



The University of North Carolina

GENERAL ADMINISTRATION

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Constituent Universities
Appalachian State
University

East Carolina
University

Elizabeth City
State University

Fayetteville State
University

North Carolina
Agricultural and
Technical State
University

North Carolina
Central University

North Carolina
State University
at Raleigh

University of
North Carolina
at Asheville

University of
North Carolina
at Chapel Hill

University of
North Carolina
at Charlotte

University of
North Carolina
at Greensboro

University of
North Carolina
at Pembroke

University of
North Carolina
at Wilmington

University of
North Carolina
School of the Arts

Western Carolina
University

Winston-Salem
State University

Constituent High School
North Carolina
School of Science
and Mathematics

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MEMORANDUM

TO: Members, Committee on Educational Planning, Policies, and Programs

FROM: Alan Mabe

DATE: March 10, 2009

SUBJECT: Review of Productivity of Programs and Recommendations for Discontinuation of Academic Programs; Review of Newly Established Degree Programs

As part of Phase II of the implementation of UNC Tomorrow, campuses were asked to review all of their degree programs that fell below the Board of Governors standards for degree program productivity. In addition, there was a review of newly established degree programs in terms of meeting the campuses projections of likely enrollment. The results of those two reviews are summarized in the following material.

For the productivity of academic programs, the Board has established the following standards for identifying a program as having low productivity:

- Bachelor's degree programs: the number of degrees awarded in the last two years is 19 or fewer—unless upper division enrollment in the most recent year exceeds 25, or degrees awarded in the most recent year exceeds 10.
- Terminal master's degrees: the number of degrees awarded in the last two years is 15 or fewer—unless enrollment in the most recent year exceeds 22, or degrees awarded exceeds 9. Ed.S. and CAS programs: the number of certificates awarded in the last two years is 15 or fewer—unless enrollment in the most recent year exceeds 9.
- Doctoral degree programs: the number of degrees awarded in the last two years is 5 or fewer—unless enrollment in the most recent year exceeds 18, or the number of degrees awarded in the most recent year exceeds 2.
- First professional degree programs (medicine, dentistry, veterinary medicine, pharmacy, and law): The number of degrees awarded in the last two years is 30 or fewer—unless enrollment in the most recent year exceeds 30, or the number of degrees awarded in the most recent year exceeds 15.

Contrary to past reviews, campuses were asked to review all programs that fell below the low productivity standards. On the basis of this review over 70 degree programs are recommended for discontinuation. There are some general categories of programs that were not recommended, such as those programs associated with the campus's general

education requirement. Since faculty are necessary for teaching the general education courses, little or no savings would be realized from eliminating majors in those fields.

A number of the recommendations involve teacher education. All of the recommended discontinuations and remaining programs in teacher education have been carefully reviewed to make sure there is no adverse impact on the production of teachers. In many instances programs have been merged to better align with state licensure standards, and in other instances to focus on higher enrollment programs, or to respond to programs that represent a growing way students are seeking licensure such as Master of Arts in Teaching programs.

There are other programs below the productivity standards for which the campuses want additional time to review and enhance or decide to recommend discontinuation in the future. These will continue to be monitored. In addition, many campuses indicated they would be interested in a collaborative or online program in some of the areas where enrollment has been low. These options will be followed up in the new academic program review process.

Campuses are also providing information about the consequences of these discontinuations. In many ways this round is a first step in the process of the campuses' alignment their programs with their missions and new economic realities. We would expect more recommendations for discontinuations over the next few months, but some of these will have more far-reaching consequences for resources and personnel.

The review of newly established degree programs is meant to track whether new programs are realizing the campus's expectations. As is evident, some are on target, some exceed target, and some fall below the expectation. Those below are called to the attention of the campuses and they provide reasons why and what steps they are taking to enhance the program. Of special concern would be campuses that have a number of their new programs below the expectation. This information will also be relevant to proposed new programs.

THE UNIVERSITY OF NORTH CAROLINA

2008 REVIEW OF ACADEMIC DEGREE PROGRAM PRODUCTIVITY

DRAFT



March 2009

The UNC Board of Governors has the statutory responsibility to review academic programs biennially to identify those programs that are of low productivity or low priority, or are unnecessarily redundant. These reviews complement institutional self-studies for accreditation and professional accreditation for various disciplines. As a result of academic program review, administrators can decide to strengthen programs, to consolidate programs, to initiate alternative strategies such as distance learning to improve productivity, to identify programs that will benefit from collaboration and the consolidation of resources, or to discontinue programs that are not productive. The Board's Committee on Educational Planning, Policies, and Programs developed productivity criteria and guidelines for identifying programs for productivity review. These criteria are:

- Bachelor's degree programs: the number of degrees awarded in the last two years is 19 or fewer—unless upper division enrollment in the most recent year exceeds 25, or degrees awarded in the most recent year exceed 10.
- Terminal master's degrees: the number of degrees awarded in the last two years is 15 or fewer—unless enrollment in the most recent year exceeds 22, or degrees awarded exceed 9. Ed.S. and CAS programs: the number of certificates awarded in the last two years is 15 or fewer—unless enrollment in the most recent year exceeds 9.
- Doctoral degree programs: the number of degrees awarded in the last two years is 5 or fewer—unless enrollment in the most recent year exceeds 18, or the number of degrees awarded in the most recent year exceeds 2.
- First professional degree programs (medicine, dentistry, veterinary medicine, pharmacy and law): The number of degrees awarded in the last two years is 30 or fewer—unless enrollment in the most recent year exceeds 30, or the number of degrees awarded in the most recent year exceeds 15.

The 2008 process, the seventh review since 1995, identified 272 programs that met the Board's criteria for review. In some previous reviews, certain programs were exempted from review at the system level (*e.g.*, undergraduate academic core programs, interdisciplinary programs that rely on courses from other programs, some health sciences programs, and teacher education programs). In order to respond fully to the academic expectations for efficiency that are part to the UNC Tomorrow process, UNC constituent institutions were asked to provide feedback on all 272 programs identified in this cycle. Responding programs were also asked to indicate whether they wished to investigate online collaboration with other UNC institutions in order to conserve resources and increase productivity.

The programs were reviewed not only in terms of enrollments and degree productivity, but also in terms of the appropriate balance of available resources against (1) the obligation to respond to the demands of society for certain kinds of employees, (2) program costs, and (3) considerations of the broader responsibilities of the university community to society and the duty to maintain the strength and vitality of that community. Reasons for retaining a program include: centrality to the institutional mission, support provided for other necessary programs, high societal need,

provision of access and opportunity for underrepresented groups, maintaining institutional program diversity, regional uniqueness and relevance of the program, lack of any significant savings for program elimination, and recent developments that may lead to increased enrollments in the future.

As a result of this review process, UNC constituent institutions and UNC-OP concur in recommending to the Board of Governors the discontinuation of 74 degree programs currently listed on the Academic Program Inventory (compared to 29 discontinued in the 2005 process). Of the 74, 39 are baccalaureate, 29 are master's, 2 are intermediate (post-master's), and 4 are doctoral programs. In some cases the program offerings will be completely eliminated, and in other cases the program courses will be merged into a broader academic program that will facilitate administrative and curricular efficiency. The list of programs proposed to be removed from the UNC Academic Program Inventory is presented below in **Appendix A**. **Appendix B** presents the full list of 272 degree programs that were reviewed by UNC constituent institutions with institutional recommendations and indications of whether the programs wish to consider online collaboration with other UNC degree programs. **Appendix C** presents the academic program review instructions from General Administration that guided this process. **Appendix D** presents data on degree programs by level authorized by the Board either to be established or discontinued. Several comments on the productivity review are offered below:

- Many discontinuations in Teacher Education programs are due to revised Department of Public Instruction teacher licensure requirements. For instance, most Special Education degree programs must now be grouped into either General Curriculum or Adapted Curriculum licensure areas. Other Teacher Education programs are being merged as concentrations into Master of Arts in Teaching (MAT) programs because programs are finding that most students obtain their teaching licenses in those areas through alternative entry programs such as the MAT.
- A number of other free-standing degree programs are being discontinued and merged into a single overarching program, such as the graduate Romance Language programs at UNC-Chapel Hill, where greater efficiency can be achieved through shared courses and administration.
- It is anticipated that other program discontinuations will be requested by UNC institutions in the coming year as new programs are developed that will incorporate two or more existing programs and as some institutions complete their ongoing review of programs that was started this year.

Appendix A

PROGRAMS TO BE RECOMMENDED FOR DISCONTINUATION BY THE BOARD OF GOVERNORS

Appalachian State University

Bachelor's Degrees

131318 Social Sciences Education
Administration recommends discontinuation due to low enrollments.

511005 Clinical Laboratory Sciences
Biology Dept. lacks clinical facilities; other similar programs in the state.

East Carolina University

Bachelor's Degrees

131310 Marketing Education
No graduates in 3 years; trend is lateral entry or business education/marketing combined licensure

Master's Degrees

512305 Music Therapy
Master of Music in Music Education degree will include a music therapy option.

131101 Counselor Education (EdS)
4 graduates in 3 years; little advantage in having this rather than a master's degree.

250101 Library Science (CAS)
Low demand due to low employment availability in eastern NC

Elizabeth City State University

Bachelor's Degrees

131006 Special Ed: Mental Retardation
Per new DPI requirements, merge into 131001, Special Education, General Curriculum

131011 Special Ed: Learning Disabilities
Per new DPI requirements, merge into 131001, Special Education, General Curriculum

Fayetteville State University

Bachelor's Degrees

131303 Business Education, Secondary
Low enrollments and declining employment opportunities in Business & Marketing Education.

131307 Health Education
Move toward DPI recommendation of combined Health & Physical Education licensure program.

131310 Marketing Education
Low enrollments and declining employment opportunities in Business & Marketing Education.

NC A&T State University

Bachelor's Degrees

131302 Visual Arts, Art Education

Campus stopped enrolling new students in 2006.

131312 Music Education

This program was discontinued in 2006.

131325 French Secondary Ed

Program will be incorporated as a concentration in existing 131205 Secondary Education.

131330 Spanish Secondary Ed

Program will be incorporated as a concentration in existing 131205 Secondary Education.

Master's Degrees

131305 English Education

Program has been incorporated as concentration in existing 131299 Master of Arts in Teaching

131311 Mathematics Education

Program has been incorporated as concentration in existing 131299 Master of Arts in Teaching

131328 History Education

Program has been incorporated as concentration in existing 131299 Master of Arts in Teaching

NC Central University

Master's Degrees

131005 Sp Ed, Emotionally Handicapped

Incorporated into MAT with concentration in Special Education offered for alternative licensure.

131006 Sp Ed, Mentally Handicapped

Incorporated into MAT with concentration in Special Education offered for alternative licensure.

131011 Special Education, Learning Disabilities

Incorporated into MAT with concentration in Special Education offered for alternative licensure.

131322 Biology, Secondary Education

Program has been inactive since 2000.

NC State University

Bachelor's Degrees

131327 Health Occupations Education

State licensure program discontinued by Dept. of Public Instruction; no students enrolled.

Master's Degrees

10103 Agricultural and Resource Economics

No degrees in 5 years; little faculty support to continue program.

131005 Sp Ed, Behavior (MS & M.Ed.)

No longer a licensure area; will become concentration in 131001 Special Education

131006 Sp Ed, Mental Ret. (MS & M.Ed.)

No longer a licensure area; will become concentration in 131001 Special Education

131011 Sp Ed, Learning Dis. (MS&M.Ed.)

No longer a licensure area; will become concentration in 131001 Special Education

UNC-Chapel Hill

Bachelor's Degrees

50110 Russian & East European Studies
Merge into another degree program to conserve resources.

Master's Degrees

160999 Romance Lang., Italian Literature
Merge as concentration in a single 160999 Romance Languages and Literatures degree

160999 Romance Lang., Spanish Literature
Merge as concentration in a single 160999 Romance Languages and Literatures degree

160999 Romance Lang., French Literature
Merge as concentration in a single 160999 Romance Languages and Literatures degree

Doctor's Degrees

160999 Spanish Lang., Literature
Merge as concentration in a single 160999 Romance Languages and Literatures degree

160999 Spanish Am. Lang., Literature
Merge as concentration in a single 160999 Romance Languages and Literatures degree

160999 Italian Lang., Literature
Merge as concentration in a single 160999 Romance Languages and Literatures degree

160999 French Lang., Literature
Merge as concentration in a single 160999 Romance Languages and Literatures degree

UNC Charlotte

Bachelor's Degrees

131006 Special Ed, Mentally Handicapped
Merge into DPI mandated 131001 Special Ed, General Curric. & 131099 Special Ed, Adapted Curric. (BA)

Master's Degrees

131001 Special Ed, Cross Categorical
Merge into DPI mandated 131001 Special Ed, General Curric. & 131099 Special Ed, Adapted Curric. (MEd)

131005 Sp Ed, Behavior Handicapped
Merge into DPI mandated 131001 Special Ed, General Curric. & 131099 Special Ed, Adapted Curric.

131006 Sp Ed, Mentally Handicapped
Merge into DPI mandated 131001 Special Ed, General Curric. & 131099 Special Ed, Adapted Curric.

131011 Special Ed, Learning Disabilities
Merge into DPI mandated 131001 Special Ed, General Curric. & 131099 Special Ed, Adapted Curric.

131099 Special Ed, Severe Handicaps
Merge into DPI mandated 131001 Special Ed, General Curric. & 131099 Special Ed, Adapted Curric.

500704 Arts Administration
New option in Master of Public Administration will address Arts Administration

UNC Greensboro

Bachelor's Degrees

131324 Dance Education
Discontinue due to low enrollments.

131326 German, Secondary Education
Discontinue due to low enrollments.

UNC Pembroke

Bachelor's Degrees

131322 Biology, Secondary Education

Merge into Science Education licensure program, preferred preparation for 9-12 teachers

310301 Recreation Management

Revised comprehensive degree will include as a concentration.

512207 Health Promotion

Revised comprehensive degree will include as a concentration.

UNC Wilmington

Bachelor's Degrees

131001 Special Ed, Cross Categorical

Merge into DPI mandated 131001 Special Ed, General Curric. & 131007 Special Ed, Adapted Curric.

131005 Sp Ed, Behavioral Handicapped

Merge into DPI mandated 131001 Special Ed, General Curric. & 131007 Special Ed, Adapted Curric.

131006 Special Ed, Mental Retardation

Merge into DPI mandated 131001 Special Ed, General Curric. & 131007 Special Ed, Adapted Curric.

131011 Special Ed, Learning Disabilities

Merge into DPI mandated 131001 Special Ed, General Curric. & 131007 Special Ed, Adapted Curric.

131328 History, Secondary Education

Students are encouraged to take Social Studies licensure program instead.

Master's Degrees

270101 Mathematics

MA program stopped enrolling students in 2006. MS still in effect.

Western Carolina University

Bachelor's Degrees

131325 French, Secondary Education

Very low enrollments, little prospect of an increased need in western NC.

131326 German, Secondary Education

Very low enrollments, little prospect of an increased need in western NC.

150303 Electronics Engineering Tech

Program converted to 150303 Electrical and Computer Engineering Technology in 2005.

150303 Telecomm Engineering Tech

Program converted to 150000 Engineering Technology in 2005.

150612 Industrial Distribution

Program made inactive in 2004-05; certificate in Engineering Sales & Distribution retained.

150613 Engineering Tech Manufacturing

Program converted to 150000 Engineering Technology in 2005.

400501 Industrial Chemistry

Discontinue due to low enrollments by request of department.

450101 Social Sciences (BA, BS)

Discontinue due to low enrollments by request of department.

521101 International Business

A broader degree, BS in Applied Management, is being developed.

Master's Degrees

131305 English, 2-Yr College Teaching

MAEd in Community College Teaching (139999) restructured to include options for content areas

131311 Mathematics, 2-Yr College

MAEd in Community College Teaching (139999) restructured to include options for content areas

131314 Physical Ed, 2-Year College

MAEd in Community College Teaching (139999) restructured to include options for content areas

131322 Biology, 2-Yr College Teaching

MAEd in Community College Teaching (139999) restructured to include options for content areas

Winston-Salem State University

Bachelor's Degrees

131302 Art Education

Discontinue due to low enrollments.

131318 Social Studies Education

Discontinue due to low enrollments.

131318 Spanish Education

Discontinue due to low enrollments.

260204 Molecular Biology

Merge with 261201 Biotechnology for greater efficiency

Appendix B

2008 Program Productivity Review Summary

Appalachian State University

CIP Code	Program Title	Yr. Estd	Recommendation	Collab. Online?
Bachelor's Degrees				
131307	Health Education	1972	Retain with steps to increase enrollment	
131308	Family and Consumer Sciences	1972	Retain with steps to increase enrollment	Yes
131309	Technology Education	1972	Retain with steps to increase enrollment	
131318	Social Sciences Education	1972	DISCONTINUE	
131322	Biology, Secondary Education	1988	Retain with steps to increase enrollment	
131323	Chemistry, Secondary Education	1988	Retain with steps to increase enrollment	
131324	Teaching Theatre Arts, K-12	1972	Retain; low enrollments likely to continue	
131325	French/Francophone Studies, Ed	1972	Retain with steps to increase enrollment	Yes
131329	Physics, Secondary Education	1988	Retain with steps to increase enrollment	
131399	Geology, Secondary Education	1988	Retain with steps to increase enrollment	
160901	French and Francophone Studies	1972	Retain with steps to increase enrollment	Yes
270501	Statistics	1974	Retain; low enrollments likely to continue	
500701	Art	1972	Retain with steps to increase enrollment	
500704	Art Management	1972	Retain with steps to increase enrollment	
511005	Clinical Laboratory Sciences	1974	DISCONTINUE	
Master's Degrees				
131209	Child Development: B-K	1999	Retain with steps to increase enrollment	
131308	Family and Consumer Sciences	1990	Retain with steps to increase enrollment	
131309	Technology Education	1972	Retain with steps to increase enrollment	
131311	Mathematics Education	1972	Retain with steps to increase enrollment	
131312	Music Education	1984	Retain with steps to increase enrollment	
190101	Family and Consumer Sciences	1990	Retain with steps to increase enrollment	
420101	Psychology, Experimental	1972	Retain with steps to increase enrollment	
540105	Public History	1989	Retain with steps to increase enrollment	

East Carolina University

CIP Code	Program Title	Yr. Estd	Recommendation	Collab. Online?
Bachelor's Degrees				
50207	Women's Studies	1995	Retain with steps to increase enrollment	yes
131303	Business Education	1972	Retain with steps to increase enrollment	
131307	School Health Education	1972	Retain with steps to increase enrollment	yes
131308	Family and Consumer Science	1972	Retain with steps to increase enrollment	yes
131310	Marketing Education	1972	DISCONTINUE	
131325	French Education	1972	Retain with steps to increase enrollment	
131326	German Education	1972	Retain with steps to increase enrollment	
131330	Hispanic Studies Education	1972	Retain with steps to increase enrollment	

160501	German	1972	Retain with steps to increase enrollment	yes
160901	French	1972	Retain with steps to increase enrollment	
400601	Geology	1972	Retain with steps to increase enrollment	
400801	Physics	1972	Retain with steps to increase enrollment	
500703	Art History and Appreciation	1972	Retain with steps to increase enrollment	
500904	Theory-Composition	1972	Retain; low enrollments likely to continue	
512305	Music Therapy	1972	Retain with steps to increase enrollment	
540105	Public History	1984	Retain; low enrollments likely to continue	

Master's Degrees

131314	Physical Education	2000	Retain with steps to increase enrollment	
500904	Theory-Composition	1972	Retain; low enrollments likely to continue	
512305	Music Therapy	1996	DISCONTINUE	
131101	Counselor Education (EdS)	1982	DISCONTINUE	
250101	Library Science (CAS)	1994	DISCONTINUE	
421701	School Psychology (CAS)	1976	Retain with steps to increase enrollment	

Doctor's Degrees

260202	Biochemistry	1979	Retain; low enrollments likely to continue	
260401	Anatomy and Cell Biology	1979	Retain; low enrollments likely to continue	
260503	Microbiology and Immunology	1979	Retain; low enrollments likely to continue	
510204	Communications Sciences	1996	Retain with steps to increase enrollment	

Elizabeth City State University

CIP Code	Program Title	Yr. Estd	Recommendation	Collab. Online?
Bachelor's Degrees				
131006	Special Ed: Mental Retardation	1978	DISCONTINUE	yes
131011	Special Ed: Learning Disabilities	1994	DISCONTINUE	yes
131203	Middle Grades Education	1984	Retain with steps to increase enrollments	yes
270101	Mathematics	1972	Retain with steps to increase enrollments	yes
400501	Chemistry	1972	Retain with steps to increase enrollments	yes
400601	Geology	1974	Retain with steps to increase enrollments	yes
400801	Physics, General	1980	Retain with steps to increase enrollments	yes
451001	Political Science	1974	Retain; low enrollments likely to continue	
500901	Music	1982	Retain with steps to increase enrollments	

Fayetteville State University

CIP Code	Program Title	Yr. Estd	Recommendation	Collab. Online?
Bachelor's Degrees				
131303	Business Education, Secondary	1972	DISCONTINUE	
131305	English Education	1972	Retain with steps to increase enrollments	yes
131307	Health Education	1988	DISCONTINUE	
131310	Marketing Education	1984	DISCONTINUE	
131312	Music Education	1972	Retain; review in one year	
131314	Physical Education	1972	Retain; review in one year	yes

131317	Social Sciences, Secondary Ed	1972	Retain with steps to increase enrollments	
131322	Biology, Secondary Education	1972	Retain; review in one year	
131330	Spanish Education	1989	Retain; review in one year	
160905	Spanish	1989	Retain with steps to increase enrollments	
270101	Mathematics	1972	Retain with steps to increase enrollments	yes
400501	Chemistry	1972	Retain with steps to increase enrollments	
450701	Geography	1979	Retain with steps to increase enrollments	yes
Master's Degrees				
230101	English	1993	Retain with steps to increase enrollments	
270101	Mathematics	1990	Retain with steps to increase enrollments	yes

NC A&T State University

CIP Code	Program Title	Yr. Estd	Recommendation	Collab. Online?
Bachelor's Degrees				
10000	Earth and Environmental Sci.	1972	Retain with steps to increase enrollments	
10103	Agricultural Economics	1972	Retain with steps to increase enrollments	
40601	Landscape Architecture	1976	Retain with steps to increase enrollments	
131302	Visual Arts, Art Education	1972	DISCONTINUE	
131308	Family Consumer Science Ed	1972	Retain with steps to increase enrollments	
131309	Technology Education	1972	Retain with steps to increase enrollments	
131312	Music Education	1972	DISCONTINUE	
131314	Health and Physical Education	1972	Retain with steps to increase enrollments	yes
131325	French Secondary Ed	1997	DISCONTINUE	
131330	Spanish Secondary Ed	1997	DISCONTINUE	
140301	Biological Engineering	1972	Retain with steps to increase enrollments	
160999	Romance Lang and Lit., French	1997	Retain with steps to increase enrollments	
190501	Food and Nutritional Sciences	1972	Retain with steps to increase enrollments	
310501	Health and Physical Education	1972	Retain with steps to increase enrollments	
400801	Physics	1972	Retain with steps to increase enrollments	yes
500901	Music	1972	Retain with steps to increase enrollments	
Master's Degrees				
131305	English Education	1972	DISCONTINUE	
131311	Mathematics Education	1972	DISCONTINUE	
131328	History Education	1972	DISCONTINUE	
270301	Applied Mathematics	1985	Retain with steps to increase enrollments	
400801	Physics	1996	Retain with steps to increase enrollments	yes

NC Central University

CIP Code	Program Title	Yr. Estd	Recommendation	Collab. Online?
Bachelor's Degrees				
30104	Environmental Sciences	1996	Retain with steps to increase enrollments	
131203	Middle Grades Education	1989	Retain with steps to increase enrollments	

31302	Art Education	1972	Retain with steps to increase enrollments
131305	English, Secondary Education	1972	Retain with steps to increase enrollments
131307	Health Education	1972	Retain with steps to increase enrollments
131311	Mathematics, Secondary Ed	1972	Retain with steps to increase enrollments
131312	Music Education	1972	Retain with steps to increase enrollments
131314	Physical Education	1972	Retain with steps to increase enrollments
131322	Biology, Secondary Education	1972	Retain with steps to increase enrollments
131323	Chemistry, Secondary Education	1972	Retain with steps to increase enrollments
131324	Theatre Arts Education, K-12	1972	Retain with steps to increase enrollments
131325	French, Secondary Education	1972	Retain with steps to increase enrollments
131328	History, Secondary Education	1972	Retain with steps to increase enrollments
131330	Spanish, Secondary Education	1972	Retain with steps to increase enrollments
160901	French	1972	Retain with steps to increase enrollments
160905	Spanish	1972	Retain with steps to increase enrollments
270101	Mathematics	1972	Retain with steps to increase enrollments
400801	Physics	1972	Retain with steps to increase enrollments
450701	Geography	1972	Retain with steps to increase enrollments
500501	Theatre	1972	Retain with steps to increase enrollments
500910	Jazz	1980	Retain with steps to increase enrollments

Master's Degrees

130301	Curriculum and Instruction	2000	Retain with steps to increase enrollments
131005	Sp Ed, Emotionally Handicapped	1972	DISCONTINUE
131005	Sp Ed, Mentally Handicapped	1972	DISCONTINUE
131009	Sp Ed, Blind/Vis. Handicapped	1997	Retain with steps to increase enrollments
131011	Sp Ed, Learning Disabilities	1999	DISCONTINUE
131203	Middle Grades	1984	Retain with steps to increase enrollments
131314	Physical Education	1972	Retain with steps to increase enrollments
131322	Biology, Secondary Education	1972	DISCONTINUE
270101	Mathematics	1972	Retain with steps to increase enrollments

NC State University

CIP Code	Program Title	Yr. Estd	Recommendation	Collab. Online?
Bachelor's Degrees				
30104	Environmental Sciences	1972	Restructure program	yes
131327	Health Occupations Education	1981	DISCONTINUE	
Master's Degrees				
10103	Agricultural and Resource Econ	1972	DISCONTINUE	
10907	Poultry Science	1996	Retain with steps to increase enrollments	
31001	Special Education	1972	Restructure program	
131005	Sp Ed, Behavior <u>(MS & M.Ed.)</u>	1981	DISCONTINUE	
131006	Sp Ed, Mental D. <u>(MS & M.Ed.)</u>	1972	DISCONTINUE	

131011	Sp Ed, Learn. Dis. (<u>MS&M.Ed.</u>)	1972	DISCONTINUE	
131318	Social Studies Education	1981	Restructure program	yes
Doctor's Degrees				
10801	Agriculture and Extension Ed	1972	Retain with steps to increase enrollments	
261101	Biomathematics	1972	Retain with steps to increase enrollments	

UNC Asheville

CIP Code	Program Title	Yr. Estd	Recommendation	Collab. Online?
Bachelor's Degrees				
160501	German	1972	Retain with steps to increase enrollments	yes
160901	French	1972	Retain with steps to increase enrollments	yes
161200	Classics with Teacher Licensure	1972	Retain; low enrollments likely to continue	
380101	Philosophy	1972	Retain; low enrollments likely to continue	
400801	Physics	1972	Retain; low enrollments likely to continue	
500999	Music Technology	1982	Retain; low enrollments likely to continue	
520205	Industrial/Engineering Manag.	1984	Retain; low enrollments likely to continue	yes

UNC-Chapel Hill

CIP Code	Program Title	Yr. Estd	Recommendation	Collab. Online?
Bachelor's Degrees				
50110	Russian, East European Studies	1979	DISCONTINUE	
160104	Comparative Literature	1972	Retain with steps to increase enrollments	
160499	Slavic Languages	1972	Retain with steps to increase enrollments	
240101	Interdisciplinary Studies	1972	Retain; low enrollments likely to continue	
261102	Biostatistics	1976	Retain with steps to increase enrollments	
512202	Environmental Health Sciences	1977	Retain; low enrollments likely to continue	
Master's Degrees				
160999	Italian Literature	1972	DISCONTINUE	
160999	Spanish Literature	1972	DISCONTINUE	
160999	French Literature	1972	DISCONTINUE	
510504	Dental Hygiene Education	1979	Retain; low enrollments likely to continue	yes
Doctor's Degrees				
160102	Linguistics	1972	Retain; low enrollments likely to continue	
160499	Slavic Languages and Literatures	1972	Retain with steps to increase enrollments	
160999	Spanish Lang., Literature	1972	DISCONTINUE	
160999	Spanish Am. Lang., Literature	1972	DISCONTINUE	
160999	Italian Lang., Literature	1972	DISCONTINUE	
160999	French Lang., Literature	1972	DISCONTINUE	
400601	Geological Sciences	1972	Retain with steps to increase enrollments	

UNC Charlotte

CIP Code	Program Title	Yr. Estd	Recommendation	Collab. Online?
Bachelor's Degrees				
131006	Special Ed, Mentally Hand.	1999	DISCONTINUE	
131209	Child and Family,	1994	Restructure program	
131312	Music Education	1993	Retain with steps to increase enrollments	
131323	Chemistry, Secondary Education	1972	Retain; low enrollments likely to continue	yes
131324	Dance Education	1996	Retain; low enrollments likely to continue	
131325	French, K-12	1972	Retain; low enrollments likely to continue	yes
131326	German, K-12	1972	Retain; low enrollments likely to continue	yes
131330	Spanish, K-12	1972	Retain; low enrollments likely to continue	yes
160901	French	1972	Retain; low enrollments likely to continue	yes
450601	Economics	1972	Retain; low enrollments likely to continue	
500903	Music	1972	Retain with steps to increase enrollments	
511005	Chemistry, Medical Technology	1978	Retain; low enrollments likely to continue	yes
Master's Degrees				
131001	Special Ed, Cross Categorical	1999	DISCONTINUE	
131004	Special Ed, Academically Gifted	1999	Retain with steps to increase enrollments	
131005	Sp Ed, Behavior Handicapped	1999	DISCONTINUE	
131006	Sp Ed, Mentally Handicapped	1999	DISCONTINUE	
131011	Special Ed, Learning Disabilities	1999	DISCONTINUE	
131099	Special Ed, Severe Handicaps	1999	DISCONTINUE	
140101	Engineering, General	1990	Retain; low enrollments likely to continue	
400801	Applied Physics	1992	Retain with steps to increase enrollments	yes
500704	Arts Administration	1992	DISCONTINUE	

UNC Greensboro

CIP Code	Program Title	Yr. Estd	Recommendation	Collab. Online?
Bachelor's Degrees				
131311	Mathematics Education	1972	Retain with steps to increase enrollments	
131317	Social Studies Education	1979	Retain with steps to increase enrollments	
131324	Dance Education	1972	DISCONTINUE	
131325	French, Secondary Education	1972	Retain with steps to increase enrollments	
131326	German, Secondary Education	1972	DISCONTINUE	
131330	Spanish, Secondary Education	1972	Retain with steps to increase enrollments	
160501	German	1972	Retain with steps to increase enrollments	yes
160901	French	1972	Retain with steps to increase enrollments	
400801	Physics	1972	Retain with steps to increase enrollments	yes
500904	Composition	1972	Retain; low enrollments likely to continue	
500910	Jazz Studies	1972	Retain; low enrollments likely to continue	
511005	Medical Technology	1972	Retain; low enrollments likely to continue	
Master's Degrees				
131305	English	1972	Retain; low enrollments likely to continue	yes

131399	Latin	1993	Retain; low enrollments likely to continue
500904	Composition	1972	Retain; low enrollments likely to continue
510701	Health Management	1998	Retain; low enrollments likely to continue
Doctor's Degrees			
301901	Nutrition	1972	Retain with steps to increase enrollments

UNC Pembroke

CIP Code	Program Title	Yr. Estd	Recommendation	Collab. Online?
Bachelor's Degrees				
50102	American Studies	1995	Retain; low enrollments likely to continue	
50202	American Indian Studies	1984	Retain; low enrollments likely to continue	
131302	Art Education	1972	Retain; low enrollments likely to continue	
131305	English Education	1972	Retain with steps to increase enrollments	
131311	Mathematics, Secondary Ed	1972	Retain with steps to increase enrollments	
131312	Music Education	1972	Retain; low enrollments likely to continue	
131316	Science Education	1988	Retain with steps to increase enrollments	yes
131322	Biology, Secondary Education	1972	DISCONTINUE	
270101	Mathematics	1972	Retain with steps to increase enrollments	
310301	Recreation Management	1982	DISCONTINUE	
389999	Philosophy and Religion	1974	Retain; low enrollments likely to continue	
500501	Theatre Arts	1972	Retain with steps to increase enrollments	
510913	Athletic Training	1996	Retain; low enrollments likely to continue	
512207	Health Promotion	1993	DISCONTINUE	
Master's Degrees				
131311	Mathematics Education	1985	Retain with steps to increase enrollments	yes
131316	Science Education	1999	Retain with steps to increase enrollments	yes

UNC Wilmington

CIP Code	Program Title	Yr. Estd	Recommendation	Collab. Online?
Bachelor's Degrees				
131001	Special Ed, Cross Categorical	1972	DISCONTINUE	
131005	Sp Ed, Behavioral Handicapped	1988	DISCONTINUE	
131006	Special Ed, Mental Retardation	1972	DISCONTINUE	
131011	Special Ed, Learning Disabilities	1978	DISCONTINUE	
131209	Educators of Young Children	1995	Retain with steps to increase enrollments	
131312	Music Education	1990	Retain with steps to increase enrollments	
131325	French Education	1972	Retain; low enrollments likely to continue	
131328	History, Secondary Education	1972	DISCONTINUE	
131330	Spanish Education	1972	Retain; low enrollments likely to continue	
160901	French	1972	Retain; low enrollments likely to continue	
160905	Spanish	1972	Retain; low enrollments likely to continue	
400601	Geology	1981	Retain with steps to increase enrollments	
400801	Physics	1972	Retain with steps to increase enrollments	

450601	Economics	1972	Retain with steps to increase enrollments	
500901	Music	1974	Retain with steps to increase enrollments	Yes
Master's Degrees				
131203	Middle Grades Education	1993	Retain with steps to increase enrollments	
270101	Mathematics	1972	DISCONTINUE	

Western Carolina University

CIP Code	Program Title	Yr. Estd	Recommendation	Collab. Online?
Bachelor's Degrees				
131302	Art Education	1972	Retain with steps to increase enrollments	
131311	Mathematics, Secondary Ed	1972	Retain with steps to increase enrollments	
131316	Science Education	1972	Retain with steps to increase enrollments	
131325	French, Secondary Education	1972	DISCONTINUE	
131326	German, Secondary Education	1972	DISCONTINUE	
131330	Spanish, Secondary Education	1972	Retain with steps to increase enrollments	
150303	Electronics Engineering Tech	1972	DISCONTINUE	
150303	Telecomm Engineering Tech	1972	DISCONTINUE	
150612	Industrial Distribution	1978	DISCONTINUE	
150613	Engineering Tech Manufacturing	1982	DISCONTINUE	
240101	Special Studies	1974	Retain with steps to increase enrollments	
400601	Geology	1972	Retain with steps to increase enrollments	
400501	Industrial Chemistry	1972	DISCONTINUE	
450101	Social Sciences (BA and BS)	1972	DISCONTINUE	
450701	Geography	1972	Retain with steps to increase enrollments	
500501	Theatre	1977	Restructure program	
500701	Art	1972	Retain with steps to increase enrollments	
500901	Music	1972	Retain with steps to increase enrollments	
521101	International Business	1985	DISCONTINUE	
Master's Degrees				
131305	English, 2-Yr College Teaching	1972	DISCONTINUE	
131311	Mathematics, 2-Yr College	1972	DISCONTINUE	
131314	Physical Ed, 2-Year College	1972	DISCONTINUE	
131322	Biology, 2-Yr College Teaching	1972	DISCONTINUE	
270301	Applied Mathematics	1972	Retain with steps to increase enrollments	
500903	Music	1984	Retain with steps to increase enrollments	

Winston-Salem State University

CIP Code	Program Title	Yr. Estd	Recommendation	Collab. Online?
Bachelor's Degrees				
131011	Special Ed, Learning Disabilities	1976	Retain with steps to increase enrollments	
131203	Middle Grades	1989	Retain with steps to increase enrollments	
131302	Art Education	1972	DISCONTINUE	
131312	Music Education	1972	Retain with steps to increase enrollments	

131314	Physical Education	1972	Retain with steps to increase enrollments	
131318	Social Studies Education	1972	DISCONTINUE	
131318	Spanish Education	1972	DISCONTINUE	
160905	Spanish	1984	Retain with steps to increase enrollments	
260204	Molecular Biology	1997	DISCONTINUE	
270101	Mathematics	1972	Retain with steps to increase enrollments	yes
450601	Economics	1981	Retain with steps to increase enrollments	
500701	Art	1972	Retain with steps to increase enrollments	
500909	Music Business	1980	Retain with steps to increase enrollments	
540101	History	1972	Retain with steps to increase enrollments	

Appendix C. Instructions for Academic Program Review Responses

Guidelines for Program Enrollment/Graduation Productivity Review

In reviewing the degree program and completing the form #1B accompanying these guidelines, please consider the following questions. A response to each question is not required, but you should include these considerations in your review wherever relevant.

1. Centrality to University's Mission

- How important to the mission of the institution is this program?
- Would the elimination of this program have any adverse effect on the mission of the institution?
- What is the societal need for the program?
- Can this program be combined with a similar or related program in the present department or in another department?

2. Quality of the Program

- What is the quality of the program and what indicators are used to assess the quality?
- Is the program accredited or has accreditation been sought?

3. Faculty Involved

- How many faculty members are teaching in this program?
- How many graduate assistants and part-time faculty usually teach in this program?
- How many of the faculty have appropriate terminal degrees?
- What is the average teaching load of the faculty in the department?
- What is the percentage of reassigned faculty time per semester?
- If this program should be discontinued, can the faculty members teaching in it be continued in this or a related area?

4. Facilities/Equipment

- Is the available space (classroom laboratory, etc.) adequate and appropriate for the program?
- Is the necessary equipment available and in working order?

5. Demand

- For how many years has the program been in place? Is it serving the predicted number of students?
- What are the job prospects for these graduates?
- Are there courses in the program that are essential supporting courses for other programs?

6. Costs

- How many different concentrations or options are available in the program? Could some of them be consolidated or eliminated to reduce course proliferation and costs?
- What is program productivity as it is reflected in course enrollments?
- Given a threshold of at least 10 students for undergraduate courses and at least 5 students for graduate courses, does the program have under-enrolled courses? How many?
- What are the yearly costs for specialized equipment and library resources to support the program?
- If the space, equipment and library holdings are not adequate, what would it cost to make them adequate?

- Would the campus/department rather spend those dollars on other programs/activities?

7. Duplication

- Can this program's objectives be accomplished equally well through another program?
- Are courses in the program duplicated in other programs/departments?
- Has there been any effort to eliminate the duplication of these courses?
- Could enrollment be increased by sharing some courses with another institution through distance education (with your institution as a provider or a recipient)?
- Is there an online option that might be pursued by your campus or with another campus or are online programs or courses available from other campuses?
- Is this program distinctive in the UNC system? If yes, briefly indicate how.
- Is there a location (geographic/demographic/cultural) advantage to the program?

8. Critical Mass

- What would be the impact on the department if the program under review were eliminated? If it were delivered in part or entirely by another institution through distance education?
- Would the department still exist? For what purpose?
- What would be the impact on other departments or programs if the program under review were eliminated?

9. Recommendation about the Program

As a result of this review, your institution is asked to make recommendations that address these major questions:

- Should the program be continued as a separate degree program? If continuation is recommended, provide a sound and compelling reasons.
- If the recommendation is to continue the program, can it be made more productive? If so, how? What steps would be taken to strengthen the program and make it more productive? Should the program be consolidated or merged with other existing programs? If so, which ones?
- Should the program be discontinued? If so, on what timetable? If the program is discontinued, would there be any savings of funds or resources that could be reallocated to other programs and activities of greater productivity or higher priority?
- Could an online option for your campus, for a joint program with another or other campuses, or for using online courses or a degree program from another campus address your campuses needs in this program area?

Program Review and Recommendations Form

(Complete this form for each program identified in Enclosure #1C)

Date:

Constituent University:

CIP Discipline Number:

Exact Title of the Program:

Exact Degree Abbreviation (e.g. B.S., B.A., M.A., M.S., Ph.D):

1. The accompanying guidelines list questions about centrality to mission, quality, faculty and physical resources, demand, costs, duplication, and consequences of deletion. After considering those issues, which of the following does the campus recommend?

Retain the program in its present configuration with low enrollments likely to continue.

Retain the program in its present configuration with specific steps to be taken to increase enrollments.

Restructure the program by combining it with one or more other campus programs.

Actively investigate collaboration with other UNC campuses in order to conserve program resources and increase course enrollments.

Discontinue the program while assuring graduation for any currently enrolled students.

2. As more programs, certificates, licensure programs, and courses become available online through the University of North Carolina Online would you be willing to consider online courses or programs from another campus to meet the needs in this program?

Would you be interested in exploring a joint online offering with one or more other campuses to meet the needs this program is currently addressing?

Would you be interested in utilizing an online degree program or courses from another campus to meet the needs this program is currently addressing?

3. Explain the above responses—either the rationale for leaving the program in its current configuration or specific steps proposed to increase enrollments or pursue other options.

4. Name/

Appendix D