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June 14, 2011

To: W. Randy Smith, Vice Provost, Office of Academic Affairs
 From: Terry L. Gustafson, Special Assistant to the Executive Dean for Semester Conversion
 Re: Arts and Sciences Program Proposals from the Natural and Mathematical Sciences Division

Arts and Sciences is pleased to submit the following programs from the Natural and Mathematical Sciences Division to the Office of Academic Affairs for conversion from quarters to semesters. The programs have been approved by the faculty members and chair of the originating unit, and reviewed and approved by the divisional advisory panel, a subcommittee of the ASC Committee on Curriculum and Instruction (CCI), and the full CCI. The vote for approval of all programs at the full CCI was unanimous.

Program Name	Academic Plan Code	Conversion Designation	CCI Approval	Last Revision
Chemistry BS	CHEM-BS	Converted	6/10/2011	Prior to 2006
Chemistry BA	CHEM-BA	Converted	6/10/2011	Prior to 2006
Earth Sciences BS	EARTHSC-BS	Re-envisioned	6/10/2011	Prior to 2006
Evolutionary Studies Minor	EVOSTDS-MN	Converted	6/10/2011	Prior to 2006
Molecular Genetics BA	MOLGEN-BA	Deactivated	6/10/2011	Prior to 2006
Plant Cellular and Molecular Biology BA	PCMB-BA	Deactivated	6/10/2011	Prior to 2006

Arts and Sciences General Education (GE) Program: The GE program for untagged B.A. and B.S. degrees in Arts and Sciences was approved by the Council on Academic Affairs on May 26, 2010, after receiving approval from the Arts and Sciences Faculty Senate. All the programs presented here follow the approved GE program.

College of Arts and Sciences Transition Policy: The College of Arts and Sciences is committed to the principles outlined in the university's Pledge to Undergraduate Students. Each unit has a plan on how best to assist its majors and minors through the transition. And the Arts and Sciences Academic Advising Services will advise students on how to transition their GE program. Dual advising is the existing process used in Arts and Sciences and will continue under semesters.

Status: PENDING

PROGRAM REQUEST
Molecular Genetics

Last Updated: Andereck, Claude David
06/03/2011

Fiscal Unit/Academic Org	Molecular Genetics - D0340
Administering College/Academic Group	Biological Sciences
Co-administering College/Academic Group	
Semester Conversion Designation	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)
Rationale	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.
Current Program/Plan Name	Molecular Genetics
Program/Plan Code Abbreviation	MOLGEN-BA
Current Degree Title	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

College of Arts and Sciences

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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,



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

A handwritten signature in blue ink that reads "Anita K. Hopper".

Mark Seeger, Associate Chair, Department of Molecular Genetics

A handwritten signature in black ink that reads "Mark A. Seeger".

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