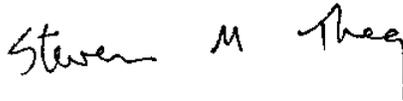


February 14, 2014

To: Bruno Nachtergaele, Chair  
Academic Senate, Davis Division

From: Steven M. Theg, Chair  
CBS Executive Committee

Handwritten signature of Steven M. Theg in black ink.

Re: Approval of a name change for the Genetics major, housed in the College of Biological Sciences

The College of Biological Sciences Executive Committee approved a request to change the name of the Genetics major offered within the Department of Molecular & Cellular Biology to “Genetics and Genomics” at a recent meeting on January 27, 2014. The request was approved by a vote of 8 yes and 0 no, with no abstentions. The field of genetics has expanded rapidly in the last decade and now includes a focus on genome- scale information and technology, including bioinformatics, which has become an essential part of the foundation knowledge that students in this major need to master. Over the last several years, new coursework in this area has been added to the Genetics major to provide enhanced training options in these areas for the students. The proposed change aligns the name of the major with the updated content and better represents the focus of the major to prospective students.

We would like to request approval of the name change by the Academic Senate. We would appreciate expeditious routing of the request for approval, in order to allow us to use the new name on catalog materials and information for recruitment of new students. Thank you for your consideration.

November 19, 2013

To: Steven Theg, Chair  
CBS Faculty Executive Committee

From: Jeanette Natzle, Chair  
CBS CUCEP



Re: Item for discussion at next Executive Committee Meeting  
Proposed change in name of Genetics major

At our recent CUCEP meeting on November 14, 2013, the committee discussed a proposal to change the name of the Genetics major to "Genetics and Genomics". The focus of the major was recently broadened to include additional coursework options in genomics and bioinformatics. The name change was requested in order to better reflect the new content added to the major and to inform students of the shift in focus. Prior to coming to CUCEP, the proposal was approved by all members of the Genetics Major Advisory Committee: Dave Begun (EVE), John Harada (PLB), Scott Dawson (MIC), and Fred Chedin (MCB).

CUCEP voted to approve the requested name change. I have attached the original information submitted with the request, including a current description of the major requirements.

If the Executive Committee votes in favor of the name change, please forward the approval record and the request to the Academic Senate for their consideration.



DEPARTMENT OF MOLECULAR AND CELLULAR BIOLOGY  
COLLEGE OF BIOLOGICAL SCIENCES  
TELEPHONE: (530) 752-3611  
FAX: (530) 752-3085

ONE SHIELDS AVENUE  
DAVIS, CALIFORNIA 95616-8654

Jeanette Natzle, Chair, CUCEP  
Steve Theg, Chair, Executive Committee

October 24, 2013

Dear Jeanette and Steve,

This is a proposal to change the name of the Genetics Major to "Genetics and Genomics".

Beginning in the 2012-13 academic year, the Genetics major was updated to include additional emphasis in genomics. Three new courses were developed and incorporated into the major: BIS 181, Comparative Genomics, BIS 183, Functional Genomics, and BIS 180L, Genomics Lab. These in combination with MCB 182, Principles of Genomics, and MCB 162, Human Genetics and Genomics, provide a strong core in genomics. I have attached the revised Genetics major template for reference. The name change more accurately reflects the revised major and will also serve as a recruitment tool, as very few genomics program exist across the nation.

The name change was discussed and approved by the Genetics Major Advisory Committee, and Faculty that teach in both the Genetics and Genomics Courses.

Sincerely,

A handwritten signature in cursive script that reads "JoAnne Engebrecht".

JoAnne Engebrecht,  
Vice Chair of Instruction, MCB

## GENETICS

Approved Major Fall 2012

Bachelor of Science Program Requirements:

	<b>UNITS</b>
<b>Preparatory Subject Matter.....</b>	<b>55-65</b>
Biological Sciences 2A-2B-2C .....	14
Chemistry 2A-2B-2C or 2AH-2BH-2CH .....	15
Chemistry 8A-8B or 118A-118B-118C.....	6-12
Mathematics 17A-17B-17C or 21A-21B (21C recommended)..	8-12
Physics 7A-7B-7C .....	12
<b>Depth Subject Matter .....</b>	<b>40-48</b>
Biological Sciences 101, 102 + 103 (or 105), 104.....	10-13
Molecular and Cellular Biology 121, 182.....	6
Evolution and Ecology 100 or Biological Sciences 181...	3-4
Molecular and Cellular Biology 164 or Biological Sciences 183.....	3
Molecular and Cellular Biology 160L or Biological Sciences 180L.....	5
Statistics 100 or 130A-130B .....	4-8
Restricted Electives.....	9
Select at least 9 additional units from the following:	
Biological Sciences 134, 181, 183	
Biotechnology 150	
Engineering: Computer Science 124	
Evolution and Ecology 100, 102, 131, 150, 161, 175	
Microbiology 105, 150, 170	
Molecular and Cellular Biology 150, 162, 163, 164	
Plant Biology 112, 113	
Plant Science 154	
Or upper division courses in genetics or other fields relevant to the student's interest chosen in consultation with the adviser. No more than 4 units of 192, 193, 198, or 199 may be used for credit in this category.	
<b>Total Units for the Major .....</b>	<b>95-113</b>