

General Information Template for Academic Program Review

Degree Area and Level:

Ph.D. in Integrated Biosciences (CIP 26.9999) at NCCU

Addressing UNC Tomorrow:

This proposed program would address several Recommendations within the UNC Tomorrow Report including the components to enhance our Global Readiness (Recommendation 4.1.), Our Citizens and Their Future: Access to Higher Education (Recommendation 4.2), Our Communities and Their Economic Transformation (Recommendation 4.4), and Our University's Outreach and Engagement (Recommendation 4.7).

Role of Program in Relation to State and Regional Needs:

According to the proposal, "The proposed new Ph.D. program is consistent with the mission of NCCU to provide professional development and access to under-represented minorities as well as first generation students. Further, the proposed Ph.D. program is well aligned with the University's Priority Areas (2) Enhancing the Academic Distinction and Distinctiveness of NCCU and (5) Teaching, Learning and Research. The proposed program will address issues of national and global health disparities. And will provide additional professional opportunities for residents of North Carolina and stimulate the state's economic landscape."

US Labor Department Analysis:

- *Summary* – Employment of biological scientists is projected to grow 9 percent over the 2006-16 decade, about as fast as the average for all occupations, as biotechnological research and development continues to drive job growth. The Federal Government funds much basic research and development, including many areas of medical research that relate to biological science. Recent budget increases at the National Institutes of Health have led to large increases in Federal basic research and development expenditures, with research grants growing both in number and dollar amount. Nevertheless, the increase in expenditures has slowed substantially and is not expected to match its past growth over the 2006-16 projection period. This may result in a highly competitive environment for winning and renewing research grants.

Source: http://www.occsupplydemand.org/OSD_UnitOfAnalysis.aspx?CLUSCODE=095A-15&ST=NC&PathNo=1

- *Summary Data* – N/A

Availability of Program Statewide (Enrollment and Degrees Awarded in Last 3 Years):

- *Public universities* – Not available
- *Private universities* – Not available

Available or not from Academic Common Market: Not available

NCCU Campus enrollment and degrees awarded in similar programs at the Doctoral level:

(Based on two CIP digits – 26 CIP is the summary group for Biological and Biomedical Sciences under which Integrated Biosciences is a program.) NCCU does not offer any Doctoral level programs in the 26 CIP category.

Campus Average of enrollment and degrees awarded in this degree area at the Doctoral level:

(Based on two CIP digits – 26 CIP is the summary group for Biological and Biomedical Sciences under which Integrated Biosciences is a program - over the last 3 Academic Years, Fall 2007-Fall 2010.)

Campus Average			
	Number of Active Programs	Enrollment per Semester	Degrees Awarded per Year
ECU	8	13	2
NCSU	13	20	4
UNC-CH	14	58	10
UNCC	1	28	5
UNCG	2	7	Programs approved in 2008 and 2010 – No graduates yet.
UNCW	1	14	2
Campus Average		23	5

NCCU Degree Programs added in the past three years:

- *Bachelor*
 - N/A
- *Master*
 - MM Jazz Studies (01/11/2008)
- *Doctoral*
 - N/A

NCCU Degree Programs discontinued in past three years:

- *Bachelor*
 - BA Art Education (02/11/2011)
 - BA English, Secondary Education (02/11/2011)
 - BS Mathematics, Secondary Education (02/11/2011)
 - BA Music Education (02/11/2011)
 - BS Physical Education (02/11/2011)
 - BS Biology, Secondary Education (02/11/2011)
 - BS Chemistry, Secondary Education (02/11/2011)
 - BA Theatre Arts Education, K-12 (02/11/2011)
 - BA French, Secondary Education (02/11/2011)
 - BA History, Secondary Education (02/11/2011)
 - BS Physics, Secondary Education (02/11/2011)
 - BS Spanish, Secondary Education (02/11/2011)
- *Master*
 - MEd Special Education, Emotionally Handicapped (03/20/2009)
 - MEd Special Education, Mentally Handicapped (03/20/2009)
 - MEd Special Education, Learning Disabilities (03/20/2009)
 - MS Biology, Secondary Education (03/20/2009)
 - MS Physical Education (02/11/2011)
- *Doctoral*
 - N/A