

State Council of Higher Education for Virginia Agenda Item

Item: Academic Affairs Committee Item #7 – Action on Academic Program
Productivity Review

Date of Meeting: July 21, 2014

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Most Recent Review/Action:

- No previous Council review/action
 Previous review/action

Date: October 29, 2013

Action: Council approved revised Policies and Procedures for Academic
Program Productivity/Viability Review

Background Information/Summary of Major Elements:

The Code of Virginia, §23-9.6:1, charges the State Council of Higher Education for Virginia (SCHEV) with the duty to review and discontinue academic programs that fail to meet quantitative standards for enrolled majors, service instruction, and degrees granted. Review of programs is performed by SCHEV on a five-year cycle; the last productivity review was conducted in 2008-2009.

Since the 2008-2009 review, Council's "Virginia Public Higher Education Policy on Program Productivity" was revised to simplify the review process and correct the formula for the quantitative productivity standards. The policy changes were approved by Council at the October 2013 meeting.

The 2013-14 program productivity review commenced in November 2013. In the first stage, institutions were provided a list of programs identified by the SCHEV productivity database as failing to meet quantitative standards defined in the policy. A total of 210 programs at the four-year institutions were identified at this stage. Institutions were invited first to review the results and advise staff of any technical corrections that would remove a program from review. They were also permitted, as per policy, to request exemption for (i) recently (five years or younger) established programs and (ii) certain programs where enrollment data could be aggregated with other similar programs. Of the 210 initially targeted programs, 97 were exempted on such technical grounds, leaving 113 subject to substantive qualitative review.

Of the 113 programs subject to substantive review, 29 were proposed for closure by institutions. For each of the remaining 84 programs, staff reviewed the institution's justification for continuance along with any supplemental documentation submitted. Final staff recommendations to Council are based on the review of materials demonstrating the health of the programs through assessment reports, accreditation reviews, evidence of need, relationship to institutional mission, and institutional commitment to strengthen the program in the future. In some cases, staff requested further information and/or engaged in more detailed discussion with the institutions in order to thoroughly shape final recommendations, which are presented in the resolution and in Table 1.

Council policy establishes productivity standards for community college programs, and delegates their review to the State Board for Community Colleges. The Virginia Community College System (VCCS), as per policy, has reported the results of its review, and these are also included here, in Table 2. Of 30 programs identified for review, the State Board has approved the discontinuance of 15 and the continuance of 15 (see Table 2).

Upon Council approval of a final list of program closures and continuances, staff will report the program closures to the Governor and General Assembly, as required by Code.

Materials Provided:

- Academic Program Productivity Review 2013/14 Table 1
- VCCS Report on Program Productivity Review 2013/14 Table 2

Financial Impact: There is no precise accounting of the financial impact of the proposed closures. In total, the closures presented here represent an opportunity for substantial enhanced efficiencies at the institutions.

Timetable for Further Review/Action: Institutional appeals, if any, would be presented at the September 2014 Council meeting, with final action in October.

Note on Resolution: The resolution below sets out final staff recommendations for Council action. In the following instances, the staff recommendation differs from the initial institutional request for continuance:

- all continuances "subject to condition";
- under closures, any program in italics (i.e., the institution initially requested continuance of these programs).

Resolution:

BE IT RESOLVED that the State Council of Higher Education for Virginia approves the following degree program actions, as listed by institution, degree level, and title:

A. Continue without condition:

- **Christopher Newport University**
 - Bachelor, Interdisciplinary Studies
- **College of William & Mary**
 - Bachelor, Chinese Language and Culture
 - Bachelor, German
 - Master, Applied Science
 - Master, Psychology
- **George Mason University**
 - Bachelor, Religious Studies
 - Bachelor, Astronomy
 - Bachelor, Global and Environment Change
 - Master, Anthropology
 - Master, Art History
 - Master, Bioinformatics Management
 - Doctoral, Computational and Data Science
 - Doctoral, Criminology, Law and Society
 - Doctoral, Sociology
- **James Madison University**
 - Master, Mathematics
 - Master, Art
- **Longwood University**
 - Bachelor, Economics
 - Bachelor, Modern Languages
 - Master, Sociology
- **Norfolk State University**
 - Bachelor, Building Construction Technology
 - Bachelor, Optical Engineering
 - Bachelor, Physics
 - Master, Severe Disabilities
 - Master, Pre-Elementary Education
 - Master, Music
 - Master, Materials Science
 - Doctoral, Social Work
 - Doctoral, Materials Science and Engineering
- **Old Dominion University:**
 - Bachelor, Asian Studies
 - Bachelor, Economics
 - Bachelor, Women's Studies
 - Bachelor, Chemistry
 - Master, Applied Sociology

- **Master, Chemistry**
- **Radford University**
 - **Bachelor, Philosophy and Religious Studies**
 - **Doctoral, Counseling**
- **University of Mary Washington**
 - **Bachelor, Physics**
- **University of Virginia**
 - **Bachelor, Architectural History**
 - **Bachelor, German**
 - **Bachelor, Italian**
 - **Bachelor, Astronomy**
 - **Master, Asian Studies**
 - **Master, Government**
 - **Master, Philosophy**
 - **Master, Linguistics**
 - **Master, Classics**
 - **Master, German**
 - **Master, Italian**
 - **Master, Music**
 - **Master, Slavic Languages and Literature**
 - **Doctoral, Classics**
- **University of Virginia at Wise**
 - **Bachelor, Management Information Systems**
 - **Bachelor, Mathematics**
 - **Bachelor, Computer Science**
 - **Bachelor, Software Engineering**
- **Virginia Commonwealth University**
 - **Bachelor, African American Studies**
 - **Bachelor, Financial Technology**
 - **Master, Economics**
 - **Master, Music**
 - **Master, Biostatistics**
 - **Doctoral, Epidemiology**
- **Virginia Military Institute**
 - **Bachelor, Applied Mathematics**
 - **Bachelor, Computer Science**
 - **Bachelor, Physics**
- **Virginia State University**
 - **Bachelor, Economics and Finance**
 - **Bachelor, Social Work**
 - **Master, Criminal Justice**
 - **Master, Interdisciplinary Studies**
 - **Master, Computer Science**
- **Virginia Tech**
 - **Master, Foreign Language and Culture**
 - **Master, Theater Arts**
 - **Doctoral, Social, Political, Ethical and Cultural Thought**

- **Doctoral, Geospatial and Environmental Analysis**
- **Doctoral, Rhetoric and Writing**

B. Continue the following programs, subject to condition:

- **George Mason University**
 - **Bachelor, Computational and Data Science:** Continue program, on condition that a plan for enhancing program performance be approved by GMU's Board of Visitors no later than June 1, 2015. If a plan is not submitted, or if it is determined by Council to be insufficient to restore the program to viability, the program shall be closed.
 - **Bachelor, Latin American Studies:** Continue program, on condition that a plan for enhancing program performance be approved by GMU's Board of Visitors no later than June 1, 2015. If a plan is not submitted, or if it is determined by Council to be insufficient to restore the program to viability, the program shall be closed.
- **Longwood University**
 - **Master, Business Administration:** Continue program, on condition that a plan for enhancing program performance be approved by LU's Board of Visitors no later than June 1, 2015. If a plan is not submitted, or if it is determined by Council to be insufficient to restore the program to viability, the program shall be closed.
- **University of Virginia**
 - **Doctoral, German:** Continue program, on condition that a plan for enhancing program performance be approved by UVA's Board of Visitors no later than June 1, 2015. If a plan is not submitted, or if it is determined by Council to be insufficient to restore the program to viability, the program shall be closed.
 - **Doctoral, Slavic Languages and Literature:** Continue program, on condition that a plan for enhancing program performance be approved by UVA's Board of Visitors no later than June 1, 2015. If a plan is not submitted, or if it is determined by Council to be insufficient to restore the program to viability, the program shall be closed.
- **Virginia State University**
 - **Master, Mathematics:** Continue program, on condition that a plan for enhancing program performance be approved by VSU's Board of Visitors no later than June 1, 2015. If a plan is not submitted, or if it is determined by Council to be insufficient to restore the program to viability, the program shall be closed.

C. Close the following programs:

- **George Mason University**
 - **Bachelor, Business Administration**
 - **Bachelor, Electronic and Communication Engineering**

- *Master, Dance*
- **Master, Epidemiology and Biostatistics**
- **Master, Senior Housing Administration**
- **Master, Health Science**
- **Doctoral, Physical Science**
- **Doctoral, Information Technology**
- **Norfolk State University:**
 - **Bachelor, Business Education**
 - **Master, Applied Sociology**
 - **Master, Teaching**
 - *Master, Optical Engineering*
- **Old Dominion University:**
 - **Bachelor, Acting**
 - **Master, Physical Therapy**
- **Radford University:**
 - **Bachelor, Geography**
- **University of Mary Washington**
 - **Bachelor, American Studies**
- **University of Virginia:**
 - **Master, Digital Humanities**
- **Virginia Commonwealth University:**
 - **Bachelor, Recreation, Parks and Sports Management**
 - **Master, Taxation**
 - **Master, Athletic Training**
- **Virginia State University:**
 - **Bachelor, Public Administration**
 - **Bachelor, Administrative Systems Management**
 - **Bachelor, Industrial and Technology Education**
 - **Bachelor, Engineering Technology**
 - **Bachelor, Physics**
 - *Master, History*
 - *Master, English*
 - **Master, Plant Science**
- **Virginia Tech:**
 - **Bachelor, Humanities, Science and Environment**
 - **Master, Hospitality and Tourism**
 - **Master, Dairy Science**
 - **Master, Horticulture**
 - **Doctoral, Hospitality and Tourism**

Table 1: Academic Program Productivity Review – Summary of Staff Recommendations

State Council of Higher Education for Virginia
2013-14 Academic Program Productivity Review
Staff Recommendations

<i>Institution</i>	<i>Award Level and Title</i>	<i>Institution Request and Justification</i>	<i>Staff Recommendation</i>	<i>Notes</i>
CNU	Bachelor, Interdisciplinary Studies	Continue Mission; interdisciplinary	Continue	<ul style="list-style-type: none"> Program is highly interdisciplinary - 95% of required course credit hours shared with other degree programs.
CWM	Master, Applied Science	Continue Mission; supports other programs; interdisciplinary; shares courses	Continue	<ul style="list-style-type: none"> Mission centrality. Program is highly interdisciplinary, having a core sequence of only 10 credits in Applied Science.
CWM	Bachelor, Chinese Language and Culture	Continue Supports other programs; Other	Continue	<ul style="list-style-type: none"> Program courses support several other degree programs. Chinese is a “critical need language”. Program supports participation of CWM in the Confucius Institute and facilitates cultural exchanges with China.
CWM	Master, Psychology	Continue Mission; performed well in external reviews; Other	Continue	<ul style="list-style-type: none"> Mission centrality. Program performed well in 2010-11 external review.
CWM	Bachelor, German	Continue Mission; courses support other programs; demand	Continue	<ul style="list-style-type: none"> Mission centrality. Program courses may be used to fulfill requirements in several other degree programs. Program has attracted gifts from external donors.
GMU	Doctoral, Computational Social Science	Continue Unique need; Other – started in 2008, so not in existence long enough to meet the standard average.	Continue	<ul style="list-style-type: none"> Program was initiated in 2008, so has not been in existence long enough to meet the five-year average standard. Actual FTE and degrees trending upward; met the standard in 2012-13. Successful placement of graduates so far.
GMU	Doctoral, Criminology, Law and Society	Continue Plans to bolster performance; Other – enrollment trends	Continue	<ul style="list-style-type: none"> FTE majors are very close to the standard; enrollment is trending upward. Plans to change exam structure to reduce time to degree.
GMU	Master, Anthropology	Continue Mission; unique need; plans to	Continue	<ul style="list-style-type: none"> Mission centrality Unique program to Virginia.

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		bolster performance		<ul style="list-style-type: none"> 2013-14 FTE will exceed standards.
GMU	Bachelor, Business Administration	Close	Close	
GMU	Bachelor, Computational and Data Science	Continue Plans to bolster performance – program to be inactive until institution experiments with focus as a minor	Continue, subject to conditions. Continue program, on condition that a plan for enhancing program performance be approved by GMU’s Board of Visitors no later than June 1, 2015, If a plan is not submitted, or if it is determined by Council to be insufficient to restore the program to viability, the program shall be closed.	Mason has informed SCHEV that the program is currently inactive, pending determination of how best to restructure the program to make it viable. The Board-approved plan for the program should address all relevant timelines for restructuring/reactivation of the program.
GMU	Bachelor, Latin American Studies	Continue Interdisciplinary; shares courses with other programs; plans to bolster performance	Continue, subject to conditions. Continue program, on condition that a plan for enhancing program performance be approved by GMU’s Board of Visitors no later than June 1, 2015, If a plan is not submitted, or if it is determined by Council to be insufficient to restore the program to viability, the program shall be closed	The Board-approved plan for the program should address the specific strategies to be used in enhancing the viability of the program and demonstrate how those strategies will reverse the trend of enrollment decline in the program. It should include enrollment and degree projections, which should at least demonstrate that the program will meet the goals articulated by the original program proposal (approved in March 2005), which was to have 34 enrolled students and 8 graduates per year by 2011.
GMU	Bachelor, Religious Studies	Continue Mission; supports GenEd programs; plans to bolster performance	Continue	<ul style="list-style-type: none"> Mission centrality. Courses contribute to overall curriculum in College of Humanities and Science. New chair and new faculty
GMU	Doctoral, Sociology	Continue	Continue	<ul style="list-style-type: none"> Program was initiated in 2008, so has not been in existence long enough to meet the five-year average standard. Plans change requirements to reduce time to degree.

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GMU	Master, Art History	Continue Plans to bolster performance; Other – trending upward.	Continue	<ul style="list-style-type: none"> Program was initiated in 2006, so has not been in existence long enough to meet the five-year average standard. Exceeded graduation standards in 2011-12 and 2012-13.
GMU	Master, Dance	Continue Mission; unique need; Other – consistently produced successful candidates; small size contributes to success – invitation only, one-on-one mentorship	Close	<ol style="list-style-type: none"> Enrollment and graduates have swindled to a non-viable level. Institution has indicated that it is exploring combining the Dance Masters with other MFA programs, making each discipline a concentration within the MFA rather than a free-standing program, which may provide a viable option for maintaining the program.
GMU	Master, Bioinformatics Management	Continue Interdisciplinary; shares courses with other programs; unique need.	Continue	<ul style="list-style-type: none"> Enhanced marketing efforts to bolster enrollment.
GMU	Master, Epidemiology and Biostatistics	Close	Close	
GMU	Doctoral, Physical Science	Close	Close	
GMU	Bachelor, Astronomy	Continue Interdisciplinary; shares courses with other programs; unique need.	Continue	<ul style="list-style-type: none"> Program is interdisciplinary – courses support BS Physics and general education programs. Astronomy is a central science discipline.
GMU	Doctoral, Information Technology	Close	Close	
GMU	Bachelor, Electronic and Communication Engineering	Close	Close	
GMU	Bachelor, Global and Environmental Change	Continue Interdisciplinary; shares courses with other programs; plans to bolster performance	Continue	<ul style="list-style-type: none"> Program is interdisciplinary – shares courses with 12 departments. Planned modifications are projected to increase enrollment.
GMU	Master, Senior Housing Administration	Close	Close	

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GMU	Master, Health Science	Close	Close	
JMU	Master, Mathematics	Continue Mission; demand; access; unique need; plans to bolster performance	Continue	<ul style="list-style-type: none"> • Mission centrality. • Change to fully online format is projected to increase enrollment and increase access in the region.
JMU	Master, Art	Continue Mission; courses support Gen Ed programs; shares courses; access; unique need; performed well in external reviews; plans to bolster; other.	Continue	<ul style="list-style-type: none"> • Program supports general education. • Program shares courses with other similar programs. • Unique to Virginia. • Institution is planning to improve promotion and outreach to meet target enrollments.
LU	Master, Business Administration	Continue Mission; access; unique need; good external reviews; plans to bolster performance	Continue, subject to condition. Continue program, on condition that a plan for enhancing program performance be approved by LU's Board of Visitors no later than June 1, 2015. If a plan is not submitted, or if it is determined by Council to be insufficient to restore the program to viability, the program shall be closed.	The Board-approved plan for the program should address the specific strategies to be used in enhancing the viability of the program. It should include enrollment and degree projections, which should at least demonstrate that the program will meet the goals articulated by the original program proposal (approved in 2006) to have 40 FTE enrolled students and 16 graduates per year.
LU	Bachelor, Economics	Continue Mission; supports other programs; shares courses; access; unique need; plans to bolster performance	Continue	<ul style="list-style-type: none"> • Mission centrality • Courses support general education. • Program shares courses with similar programs.
LU	Master, Sociology	Continue Mission; access; unique need; plans to bolster performance	Continue	<ul style="list-style-type: none"> • Institution plans to bolster enrollment, with program modifications and enhanced marketing efforts. • Productivity standard for graduates projected to be met by 2016-17.
LU	Bachelor, Modern Languages	Continue Mission; supports other	Continue	<ul style="list-style-type: none"> • Mission centrality. • Courses support general education programs.

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		programs; interdisciplinary; demand; access; plans to bolster performance		<ul style="list-style-type: none"> Program graduates with a teaching license are 100% employed.
NSU	Doctoral, Social Work	Continue Mission; access; unique need	Continue	<ul style="list-style-type: none"> Mission centrality Provides access to underrepresented populations. Program is unique in Virginia. High employment demand for diverse faculty in Schools of Social Work.
NSU	Master, Applied Sociology (Joint w/ ODU)	Close	Close	
NSU	Master, Teaching	Close	Close	
NSU	Master, Severe Disabilities	Continue Mission; demand; access; unique need;	Continue	<ul style="list-style-type: none"> Program meets a unique need and responds to employment demand for special education teachers. Very close to meeting graduation standard.
NSU	Bachelor, Business Education	Close	Close	
NSU	Master, Pre-Elementary Education	Continue Mission; demand; access; unique need	Continue	<ul style="list-style-type: none"> Program meets a unique need and responds to employment demand for special education teachers.
NSU	Master, Music	Continue Other – supports terminal options for 3 concentrations.	Continue	<ul style="list-style-type: none"> Program meets unique need. Very close to graduation standard Department has an outreach plan to bolster enrollment.
NSU	Master, Materials Science	Continue Demand; plans to bolster performance; other	Continue	<ul style="list-style-type: none"> Program met the graduation standard last year. Program is interdisciplinary
NSU	Doctoral, Materials Science and Engineering	Continue Demand; plans to bolster performance; other	Continue	<ul style="list-style-type: none"> Graduates very close to standard. Program is interdisciplinary.
NSU	Bachelor, Building Construction Technology	Continue Mission; demand; unique need	Continue	<ul style="list-style-type: none"> Program is unique in Virginia. Strong employer demand. Large percentage of under-represented groups enrolled. Enrollment and graduates are very close to the standard.
NSU	Bachelor, Optical	Continue	Continue	<ul style="list-style-type: none"> Program is unique in Virginia.

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	Engineering	Mission; shares courses; demand; access; unique need; Other		<ul style="list-style-type: none"> • Shares substantial number of courses with other similar programs. • Employer, IP demand is high for photonics-based technologies.
NSU	Master, Optical Engineering	Continue Mission; shares courses; demand; access; unique need; Other	Close	Institution will incorporate optical into the MS Electronics Engineering program
NSU	Bachelor, Physics	Continue Mission; supports other programs; shares courses; demand; access; unique need	Continue	<ul style="list-style-type: none"> • Program courses support general education requirements. • Shares substantial courses with other similar programs. • Program provides access to underserved population.
ODU	Bachelor, Asian Studies	Continue Interdisciplinary; shares courses; unique need	Continue	<ul style="list-style-type: none"> • Program is unique in Virginia. • Program is completely interdisciplinary.
ODU	Bachelor, Economics	Continue Shares courses; Other	Continue	<ul style="list-style-type: none"> • Program shares substantial courses with other similar programs.
ODU	Master, Applied Sociology	Continue Good external reviews; plans to bolster performance	Continue	<ul style="list-style-type: none"> • Program is very close to graduate standard. • The institution will also explore better recruitment strategies, promote experiential learning opportunities, and expand marketing efforts.
ODU	Bachelor, Women's Studies	Continue Supports other programs; interdisciplinary; shares courses	Continue	<ul style="list-style-type: none"> • Program is interdisciplinary.
ODU	Bachelor, Acting	Close	Close	
ODU	Bachelor, Chemistry	Continue Supports other programs; demand; good external reviews; plans to bolster performance	Continue	<ul style="list-style-type: none"> • Program courses support general education program. • Program shares courses with other programs. • Department is exploring better recruitment strategies.
ODU	Master, Chemistry	Continue Shares courses; demand; plans to bolster performance	Continue	<ul style="list-style-type: none"> • Shares substantial courses with the Ph.D program, which has high enrollments. • Department has plans to enhance enrollment.

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ODU	Master, Physical Therapy	Close	Close	
RU	Bachelor, Geography	Close	Close	
RU	Bachelor, Philosophy and Religious Studies	Continue Mission; courses support general education; Plans to bolster performance	Continue	<ul style="list-style-type: none"> • Program shares substantial courses with similar program. • The institution has plans to bolster enrollment. • Projected to meet or exceed standards by the next review.
RU	Doctoral, Counseling	Continue Mission; shares courses with other programs; demand; access; unique need; performed well in external reviews; plans to bolster performance; Other – still young – started in 2008.	Continue	<ul style="list-style-type: none"> • The first cohort began in 2008, and there have not been 5 years of graduates. The program met the standard with 3 graduates in 2013. • Program shares a substantial number of courses with other programs. • Program provides access to underserved geographical area.
UMW	Bachelor, American Studies	Close	Close	
UMW	Bachelor, Physics	Continue Mission; supports other programs; access; other	Continue	<ul style="list-style-type: none"> • Physics supports mission and courses support general education program. • Program provides access to underserved population (35% of graduates are women).
UVA	Master, Asian Studies	Continue Interdisciplinary; plans to bolster performance	Continue	<ul style="list-style-type: none"> • Program is interdisciplinary • Recent expansion of coursework and program changes have attracted more applicants and increased capacity. • Increased financial aid will attract applicants.
UVA	Master, Government	Continue Demand; Other	Continue	<ul style="list-style-type: none"> • Program is incidental to the Ph.D program. • Graduate programs occupy a relatively minimal portion of faculty teaching effort.
UVA	Master, Philosophy	Continue Demand; Other	Continue	<ul style="list-style-type: none"> • Program is incidental to the Ph.D program. • Graduate programs occupy a relatively minimal portion of faculty teaching effort.
UVA	Master, Linguistics	Continue Interdisciplinary; demand; unique need	Continue	<ul style="list-style-type: none"> • Program is interdepartmental and interdisciplinary. • Successful placement of graduates into Ph.D programs and employment. • Program is unique in Virginia.
UVA	Bachelor, Architectural	Continue	Continue	<ul style="list-style-type: none"> • Mission centrality.

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	History	Mission; courses support other programs; unique need		<ul style="list-style-type: none"> • Program supports general education. • Program is unique in Virginia.
UVA	Master, Digital Humanities	Close	Close	
UVA	Master, Classics	Continue Mission; demand; unique need; other	Continue	<ul style="list-style-type: none"> • Mission centrality • Program is incidental to the Ph.D program. • Graduate programs occupy a relatively minimal portion of faculty teaching effort. • Program is unique in Virginia.
UVA	Doctoral, Classics	Continue Mission; demand; unique need; other	Continue	<ul style="list-style-type: none"> • Mission centrality • High quality of students and faculty. • Program is unique in Virginia. • Graduate programs occupy a relatively minimal portion of faculty teaching effort.
UVA	Bachelor, German	Continue	Continue Mission; courses support other programs	<ul style="list-style-type: none"> • Mission centrality • Programs courses support general education courses.
UVA	Master, German	Continue	Continue	<ul style="list-style-type: none"> • No new students will be admitted to the program in 2014-15 and possibly the future. • The Graduate School of Arts and Sciences and the Department of Germanic Languages and Literatures are considering options for a reinvented program.
UVA	Doctoral, German	Continue	Continue, subject to condition. Continue program, on condition that a plan for enhancing program performance be approved by UVA's Board of Visitors no later than June 1, 2015. If a plan is not submitted, or if it is determined by Council to be insufficient to restore the program to viability, the program shall be closed.	<ul style="list-style-type: none"> • The Board-approved plan for the program should address the specific strategies to be used in enhancing the viability of the program.
UVA	Bachelor, Italian	Continue	Continue	<ul style="list-style-type: none"> • Mission centrality

<i>Institution</i>	<i>Award Level and Title</i>	<i>Institution Request and Justification</i>	<i>Staff Recommendation</i>	<i>Notes</i>
		Mission; courses support other programs; unique need; plans to bolster performance		<ul style="list-style-type: none"> • Programs courses support general education courses. • Program is unique in Virginia. • Revised curriculum has led to increase in degrees conferred over the past three years.
UVA	Master, Italian	Continue Other	Continue	<ul style="list-style-type: none"> • The University will not fund new entrants into the program. • The Department of Spanish, Italian, and Portuguese is considering plans to bolster program viability.
UVA	Master, Music	Continue Demand; Other	Continue	<ul style="list-style-type: none"> • Program is incidental to the PhD program. • Demand for the Ph.D program is strong. • Graduate programs occupy a relatively minimal portion of faculty teaching effort.
UVA	Master, Slavic Languages and Literature	Continue Demand; unique need	Continue	<ul style="list-style-type: none"> • Program is unique in Virginia. • Students are of high caliber and have good employment opportunities after graduation.
UVA	Doctoral, Slavic Languages and Literature	Continue Demand; unique need	Continue, subject to condition. Continue program, on condition that a plan for enhancing program performance be approved by UVA's Board of Visitors no later than June 1, 2015. If a plan is not submitted, or if it is determined by Council to be insufficient to restore the program to viability, the program shall be closed.	<ul style="list-style-type: none"> • The Board-approved plan for the program should address the specific strategies to be used in enhancing the viability of the program.
UVA	Bachelor, Astronomy	Continue Courses support other programs; demand; unique need; performed well in external reviews	Continue	<ul style="list-style-type: none"> • Program courses support general education. • The National Radio Astronomy Observatory (NRAO) is headquartered on the grounds.
UVAW	Bachelor, Management Information Systems	Continue Interdisciplinary	Continue	<ul style="list-style-type: none"> • Program is interdisciplinary. • Institution is doing more targeted marketing to attract qualified students.

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UVAW	Bachelor, Mathematics	Continue Mission, courses support grad programs, courses shared	Continue	<ul style="list-style-type: none"> • Mission centrality. • UVAW is the only public higher education source for Mathematics teachers in the Southwest region. • Program courses support general education.
UVAW	Bachelor, Computer Science	Continue Courses shared, unique need, plans to bolster performance	Continue	<ul style="list-style-type: none"> • Program shares a substantial number of courses with other similar programs. • Graduates successful in securing employment. • The College has an array of initiatives to recruit qualified students.
UVAW	Bachelor, Software Engineering	Continue Courses shared, unique need, plans to bolster performance	Continue	<ul style="list-style-type: none"> • Program shares a substantial number of courses with other similar programs. • Virginia's only ABET-accredited undergraduate software engineering program. • Successful employment of graduates. • The College has an array of initiatives to recruit qualified students.
VCU	Master, Taxation	Close	Close	
VCU	Bachelor, African American Studies	Continue Mission; interdisciplinary; access; plans to bolster performance	Continue	<ul style="list-style-type: none"> • Program is highly interdisciplinary. • Provides access to underserved population. • Institution has dedicated new resources to the program and enrolled majors have doubled since 2012.
VCU	Master, Economics	Continue Shares courses; plans to bolster performance.	Continue	<ul style="list-style-type: none"> • Program shares a substantial number of courses with other programs. • A new specialization in health economics is expected to increase enrollments to meet the standards.
VCU	Bachelor, Financial Technology	Continue Plans to bolster performance	Continue	<ul style="list-style-type: none"> • Beginning to see impact of increased commitment to the program; the program is trending to higher enrollment and graduation rates.
VCU	Bachelor, Recreation, Parks and Sport Management	Close	Close	
VCU	Master, Music	Continue Access; unique need; plans to bolster performance; other	Continue	<ul style="list-style-type: none"> • Unique program, designed to accommodate working teachers. • Institution has plans to bolster performance by focusing

<i>Institution</i>	<i>Award Level and Title</i>	<i>Institution Request and Justification</i>	<i>Staff Recommendation</i>	<i>Notes</i>
				strategically on enrollment management.
VCU	Master, Biostatistics	Continue Shares courses with other programs; unique need, plans to bolster performance	Continue	<ul style="list-style-type: none"> • Program shares a substantial number of courses with other programs. • The program is unique in Virginia. • The department plans to increase the number of M.S. degrees by offering the opportunity to earn an M.S. while working toward the Ph.D.
VCU	Doctoral, Epidemiology	Continue Shares courses; unique need; plans to bolster performance; other	Continue	<ul style="list-style-type: none"> • Program shares a substantial number of courses with other programs. • Program is unique in Virginia.
VCU	Master, Athletic Training	Close	Close	
VMI	Bachelor, Applied Mathematics	Continue Mission; courses support other programs; performed well in external reviews; plans to bolster performance	Continue	<ul style="list-style-type: none"> • Mission centrality. • The program performed well in external reviews. • Plans to bolster enrollment, including engagement with K-12 and changing the admissions process to weight choice of major.
VMI	Bachelor, Computer Science	Continue	Continue	<ul style="list-style-type: none"> • Mission centrality. • Program provides service to other degree programs. • The institution has plans to bolster enrollment, including changing the admissions process to weight choice of major.
VMI	Bachelor, Physics	Continue Mission; courses support other programs; performed well in external reviews; plans to bolster performance	Continue	<ul style="list-style-type: none"> • Mission centrality. • The program provides service to the three ABET accredited engineering programs by offering general physics with lab taken by all engineering students. • Program performed well in external reviews, • The institution has plans to bolster enrollment, including a five year commitment to host the Virginia State Engineering and Science Fair.
VSU	Master, Criminal Justice	Continue Plans to bolster performance	Continue	<ul style="list-style-type: none"> • Institution is planning a number of initiatives to bolster enrollment including more targeted recruitment and program enhancements. • Program is trending toward the standards.
VSU	Bachelor, Economics and	Continue	Continue	<ul style="list-style-type: none"> • Institution is planning a number of initiatives to bolster

<i>Institution</i>	<i>Award Level and Title</i>	<i>Institution Request and Justification</i>	<i>Staff Recommendation</i>	<i>Notes</i>
	Finance	Plans to bolster performance		enrollment including more targeted recruitment and development of online courses.
VSU	Master, History	Continue Mission; access; plans to bolster performance	Close	<ul style="list-style-type: none"> The institution has informed SCHEV of plans to discontinue the program as it is in the process of exploring a multidisciplinary program which will utilize the resources from a variety of programs in the Humanities and Social Sciences.
VSU	Master, Interdisciplinary Studies	Continue Interdisciplinary; unique need	Continue	<ul style="list-style-type: none"> Interdisciplinary – utilizes courses from various programs to provide a degree program that can be tailored to students' needs.
VSU	Bachelor, Public Administration	Close	Close	
VSU	Bachelor, Social Work	Continue Mission; demand; access	Continue	<ul style="list-style-type: none"> Faculty and students serve urban and rural populations-at-risk in central Virginia. BLS projects employment of social workers will grow 19% from 2012 to 2022.
VSU	Bachelor, Administrative Systems Mgmt	Close	Close	
VSU	Master, English	Continue Mission; access; unique need; plans to bolster performance	Close	<ul style="list-style-type: none"> The institution has informed SCHEV of plans to discontinue the program as it is in the process of exploring a multidisciplinary program which will utilize the resources from a variety of programs in the Humanities and Social Sciences.
VSU	Bachelor, Industrial and Technology Education	Close	Close	
VSU	Master, Mathematics	Continue Other – Math education was revised to be part of MS in math. Is in 4 th year of extension approved by SCHEV	Continue, subject to condition. Continue program, on condition that a plan for enhancing program performance be approved by VSU's Board of Visitors no later than June 1, 2015. If a plan is not submitted, or if it is determined by Council to be insufficient to restore the	

<i>Institution</i>	<i>Award Level and Title</i>	<i>Institution Request and Justification</i>	<i>Staff Recommendation</i>	<i>Notes</i>
			program to viability, the program shall be closed.	
VSU	Master, Plant Science	Close	Close	
VSU	Master, Computer Science	Continue	Continue	<ul style="list-style-type: none"> • Program helps fill need for computer science graduates from under-represented groups. • Institution is implementing plans to bolster enrollment and graduation.
VSU	Bachelor, Engineering Technology	Close	Close	
VSU	Bachelor, Physics	Close	Close	
VT	Doctoral, Social, Political, Ethical and Cultural Thought	Continue Interdisciplinary	Continue	<ul style="list-style-type: none"> • Program is interdisciplinary. • Headcount enrollment is strong.
VT	Doctoral, Geospatial and Environmental Analysis	Continue Interdisciplinary; unique; plans to bolster performance	Continue	<ul style="list-style-type: none"> • Program is interdisciplinary. • Steady growth in enrollment since inception in 2009. • Additional faculty members have been added, which will increase capacity to recruit and support students.
VT	Master, Hospitality and Tourism	Close	Close	
VT	Doctoral, Hospitality and Tourism	Close	Close	
VT	Bachelor, Humanities, Science and Environment	Close	Close	
VT	Doctoral, Rhetoric and Writing	Continue Other – data resolution; slow start to program	Continue	<ul style="list-style-type: none"> • Program was just approved in 2009 and had a slow launch, but now has an upward trend towards the standards. Degree production did not begin until 2010/11.
VT	Master, Dairy Science	Close	Close	
VT	Master, Foreign Language, Culture	Continue Plans to bolster performance	Continue	<ul style="list-style-type: none"> • Program is unique in Virginia. • Institution has plans to bolster enrollments, including redesign of the program, increased marketing and summer course offerings.
VT	Master, Horticulture	Close	Close	

<i>Institution</i>	<i>Award Level and Title</i>	<i>Institution Request and Justification</i>	<i>Staff Recommendation</i>	<i>Notes</i>
VT	Master, Theater Arts	Continue Plans to bolster performance	Continue	<ul style="list-style-type: none"> • Institution notes successful employment of graduates. • Institution has plans to bolster enrollment, including active and targeted recruiting and reducing time to graduation.

Table 2: VCCS Report on Program Productivity Review 2013/14

Programs to be Discontinued

<i>College</i>	<i>Award Level and Title</i>
DSLCC	AAS, Computer Electronics Technology
ESCC	AAS, Radiography
JSRCC	AAS, Computer Electronics Technology
JSRCC	AAA, Visual and Performing Arts-Music
JSRCC	AAS, Paraprofessional Education
JSRCC	AAS, Technical Studies
NVCC	AAS, Technical Studies
SWCC	AAS, Computer Aided Drafting and Design
TNCC	AAS, Fire Science
TNCC	AAS, Opticianry
VHCC	AAS, Energy Technology
VWCC	AAs, Construction Technology
VWCC	AAS, Mental Health
WCC	AAS, Computer Aided Drafting and Design
WCC	AAS, Computer Electronics Technology

Programs to be Continued

<i>College</i>	<i>Award Level and Title</i>
DCC	AAS, General Engineering Technology
ESCC	AAS, Information Systems Technology
PHCC	AAS, Paralegal Studies
VHCC	AAS, Horticulture
VHCC	AAS, Machine Technology
DSLCC	AAS, Technical Studies
LFCC	AAS, Emergency Medical Services
PVCC	AAS, Technical Studies
RCC	AAS, Technical Studies
SSVCC	AAS, Technical Studies
SWCC	AAS, Environmental Management
SWCC	AAS, Mining
SWCC	AAS, Technical Studies
VHCC	AAS, Technical Studies
WCC	AAS, Technical Studies