

<b>Fiscal Unit/Academic Org</b>	Molecular Genetics - D0340
<b>Administering College/Academic Group</b>	Biological Sciences
<b>Co-administering College/Academic Group</b>	
<b>Semester Conversion Designation</b>	Deactivated (i.e., program to be held in abeyance for possible future use, but not to be converted at present time, no new admissions shall be possible until reactivated, include effective date of deactivation)
<b>Rationale</b>	The reduced math requirement associated with the BA degree in Molecular Genetics does not adequately prepare undergraduate majors for the various career paths that our majors pursue upon degree completion.
<b>Current Program/Plan Name</b>	Molecular Genetics
<b>Program/Plan Code Abbreviation</b>	MOLGEN-BA
<b>Current Degree Title</b>	Bachelor of Arts

**Attachments**

- Molecular Genetics BA Deactivation.pdf  
*(Program Proposal. Owner: Shannon, Laurel Jean)*
- Mol Gen BA deactivation cover letter.doc: NMS Division of Arts and Sciences cover letter  
*(Letter from the College to OAA. Owner: Andereck, Claude David)*

**Comments****Workflow Information**

Status	User(s)	Date/Time	Step
Submitted	Shannon, Laurel Jean	05/17/2011 01:23 PM	Submitted for Approval
Approved	Vaessin, Harald Emil Friedrich	05/17/2011 06:52 PM	Unit Approval
Revision Requested	Andereck, Claude David	05/20/2011 11:12 AM	College Approval
Submitted	Shannon, Laurel Jean	05/24/2011 11:55 AM	Submitted for Approval
Approved	Vaessin, Harald Emil Friedrich	05/24/2011 05:06 PM	Unit Approval
Approved	Andereck, Claude David	06/03/2011 02:17 PM	College Approval
Pending Approval	Nolen, Dawn Jenkins, Mary Ellen Bigler Meyers, Catherine Anne Vankeerbergen, Bernadette Chantal Hanlin, Deborah Kay	06/03/2011 02:17 PM	ASCCAO Approval

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June 3, 2011

Larry Krissek  
Chair, Arts and Sciences CCI

Dear Larry:

It is a pleasure to forward to you for consideration by the CCI and the Sciences Subcommittee proposals for the deactivation of the Molecular Genetics BA. It is the opinion of the Department of Molecular Genetics that a major in molecular genetics without calculus is no longer appropriate, and thus since the requirements are otherwise the same, it is appropriate to request deactivation of the BA at this time. There is a plan in place to convert both students still in the program to the BS, as both have completed their second calculus course. There is thus no need for a transition plan other than the one in place for the BS major itself.

If you have any questions, I would be happy to address them.

Sincerely,

A handwritten signature in cursive script, appearing to read "David Andereck", with a long horizontal flourish extending to the right.

David Andereck  
Professor of Physics  
Associate Dean of Natural and Mathematical Sciences, College of Arts and Sciences



Department of Molecular Genetics

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To: Office of Academic Affairs

From: Anita Hopper, Chair, Department of Molecular Genetics

Mark Seeger, Associate Chair, Department of Molecular Genetics

Date: May 23, 2011

Re: Deactivation of the Molecular Genetics BA Major

The Molecular Genetics Department has carefully considered and reviewed all aspects of our undergraduate majors and minor with the upcoming conversion to semesters. These discussions took place within our curriculum committee and at faculty meetings starting in the 2009/2010 academic year and continuing through Autumn Quarter 2010. One outcome of these discussions was the decision to deactivate the BA Molecular Genetics Major. This decision was reflected in a unanimous vote (21-0) of proposed changes to our undergraduate programs at our November 2010 faculty meeting.

The basis for deactivation of the BA Molecular Genetics Major is the opinion of our faculty that a Bachelors degree in Molecular Genetics without completion of calculus is of limited value to our undergraduates. Completion of an undergraduate major in Molecular Genetics requires a rigorous background in biology, math, chemistry and physics. This rigorous background is reflected in the GE requirements required for a BS degree and is required for admission to professional school in the medical fields as well as graduate school in the life sciences. The only difference between the BA and BS requirements for a Molecular Genetics major is the completion of math through calculus (Math 151/152 equivalent). Opportunities for students with a Molecular Genetic Major without completion of calculus are severely limited, thus ultimately decreasing the value of their undergraduate degree. The decisions of our current undergraduate majors reflect this assertion. We currently have greater than 250 undergraduate majors and only two are pursuing a BA in Molecular Genetics. The Molecular Genetics Minor, which does not require a specific math prerequisite, provides an alternative for those students who are unable to successfully complete calculus yet desire documented and extensive studies in molecular genetics.

There are currently only two students who have declared a BA Major in Molecular Genetics. Both students have completed Math 152 and are therefore eligible to earn a BS in Molecular Genetics upon completion of their Molecular Genetics specific coursework, which does not vary between the BA and BS degree. We have contacted both students by email concerning the planned deactivation of the BA Major. One student has replied and indicated that they had intended to earn a BS in Molecular Genetics and that their status as a BA Major was in error. We anticipate that the other declared Molecular Genetics BA Major will also not object to earning a BS in Molecular Genetics. We therefore request that the BA in Molecular Genetics be deactivated immediately upon final approval of this proposal