



UNIVERSITY of WASHINGTON

Michael K. Young  
President

February 14, 2014

Vice Chancellor J.W. Harrington  
University of Washington, Tacoma  
Box 358430

Dear J.W.:

Based upon the recommendations of the Faculty Council on Academic Policy, the Faculty Assembly has recommended approval of a minor in Sustainability. A copy of the approval is attached.

I am writing to inform you that the Office of Academic Affairs is authorized to specify these requirements beginning spring quarter 2014.

The new requirements should be incorporated in printed statements and in individual department websites as soon as possible. The *General Catalog* website will be updated accordingly by the Registrar's Office.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Michael K. Young".

Michael K. Young  
President

Enclosure

cc: Dr. Bonnie Becker (with enclosure)  
Mr. Robert Corbett (with enclosure)  
Ms. Virjean Edwards (with enclosure)



UNIVERSITY OF WASHINGTON

CREATING AND CHANGING UNDERGRADUATE  
ACADEMIC PROGRAMS

8/28/13  
OFFICE USE ONLY  
Control #  
TJAS-2013 0730

After college/school/campus review, send a signed original and 1 copy to the Curriculum Office/FCAS, Box 355850.  
For information about when and how to use this form: <http://depts.washington.edu/uwcr/1503instructions.pdf>

<b>College/Campus</b>	UW Tacoma	<b>Department/Unit</b>	Interdisciplinary Arts & Sciences	<b>Date</b>	7/30/13
<b>New Programs</b>					
<input type="checkbox"/> Leading to a Bachelor of _____ in _____ degree.					
<input type="checkbox"/> Leading to a Bachelor of _____ degree with a major in _____.					
<input type="checkbox"/> Leading to a _____ Option within the existing major in _____.					
<input checked="" type="checkbox"/> Leading to a minor in <u>Sustainability</u>					
<b>Changes to Existing Programs</b>					
<input type="checkbox"/> New Admission Requirements for the Major in _____ within the Bachelor of _____.					
<input type="checkbox"/> Revised Admission Requirements for the Major in _____ within the Bachelor of _____.					
<input type="checkbox"/> Revised Program Requirements for the Major in _____ within the Bachelor of _____.					
<input type="checkbox"/> Revised Requirements for the Option in _____ within the major in _____.					
<input type="checkbox"/> Revised Requirements for the Minor in _____.					
<b>Other Changes</b>					
<input type="checkbox"/> Change name of program from _____ to _____.					
<input type="checkbox"/> New or Revised Continuation Policy for _____.					
<input type="checkbox"/> Eliminate program in _____.					
Proposed Effective Date: <b>Quarter:</b> <input type="checkbox"/> Autumn <input type="checkbox"/> Winter <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Summer <b>Year: 20 14</b>					

Contact Person: Bonnie Becker/Lia Wetzstein	Phone: 253-692-4546	Email: <a href="mailto:bjbecker@uw.edu">bjbecker@uw.edu</a>	Box: 358436
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**EXPLANATION OF AND RATIONALE FOR PROPOSED CHANGE**

For new program, please include any relevant supporting documentation such as student learning outcomes, projected enrollments, letters of support and departmental handouts. (Use additional pages if necessary).

This will be the first trans-disciplinary minor on UWT campus, as sustainability requires an understanding of issues from social, environmental, and economic perspectives. Leaders of industry and today's students believe sustainability will be an important part of our future. This minor will provide students the skills and knowledge to be sustainability practitioners and leaders.

A recent article by University of Washington's Provost Ana Mari Cauce discusses how students want to make a difference and become sustainability practitioners ([http://www.huffingtonpost.com/ana-mari-cauce/the-millennials-new-plane\\_b\\_3149502.html](http://www.huffingtonpost.com/ana-mari-cauce/the-millennials-new-plane_b_3149502.html)). Sally Jewell, former CEO of REI and University of Washington Regent, and current Secretary of Interior said to a UW Sustainability Curriculum committee, that 'employers will pay attention to minors in sustainability'. She argued that businesses will be looking for employees not only with sustainability knowledge but also a sustainability ethos. As a business leader and proponent for higher education, she acknowledged both the planet and the business world required the interdisciplinary thinking that sustainability education provides.

Students have also expressed their desire for a foundational knowledge of sustainability along with their specific disciplinary knowledge. A survey of students at UWT found 58% (N=71) said they would be interested in a sustainability minor, and 96% were interested in taking specific sustainability courses.

This sustainability minor will allow students to strengthen their competency in sustainability practice and theory. The minor will provide students a foundation in sustainability that could be applied to a range of majors; such as business, engineering, science, nursing and non-profit management. The minor can also serve to enhance

sustainability literacy at UWT.

There is an existing major that is housed in the Urban Studies program entitled "Sustainable Urban Development" (SUD). Although the two curricula are complementary, they are distinct enough to warrant separate programs. The SUD major focuses on urban development and urban issues, while the minor is a more interdisciplinary look at sustainability more generally. It therefore makes sense that SUD resides in Urban Studies, while this minor resides in IAS, where more than 60% of the courses are housed. We anticipate a lot of interaction between the groups, including a small subset of students who are attracted to the major through the minor. Faculty in SUD were involved in the planning of this minor.

### Student learning outcomes

At the end of this minor, students should be able to:

1. Demonstrate a deep understanding of the local and global challenges to sustainability from economic, environmental and social perspectives.
2. Apply the skills and knowledge to communicate and critically evaluate sustainability issues across disciplines.
3. Link knowledge with action in order to promote sustainability and serve as leaders in their communities.
4. Recognize how social, economic, and environmental equity issues are embedded within sustainability.

### OTHER DEPARTMENTS AFFECTED

List all departments/units/ or co-accredited programs affected by your new program or changes to your existing program and acquire the signature of the chair/director of each department/unit listed. Attach additional page(s) if necessary. \*See online instructions.

Department/Unit: Urban Studies (Sustainable Urban Development)	Chair/Program Director: See attached emails from Brian Coffey and Yonn Dierwechter	Date:
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### CATALOG COPY

Catalog Copy as currently written. Include only sections/paragraphs that would be changed if your request is approved. Please cross out or otherwise highlight any deletions.

N/A

### PROPOSED CATALOG COPY

Reflecting requested changes (Include exact wording as you wish it to be shown in the printed catalog. Please underline or otherwise highlight any additions. If needed, attach a separate, expanded version of the changes that might appear in department publications).  
**Please note:** all copy will be edited to reflect uniform style in the General Catalog.

**UWT Minor in Sustainability – (32-35 credits) At least 10 credits are required to be upper division.**

**Sustainability Foundation Course (15 credits)**

TSUD 222 Introduction to Sustainability (5)

TESC 201 The Science of Environmental Sustainability (5)

TEST 295 Valuing Ecosystems Services and Natural Capital (5)

**Select 15 credits from the following areas-Programs will advise students where to focus within the 3 areas, to compliment major. Capstone projects are required.**

**(1) Policy, Society, and Economics**

TSUD 240 The City and Nature (5)

TSUD 323 Sustainable Urban Development Policies (5)

TSUD 333 Assessment and Evaluation of Urban Sustainability (5)

TSUD 445 Urban Ecology (5)

TSUD 475 Community and Economy (5)

TCOM 310 Contemporary Environmental Issues & The Media (5)

T MGMT 420 Managing Corporate Responsibility (5)

THIST 315 Industrialization and Reform (5)

TPOLS 438 Environmental Law (5)

TPOLS 439 Washington Environmental Law (5)

TPOLS 465 Law and Public Policy (5)

TSOC 265 Race and Ethnicity in the United States (5)

TEST 332 A Natural History of Garbage (5)

TEST 335 Environmental Impact Analysis (5)

TECON 394 Comparative Economic Development (5)

TECON 421 Environmental Policy (5)

THLTH 372 Environmental Health: Local to Global (5)

**(2) Science, Environmental Issues, and Environmental Thought**

TESC 232 Issues in Biological Conservation (5)

TESC 236 Sustainable Agriculture (5)

TESC 239 Energy and the Environment (5)

TESC 345 Pollution and Public Policy (5)

TESC 341 Climate Change (5)

TESC 402 History and Ecology of Biological Invasions (5)

TESC 319 Water Quality Concepts and Watershed Studies (6)

TESC 431 Water Resources and Pollutions (7)

TPHIL 456 Environmental Ethics (5)

T INST 401 Technology in the Service of Society: A Seminar in the Integration of Technology and Social Interests (5)

**(3) Social Justice and Global Perspectives in Sustainability**

THLTH 410 Environmental Equity (5)

THLTH 485 Critical Issues in Global Health (5)

TECON 320 Gender and Development (5)

TECON 328 Third World Problems and Prospects (5)

TECON 360 Poverty in Developing Countries (5)

TSOC 335 Social Class and Inequity (5)

T SOC 435 Migration in the Modern World: Migrants, Immigrants, and Refugees (5)


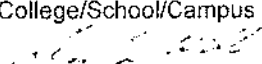
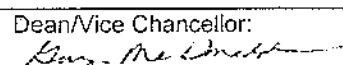
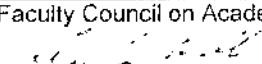

T SOC 456 Rural Societies and Development (5)

TESC 303 Sustainable Development in Africa (12)

TESC 304 Tropical Ecology and Sustainability (5)  
 TESC 404 Neotropical Field Studies: Ecology and Community (12)  
 TSUD 425 Social Justice and Urban Sustainability (3)  
 T URB 340 Urban Social Change (5)  
 T URB 379 Urban Field Experiences (5-15 credits)  
 T URB 410 Environmental Equity Offered: jointly with T HLTH 410. (5)  
 TGH 399/TURB 399 Global Honors- International Urban Studies- (3-15, max. 15)

### Capstone Course Options

TMGMT 465 Board Governance I (2)  
 TMGMT 466 Board Governance II (5)  
 TSUD 475 Community and Economy (5)  
 TESC 301 Sustainability in Action (3)  
 TNPRFT 457 Nonprofit Capstone (5)  
 \*Capstone project during Study Abroad course

APPROVALS	
Chair/Program Director: 	Date: 12/18/2013
College/School/Campus Curriculum Committee:  Douglas Wills	Date: 12/18/2013
Dean/Vice Chancellor:  Ginger MacDonald	Date: 12/18/2013
Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair:  Douglas Wills	Date: 12/18/2013
POST-TRI-CAMPUS APPROVAL (when needed)	
Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair: 	Date: 01/09/14



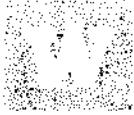
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#### APPROVALS

Chair/Program Director: <i>William M. Kof</i>	Date: 7/30/13
College/School/Campus Curriculum Committee: <i>William M. Kof</i>	Date: 8/6/2013
Dean/Vice Chancellor: <i>Greg McDaniel</i>	Date: 8/15/2013
Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair: <i>William M. Kof</i>	Date: 8/6/2013
<b>POST TRI-CAMPUS APPROVAL (when needed)</b>	
Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair:	Date:



Bonnie J Becker <bjbecker@uw.edu>

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**minor in sustainability (fwd)**

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Lia Wetzstein <lwetzs@u.washington.edu>  
To: Bonnie J Becker <bjbecker@u.washington.edu>

Wed, Jul 10, 2013 at 3:11 PM

Bonnie,

I thought I had forwarded this to you already.

Lia

----- Forwarded message -----

Date: Fri, 7 Jun 2013 10:20:40 -0700 (PDT)  
From: Brian Coffey <bcoffey@u.washington.edu>  
To: LIA WETZSTEIN <lwetzs@u.washington.edu>  
Cc: Nita McKinley <nmmckin@u.washington.edu>  
Subject: minor in sustainability

Hi Lia,

This email is to follow up on our conversation earlier today re the minor in sustainability which has been proposed by Env Sci. The Urban Studies faculty discussed the proposal at our meeting of May 31. We support the minor and have no problem with it being housed in Environmental Sciences.

We look forward to contributing to the minor once it is approved.

Regards,

Brian

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Brian Coffey  
Professor & Director/Urban Studies  
University of Washington Tacoma  
1900 Commerce St.  
Tacoma, WA 98402  
(253)692-5882

Hi Lia,

Thanks for your note. Thanks too for your recent leadership on conceiving and developing the sustainability minor. I am glad to see this progress. As you know, I feel that such a minor would represent a positive development for multiple majors and programs across campus, including the Sustainable Urban Development major within Urban Studies. Sustainability is perhaps the penultimate interdisciplinary problem -- and the more we can get our students in all majors to engage its many dimensions the more hope I have for the future. I strongly support this minor, and encourage others to do so as well.

YONN DIERWECHTER  
Associate Professor

(I developed and currently teach TSUD222 'Intro to Sustainability' and TSUD 444 'Green internationalism and the city')



**Undergraduate Curriculum Review Process for New Programs**[Board](#) [Manage](#) [Participants](#) [Profile \(uwcr\)](#)

## Tacoma: Minor in Sustainability (TSUD-20130730)

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**uwcr**  
uwcr


Posted Sep 25, 2013 12:39 PM

Board owner

Please review the attached 1503 pdf requesting to establish a minor in Sustainability at the Tacoma campus and post comments by 5:00 pm on Thursday, October 17th.

If you have any problems viewing the attachment or need disability accommodations, please contact the University Curriculum Office at uwcr@uw.edu.

Attachments:

 TSUD-20130730.pdf 4.5M  
[Download](#) [View](#)**bare**  
B BRUCE BARE

Posted Sep 26, 2013 1:53 PM

I complement UWT for proposing this minor and I suspect it will be a well subscribed program. While the curriculum is structured to provide an interdisciplinary exposure to environment, society and economics, I feel that the latter topic is not given adequate coverage. It would be a much stronger program if additional course offerings were offered in environmental, ecological, or natural resources economics.

**d6423**  
DONALD J.  
JANSSEN

Posted Sep 27, 2013 7:41 AM

This minor could be completed with as few as two credits above the 200-level.  
I suggest a requirement be added that at least 10 credits be upper-division (300-400 level).

Don Janssen

Don.Janssen

Undergraduate Curriculum Review Process for New... &gt; Tacoma: Minor in Sustainability (TSUD-20130730)

Questions or comments?  
Contact us or email [catalysthelp@uw.edu](mailto:catalysthelp@uw.edu)



ENVIRONMENTAL PROGRAM  
UNIVERSITY of WASHINGTON | TACOMA

November 14, 2013

Academic Policy and Curriculum Committee,

In this letter we would like to address the suggestions expressed during the tri-campus review of our Sustainability minor.

1) Bruce Bare suggested it would be a much stronger program if additional course offerings were offered in environmental, ecological or natural resources economics.

We feel the core sequence, accompanying course work and capstone experience provides a rigorous grounding in sustainability concepts that justifies the acceptance of the minor. That said we would be excited to add the suggested courses to the minor, but do not have the ability to offer the courses on this campus at this time. If that changes and faculty with the expertise to create and teach these courses are hired, we would ask to add any of the suggested courses to the minor.

2) Donald Janssen suggested a requirement that at least 10 credits be upper division.

The majority of classes, beyond the core courses, are upper division as are the capstone courses. We have incorporated the suggestion and added the requirements of 10 credits of upper division courses to the minor.

Please let us know if you have any other questions.

Sincerely,

Lia Wetzstein, Ph.D.

Cc: Erica Cline Ph. D.  
Bonnie Becker Ph. D.

## UNIVERSITY CAMPUSES UNDERGRADUATE PROGRAM REVIEW PROCEDURES\*\*

### CHECKLIST

Title of Proposal: Minor in Sustainability (TIAS-20130730)

Proposed by (unit name): Interdisciplinary Arts and Sciences

Originating Campus:

☐ UW, Seattle

☐ UW, Bothell

☒ UW, Tacoma

**I. Phase I. Developed Proposal Review** (to be completed by Originating Campus' Academic Program Review body)

A. Review Completed by: (list name of program review body)

Chaired by:

08/06/13\_\_ Date proposal received by originating campus's review body

08/28/13 Date proposal sent to University Registrar

09/25/13 Date proposal posted & email sent to standard notification list

01/09/14 Date of originating campus's curriculum body approval

(Note: this date must be 15 business days or more following date of posting)

B.   2   Number of comments received. Attach the comments and a summary of the consideration and responses thereof : (1-2 paragraphs)

**II. Phase II. Final Proposal Review** (to be completed by FCTCP)

A. Review Completed by:

☒ FCTCP subcommittee

☐ FCTCP full council

Chaired by: William Erdly

1/16/14 Date request for review received from University Registrar

2/6/14 Date of FCTCP report

B. Review (attached)

YES NO

☒ ☐ Was notice of proposal posted on UW Website for 15 business days?

☒ ☐ Was notice of proposal sent to standard mailing list 15 business days in advance of academic program review?

☒ ☐ Were comments received by academic program review body?

☒ ☐ Was response to comments appropriate? (explain, if necessary)

☒ ☐ Was final proposal reviewed by FCTCP within 14 business days of receipt?

☒ ☐ Was there adherence to the University Campuses Undergraduate Program Review Process? (explain, if necessary)

#### C. Recommendation

☒ ☐ Forward for final approval

☐ ☐ Forward to Provost because of University issues (Explain)

☐ ☐ Return to campus council because of insufficient review (Explain).

\*\*Endorsed by Faculty Senate Executive Committee, 1/10/05, modified 1/31/06; These procedures apply to new undergraduate degrees, majors, minors (and certificates) and substantive changes to same