GSST interdisciplinary curriculum includes offerings in gender, science, and technology; epistemologies; globalization and development; transnational understandings of the construction and intersectional operation of categories of gender, sexuality, race, nationality, ethnicity, class, and religion, gender and sustainability; the politics of food; the politics of borders; environmental health and social justice; gender and climate change; gender and revolution, gender and politics in global perspective; gender, labor, and economics; and the emergent field of trans studies as it forges new understandings of healthy bodies and minds and engages health and well-being as outcomes of economic, environmental, education, health care, immigration and other institutional policies.

This program will have minimal overlap but great complementarily with the Environmental Sustainability Option being developed within the Environmental Sciences Undergraduate major. The Environmental Sciences Department program will emphasize technology and environmental management solutions and focus primarily on the sustainable use of water, air, soil and ecosystems, while the GSST B. S. will emphasize an interdisciplinary intersectional approach in its focus on the political, social, and epistemological ramifications of working toward sustainability.

4. Proposed curriculum

Please see proposed curriculum below. Care has been taken to correlate the B.S. with the existing B.A. in GSST. One more course is required for the B.S., but this is offset by the campus’s language requirement for B.S. degrees, which is one quarter less than the requirement for the B.A.

The B.S. curriculum includes a new lower division course, GSST 021: Gender and Sustainability that introduces students to the role of gender analysis in understanding the impacts of human society on the natural environment. This course maintains the global perspective of GSST 20, but focuses on the issue of sustainability in global perspective. The B.S. also requires a different version of the department’s capstone methods course (191C rather than 191B), which has just been approved by the CEP. Other notable features of the proposed curriculum are its flexibility (allowing students to formulate different trajectories), its options for students already well-prepared in science and/or technology, and its accommodation of transfer students. The B.S. includes a quantitative requirement, which may be fulfilled by taking an appropriate math, social science, or science course.
Proposed Changes to Sustainability Studies

**PRESENT:**

**PROPOSED:**

**Program Description**
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This is a major that accommodates CNAS transfers who have considerable amounts of training in science and aspire to get an interdisciplinary education in sustainability. This major also encourages students to do internships with local environmental organizations, health advocates, and other institutions as well as to broaden their perspectives through the study abroad program.

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ii) Health & medicine: ANTH143/GSST 185, ANTH 158, ANTH 160, ANTH 162, ANTH 166,
ETST 116, HIST 107

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

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

d) Capstone course sequence, required for all seniors:
GSST 191A + GSST 191C
5. Faculty teaching, advising, and administering the GSST B.S. in Sustainability Studies:

   Marguerite Waller, Chair of GSST and Professor of GSST and Comparative Literature, Gender, Development, and the Global South

   Chikako Takeshita, Associate Professor, GSST, Science and Technology Studies

   Juliann Allison, Associate Professor, GSST and School of Public Policy, Political economy, environmental politics and policy, and community-based social change, especially as it relates to the gendered dimensions environmental sustainability and conflict resolution.

   Jade Sasser, Assistant Professor, GSST, Feminist Political Ecology and Sustainability Studies

   Tammy Ho, Associate Professor, GSST. Politics of Food

   Sherine Hafez, Associate Professor, Gender and Labor, Gender and Revolution

   John Cook, UCR Sustainability Officer, Advisor

   Faculty across CHASS, CNAS, and BCOE who offer courses that count toward the B.S. in Sustainability Studies

6. Shared administration of the program

   This program will be administered by the GSST Department.

7. Projected enrollment in the program

   The enrollment in the program as projected by Associate Dean Graham is between 200 and 225 undergraduates

8. Name and the anticipated number of degrees offered

   B.S. in Sustainability Studies

   Anticipated number of degrees to be granted when program reaches steady state: Approximately 50 per year.
9. Potential impact on existing programs and other departments

It is anticipated that the new B.S. will increase the number of majors in GSST, which currently teaches large numbers of students but has the capacity to serve more majors. It is also designed to relieve pressure on impacted departments, particularly in the social sciences. It will contribute significantly to the strength and uniqueness of GSST’s proposed Ph.D. program, which will be updated and resubmitted in 2015-16. Concerning the many other departments in which B.S. students will take courses, no one of them is likely to be significantly impacted. Students have a wide range of choices in fulfilling the degree requirements, and no one course or department is likely to enroll more than a handful. The core and elective courses in sustainability offered by the department, conversely, are likely to attract students from across campus and may need to be offered in a large lecture format. Approvals from the departments listed under item #12 are included in a separate file. See item #10 below for details concerning resources that will be needed by GSST.

10. Resources required for start-up and operations:

a. It is anticipated that as the degree program grows, one new faculty FTE dedicated to the B.S. will be needed, in addition to professor Sasser, to deepen the curriculum and alternate administrative and advisory responsibilities across sabbaticals.

The GSST department currently has 3 permanent TA positions per year (beginning in 2015-16). It is anticipated that with the new B.S. a 4th permanent TA will be required, allowing GSST 001 to be offered to 300 students per quarter with one instructor and 12 sections. As other courses increase in size due to the B.S. and to the Sustainability Certificate, 1 more TA-ship will likely be needed for GSST 21 and GSST 100. Since these courses do not need to be offered three times a year, this TA ship could be split between these two courses. As soon as the department has its Ph.D. program in place, these TA ships would logically be drawn from among its own graduate students.

The MDU staff seems already stretched to maximum capacity. The new B.S. would not be unique among the programs served by the MDU in advocating for an increase in staffing.

No new computer facilities are required.

The subject specialist librarian for gender and sexuality studies has been consulted. The Library’s collections should be adequate to accommodate the needs for the Sustainability Studies Bachelor of Science degree of the Gender and Sexuality Studies Department. The Library will be able to
purchase the majority of required titles it does not currently hold. In anticipation of 2015 Fall Quarter offerings of GSST courses on gender and sustainability, the Library can purchase titles during the Spring and Summer Quarters 2015.

Summary: 1 new faculty FTE  
2 new TA ships  
Increase in MDU staff in line with requests from other departments and programs served by the MDU.

b. Support services and space:

1 new faculty office on the second floor of INTN would be needed. One of the interior offices in INTN 2033, the departmental office, might be available. This space is controlled by the MDU.

2 TA offices on the second floor of INTN would be needed. Office space for TAs is allocated and administered by the MDU.

Support for the Internship program is being provided by the Office of Undergraduate Education.

c. Plans for obtaining resources

Most resources are already available or will be requested from the MDU and/or the CHASS Dean’s office. The GSST department was awarded a grant from the UE office to support the Internship program and was encouraged to reapply next year for a UE grant to support the new capstone GSST 191C course. It is expected that the department and faculty in the department will continue to apply for both intra and extra-mural grants to support the new B.S. In particular, last summer a group of faculty explored the possibility of applying for an NSF grant for Hispanic Serving Institutions that would support undergraduate research and travel to the annual Climate Change Conference.

11. Supporting letters

See separate file of internal letters of support and emails of approval. The requirement for external support letters was waived. See email from Gabrielle Brewer in the file of support letters and approval emails.

Letters of support from:

Anil Deolalikar, Dean, School of Public Policy
Susan Ossman, Director of Global Studies
Sang-Hee Lee, Chair, Anthropology
12. Approvals:

a. Program faculty

The following faculty of Gender and Sexuality Studies, who are also the authors and administrators of the new program, approve this proposal:

Marguerite Waller, Chair and Professor
Chikako Takeshita, Associate Professor
Juliann Allison, Associate Professor
Jade Sasser, Assistant Professor

b. Chairs associated with the courses included in the new curriculum

List of chairs from whom approvals have been requested.

**CHASS**

Anil Deolalikar, Founding Dean, School of Public Policy (approved)
Keith Harris, Chair, Media and Cultural Studies (approved)
Randolph Head, Chair, History (approved)
Sang-Hee Lee, Chair, Anthropology (approved)
Erich Reck, Chair, Philosophy (approved)
Dylan Rodriguez, Chair, Ethnic Studies (approved)
Raymond (Rusty) Russell, Chair, Sociology (approved)
Pashaura Singh, Chair, Religious Studies (approved)
Aman Ullah, Chair, Economics (approved)
John Medearis, Chair, Political Science (approved)

**CNAS**

Michael Allen, Chair, Biology (approved)
Gerhard Gierz, Chair, Math (approved)
David Oglesby, Chair, Earth Sciences (approved)
Umar Mohideen, Chair, Physics (approved)
Richard Redak, Chair, Entomology (approved)
Mikael.Roose, Chair, BPSC (approved)
Daniel Jeske, Statistics (approved)

**BCOE**
Guillermo Aguilar, Chair, Mechanical Engineering (approved)
James Sickman, Chair, Environmental Sciences (approved)

**Sustainability Office**

John Cook, Sustainability Officer (approved)

c. Executive Committee

Pending approval
Works Cited:


Waiver of external support letters:
e-mail from Beth Beatty, Analyst, Academic Senate

Letters of support from:

Anil Deolalikar, Dean, School of Public Policy
Susan Ossman, Director of Global Studies
Sang-Hee Lee, Chair, Anthropology
John Medearis, Chair, Political Science
John Cook, Sustainability Officer, UCR

Request for approval:
e-mail from Margie Waller, Chair, Gender & Sexuality Studies

Approvals from:

CHASS
Anil Deolalikar, Founding Dean, School of Public Policy (approved)
Keith Harris, Chair, Media and Cultural Studies (approved)
Randolph Head, Chair, History (approved)
Sang-Hee Lee, Chair, Anthropology (approved)
Erich Reck, Chair, Philosophy (approved)
Dylan Rodriguez, Chair, Ethnic Studies (approved)
Raymond (Rusty) Russell, Chair, Sociology (approved)
Pashaura Singh, Chair, Religious Studies (approved)
Aman Ullah, Chair, Economics (approved)
John Medearis, Political Science (approved)

CNAS
Michael Allen, Chair, Biology (approved)
Gerhard Gierz, Chair, Math (approved)
David Oglesby, Chair, Earth Sciences (approved)
Umar Mohideen, Chair, Physics (approved)
Richard Redak, Chair, Entomology (approved)
Mikael.Roose, Chair, BPSC (approved)
Daniel Jeske, Statistics (approved)

BCOE
Guillermo Aguilar, Chair, Mechanical Engineering (approved)
James Sickman, Chair, Environmental Sciences (approved)

Sustainability Office
John Cook, Sustainability Officer (approved)
Hi Margie,

Here is the response from CEP. Your request has been approved. Let me know if you have any questions.

Thanks,
Gabby

-----Original Message-----
From: Beth Beatty
Sent: Monday, March 02, 2015 9:48 AM
To: Gabrielle Brewer
Subject: RE: question about outside letters for BS

Dear Gabby,

The Committee on Educational Policy has waived the requirement for external letters for GSST proposed new B.S.

Thanks,
Beth
April 2, 2015

Marguerite Waller
Chair, Gender and Sexuality Studies

Dear Margie,

I am happy to support the Department of Gender and Sexuality Studies’ proposal for a BS in Sustainability Studies. Such a major is essential for a campus that was named one of The Princeton Review’s 322 Green Colleges. A CHASS major in sustainability studies complements the environmental science and related majors available to students in CNAS. It also reflects UCR’s institutional commitment to sustainability, which includes: academics and research, built environment, energy and climate protection, food, procurement, recycling and waste management, sites, and transportation.

I would like to add that the availability of a Sustainability Studies major designed to provide scientific literacy and methodological training for social science and other CHASS students introduces potentially significant synergies for undergraduate Public Policy majors. I expect our majors who focus on Urban/Environmental Policy, in particular, will take advantage of new course offerings in sustainability. Some may even opt to double major.

I expect the major in Sustainability Studies will be very popular among UCR’s undergraduates and look forward to its success.

Sincerely,

[Signature]

Anil Deolalikar
Founding Dean, School of Public Policy
Director, Public Policy Program
letter of support for BS in Sustainability Studies
Susan Marie Ossman

Sent: Monday, April 06, 2015 1:43 AM
To: Marguerite Waller
Cc: Chikako Takeshita; Juliann E Allison

Dear Margie,

The proposed BS in Sustainability Studies will be an excellent addition to the offerings of the department of Gender and Sexuality studies. In addition to developing an attractive major that draws on university-wide resources, offering students a broad, interdisciplinary approach to the study of sustainability, it will encourage the development of new courses in which students in other programs like Global Studies will certainly enroll. I am certain that the students in GBST will be very interested in these new offerings.

Sincerely,

Susan Ossman
Director of Global Studies
Professor of Anthropology
April 7, 2015

Re: Support letter for the GSST B.S. in Sustainability Studies

Dear Members of the UCR Academic Senate:

The Anthropology Department is very pleased to support the B.S. in Sustainability Studies being proposed by the Gender and Sexuality Studies Department.

Sustainability is one of the critically important topics in Anthropology, with several recent international conferences dedicated to Anthropology and Sustainability, including those of CASA (Conference on Anthropology and Sustainability in Asia) and ICASA (International Conference on Anthropology and Sustainability in Asia). The AAA (American Anthropological Association) meetings last year included several sections dedicated to Sustainability.

There has also been a proliferation of books on Anthropology and Sustainability including an Environment in Anthropology Reader. Nationally and globally we are seeing the development of many undergraduate and graduate programs in Environmental Anthropology and Cultural Sustainability. Students will have a wealth of further education and career paths to choose from when they graduate with this B.S.

We appreciate the synergy that the new B.S. program will create among departments already offering courses in Sustainability Studies at UCR. The proposed curriculum takes many resources already available and puts them in new relationships with one another. In addition, we support the effort being made by the GSST Department and Associate Dean Peter Graham to alleviate some of the enrollment pressure on Anthropology in such a substantive and creative way.

We look forward to working with this new program.

Sincerely,

Sang-Hee Lee
Chair, Department of Anthropology
BS Letter of support from John Medearis
Marguerite Waller

Sent: Thursday, April 09, 2015 6:43 AM
To: Chikako Takeshita

Begin forwarded message:

From: John N Medearis <john.medearis@ucr.edu>
Subject: BS in Sustainability Studies
Date: April 8, 2015 at 10:24:52 PM PDT
To: Marguerite Waller <marguerite.waller@ucr.edu>
Cc: Juliann E Allison <juliann.allison@ucr.edu>

Dear Margie,

I write to express my support for the Department of Gender and Sexuality Studies’ proposal for a BS in Sustainability Studies.

Such a major would have real synergies with Environmental Science and other majors and courses in CNAS. It would also be consistent with UCR’s institutional commitment to sustainability, which includes: academics and research, built environment, energy and climate protection, food, procurement, recycling and waste management, sites, and transportation.

I understand that the following upper division Political Science courses would be listed as meeting requirements for Sustainability Studies majors: POSC 106, POSC 127, POSC 137, POSC 139, POSC 160, POSC 180, POSC 189. This has my full support.

In my view, a Sustainability Studies would meet a real need among our undergraduates, and I expect it would be quite popular and successful.

Sincerely,
John Medearis

John Medearis, Associate Professor and Chair
Department of Political Science
University of California, Riverside
Riverside, CA 92521
tel. 951-827-4345
john.medearis@ucr.edu

http://www.politicalscience.ucr.edu/people/faculty/medearis/
April 6, 2015

Dear UCR Academic Senate,

I am writing this letter in support of the newly proposed Bachelor of Science in Sustainability Studies through the Gender and Sexuality Studies Department.

Sustainability stands as one of the next emerging fields for undergraduate and graduate education and research. The richness of the field would allow for a wide variety of disciplinary approaches. Sustainability Studies will complement existing sustainability related programs in Environmental Engineering and Environmental Science by bringing into focus the third foundational pillar of sustainability -- social equity. Currently, UC offers 57 courses across 20 departments either focused on, or related to sustainability, but no major or minor degree in Sustainability.

With the establishment of the School of Public Policy, and its burgeoning program on Climate and Sustainability Policy at the Masters level, the undergraduate major in Sustainability Studies provides a preparatory degree for UCR students who would like to pursue graduate studies, and an opportunity for cross-listing courses between Gender and Sexuality Studies and Public Policy at the upper level undergraduate and graduate ranking. PBPL 129 is an excellent example of just such a collaboration, where students from Gender and Sexuality Studies, Public Policy, Anthropology and Environmental Sciences came together to learn a common methodology for understanding sustainability that was applicable within all of the diverse disciplines represented.

The GSST Sustainability Studies major also offers another avenue for the campus to fulfill its obligation as a signatory to the American College and University Presidents’ Climate Commitment UCR to provide climate literacy to all undergraduates. UCR is currently developing a Certification in Sustainability Literacy which would draw heavily upon GSST sustainability faculty and courses during its earliest implementation.

Sincerely,

John J. Cook, Ph.D., MBA

Director, Office of Sustainability
Adjunct Faculty, School of Public Policy
University of California Riverside
1223 University Avenue, Suite 240
Riverside, CA 92521
(951) 827-1270
Requesting your approval
Marguerite Waller

Sent: Monday, March 16, 2015 11:03 AM
To: Deborah Willis; Peshaura Singh; anil.deolalikar@ucr.edu; Keith M Harris; Randolph C Head; Dylan Rodriguez; Aman Ullah; Sang-hee Lee; Raymond L Russell
Cc: Gabrielle Brewer; Chitako Takeshita; Jade S Sasser; Julann E Allison
Attachments: GSST B.S. Proposal.3.15.pm..docx [129 KB] [Open as Web Page]; GSST CurricPlusCourseDesc~1.docx [133 KB] [Open as Web Page]

Dear Chairs and Dean Deolalikar,

I am writing to request your approval of a new B.S. degree in Sustainability Studies that the Gender and Sexuality Studies Department would like to submit to the Dean and to the Executive Committee by Wednesday, March 18.

To give you a little history, Peter Graham, Associate Dean of Undergraduate Studies, asked us year before last to develop a B.S. that could help relieve the highly impacted social science departments. He felt that we had done very well by our majors and that many students would welcome the opportunity to continue their science education in an interdisciplinary frame.

We identified Sustainability Studies as a good fit with what we already do and an urgent curricular need at UCR. In anticipation of the creation of the new B.S. in Sustainability Studies, we were awarded a new faculty FTE in Feminist Political Ecology/Sustainability Studies, which was successfully filled last spring. Our new colleague Dr. Jade Sasser, has been working throughout the Fall and Winter quarters to shape and strengthen the proposed curriculum.

I am writing to you for your approval because courses offered in your departments are included in this curriculum. Because of the program's flexibility, we do not anticipate that more than handful of GSST B.S. students would be taking any one of your courses, and these students might well have signed up for those courses anyway. In other words we do not anticipate that the new program will put a strain on your resources.

A fuller background account and justification are included in the proposal, which is attached here. Also attached is the curriculum itself and descriptions of all of the courses included in the curriculum.

Our timeline is tight. Like you, we have been immersed in cluster proposals, hiring etc. With apologies, could I ask you to get back to us by the end of the day tomorrow, Tuesday, March 17? A simple email will be sufficient.

Thank you very much.
Re: Requesting your approval
Anil B. Deolalikar [anild@ucr.edu]

Sent: Monday, March 16, 2015 5:38 PM
To: Marguerite Waller; Deborah Willis; Pashaura Singh; Keith M Harris; Randolph C Head;
    Dylan Rodriguez; Aman Ullah; Sang-hee Lee; Raymond L Russell
Cc: Gabrielle Brewer; Chikako Takeshita; Jade S Sasser; Juliann E Allison

Margie:

I am happy to support the proposal as well.

Best, Anil
Approval from MCS
Marguerite Waller

Sent: Wednesday, March 18, 2015 7:10 AM
To: Chikako Takeshita

Begin forwarded message:

From: Keith M Harris <keith.harris@ucr.edu>
Subject: Re: VERY URGENT Fwd: Requesting your approval
Date: March 18, 2015 at 5:18:58 AM PDT
To: Marguerite Waller <marguerite.waller@ucr.edu>

Sorry, I thought I had responded. Yes MCS is in support and approves.
Keith

Sent from Windows Mail

From: Marguerite Waller
Sent: Tuesday, March 17, 2015 5:49 PM
To: Keith M. Harris

Dear Keith,

We would be really grateful if you could take a look at this proposal and, we hope, approve it. Our deadline is tomorrow morning, though if you have reservations and would like to discuss, we are available.

Best, Margie, Chikako, Juliann, Jade
Dear Prof. Waller,

I am pleased to give my endorsement of a new B.Sc. in Sustainability Studies, to be administered by the Gender and Sexuality Studies Department.

cheers

Randy Head

------------------------
Randolph Head
Professor of History
Chair, Department of History

randolph.head@ucr.edu
I support this proposal.

Sang-Hee

Sang-Hee Lee
Associate Professor and Chair
Department of Anthropology
University of California, Riverside
Riverside, CA 92521-0418, USA

Email: shlee@ucr.edu
Phone: +1-951-827-4390
Skype: shleeucr
Web: http://faculty.ucr.edu/~shlee
BS Approval, Erich Reck, Chair, Philosophy
Marguerite Waller

This message was sent with High importance.

Sent: Thursday, April 02, 2015 11:13 AM
To: Chikako Takeshita; Juliann E Allison; Jade S Sasser

Begin forwarded message:

From: Erich H Reck <erich.reck@ucr.edu>
Subject: Re: B.S. approval
Date: March 25, 2015 at 10:34:37 AM PDT
To: Marguerite Waller <marguerite.waller@ucr.edu>

Dear Margie:

I hereby approve the involvement of the Philosophy Department in the new B.S. Sustainability Studies program at UCR.

Please let me know if you need anything else in this connection.

Best regards,
Erich Reck
RE: Requesting your approval
Dylan Rodriguez

Sent: Monday, March 16, 2015 5:37 PM
To: Marguerite Waller; Deborah Willis; Pashaura Singh; anil.deolalikar@ucr.edu; Keith M Harris; Randolph C Head; Dylan Rodriguez; Aman Ullah; Sang-hee Lee; Raymond L Russell
Cc: Gabrielle Brewer; Chikako Takeshita; Jade S Sasser; Juliann E Allison

I support this fully!
dylan

Sent from my Samsung Galaxy smartphone.
RE: Requesting your approval
Raymond L Russell

Sent: Tuesday, March 17, 2015 8:25 AM
To: Pashaura Singh; Anil Deolalikar
Cc: Marguerite Waller; Deborah Willis; Keith M Harris; Randolph C Head; Dylan Rodriguez; Aman Ullah; Sang-hee Lee; Gabrielle Brewer; Chikako Takeshita; Jade S Sasser; Juliann E Allison

This proposal also looks very good to me. I too am happy to support it.

Rusty
Re: Requesting your approval
Pashaura Singh

Sent: Monday, March 16, 2015 5:59 PM
To: Anil Deolalikar
Cc: Marguerite Waller; Deborah Willis; Pashaura Singh; Keith M Harris; Randolph C Head; Dylan Rodriguez; Aman Ullah; Sang-hee Lee; Raymond L Russell; Gabrielle Brewer; Chikako Takeshita; Jade S Sasser; Juliann E Allison

I support this proposal too.
PS

Pashaura Singh, Ph.D.
Professor & Dr. Jasbir S. Saini Endowed Chair in Sikh Studies
University of California Riverside
RE: Requesting your approval

Aman Ullah

Sent: Tuesday, March 17, 2015 9:14 AM
To: Raymond L Russell; Pashaura Singh; Anil Deolalikar
Cc: Marguerite Waller; Deborah Willis; Keith M Harris; Randolph C Head; Dylan Rodriguez; Sang-hee Lee; Gabrielle Brewer; Chikako Takeshita; Jade S Sasser; Juliann E Allison

I am happy to support this proposal.
Best, aman

Aman Ullah
Distinguished Professor of Economics
Chair, Economics Department
Sproul Hall, University of California
Riverside, CA 92521, U.S.A.

951-827-1470
951-827-5685 (Fax)
e-mail: aman.ullah@ucr.edu
http://economics.ucr.edu/ullah.html
BS Letter of support from John Medearis
Marguerite Waller

Sent: Thursday, April 09, 2015 6:43 AM
To: Chikako Takeshita

Begin forwarded message:

From: John N Medearis <john.medearis@ucr.edu>
Subject: BS in Sustainability Studies
Date: April 8, 2015 at 10:24:52 PM PDT
To: Marguerite Waller <marguerite.waller@ucr.edu>
Cc: Juliann E Allison <juliann.allison@ucr.edu>

Dear Margie,

I write to express my support for the Department of Gender and Sexuality Studies’ proposal for a BS in Sustainability Studies.

Such a major would have real synergies with Environmental Science and other majors and courses in CNAS. It would also be consistent with UCR’s institutional commitment to sustainability, which includes academics and research, built environment, energy and climate protection, food, procurement, recycling and waste management, sites, and transportation.

I understand that the following upper division Political Science courses would be listed as meeting requirements for Sustainability Studies majors: POSC 106, POSC 127, POSC 137, POSC 139, POSC 160, POSC 180, POSC 189. This has my full support.

In my view, a Sustainability Studies would meet a real need among our undergraduates, and I expect it would be quite popular and successful.

Sincerely,
John Medearis

John Medearis, Associate Professor and Chair
Department of Political Science
University of California, Riverside
Riverside, CA 92521
tel. 951-827-4345
john.medearis@ucr.edu

http://www.politicalscience.ucr.edu/people/faculty/medearis/
Dear Professor Waller:

I approve of the new B.S. degree in Sustainability Studies in the Gender and sexuality Studies Department. Please let me know how I can be of further assistance.

Sincerely, Mike Allen
Michael Állem
Chair and Professor, Department of Biology
Director, Center for Conservation Biology
Professor, Department of Plant Pathology and Microbiology
University of California
Riverside, CA 92521 USA
951/827-5494
From: Gerhard Gierz <gerhard.gierz@ucr.edu>
Subject: Re: Requesting your approval
Date: March 17, 2015 at 5:14:04 PM PDT
To: Marguerite Waller <marquerite.waller@ucr.edu>

It’s ok with me.

Gerhard
Hi Marguerite,

This sounds very interesting. I approve. Do you need anything else? Good luck with this!
—David
Fwd: urgently need approval email for BS
Marguerite Waller

This message was sent with High importance.

Sent: Thursday, April 09, 2015 11:47 PM
To: Chikako Takeshita

Begin forwarded message:

From: Umar Mohideen <umar.mohideen@ucr.edu>
Subject: Re: urgently need approval email for BS
Date: April 9, 2015 at 9:42:41 PM PDT
To: Marguerite Waller <marguerite.waller@ucr.edu>

Dear Marguerite:
The Physics and Astronomy Department approves of the inclusion of the Physics Classes in your proposal.

Apologies for the delay.
Best,
Umar Mohideen
BS Approval from Rick Redak, Chair of Entomology
Marguerite Waller

Sent: Thursday, April 02, 2015 11:11 AM
To: Chikako Takeshita; Juliann E Allison; Jade S Sasser

Begin forwarded message:

From: Rick Redak <richard.redak@ucr.edu>
Subject: RE: Approval needed by Monday for new program proposal
Date: March 20, 2015 at 8:37:21 AM PDT
To: Marguerite Waller <marguerite.waller@ucr.edu>

To: Marguerite Waller, Professor and Chair, Gender and Sexuality Studies
From: Rick Redak, Professor and Chair, Entomology
Subj: B.S. in Sustainability Studies

I enthusiastically endorse this proposal. Such a major is long overdue on this campus given the nature of our students and the curricula we offer. The inclusion of Entomology courses, I believe will provide unique opportunities for the students to understand the many facets behind the concept of sustainability. I am excited to see the success of this program and am eager to provide assistance where I can.
Roose approval
Marguerite Waller

Sent: Thursday, April 09, 2015 2:49 PM
To: Chikako Takeshita

Begin forwarded message:

From: Mikeal L Roose <mikeal.roose@ucr.edu>
Subject: RE: Approval needed by Monday for new program proposal
Date: April 2, 2015 at 11:52:32 AM PDT
To: Marguerite Waller <marguerite.waller@ucr.edu>
Cc: Juliann E Allison <juliann.allison@ucr.edu>

Dear Professor Waller,

The Department of Botany and Plant Sciences supports your request to establish a new B.S. in Sustainability Studies as outlined in proposals dated March 20, 2015. The BPSC courses proposed for inclusion in the major are appropriate. Please accept my best wishes for success in this new program.

Mikeal L. Roose
Professor of Genetics and Chair
Department of Botany and Plant Sciences
University of California
Riverside, CA 92521

mikeal.roose@ucr.edu
951-827-4137 (office)
951-827-4437 (FAX)

http://plantbiology.ucr.edu/faculty/Roose.html (web page)
BS Approval from Daniel Jeske, Chair, Statistics
Marguerite Waller

Sent: Thursday, April 02, 2015 11:13 AM
To: Chikako Takeshita; Juliann E Allison; Jade S Sasser

Begin forwarded message:

From: Daniel R Jeske <daniel.jeske@ucr.edu>
Subject: RE: Approval needed by Monday for new program proposal
Date: March 23, 2015 at 8:41:08 PM PDT
To: Marguerite Waller <marguerite.waller@ucr.edu>

Hi Marguerite,

Apologies for being late. I thought Monday would be ok, but reading your message below, I now see you wanted a reply by Sunday.

But in case it helps now, I don't have any reservations about the impact this program would have on our classes. I think we can absorb the extra students without difficulty.

I don't have a strong opinion one way or the other on the idea of the new degree. I don't fully understand the connection between sustainability and gender and sexuality, so I'd really need to learn more about that before I could express an informed opinion.

Dan
Approval from Guillermo Aguilar for BS in Sustainability Studies
Marguerite Waller

Sent: Monday, April 06, 2015 8:17 PM
To: Chikako Takeshita

Begin forwarded message:

From: Guillermo Aguilar <gaguilar@engr.ucr.edu>
Subject: RE: Approval for BS in Sustainability Studies
Date: April 6, 2015 at 6:15:09 PM PDT
To: Julianne Allison <julianne.allison@ucr.edu>
CC: marguerite.waller@ucr.edu <marguerite.waller@ucr.edu>

Dear Margie,
I have read your proposal and, on behalf of the Department of Mechanical Engineering, I support it.
Best Regards,

Guillermo Aguilar, Ph.D.
Professor and Chair
University of California Riverside
Department of Mechanical Engineering
A-345 Bourns Hall
Riverside CA, 92521
Off: 951-827-7717
Off: 951-827-2404
Fax:951-827-2899

gaguilar@engr.ucr.edu
http://www.engr.ucr.edu/~gaguilar
HI Chikako,

Can you work with this all right? It seems a bit complicated. I guess there is no harm in including the whole thread. Best, Margie

Begin forwarded message:

From: James O Sickman <james.sickman@ucr.edu>
Subject: RE: Text to be added to Section 2 of GSST proposal
Date: April 5, 2015 at 8:41:03 AM PDT
To: Marguerite Waller <marguerite.waller@ucr.edu>

Hi Margie:
The text sounds great and ENSC approves the addendum and supports your proposed undergraduate program in sustainability. Thanks very much!
Jim
BS Approval John Cook
Marguerite Waller

Sent: Thursday, April 02, 2015 11:15 AM
To: Chikako Takeshita; Juliann E Allison; Jade S Sasser

Begin forwarded message:

From: John J Cook <john.cook@ucr.edu>
Subject: Support for GSST BS in Sustainability Studies
Date: March 18, 2015 at 6:32:54 AM PDT
To: Marguerite Waller <marguerite.waller@ucr.edu>

Dear Professor Waller,

Please accept this email as confirmation of my, Dr. John J. Cook, willingness to act as an advisor to the GSST BS in Sustainability Studies. This new degree will set UCR apart in the field of Sustainability Studies.

Kind regards,

John J. Cook

Sent from my iPad
John J Cook, PhD, MBA, LEED AP BD+C
Director of Sustainability
Office of Sustainability
1223 University Avenue, Suite 240
Riverside, CA 92507
951.827.1270 | john.cook@ucr.edu
www.sustainability.ucr.edu | skype ucr.sustainability
April 14, 2015

To: Members of CEP

From: Marguerite Waller, Chair, GSST

RE: Conversations between GSST and ENSC concerning BS proposal

Ken Baerenklau has asked me to prepare the following summary of interactions between Gender and Sexuality Studies and Environmental Sciences.

As part of submitting a new BS proposal in Sustainability Studies, we were asked to secure approvals from the chairs of departments that were included in our Major Requirements.

In response to our request for approval from ENSC, Jim Sickman responded with particular interest since his department is in the process of creating a sustainability track with the Environmental Sciences major. He noted in an email on March 17 that he saw no problem with students in our program taking ENCS 001 and ENSC 002, most of whose enrollments are drawn from CHASS already. With regard to the upper division ENSC 101 and 102 courses, he shared his concern that additional TA support might be needed for 101, which involves a lab, and that students might not have the necessary prerequisites for 101 and 102.

He also wanted time to discuss the proposal with the other ENSC faculty before deciding whether to support the GSST program.

In my response, I assured him that the number of students enrolling in the upper division courses was likely to be no more than a very few and that those students would, most likely have enrolled in those courses in any case. I also drew his attention to the statement in our Major Requirements that students must have the necessary prerequisites in order to enroll in any of the courses listed.

After Jim had a chance to consult with the ENSC faculty, he wrote back on April 2. Their concerns, he relayed, were two. First would the ENSC program and the GSST program overlap, and if so would the approval of our program make the approval of their program more difficult. Second, they had questions about the extent of the foundation in natural sciences that our students would be getting. We had, meanwhile, sent a document to Jim and two other CNAS faculty members giving a detailed description of the other BS degrees offered in CHASS and explaining the conceptual differences between a CNAS BS and a CHASS BS.

He summarized their deliberations as follows: “ENSC is prepared to approve the proposal if some text is added explaining the relationship between the two sustainability programs and if GSST will extend support to the Environmental..."
Sustainability Option next year when it goes up for approval.” He also concluded that the amount and kind of science included in our proposal was not an issue, given our explanations in the proposal and in our follow-up email.

We enthusiastically agreed to both the stipulations made by ENSC, which we feel make our proposal stronger and which lay the groundwork for a very productive interaction between our two programs.

The language we agreed upon, which has been inserted in the proposal, reads as follows: “This program will have minimal overlap but great complementarity with the Environmental Sustainability Option being developed within the Environmental Sciences Undergraduate Major. The Environmental Sciences Department program will emphasize technology and environmental management solutions and focus primarily on the sustainable use of water, air, soil, and ecosystems, while the GSST BS will emphasize an interdisciplinary, intersectional approach in its focus on the political, social, and epistemological ramifications of working toward sustainability.”

We fully support the submission of their program next year.

The culmination of this interaction was an email from Jim Sickman, dated April 5, in which he says, “The text sounds great and ENSC approves the addendum and supports your proposed undergraduate program in sustainability. Thanks very much!”

I hope you find this summary helpful. Please let me know if you would like any further information or documentation.