



MHEC

MARYLAND HIGHER EDUCATION COMMISSION

**PROGRAM DUPLICATION/
PROLIFERATION REPORT:**

**2013 COLLEGIATE
PROGRAM ACTIONS BY THE
MARYLAND HIGHER
EDUCATION COMMISSION**

MSAR #2387

July 2014

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EXECUTIVE SUMMARY

In accordance with § 11-206.1, this report addresses the issue of program duplication and proliferation among collegiate program approvals granted by the Maryland Higher Education Commission (MHEC) in 2013. Specifically, MHEC is required to:

- (1) Monitor the program development and review process established under this section;
- (2) Report annually to the Governor and, in accordance with § 2-1246 of the State Government Article, the General Assembly on the nature and extent of any duplication or proliferation of programs; and
- (3) Make available a copy of the report under item (2) of this subsection to the public institutions of higher education and the private nonprofit institutions of higher education.

This report is divided into six sections. Section I includes a summary of all MHEC program proposal actions taken in 2013, including the approval of new degree programs, certificate programs, and areas of concentration at both in-state and out-of-state institutions. It also includes the acknowledgment of new institutional partnership agreements and the approval of existing programs approved for off-site delivery. Finally, it includes the number of discontinued programs, program proposals withdrawn, and program proposals not approved or recommended.

Section II provides an analysis of new degree programs approved for offering by Maryland in-state colleges and universities at the associate's, bachelor's, master's, and doctoral levels. It includes an indication of whether at least one program of a similar nature is already offered at a Maryland in-state institution. A summary of the MHEC staff analysis process for duplication and proliferation is included, citing the applicable COMAR regulations. Section III contains a similar analysis for certificate programs, Section IV for areas of concentration, and Section V for academic programs from out-of-state institutions that were newly authorized to be offered in Maryland. Section VI provides a summary analysis of those programs that were not approved or recommended for implementation by MHEC in 2013.

In 2013, 40 of 166 (24%) newly approved in-state and out-of-state degree and certificate programs were determined by MHEC to be completely unique and not previously offered in Maryland. The remaining 126 degree and certificate programs were already offered by at least one in-state college or university, but were determined to meet the standards for reasonable duplication.

SECTION I

2013 MHEC COLLEGIATE PROGRAM ACTIONS SUMMARY

New Degree Programs:	28	at independent colleges and universities
	26	at public four-year colleges and universities
	10	at public community colleges
New Certificate Programs:	26	at independent colleges and universities
	18	at public four-year colleges and universities
	9	at public community colleges
New Areas of Concentration:	5	at independent colleges and universities
	8	at public four-year colleges and universities
Out-of State Institutions:	48	new programs at out-of-state institutions
	59	program renewals at out-of-state institutions
	3	military exemptions
Institutional Program Partnerships:	16	new partnership agreements
Off-Campus Program Site Delivery:	2	at independent colleges and universities
	2	at public four-year colleges and universities
Proposals Withdrawn:	12	proposals
Programs Discontinued:	12	at independent colleges and universities
	30	at public four-year colleges and universities
	15	at public community colleges
Proposals Not Approved/Recommended:	7	proposals
Total Program Proposal Actions:	336	

SECTION II

ANALYSIS OF NEW DEGREE PROGRAMS OFFERED BY MARYLAND COLLEGES AND UNIVERSITIES

In 2013, a total of 64 new degree programs at in-state institutions were either approved (applies to public institutions) or recommended for implementation (applies to independent institutions) by MHEC. By segment, 28 of these programs were recommended for independent colleges and universities, 26 approved for public four-year colleges and universities, and 10 approved for public community colleges. They are listed alphabetically by degree type below, with the institution and approval or recommendation date listed in the parentheses.

Those programs marked with an asterisk (*) below represent new MHEC approvals or recommended implementations for substantial modifications to existing degree programs, which required full approval by MHEC due to more than 33% of the original degree program being modified, or due to the original degree program being newly offered through distance education. These latter programs are excluded from the summary analysis at the end of this section, which includes only those degrees which were entirely new to each institution.

Associate's Degrees

Program Title, Institution, and Approval/Recommendation Date	Offered Elsewhere in Maryland
Associate of Applied Science in Child Care Professional (Allegany College of Maryland, 08-28-13)	Y
Associate of Applied Science in Cybersecurity (Hagerstown Community College, 01-22-13)	Y
Associate of Applied Science in Health Information Management (College of Southern Maryland, 01-07-13)	Y
Associate of Applied Science in Medical Assisting (Prince George's Community College, 09-25-13)	Y
Associate of Applied Science in Radiologic Technology (Washington Adventist University, 10-09-13)	Y
Associate of Arts in General Studies: Media Studies (College of Southern Maryland, 01-07-13)	N
Associate of Science in Cybersecurity (Hagerstown Community College, 01-22-13)	Y
Associate of Science in Engineering in Computer Engineering (Community College of Baltimore County, 09-17-13)	Y
Associate of Science in Engineering in Electrical Engineering (Community College of Baltimore County, 10-29-13)	Y
Associate of Science in Engineering in Electrical Engineering (Baltimore City Community College, 08-28-13)	Y
Associate of Science in Legal Studies (College of Southern Maryland, 01-07-13)	Y

Bachelor's Degrees

Program Title, Institution, and Approval/Recommendation Date	Offered Elsewhere in Maryland
Bachelor of Arts in Global Studies (University of Maryland, Baltimore County, 02-26-13)	Y
Bachelor of Arts in Integrated Marketing Communication (Hood College, 07-24-13)	Y
Bachelor of Arts in Jazz and Popular Music (University of Maryland Eastern Shore, 12-06-13)	N
Bachelor of Arts in Labor Politics and Policy (National Labor College, 09-25-13)	N
Bachelor of Arts in Studio Art (St. Mary's College of Maryland, 12-17-13)	Y
Bachelor of Science in Architecture and Environmental Design to Master of Landscape Architecture (3 + 2) (Morgan State University, 09-30-13)*	N
Bachelor of Science in Architecture and Environmental Design to Master of City and Regional Planning (3 + 2) (Morgan State University, 09-30-13)*	N
Bachelor of Science in Biochemistry (Stevenson University, 03-29-13)	Y
Bachelor of Science in Business Economics (Salisbury University, 08-19-13)	Y
Bachelor of Science in Digital Marketing (Stevenson University, 09-20-13)	Y
Bachelor of Science in Elementary and Middle School Dual Certification (Frostburg State University, 06-18-13)	Y
Bachelor of Science in Environmental Science (Stevenson University, 03-29-13)	Y
Bachelor of Science in Environmental Science (Washington College, 11-26-13)	Y
Bachelor of Science in Exercise Science (Salisbury University, 06-04-13)	Y
Bachelor of Science in Finance (University of Maryland Eastern Shore, 09-24-13)	Y
Bachelor of Science in Health Science (Washington Adventist University, 11-26-13)	Y
Bachelor of Science in Health Sciences (Mount St. Mary's University, 12-18-13)	Y
Bachelor of Science in Health Service Management (University of Maryland University College, 04-23-13)	Y
Bachelor of Science in International Business (Salisbury University, 07-08-13)	Y
Bachelor of Science in Multimedia Journalism (Morgan State University, 12-06-13)	Y
Bachelor of Science in Nursing (University of Maryland University College, 05-10-13)	Y
Bachelor of Science in Public Safety Administration (University of Maryland University College, 05-23-13)	N

Program Title, Institution, and Approval/Recommendation Date	Offered Elsewhere in Maryland
Bachelor of Science in Theatre and Media Performance (Stevenson University, 09-12-13)	N

Master's Degrees

Program Title, Institution, and Approval/Recommendation Date	Offered Elsewhere in Maryland
Master of Arts in Emerging Media (Loyola University Maryland, 01-31-13)	N
Master of Arts in Environmental Studies (Goucher College, 12-09-13)	Y
Master of Arts in Health Promotion (Maryland University of Integrative Health, 04-12-13)	N
Master of Arts in International Economics and Finance (Johns Hopkins University, 10-29-13)	Y
Master of Arts in Leadership in Jewish Education and Communal Service (Towson University, 09-17-13)	N
Master of Arts in Management (Goucher College, 12-09-13)	Y
Master of Arts in Teaching-Secondary Biology, Chemistry, Mathematics (Stevenson University, 03-29-13)	Y
Master of Business Administration (University of Maryland, College Park, 06-07-13)*	Y
Master of Finance (University of Maryland, College Park, 09-04-13)	Y
Master of Fine Arts in Digital Arts (Goucher College, 12-09-13)	Y
Master of Science in Cybersecurity (Johns Hopkins University, 11-13-13)*	Y
Master of Science in Data Analytics (University of Maryland University College, 04-23-13)	Y
Master of Science in Engineering in Robotics (Johns Hopkins University, 01-25-13)	Y
Master of Science in Enterprise Risk Management (Johns Hopkins University, 06-14-13)	Y
Master of Science in Environmental Engineering and Science (Johns Hopkins University, 04-04-13)	Y
Master of Science in Forensic Science–Forensic Accounting (University of Baltimore, 08-28-13)	N
Master of Science in Forensic Science–High Technology Crime (University of Baltimore, 02-28-13)	Y
Master of Science in Government Analytics (Johns Hopkins University, 11-20-13)	N
Master of Science in Health Science (University of Maryland, Baltimore, 11-29-13)	Y
Master of Science in Healthcare Management (Johns Hopkins University, 06-14-13)	N

Program Title, Institution, and Approval/Recommendation Date	Offered Elsewhere in Maryland
Master of Science in Information Systems Engineering (Johns Hopkins University, 09-20-13)	Y
Master of Science in Nonprofit Management and Social Entrepreneurship (University of Baltimore, 05-31-13)	Y
Master of Science in Pharmacometrics (University of Maryland, Baltimore, 11-12-13)	N
Master of Science in Regulatory Sciences (University of Maryland, Baltimore 03-07-13)	Y
Master of Science in Research Administration (Johns Hopkins University, 09-04-13)	N
Master of Science in Yoga Therapy (Maryland University of Integrative Health, 06-07-13)	N

Doctoral/Professional Degrees

Program Title, Institution, and Approval/Recommendation Date	Offered Elsewhere in Maryland
Doctor of Education (Johns Hopkins University, 05-31-13)	Y
Doctor of Education in Contemporary Curriculum Theory and Instruction: Literacy (Salisbury University, 06-04-13)	N
Doctor of Philosophy in Education (Johns Hopkins University, 01-13-13)	Y
Doctor of Philosophy in Organizational Leadership (University of Maryland Eastern Shore, 09-24-13)	N

Summary of New Degree Programs in 2013 by Discipline Type

	Associate's Degrees	Bachelor's Degrees	Master's Degrees	Doctoral/Professional Degrees
Analytics			2	
Biochemistry		1		
Business/Management/Finance/Economics		3	6	1
Communication/Media/Marketing	1	3	1	
Cybersecurity	2			
Education	1	1	2	3
Engineering	3		2	
Environmental Science/Studies		3	2	
Exercise Science		1		
Fine Arts		3	1	
Forensics			2	
Health-Related	2	4	5	
Information Management	1			
International/Global		2	1	
Legal/Regulatory/Policy	1	2	2	
Total	11	23	26	4

MHEC Staff Analysis for Proliferation or Duplication

Of the 64 degree programs at in-state institutions that were approved or recommended for implementation by MHEC in 2013, 46 were already being offered by at least one other in-state college or university. In the tables above, those programs are marked with a “Y” in the column titled “Offered Elsewhere in Maryland.” In these cases, MHEC staff determined that such duplication was reasonable. The remaining 18 programs, marked with an “N” in the column titled “Offered Elsewhere in Maryland,” were determined to be unique programs that were not currently being offered at any other in-state college or university.

The Collegiate Unit in MHEC’s Division of Academic Affairs conducts reviews of program proposals submitted by both in-state and out-of-state institutions. The Collegiate Unit distributes each proposal to all in-state institutions for review and comment, and considers any comments or objections submitted during the review of the program proposals. In-state program proposal reviews are governed by COMAR 13B.02.03.06 and use the following criteria:

- Centrality to institutional mission statement and planning priorities
- Critical and compelling regional or Statewide need as identified in the State Plan
- Quantifiable and reliable evidence and documentation of market supply and demand in the region and service area
- Reasonableness of program duplication, if any
- Relevance to the implementation or maintenance of high-demand programs at HBIs
- Relevance to the support of the uniqueness and institutional identities and missions of HBIs
- Adequacy of curriculum design and delivery to related learning outcomes
- Adequacy of faculty resources
- Adequacy of library resources
- Adequacy of physical facilities, infrastructure, and instructional equipment
- Adequacy of financial resources
- Adequacy of provisions for evaluation of program
- Consistency with the Commission’s minority student achievement goals
- Relationship to low productivity programs identified by the Commission¹

When determining if proposed programs are duplicative of similar programs in the State and/or same geographic area, MHEC staff members conduct a Classification of Instructional Program Standard Occupational Code (CIP-SOC) analysis in order to establish a crosswalk between academic programs and relevant occupations. Every program approved by MHEC receives a CIP code to facilitate both state and federal reporting. CIP and SOC are databases managed by the U.S. Department of Education and Bureau of Labor Statistics, respectively. Further, data from the Maryland Department of Labor, Licensing, and Regulation (DLLR) are used to determine regional and statewide occupational demand projections, and MHEC’s Enrollment Trends (E-Trends) and Degree Trends (D-Trends) databases are reviewed to analyze the student and graduate supply pipelines for a given academic program.

¹ This consideration applies only to enrollment trends at in-state institutions.

In-state program proposals reviews are further governed by COMAR 13B.02.03.08 and COMAR 13B.02.03.09, which are regulations that address the need for proposed programs and duplication of proposed programs, respectively. These are included in the two tables below:

COMAR 13B.02.03.08: Need for the Proposed Program

A. A proposed program shall meet a critical and compelling regional or Statewide need as identified in the State Plan.

B. A program proposal shall clearly demonstrate demand and need for the program in terms of meeting present and future needs of the region and the State in general. Four kinds of needs may be identified:

- (1) The need for the advancement and evolution of knowledge;
- (2) Societal needs, including expanding educational opportunities and choices for minority and educationally disadvantaged students at institutions of higher education;
- (3) Occupational and professional needs relative to upgrading vocational/ technical skills or meeting job market requirements; and
- (4) The need to strengthen and expand the capacity of historically black institutions to provide high quality and unique educational programs.

C. The Commission recognizes and supports the tradition of liberal arts education and the need for programs that offer individual and societal benefits independent of manpower or market demand considerations. These programs provide immeasurable returns to the State in part by instilling in citizens a capacity for advanced learning and an understanding of the fundamentals of civilization.

D. Market Demand Data.

- (1) This section does not apply to programs in the liberal arts and sciences.
- (2) An institution proposing a new program shall present data projecting market demand and the availability of openings in the job market to be served by the new program. The types of information submitted vary, depending on the program, but may include manpower and employment projections prepared by the Maryland Department of Labor, Licensing, and Regulation, Bureau of Labor Statistics, Census Data, and the Maryland Department of Business and Economic Development as well as professional and trade associations.
- (3) An institution shall conduct market surveys that clearly provide quantifiable and reliable data from prospective employers on the educational and training needs and the anticipated number of vacancies expected over the next 5 years.
- (4) In assessing demand for a new program, an institution shall also present data showing the current and projected supply of prospective graduates.

E. Identification of Programs Having Market Demand.

- (1) The Commission shall identify, on a regular basis, programs that are in market demand in Maryland.
- (2) For each program identified, the Commission shall also provide an indication of minority participation rates, identifying those programs where minorities are underrepresented.
- (3) Institutions maintaining a role and mission appropriate and consistent with those fields declared as shortage areas are encouraged to develop specific programs.
- (4) Proposals submitted in response to a declared shortage area do not need to include additional documentation on market demand and supply data.

F. As an additional indicator of need, an institution shall clearly detail how program success will be defined and measured, particularly if the definition includes measures in addition to the conferral of a degree or certificate.

COMAR 13B.02.03.09 Duplication of the Proposed Program

A. The elimination of unreasonable program duplication is a high priority. Ordinarily, proposed programs in undergraduate core programs consisting of basic liberal arts and sciences disciplines are not considered unnecessarily duplicative. Unreasonable duplication is a more specific concern in vocational/technical, occupational, graduate, and professional programs which meet special manpower needs. The issue of how a proposed program meets an institution's local and State area needs shall be addressed.

B. Evidence demonstrating that a proposed program is not duplicative of similar offerings in the State shall be submitted by the institution. At a minimum, this evidence shall be substantiated on the basis that the proposed program to be offered is not unreasonably duplicative of existing programs in a specific geographically proximate location in the State.

C. Determination of Duplication.

(1) In determining whether a program is unreasonably duplicative, the Secretary shall consider:

- (a) The degree to be awarded;
- (b) The area of specialization;
- (c) The purpose or objectives of the program to be offered;
- (d) The specific academic content of the program;
- (e) Evidence of equivalent competencies of the proposed program in comparison to existing programs;
- (f) An analysis of the market demand for the program.

(2) The analysis shall include an examination of factors, including:

- (a) Role and mission;
- (b) Accessibility;
- (c) Alternative means of educational delivery including distance education;
- (d) Analysis of enrollment characteristics;
- (e) Residency requirements;
- (f) Admission requirements; and
- (g) Educational justification for the dual operation of programs broadly similar to unique or high-demand programs at HBIs.

SECTION III

ANALYSIS OF NEW CERTIFICATE PROGRAMS OFFERED BY MARYLAND COLLEGES AND UNIVERSITIES

In 2013, a total of 53 certificate programs at in-state institutions were approved or recommended for implementation by MHEC. By segment, 26 of these programs were recommended for independent colleges and universities, 18 approved for public four-year colleges and universities, and 9 approved for public community colleges. They are listed alphabetically by certificate level below, with the institution and approval or recommendation date listed in the parentheses.

Lower-Division Certificates

Program Title, Institution, and Approval/Recommendation Date	Offered Elsewhere in Maryland
Lower-Division Certificate in Advanced Internet Application Development (Anne Arundel Community College, 04-23-13)	N
Lower-Division Certificate in Cyber Technology (Anne Arundel Community College, 04-23-13)	Y
Lower-Division Certificate in Cybersecurity–Advanced Network Security (Hagerstown Community College, 01-22-13)	Y
Lower-Division Certificate in Cybersecurity–Cisco CCNA Prep (Hagerstown Community College, 01-22-13)	Y
Lower-Division Certificate in Cybersecurity–Network Security (Hagerstown Community College, 01-22-13)	Y
Lower-Division Certificate in Directed Technology for Corrections Professionals (Community College of Baltimore County, 06-21-13)	N
Lower-Division Certificate in Internet Application Development (Anne Arundel Community College, 04-23-13)	N
Lower-Division Certificate in Mechatronics Technology (Anne Arundel Community College, 07-22-13)	N
Lower-Division Certificate in Mobile Device Application (Anne Arundel Community College, 04-23-13)	N

Upper-Division Certificates

Program Title, Institution, and Approval/Recommendation Date	Offered Elsewhere in Maryland
Upper-Division Certificate in Acquisitions Management (Capitol College, 01-07-13)	N
Upper-Division Certificate in Arbitration and Grievance Handling (National Labor College, 04-04-13)	N
Upper-Division Certificate in Cyber Security (Washington Adventist University, 11-12-13)	Y
Upper-Division Certificate in Emergency Preparedness and Disaster Response (Washington Adventist University, 11-12-13)	Y
Upper-Division Certificate in Homeland Security (Washington Adventist University, 11-12-13)	Y

Program Title, Institution, and Approval/Recommendation Date	Offered Elsewhere in Maryland
Upper-Division Certificate in Project Management (Capitol College, 01-31-13)	Y
Upper-Division Certificate in Teaching English Language Learners (Loyola University Maryland, 01-22-13)	Y

Post-Baccalaureate Certificates

Program Title, Institution, and Approval/Recommendation Date	Offered Elsewhere in Maryland
Post-Baccalaureate Certificate in Achievement Motivation and Adolescent Self and Social Processes (University of Maryland, College Park, 05-31-13)	N
Post-Baccalaureate Certificate in Acquisitions Management (Capitol College, 01-07-13)	Y
Post-Baccalaureate Certificate in Adolescent Cognitive Development and Motivation to Read (University of Maryland, College Park, 05-31-13)	N
Post-Baccalaureate Certificate in Advanced Music Performance Studies (St. Mary's College of Maryland, 05-1-13)	Y
Post-Baccalaureate Certificate in Cyber Security (Morgan State University, 10-25-13)	Y
Post-Baccalaureate Certificate in Cybersecurity Engineering Core (SANS Technology Institute, 11-25-13)	Y
Post-Baccalaureate Certificate in Digital Curation (Johns Hopkins University, 07-08-13)	N
Post-Baccalaureate Certificate in Digital Forensics and Cyber Investigation (University of Maryland University College, 04-12-13)	Y
Post-Baccalaureate Certificate in Elementary STEM Education (Hood College, 04-12-13)	Y
Post-Baccalaureate Certificate in Foundations in Business Analytics (University of Maryland University College, 06-21-13)	Y
Post-Baccalaureate Certificate in Geographic Information Systems (Hood College, 05-28-13)	Y
Post-Baccalaureate Certificate in Government Analytics (Johns Hopkins University, 11-26-13)	N
Post-Baccalaureate Certificate in Government Contracting (Mount St. Mary's University, 09-30-13)	Y
Post-Baccalaureate Certificate in Herbal Studies (Maryland University of Integrative Health, 10-25-13)	N
Post-Baccalaureate Certificate in HIV Primary Care (Johns Hopkins University, 12-17-13)	N
Post-Baccalaureate Certificate in Incident Response (SANS Technology Institute, 11-25-13)	Y
Post-Baccalaureate Certificate in Information Systems Engineering (Johns Hopkins University, 11-13-13)	Y
Post-Baccalaureate Certificate in Medical Herbalism (Maryland University of Integrative Health, 11-26-13)	N

Program Title, Institution, and Approval/Recommendation Date	Offered Elsewhere in Maryland
Post-Baccalaureate Certificate in Music Performance Studies (St. Mary's College of Maryland, 04-04-13)	Y
Post-Baccalaureate Certificate in Nursing Informatics (University of Maryland, Baltimore, 01-11-13)	Y
Post-Baccalaureate Certificate in Penetration Testing and Ethical Hacking (SANS Technology Institute, 12-17-13)	N
Post-Baccalaureate Certificate in Policing Strategies (Coppin State University, 11-15-13)	N
Post-Baccalaureate Certificate in Predictive Analytics (University of Maryland University College, 06-21-13)	N
Post-Baccalaureate Certificate in Professional Studies (University of Maryland, Baltimore County, 05-31-13)	Y
Post-Baccalaureate Certificate in Project Management (Capitol College, 01-31-13)	Y
Post-Baccalaureate Certificate in Regulatory Affairs (University of Maryland University College, 05-07-13)	Y
Post-Baccalaureate Certificate in Research Ethics (University of Maryland, Baltimore, 07-08-13)	N
Post-Baccalaureate Certificate in Systems Engineering within the Master of Science in Information Technology (University of Maryland University College, 06-07-13)	Y
Post-Baccalaureate Certificate in Systems Engineering within the Master of Science in Technology Management (University of Maryland University College, 06-07-13)	Y

Post-Master Certificates

Program Title, Institution, and Approval/Recommendation Date	Offered Elsewhere in Maryland
Post-Master Certificate in Applied Behavior Analysis (Johns Hopkins University, 05-23-13)	N
Post-Master Certificate in Clinical Herbalism (Maryland University of Integrative Health, 11-26-13)	N
Post-Master Certificate in Cybersecurity (Johns Hopkins University, 07-01-13)	Y
Post-Master Certificate in Education Sciences (Johns Hopkins University, 12-17-13)	Y
Post-Master Certificate in Information Systems Engineering (Johns Hopkins University, 09-17-13)	Y
Post-Master Certificate in Nurse Educator (Bowie State University, 11-26-13)	Y
Post-Master Certificate in Nutrition and Integrative Health (Maryland University of Integrative Health, 11-25-13)	N

Certificates of Advanced Study

Program Title, Institution, and Approval/Recommendation Date	Offered Elsewhere in Maryland
Certificate of Advanced Study in Family Practice (Bowie State University, 12-17-13)	Y

MHEC Staff Analysis for Proliferation or Duplication

Of the 53 certificate programs at in-state institutions that were approved or recommended for implementation by MHEC in 2013, 32 were already being offered by at least one other in-state college or university. In the tables above, those programs are marked with a “Y” in the column titled “Offered Elsewhere in Maryland.” In these cases, MHEC staff determined that such duplication was reasonable. The remaining 21 programs, marked with an “N” in the column titled “Offered Elsewhere in Maryland,” were determined to be unique programs that were not currently being offered at any other in-state college or university.

As mentioned in Section I of this report, the Collegiate Unit in MHEC’s Division of Academic Affairs conducts reviews of program proposals submitted by both in-state and out-of-state colleges and universities. This includes new certificate programs. The proposal review for certificate programs is governed by COMAR 13B.02.03.06 and follows the same methodology outlined on page 8 of this report. The occasional exception to this process is a proposed certificate program in which the proposed curriculum already exists within an approved degree program. COMAR 13B.02.03.25D allows institutions to submit a truncated proposal for such programs, although MHEC staff still review the proposal to ensure that it (1) explains the centrality of the proposed certificate program to the mission of the institution; (2) provides evidence of the market demand for the proposed certificate program; (3) sets out the curriculum design; and (4) shows that adequate faculty resources exist for the proposed certificate program.

SECTION IV

ANALYSIS OF NEW AREAS OF CONCENTRATION OFFERED BY MARYLAND COLLEGES AND UNIVERSITIES

In 2013, a total of 13 Areas of Concentration at in-state institutions were approved or recommended for implementation by MHEC. All were approved within extant degree programs. Five of these programs were recommended for independent colleges and universities, and eight were approved for public four-year colleges and universities. They are listed alphabetically by degree level below, with the institution and approval or recommendation date listed in the parentheses.

COMAR considers the addition of an Area of Concentration as a “substantial modification” to an existing degree program rather than a new academic program. Areas of Concentration may also be proposed at the time a degree program is originally being approved. Consequently, they are reviewed in accordance with COMAR 13B.02.03.06. Areas of Concentration are only recognized for degrees at the bachelor’s, master’s, or doctoral levels, and not at the associate’s degree level.

Bachelor’s Degrees Areas of Concentration

- Entrepreneurship, Bachelor of Business Administration (Towson University, 06-17-13)
- Environmental Geosciences and Restoration (University of Maryland, College Park, 05-31-13)
- Legal Studies, Bachelor of Business Administration (Towson University, 06-17-13)
- Project Management and Business Analysis, Bachelor of Business Administration (Towson University, 06-17-13)

Master’s Degrees Areas of Concentration

- Alcohol and Drug Addiction, Master of Arts in Professional Counseling Psychology (Washington Adventist University, 09-30-13)
- Enterprise Risk Management, Master of Business Administration (Johns Hopkins University, 06-04-13)
- Health Coaching (Maryland University of Integrative Health, 04-12-13)
- Health Education and Integrative Health (Maryland University of Integrative Health, 04-12-13)
- Health Science Intensive, Master of Science in Biotechnology (Johns Hopkins University, 03-15-13)
- Public Health Practices and Policy, Master of Public Health (University of Maryland, College Park, 07-03-12)
- Regulatory Affairs (University of Maryland University College, 05-07-13)
- Systems Engineering, Master of Science in Information Technology (University of Maryland University College, 06-07-13)
- Systems Engineering, Master of Science in Technology Management (University of Maryland University College, 06-07-13)

SECTION V

ANALYSIS OF ALL NEW PROGRAMS OFFERED BY OUT-OF-STATE COLLEGES AND UNIVERSITIES

In 2013, a total of 48 academic programs from out-of-state institutions were granted authorization to operate in Maryland. These programs were required to gain authorization since they included instructional components offered on the ground in Maryland (either classroom-based or experiential components such as practica and internships). They are listed alphabetically by award type below, with the institution and authorization date listed in the parentheses. (Note: Also during 2013, a total of 59 academic programs from out-of-state institutions were renewed to continue their operations in Maryland. These programs are not included in the list below, since their initial approvals were prior to 2013).

The programs in the tables below do not include fully online programs from out-of-state institutions that were issued registration under the requirements of Education Article § 11-202.2 of the Annotated Code of Maryland and COMAR 13B.05.01. Program duplication is not a criterion that can be used to determine whether to issue registration to fully online out-of-state programs. In 2013, a total of 108 out-of-state institutions applied for registration in Maryland, including 28 initial applications and 80 renewal applications. MHEC issued registration to a total of 96 out-of-state institutions, which collectively registered 3,621 fully online academic programs. A current list of registered institutions can be found on MHEC's Web site at: https://www.mhec.state.md.us/higherEd/acadAff/OOS_Online/OOS_Online_Reg_List.asp.

Associate's Degrees

Program Title, Institution, and Authorization Date	Offered Elsewhere in Maryland
Associate of Science in General Studies (Lancaster Bible College, 01-21-13)	Y
Associate of Science in Biblical Studies (Lancaster Bible College, 01-21-13)	Y

Bachelor's Degrees

Program Title, Institution, and Authorization Date	Offered Elsewhere in Maryland
Bachelor of Science in Biblical Studies (Lancaster Bible College, 01-21-13)	Y
Bachelor of Science in General Studies (Lancaster Bible College, 01-21-13)	Y
Bachelor of Science in Interdisciplinary Studies (Walden University, 11-20-13)	Y
Bachelor of Science in Medical Laboratory Science (University of Cincinnati, 08-20-13)	Y

Master's Degrees

Program Title, Institution, and Authorization Date	Offered Elsewhere in Maryland
Master of Arts in Bible (Lancaster Bible College, 01-21-13)	Y
Master of Arts in Counseling (Messiah College, 08-01-13)	Y
Master of Arts in Discipleship (Lancaster Bible College, 01-21-13)	Y
Master of Arts in Higher Education (Messiah College, 08-01-13)	Y
Master of Arts in Ministry and Christian Counseling (Lancaster Bible College, 01-21-13)	Y
Master of Arts in Teaching: Teacher Preparation (Walden University, 11-20-13)	Y
Master of Divinity (Lancaster Bible College, 01-21-13)	Y
Master of Education (Messiah College, 08-01-13)	Y
Master of Education in Educational Leadership (American College of Education, 10-21-13)	Y
Master of Healthcare Administration (Walden University, 11-20-13)	Y
Master of Nursing (Walden University, 07-22-13)	Y
Master of Occupational Therapy (University of St. Augustine for Health Sciences, 09-30-13)	Y
Master of Orthopedic Physician Assistant (University of St. Augustine for Health Sciences, 09-30-13)	Y
Master of Public Administration (University of North Carolina at Chapel Hill, 10-08-13)	Y
Master of Public Health (George Washington University, 07-18-13)	Y
Master of Public Health (Walden University, 11-20-13)	Y
Master of Science in Addictions Counseling (Walden University, 11-20-13)	Y
Master of Science in Career Counseling (Walden University, 11-20-13)	Y
Master of Science in Nursing (Messiah College, 08-01-13)	Y
Master of Science in Nursing (South University, 09-04-13)	Y
Master of Science in Nursing (University of Cincinnati, 08-20-13)	Y
Master of Science in Nursing for RN/MSN (Messiah College, 08-01-13)	Y
Master of Science in Nursing for RN/MSN (South University, 09-04-13)	Y

Program Title, Institution, and Authorization Date	Offered Elsewhere in Maryland
Master of Science in Clinical Psychology (Walden University, 11-20-13)	Y
Master of Science in Clinical Research Administration (Walden University, 11-20-13)	Y
Master of Science in Forensic Psychology (Walden University, 11-20-13)	N
Master of Science in Health Informatics (Walden University, 11-20-13)	Y
Master of Science in Marriage, Couple, and Family Counseling (Walden University, 11-20-13)	N
Master of Science in Mental Health Counseling (Walden University, 11-20-13)	Y
Master of Social Work (Walden University, 11-20-13)	Y
Master of Theology (Lancaster Bible College, 01-21-13)	Y

Doctoral/Professional Degrees

Program Title, Institution, and Authorization Date	Offered Elsewhere in Maryland
Doctor of Nursing Practice (Walden University, 07-22-13)	Y
Doctor of Physical Therapy (University of St. Augustine for Health Sciences, 09-30-13)	Y
Doctorate in Counselor Education and Supervision (Walden University, 11-20-13)	Y

Certificates and Endorsements

Program Title, Institution, and Authorization Date	Offered Elsewhere in Maryland
Certificate in Autism Spectrum Disorders (Messiah College, 08-01-13)	Y
Certificate in Teaching English to Speaker of Other Languages (TESOL) (Messiah College, 08-01-13)	Y
Certificate of Advanced Graduate Studies in Counseling (Messiah College, 08-01-13)	Y
Certificate of Advanced Graduate Studies in Nursing (Messiah College, 08-01-13)	Y
Education Specialist in Educational Leadership and Administration: Principal Preparation (Walden University, 11-20-13)	Y
Endorsement in Special Education Certificate (Walden University, 11-20-13)	Y
Master of Arts in Teaching: Elementary and Transition to Teaching Elementary Certificate (American College of Education, 10-21-13)	Y

Program Title, Institution, and Authorization Date	Offered Elsewhere in Maryland
Master of Arts in Teaching: Secondary and Transition to Teaching Secondary Certificate (American College of Education, 10-21-13)	Y

Summary of Newly Authorized Out-of-State Institution Programs by Discipline Type

	Associate's Degrees	Bachelor's Degrees	Master's Degrees	Doctoral/ Professional Degrees	Certificates/ Endorsements
Administration			3		
Biblical/Theological	1	1	5		
Counseling/ Psychology			7	1	1
Education			4		6
General/ Interdisciplinary	1	2			
Health/Medical		1	2		
Nursing			6	1	1
Occupational Therapy			1		
Physical Therapy				1	
Public Health			2		
Social Work			1		
Total	2	4	31	3	8

MHEC Staff Analysis for Proliferation or Duplication

Of the 48 degree programs at out-of-state institutions that were newly authorized by MHEC to be offered in Maryland, 46 were already being offered by at least one other in-state college or university. In the tables above, those programs are marked with a “Y” in the column titled “Offered Elsewhere in Maryland.” In these cases, MHEC staff determined that such duplication was reasonable. The remaining two programs, marked with an “N” in the column titled “Offered Elsewhere in Maryland,” were determined to be unique programs that were not currently being offered at any other in-state college or university.

As mentioned in Section I of this report, the Collegiate Unit in MHEC’s Division of Academic Affairs conducts reviews of program proposals submitted by both in-state and out-of-state colleges and universities. The process includes distribution of the proposal to all in-state institutions for review and comment. Both in-state and out-of-state program proposal reviews are governed by COMAR 13B.02.03.06 and use the following criteria in determining approval or denial:

- Centrality to institutional mission statement and planning priorities
- Critical and compelling regional or Statewide need as identified in the State Plan
- Quantifiable and reliable evidence and documentation of market supply and demand in the region and service area

- Reasonableness of program duplication, if any
- Relevance to the implementation or maintenance of high-demand programs at HBIs
- Relevance to the support of the uniqueness and institutional identities and missions of HBIs
- Adequacy of curriculum design and delivery to related learning outcomes
- Adequacy of faculty resources
- Adequacy of library resources
- Adequacy of physical facilities, infrastructure, and instructional equipment
- Adequacy of financial resources
- Adequacy of provisions for evaluation of program
- Consistency with the Commission’s minority student achievement goals
- Relationship to low productivity programs identified by the Commission²

Further, out-of-state program proposal reviews are governed by COMAR 13B.02.01, drawing upon the aforementioned criteria as well as the criteria below to determine if a program could be considered unreasonably duplicative:

- Degree to be awarded
- Area of specialization
- Purpose or objective of the program or course of study to be offered
- Specific academic content of the program or course of study
- Quality of the proposed program in comparison to existing programs
- An analysis of the market for the program
- State’s equal educational opportunity obligations under State and federal law
- Critical and compelling regional or Statewide need
- Consistency with the Maryland State Plan for Postsecondary Education
- Demand and need for a program, in terms of meeting present and future needs of the region and the State in general. Two kinds of need may be identified:
 - Societal needs, including the tradition of liberal arts education, which provides immeasurable returns to the State in part by instilling in citizens a capacity for advanced learning and individual and societal benefits regardless of workforce or market demand considerations; and
 - Occupational needs relative to meeting workforce requirements or upgrading vocational or technical skills.
- Market demand data and job market openings to be served by the new program
- Recently collected, existing, or new market surveys that clearly provide quantifiable and reliable data from prospective employers on educational and training needs, and the anticipated number of vacancies expected over the next five years (with the exception of programs in the liberal arts)
- Data showing the current supply of graduates in that program area in the State and region

Out-of-state institutions must address all areas of COMAR 13B.02.01 in their application for a new academic program. When determining if proposed programs from out-of-state institutions are duplicative of similar programs offered by in-state institutions, MHEC staff members conduct a Classification of Instructional Program Standard Occupational Code (CIP-SOC)

² This consideration applies only to enrollment trends at in-state institutions.

analysis in order to establish a crosswalk between academic programs and relevant occupations. Every program approved by MHEC receives a CIP code to facilitate both state and federal reporting. CIP and SOC are databases managed by the U.S. Department of Education and Bureau of Labor Statistics, respectively. Further, data from the Maryland Department of Labor, Licensing, and Regulation (DLLR) are used to determine regional and statewide occupational demand projections, and MHEC's Enrollment Trends (E-Trends) and Degree Trends (D-Trends) databases are reviewed to analyze the student and graduate supply pipelines for a given academic program. In some cases, supplemental data from trade journals or other publications may be used as well. MHEC staff may recommend that the Secretary of Higher Education authorize an out-of-state program even if it is duplicative of existing programs in the State, if data from the sources referenced above indicate that the State's supply of college and university graduates in that field does not meet the projected occupational demand.

SECTION VI

PROGRAM PROPOSALS NOT APPROVED OR RECOMMENDED FOR IMPLEMENTATION BY MHEC

In 2013, a total of seven academic program proposals were either not approved or not recommended for implementation by MHEC. Six of these proposed programs were at Maryland community colleges, while the remaining one was at an out-of-state institution seeking authorization to offer the program in Maryland. These programs are listed below with a brief description for the primary reason for denial. In all cases, a dearth of educational need was a primary factor in the decision.

Anne Arundel Community College

Lower Division Certificate in Diverse Learners (Denied 07-19-13)

Reason: The program did not evidence educational need. A review of state employment projections did not justify the program's approval.

Community College of Baltimore County

Lower Division Certificate in Engineering Technology (Denied 07-22-13)

Reason: The program did not evidence educational need. A review of state employment projections did not justify the program's approval.

Lower Division Certificate in Civil Engineering Technology (Denied 07-22-13)

Reason: The program did not evidence educational need. A review of state employment projections did not justify the program's approval.

Lower Division Certificate in Mechanical Engineering Technology (Denied 07-22-13)

Reason: The program did not evidence educational need. A review of state employment projections did not justify the program's approval.

Lower Division Certificate in Electrical/Electronics Engineering Technology (Denied 07-22-13)

Reason: The program did not evidence educational need. A review of state employment projections did not justify the program's approval.

Bethel Seminary of Bethel University

Master of Arts in Ministry Practice (Denied 12-19-13)

Reason: The institution revealed that it would be closing its operations in Maryland. Consequently, MHEC denied the addition of this program to its existing certificate of approval.