New Degree Program Proposal
Architectural Engineering

Status: Pending Review - Faculty Senate (Previous Version)

Hide All Reviews

1. Review - College Approver - Engineering

Sent Back by Frank Chaplen Associate Professor / Biol & Ecol Engineering, *February 25, 2017 6:45am*

Comments

Frank Chaplen (College Approver - Engineering) February 25, 2017 6:45am
Comments on Cat I Proposal for BS Program in Architectural Engineering
1) Need liaisons to Shane Brown and Janice Nave-Abele in CCE.
2) The executive summary (ES) mentions a recent survey of Portland "residents" identifying architectural engineering (AE) as a course of study in great demand. Some documentation or more detailed reference/explanation should be provided.
3) The need for AEs by engineering firms and architectural firms in Portland should also be quantified/documented in the ES and proposal.
4) The approximate number of AE's in Portland currently should be given in the ES and proposal.
5) Mt Hood CC's technology program is mentioned in the ES and proposal a number of times, but no support letter is provided or description of how students would transition.
6) In the executive summary the statement is made that the AE program is intended to attract students not currently enrolled in engineering. This should be explained more fully.
7) In the ES, it states that AE has been known to attract greater percentages of female and under-represented (UR) students than many other engineering disciplines. However, the table in the proposal from Penn State shows AE to be the lowest in UR %.
8) Cooperation with the U of O Architecture program is mentioned a number of times in the proposal, but no letter from them is provided or any discussion of the details of this cooperation. There does not seem to be any U of O faculty involvement in the AE program.
9) A CECOP internship program is stated to be available for AE students, but no potential employers are identified.
10) The proposal states that "it would be the goal of the COE and CCE to continue to encourage participation in under-represented groups." No specifics are given on how this would be done, except for women.
11) The anticipated start date of September 15, 2017 is not feasible. Academic Programs Assessment & Accreditation may be able to give a better estimate.
12) It is stated in the proposal that OSU's AE program would be THE program for engineering of sustainable wood-frame buildings, but there is only one required course in wood and one elective. There are other courses in the Wood Science and Engineering Department that may be considered for electives.
13) The section on "Ways in which the program will seek to assure quality, access and diversity" should include discussion of ABET accreditation and its impact on quality.
14) The section on Accreditation talks about OSBEELS and the fact that Oregon does not offer the exam for the PE-Architectural, but that an engineer who passed the exam in another state would be considered for licensure in Oregon as a PE especially qualified in Building Systems. This step is critical in having graduates practice in the state of Oregon. Oregon does already have the option to license engineers in Building Systems – this should be made clearer. Has OSBEELS been approached on the possibility of having the exam offered in Oregon once the program is established? In looking on their "Find a Licensee" site, there is no tab for Building Systems, so I was not able to search for that group of engineers. OSBEELS should be asked for the number of those engineers licensed in Oregon. This number should be included in the proposal.
15) The role of the capstone course in outcomes assessment needs to be explained in more detail.
16) The table listing the involvement of faculty in the program should include the specific courses taught by each faculty member that relate to the AE program. It should also show the teaching roles of the proposed new AE faculty hires. Currently it seems to be a list of the entire CCE School and includes a faculty member who will be retired (Sillars). There are faculty listed who would not be teaching courses in the AE program.
17) Per OSU Curriculum Council procedures, Cat II proposals for a significant number of the new courses need to be in the Curriculum Proposal System (and past the draft stage) before the Council will approve the Cat I proposal for the new degree program. The Cat I should include a proposed schedule for submission of any of the remaining Cat I proposals.
18) There needs to be an assessment plan in the standard OSU format.

2. Originator Response

Judy Liu Professor / Sch of Civil/Constr Engr, *May 29, 2017 12:29pm*

Comments

Judy Liu May 29, 2017 12:29pm
Thank you for the helpful comments. A summary of how comments have been addressed is provided in the file titled, "Conversation about AE Cat I Proposal.pdf ".

3. Review - College Approver - Engineering

Approved by Frank Chaplen Associate Professor / Biol & Ecol Engineering, *May 30, 2017 12:43pm*

Comments

Frank Chaplen (College Approver - Engineering) May 30, 2017 12:43pm
Thank you

4. Review - Curriculum Coordinator

Approved by Gary Beach Coord- Senior Curriculum / Acad Prgms/Assess/Accred, *February 7, 2018 11:01am*

Comments

Gary Beach (Curriculum Coordinator) February 7, 2018 11:01am
This new undergraduate degree proposal is ready for concurrent review by the Faculty Senate Budgets and Fiscal Planning Committee and the Faculty Senate Curriculum Council. The proposal is being "pushed" past the Graduate School to the Budgets and Fiscal Planning Committee.

--Gary, APA

5. Review - Graduate School

Approved by Gary Beach Coord- Senior Curriculum / Acad Prgms/Assess/Accred, *February 7, 2018 11:05am*

Comments

Gary Beach (Graduate School) February 7, 2018 11:05am
This new undergraduate degree proposal is ready for concurrent review by the Faculty Senate Budgets and Fiscal Planning Committee and the Faculty Senate Curriculum Council. The proposal is being "pushed" past the Graduate School to the Budgets and Fiscal Planning Committee.

Note -- Two documents are missing: (1) a review of the Undergraduate Assessment (SLO) information; and (2) Space Evaluation Report. These two documents will be posted to the proposal as they become available.

--Gary, APA

6. Review - Budgets and Fiscal Planning Committee

Sent Back by Gary Beach Coord- Senior Curriculum / Acad Prgms/Assess/Accred, *February 14, 2018 3:44pm*

Comments

Gary Beach (Budgets and Fiscal Planning Committee) February 14, 2018 3:44pm
The proposal is being sent back to the originator for the purpose of posting the Assessment Plan review by the Office of Academic Programs and Assessment.

--Gary

7. Originator Response

Judy Liu Professor / Sch of Civil/Constr Engr, *February 14, 2018 5:20pm*

8. Review - Budgets and Fiscal Planning Committee

Sent Back by Katharine Hunter-Zaworski Dir-Nat Ctr Access Tran / Sch of Civil/Constr Engr, *February 15, 2018 10:57am*

Comments

Katharine Hunter-Zaworski (Budgets and Fiscal Planning Committee) February 15, 2018 10:57am
In the Budget narrative there is a Supplies and services of $95,000 but it does not show up in the tabular data..Can you please update the Tables. Please add all the recent documentation as well.

9. Originator Response

Judy Liu Professor / Sch of Civil/Constr Engr, *February 15, 2018 8:36pm*

10. Review - Budgets and Fiscal Planning Committee

Approved by Katharine Hunter-Zaworski Dir-Nat Ctr Access Tran / Sch of Civil/Constr Engr, *February 20, 2018 8:23am*

Comments

Katharine Hunter-Zaworski (Budgets and Fiscal Planning Committee) February 20, 2018 8:23am
The Budget and Fiscal Planning Committee voted with 5 agreement and one abstention due to a conflict of interest.

11. Review - Graduate Council Chair

Approved by Ryan Contreras Assistant Professor / Horticulture, *February 24, 2018 8:02am*

Comments

Ryan Contreras (Graduate Council Chair) February 24, 2018 8:02am
Not grad proposal - moving along.

12. Review - Curriculum Council Chair

Sent Back by Gary Beach Coord- Senior Curriculum / Acad Prgms/Assess/Accred, *March 2, 2018 2:09pm*

Comments

Gary Beach (Curriculum Council Chair) March 2, 2018 2:09pm
Based on an initial review by the Curriculum Council, the proposal is being sent back to the originator so that a revision can be made to the proposal and a document can be posted to the proposal.

--Gary, APA

13. Originator Response

Judy Liu Professor / Sch of Civil/Constr Engr, *March 2, 2018 3:39pm*

Comments

Judy Liu March 2, 2018 3:39pm
Proposal figures, tables and text revised on 3/2/18 to the correct number of credit hours (180). Also, in response to request from the Curriculum Council, all CVs for the faculty listed in the table have now been uploaded in one compiled PDF.

14. Review - Curriculum Council Chair

Approved by Allen Thompson Associate Professor / Philosophy Department, *March 8, 2018 11:26am*

15. Review - Faculty Senate Exec Committee

Sent Back by Gary Beach Coord- Senior Curriculum / Acad Prgms/Assess/Accred, *March 9, 2018 3:15pm*

Comments

Gary Beach (Faculty Senate Exec Committee) March 9, 2018 3:15pm
The proposal is being sent back to the originator for the purpose of posting the space/facilities review document.

--Gary, APA

16. Originator Response

Judy Liu Professor / Sch of Civil/Constr Engr, *March 9, 2018 3:21pm*

Comments

Judy Liu March 9, 2018 3:21pm
Thank you. The space/facilities review document has now been uploaded under "Other Attachments".

17. Review - Faculty Senate Exec Committee

Approved by Vickie Nunnemaker Special Asst to Faculty Senate / Faculty Senate, *March 19, 2018 4:40pm*

Comments

Vickie Nunnemaker (Faculty Senate Exec Committee) March 19, 2018 4:40pm
The Faculty Senate Executive Committee approved this proposal on March 14, 2018. This proposal will be considered by the Faculty Senate on April 12, 2018.

18. Review - Faculty Senate

Pending Review

More Queued Reviews (3)

Provost /Academic Affairs; Academic Programs; Catalog Coordinator

Proposal

Proposal ID:99017
Type:New Degree Program
Submission Date:March 9, 2018 3:21pm
Comments:
Thank you for the helpful comments. A summary of how comments have been addressed is provided in the file titled, "Conversation about AE Cat I Proposal.pdf ".

History

Active Version - Submitted March 9, 2018 3:21pm
Version 5 - Submitted March 2, 2018 3:39pm
Version 4 - Submitted February 15, 2018 8:36pm
Version 3 - Submitted February 14, 2018 5:20pm
Version 2 - Submitted May 29, 2017 12:29pm
Version 1 - Submitted February 3, 2017 12:38pm

Originators

NAME	TITLE	DEPARTMENT/SCHOOL
Judy Liu	Professor	Sch of Civil/Constr Engr

Contacts

NAME	TITLE	DEPARTMENT/SCHOOL
William Weiss	Administrator 1-School Head	Sch of Civil/Constr Engr

Proposal Details

College:College of Engineering
Department/School:School of Civil and Construction Engineering
Program Type:Undergraduate Major
New Degree Name:Architectural Engineering

Supporting Documents

DOCUMENTS
*** Signed Transmittal Sheet**
AE CatI Transmittal signed.pdf (27.38 Kb added Mar 09, 2018 3:15 pm)
*** Executive Summary**
042517-AE-Executive Summary.pdf (15.84 Kb added Mar 09, 2018 3:15 pm)
*** Proposal**
OSU AE Cat I 030218.pdf (1.13 MB added Mar 09, 2018 3:15 pm) Figures, tables and text revised on 3/2/18 to the correct number of credit hours (180).
*** Letters of Support**
Brian Rock OSU-BSAE-Rock-02DEC2016.pdf (2.11 MB added Mar 09, 2018 3:15 pm)
Moses Ling OSU AE letter 20161223.pdf (211.17 Kb added Mar 09, 2018 3:15 pm)
Industrial Advisory Board IAB_letter_signed.pdf (1006.79 Kb added Mar 09, 2018 3:15 pm)

Mike Brayson Mt. Hood Community College Brayson RE_ ArchEng.pdf (80.21 Kb added Mar 09, 2018 3:15 pm)

Judith Sheine, U. of Oregon OSU-AE letter.pdf (237.94 Kb added Mar 09, 2018 3:15 pm)
Head of the Architecture Department University of Oregon School of Architecture and Allied Arts

*** Accessibility Form**

AE access signed.pdf (171.89 Kb added Mar 09, 2018 3:15 pm)

*** Library Evaluation**

LibraryAssessmentArchEng2016SIGNED.pdf (611.22 Kb added Mar 09, 2018 3:15 pm)

*** Faculty CVs**

AE_Cat_I_Faculty_v3.pdf (93.46 Kb added Mar 09, 2018 3:15 pm)

Other Attachments

AEcommittee_support.pdf (43.00 Kb added Mar 09, 2018 3:15 pm)
This letter of support documents the process by which the proposed program was developed and approved by the faculty in Civil & Construction Engineering. It is in "Other Attachments" because it is not external to OSU (Letters of Support) and does not qualify as a response from a Liaison.

Ashford_letter.pdf (155.87 Kb added Mar 09, 2018 3:15 pm)
Letter from Dean Ashford. Again, this document did not quite fit in "Letters of Support" external to OSU or the "Liaison" category.

AE_Momsen_Mar24.pdf (273.40 Kb added Mar 09, 2018 3:15 pm)
E-mail correspondence with Ellen Momsen, Director of Women & Minorities in Engineering

OSBEELS.pdf (281.58 Kb added Mar 09, 2018 3:15 pm)
Correspondence with Oregon State Board of Examiners for Engineering and Land Surveying (OSBEELS)

CellarRidge_emailApr27.pdf (78.61 Kb added Mar 09, 2018 3:15 pm)
Correspondence with John Mead, founder of Cellar Ridge Construction, about the green building industry and the proposed Architectural Engineering program.

Conversation about AE Cat I Proposal.pdf (1.31 MB added Mar 09, 2018 3:15 pm)
E-mail with Tom Miller summarizing how review comments have been addressed.

ZunigaOSBEELS_May10.pdf (280.26 Kb added Mar 09, 2018 3:15 pm)
E-mail commenting on need for this program, from Oscar Zuniga, MSc, P.E., Mechanical, Electrical, & Fire Protection Principal and OSBEELS Board Member.

ARE_Assessment_Plan.pdf (104.65 Kb added Mar 09, 2018 3:15 pm)
Assessment Plan in OSU format

Outcomes and Quality Assessment.docx (11.62 Kb added Mar 09, 2018 3:15 pm)
Review by Office of Academic Programs and Assessment

ARE Faculty - CVs.pdf (2.42 MB added Mar 09, 2018 3:15 pm)
CVs for the Architectural Engineering Faculty now included as requested (3/2/18).

Space Management Cat 1 Proposal - BS ARE.pdf (113.03 Kb added Mar 09, 2018 3:19 pm)
Space Evaluation

LIAISONS

*** Liaisons**

Laurence Schimleck
Request: Schimleck AEliaison.pdf (14.86 Kb added Mar 09, 2018 3:15 pm)
Response: WSE-AE Cat I Hansen Apr24.pdf (27.74 Kb added Mar 09, 2018 3:15 pm)
The response is from the new Interim Head of Wood Science and Engineering, Dr. Eric Hansen; revised in April to include information about TallWood collaboration with U. of Oregon.

Shane Brown
Request: AE liaison Brown Nave-Abele.pdf (53.90 Kb added Mar 09, 2018 3:15 pm)
Response: AE Brown Response.pdf (259.97 Kb added Mar 09, 2018 3:15 pm)

Janice Nave-Abele
Request: *None*
Response: AE Nave-Abele Response.pdf (249.69 Kb added Mar 09, 2018 3:15 pm)
Request with same e-mail to Shane Brown

Claire Montgomery
Request: Montomery Liaison.pdf (89.29 Kb added Mar 09, 2018 3:15 pm)
Response: Montgomery RE_ Cat I.pdf (88.70 Kb added Mar 09, 2018 3:15 pm)

Lee Ann Garrison
Request: AE Liason Garrison.pdf (224.28 Kb added Mar 09, 2018 3:15 pm)
Response: AE Garrison response.pdf (58.88 Kb added Mar 09, 2018 3:15 pm)
Director, School of Arts & Communication (ART 210 History of Western Architecture)

BUDGET INFORMATION

*** Budget Year 1**

ARE_budget_Feb15.pdf (152.73 Kb added Mar 09, 2018 3:15 pm)
Recurring, one-time, and summary costs

*** Budget Year 2**

AE-BudgetNarrative_Feb15.pdf (15.74 Kb added Mar 09, 2018 3:15 pm)
ARE Budget Narrative

*** Budget Year 3**

BudgetMemo_v2.pdf (104.96 Kb added Mar 09, 2018 3:15 pm)
Memo from W. Jason Weiss in response to questions from the Budget and Fiscal Planning Committee

*** Budget Year 4**

(added Mar 09, 2018 3:15 pm)
See files above.