



**MHEC**

MARYLAND HIGHER EDUCATION COMMISSION

**PROGRAM DUPLICATION/  
PROLIFERATION REPORT:**

**2016 COLLEGIATE  
PROGRAM ACTIONS BY THE  
MARYLAND HIGHER  
EDUCATION COMMISSION**

**MSAR #2387**

**March 2017**



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#### **EXECUTIVE SUMMARY**

In accordance with § 11-206.1 of the Education Article, this report addresses the issue of program duplication and proliferation among collegiate program approvals granted by the Maryland Higher Education Commission (MHEC) in 2016. 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 2016, 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 Finally, it includes the number of suspended and discontinued programs, program proposals withdrawn, partnerships, off-campus programs, and program proposals not approved or recommended.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 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 2016. The Appendix lists the programs that were suspended and discontinued, program proposals withdrawn, partnerships, and off-campus programs.

In 2016, 40 of 215 (19%) approved in-state and out-of-state academic programs were determined by MHEC to be completely unique and not previously offered in Maryland. The remaining 175 academic programs were already offered by at least one in-state college or university, but were

determined to meet the standards for reasonable duplication. Academic programs include degrees and certificates, but not areas of concentration within degree programs. Areas of concentration may only be offered within approved degree programs.

**SECTION I**  
**2016 MHEC COLLEGIATE PROGRAM ACTIONS SUMMARY**

New Degree Programs:	30	at independent colleges and universities
	13	at public four-year colleges and universities
	15	at public community colleges
New Certificate Programs:	17	at independent colleges and universities
	17	at public four-year colleges and universities
	12	at public community colleges
New Areas of Concentration:	1	at independent colleges and universities
	3	at public four-year colleges and universities
	41	at public community colleges
Out-of-State Institutions:	19	new programs at out-of-state institutions
	91	renewal programs at out-of-state institutions
Institutional Program Partnerships:	1	new partnership agreements
Off-Campus Program Site Delivery:	10	proposals
Proposals Withdrawn:	2	proposals
Programs Discontinued/Suspended:	7	at independent colleges and universities
	12	at public four-year colleges and universities
	10	at public community colleges
Proposals Not Approved/Recommended:	18	new programs
<b>Total Program Proposal Actions:</b>	<b>319</b>	

## SECTION II

### ANALYSIS OF NEW DEGREE PROGRAMS OFFERED BY MARYLAND COLLEGES AND UNIVERSITIES

In 2016, a total of 58 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, 29 of these programs were recommended for independent colleges and universities, 14 approved for public four-year colleges and universities, and 15 approved for public community colleges. They are listed by degree type below, with the approval or recommendation date listed in the parentheses.

#### Associate's Degrees

Program Title and Approval/Recommendation Date	Offered Elsewhere in Maryland
Associate of Applied Science in Accounting, Cecil College (Approved 2/19/2016)	Y
Associate of Applied Science in Health Information Technology, Cecil College (Approved 2/19/2016)	Y
Associate of Arts in Military to RN, Howard Community College (Approved 3/18/2016)	Y
Associate of Applied Science in Game & Simulation Development, Frederick Community College (Approved 6/29/2016)	Y
Associate of Applied Science in Cybersecurity, Carroll Community College, (Approved 9/21/2016)	Y
Associate Degree in Engineering, Cecil College (Approved 7/15/2016)	Y
Associate of Applied Science in Agriculture Chesapeake College, (Approved 7/14/2016)	N
Associate of Applied Science in Computer Information Systems, Chesapeake College, (Approved 7/14/2016)	Y
Associate of Science in Biological Science, Chesapeake College (Approved 7/15/2016)	Y
Associate of Applied Science in Photography, College of Southern Maryland (Approved 7/14/2016)	Y
Associate of Applied Science in Engineering Technology, College of Southern Maryland (Approved 8/28/2016)	Y
Associate of Arts in Teaching Secondary Education: English, Community College of Baltimore County (Approved 8/28/2016)	Y
Associate of Applied Science in Entertainment Technology, Howard Community College (Approved 7/22/2016)	Y
Associate of Applied Science in Criminal Justice, Montgomery College (Approved 7/22/2016)	Y
Associate of Applied Science in Entertainment Technology, Carroll Community College (Approved 6/2016)	Y

**Bachelor's Degrees**

<b>Program Title, Institution, and Approval/Recommendation Date</b>	<b>Offered Elsewhere in Maryland</b>
Business Administration/Bachelor of Science - Off Campus Nursing at TUNE, Towson University (Approved 1/19/2016)	<b>N</b>
Bachelor of Science in Information Science, University of Maryland College Park (Approved 2/19/2016)	<b>Y</b>
Bachelor of Arts in American Studies, Goucher College (Recommended 8/26/2016)	<b>Y</b>
Bachelor of Science in Forensic Accounting, Mount St. Mary's University (Recommended 7/15/2016)	<b>Y</b>
Bachelor of Business Online, Notre Dame of Maryland University (Recommended 8/4/2016)	<b>Y</b>
Bachelor of Science in Respiratory Care, Washington Adventist University (Recommended 9/14/2016)	<b>Y</b>
Bachelor of Science in Public Policy, University of Maryland, College Park (Approved 8/22/2016)	<b>Y</b>
Bachelor of Arts Leadership in Hospitality & Event Management, Notre Dame of Maryland University (Recommended 11/1/2016)	<b>Y</b>
Bachelor of Science in Nursing (RN to BSN), Notre Dame of Maryland University (Recommended 11/29/2016)	<b>Y</b>
Bachelor of Arts in Communication & Media Studies, Washington College (Recommended 11/22/2016)	<b>Y</b>
Bachelor of Science in Cybersecurity, Mount St. Mary's University (Recommended 10/12/2016)	<b>Y</b>
Bachelor of Arts in Philosophy, Politics & Economics, Mount St. Mary's University (Recommended 10/12/2016)	<b>Y</b>
Bachelor of Science in Hospitality & Tourism Management, University of Maryland, Eastern Shore (Approved 12/21/2016)	<b>Y</b>

**Master's Degrees**

<b>Program Title, Institution, and Approval/Recommendation Date</b>	<b>Offered Elsewhere in Maryland</b>
Master of Arts in Humanities, Hood College (Approved 2/26/2016)	<b>Y</b>
Master of Science in Bioinformatics, Hood College, (Recommended 1/8/2016)	<b>Y</b>
Master of Science in Health Care Management, Johns Hopkins University (Recommended 2/19/2016)	<b>Y</b>
Master of Science in Financial Mathematics, Johns Hopkins University (Recommended 3/18/2016)	<b>Y</b>
Master of Professional Studies in User Experience (UX) Design, Maryland Institute College of Art (Recommended 2/19/2016)	<b>Y</b>
Master of Science in Analytics, Notre Dame of Maryland University (Recommended 2/19/2016)	<b>Y</b>

<b>Program Title, Institution, and Approval/Recommendation Date</b>	<b>Offered Elsewhere in Maryland</b>
Master of Education in Community College Administration and Instruction, Morgan State University (Approved 2/19/2016)	<b>N</b>
Master of Business Administration, Morgan State University (Approved 2/19/2016)	<b>Y</b>
Master of Science in Educational Leadership, McDaniel College (Recommended 1/11/2016)	<b>Y</b>
Master of Advance Studies in Spatial Analysis for Public Health, Johns Hopkins University (Approved 6/4/2016)	<b>Y</b>
Master of Arts in Public Health Biology, Johns Hopkins University (Approved 6/29/2016)	<b>N</b>
Master of Civil Engineering, Johns Hopkins University (Approved 6/29/2016)	<b>Y</b>
Master of Science in Data Science, Johns Hopkins University (Recommended 7/22/2016)	<b>Y</b>
Master of Science in Data Science, Loyola University of Maryland (Approved 6/29/2016)	<b>Y</b>
Master of Science in Leadership in Teaching, Notre Dame of Maryland University (Approved 6/28/2016)	<b>Y</b>
Master of Science in Business Analytics, University of Maryland College Park (Approved 6/29/2016)	<b>N</b>
Master of Science in Mathematics Instructional Leadership, Hood College (Approved 7/22/2016)	<b>Y</b>
Master of Science in Education, Multidisciplinary Studies, Hood College (Approved 7/22/2016)	<b>Y</b>
Master of Science in Energy Policy & Climate, Johns Hopkins University (Recommended 7/22/2016)	<b>Y</b>
Master of Science in Curriculum and Instruction, McDaniel College (Recommended 8/1/2016)	<b>Y</b>
Master of Education in School Counseling, Washington Adventist University (Recommended 9/14/2016)	<b>Y</b>
Master of Social Work, Morgan State University (Approved 7/1/2016)	<b>Y</b>
Master of Public Health, Morgan State University (Approved 9/6/2016)	<b>Y</b>
Master of Science in Health Science, University of Maryland, Baltimore (Recommended 8/31/2016)	<b>Y</b>
Master of Science in Palliative Care, University of Maryland, Baltimore (Recommended 8/31/2016)	<b>Y</b>
Master of Education in School Counseling, Washington Adventist University (Recommended 9/4/2016)	<b>Y</b>
Master of Public Health, University of Maryland, Baltimore (Approved 10/24/2016)	<b>Y</b>
Master of Science in Cybersecurity Law Online, University of Maryland, Baltimore (Approved 11/14/2016)	<b>Y</b>
Master of Science in Homeland Security and Crisis Management Law, University of Maryland, Baltimore (Approved 11/4/2016)	<b>Y</b>



**Doctoral/Professional Degrees**

<b>Program Title, Institution, and Approval/Recommendation Date</b>	<b>Offered Elsewhere in Maryland</b>
Doctor of Nursing Practice, Johns Hopkins University (Recommended 9/21/2016)	<b>Y</b>

**Summary of New Degree Programs in 2016 by Discipline Type**

	<b>Associate's Degrees</b>	<b>Bachelor's Degrees</b>	<b>Master's Degrees</b>	<b>Doctoral/ Professional Degrees</b>
Allied Health/Health-related	2	3	7	1
Business/Management/Finance/Economics	1	4	4	0
Communication/Media/Marketing	2	1	0	0
Computer/Information Science	2	1	0	0
Counseling/Psychology	0	0	2	0
Criminal Justice	1	0	0	0
Cybersecurity	1	1	2	0
Education	1	0	5	0
Emergency/Protective Services	0	0	0	0
Engineering/Engineering Technology	2	0	1	0
Environmental Science/Studies	1	0	0	0
Exercise Science	0	0	0	0
Fine Arts	1	0	1	0
Humanities/Liberal Arts	0	2	1	0
Law	0	0	1	0
Natural Sciences	1	0	4	0
Social Work/Social Science	0	1	1	0
<b>Total</b>	<b>15</b>	<b>13</b>	<b>29</b>	<b>1</b>

**MHEC Staff Analysis for Proliferation or Duplication**

Of the 58 degree programs at in-state institutions that were approved or recommended for implementation by MHEC in 2016, 53 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 5 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 Commission<sup>1</sup>

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.

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:

<b>COMAR 13B.02.03.08: Need for the Proposed Program</b>
<p>A. A proposed program shall meet a critical and compelling regional or Statewide need as identified in the State Plan.</p> <p>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:</p> <ol style="list-style-type: none"> <li>(1) The need for the advancement and evolution of knowledge;</li> <li>(2) Societal needs, including expanding educational opportunities and choices for minority and educationally disadvantaged students at institutions of higher education;</li> <li>(3) Occupational and professional needs relative to upgrading vocational/ technical skills or meeting job market requirements; and</li> <li>(4) The need to strengthen and expand the capacity of historically black institutions to provide high quality and unique educational programs.</li> </ol>

<sup>1</sup> This consideration applies only to enrollment trends at in-state institutions.

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 through civic education and civic engagement.

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 2016, a total of 46 certificate programs at in-state institutions were approved or recommended for implementation by MHEC. By segment, 16 of these programs were recommended for independent colleges and universities, 17 approved for public four-year colleges and universities, and 13 approved for public community colleges. They are listed chronologically by certificate level below, with the institution and approval or recommendation date listed in the parentheses.

**Lower-Division Certificates**

<b>Program Title, Institution, and Approval/Recommendation Date</b>	<b>Offered Elsewhere in Maryland</b>
Lower Division Certificate in Certified Management Accountant, Community College of Baltimore County (Approved 3/18/2016)	<b>Y</b>
Lower Division Certificate in Network Security, Carroll Community College (Approved 5/23/2016)	<b>Y</b>
Lower Division Certificate in Sport Management, Chesapeake College (Approved 4/17/2016)	<b>Y</b>
Lower Division Certificate in Network Engineer, Frederick Community College (Approved 5/23/2016)	<b>Y</b>
Lower Division Certificate in Electro-Mechanical Technology, Garrett College (Approved 5/23/2016)	<b>Y</b>
Lower Division Certificate in Automotive Technology with AUDI Education, Lincoln College of Technology (Approved 7/15/2016)	<b>Y</b>
Lower-Division Certificate in Exercise Science, Chesapeake College (Approved 7/14/2016)	<b>Y</b>
Lower-Division Certificate in Theatre & Performance Studies, Chesapeake College (Approved 7/14/2016)	<b>Y</b>
Lower-Division Certificate in Game Programming, Frederick Community College (Approved 7/1/2016)	<b>Y</b>
Lower-Division Certificate in Computer Animation, Frederick Community College (Approved 7/1/2016)	<b>Y</b>
Lower-Division Certificate in Cyber Defense, Harford Community College (Approved 7/14/2016)	<b>Y</b>
Lower-Division Certificate in Entertainment Technology, Howard Community College (Approved 7/22/2016)	<b>Y</b>
Lower Division Certificate in Vascular Sonography, Howard Community College (Approved 12/9/2016)	<b>N</b>

## Post-Baccalaureate Certificates

<b>Program Title, Institution, and Approval/Recommendation Date</b>	<b>Offered Elsewhere in Maryland</b>
Post-Baccalaureate Certificate in Health Care Systems Security, Capitol Technology University (Recommended 1/8/2016)	Y
Post-Baccalaureate Certificate in Securitization, Johns Hopkins University (Recommended 3/18/2016)	N
Post-Baccalaureate Certificate in Quantitative Portfolio Management, Johns Hopkins University (Recommended 3/18/2016)	N
Post-Baccalaureate Certificate in Financial Risk Management, Johns Hopkins University (Recommended 3/18/2016)	Y
Post-Baccalaureate Certificate in International Economics, Johns Hopkins University (Recommended 3/18/2016)	Y
Post-Baccalaureate Certificate in Secondary STEM, Stevenson University (Recommended 1/8/2016)	N
Post-Baccalaureate Certificate in Sustainable Urban Communities, Morgan State University (Approved 2/19/2016)	N
Post-Baccalaureate Certificate in CONNECT: Faith, Healing and Medicine, St. Mary's Seminary and University (Approved 3/18/2016)	N
Post-Baccalaureate Certificate in Global Health Systems and Services, University of Maryland Baltimore (Approved 3/29/2016)	N
Post-Baccalaureate Certificate in Global Health Management, University of Maryland University College (Approved 3/29/2016)	N
Post-Baccalaureate Certificate in Civil Engineering, Johns Hopkins University (Approved 6/29/2016)	N
Post-Baccalaureate Certificate in K-8 STEM Lead-Teacher, Johns Hopkins University (Approved 6/29/2016)	N
Post-Baccalaureate Certificate in K-8 Mathematics Lead-Teacher, Johns Hopkins University (Approved 6/29/2016)	N
Post-Baccalaureate Certificate in National Security Issues, Johns Hopkins University (Recommended 7/22/2016)	N
Post Baccalaureate Certificate in Teaching Writing, Johns Hopkins University (Recommended 7/22/2016)	N
Post-Baccalaureate Certificate in Urban Journalism, Morgan State University (Approved 9/6/2016)	N
Post Baccalaureate Certificate in Higher Education, Salisbury University (Approved 7/15/2016)	Y
Post-Baccalaureate Certificate in Internal Audit Services, University of Baltimore (Approved 8/1/2016)	N
Post-Baccalaureate Certificate in Organizational Leadership, University of Baltimore (Approved 9/14/2016)	Y
Post-Baccalaureate Certificate in Principles and Practice of Hospice and Palliative Care, University of Maryland, Baltimore (Approved 8/5/2016)	N
Post-Baccalaureate Certificate in Clinical Aspects of Hospice and Palliative Care, University of Maryland, Baltimore (Approved 8/1/2016)	N
Post-Baccalaureate Certificate in Psychosocial/Spiritual Aspects of	N

<b>Program Title, Institution, and Approval/Recommendation Date</b>	<b>Offered Elsewhere in Maryland</b>
Hospice and Palliative Care, University of Maryland, Baltimore (Approved 8/1/2016)	
Post-Baccalaureate Certificate in Leadership and Administration in Hospice and Palliative Care, University of Maryland, Baltimore (Approved 8/1/2016)	N
Post-Baccalaureate Certificate in Forensic Accounting and Fraud Investigation, Mount St. Mary's University (Recommended 10/12/2016)	Y
Post-Baccalaureate Certificate in Administrator I, Mount St. Mary's University (Recommended 11/4/2016)	Y

### **Post-Master Certificates**

<b>Program Title, Institution, and Approval/Recommendation Date</b>	<b>Offered Elsewhere in Maryland</b>
Post-Master's Certificate in Gifted and Talented Education Specialist, McDaniel College (Approved 2/19/2016)	N
Post-Master Certificate in Data Science, Johns Hopkins University (Recommended 7/22/2016)	N
Post-Master Certificate in Cybersecurity & Crisis Management, University of Maryland Baltimore (Approved 4/18/2016)	Y
Post-Master Certificate in Digital Studies in the Arts and Humanities, University of Maryland College Park (Approved 6/29/2016)	N
Post-Master Certificate in Literacy Education, Salisbury University (Approved 9/29/2016)	Y
Post-Master Certificate in Family Law, University of Baltimore (Approved 9/14/2016)	N
Post-Master Certificate in Educational Leadership, Salisbury University (Approved 12/22/2016)	Y

### **Certificate of Advanced Study**

<b>Program Title, Institution, and Approval/Recommendation Date</b>	<b>Offered Elsewhere in Maryland</b>
Certificate of Advance Study in Educational Leadership, Salisbury University (Approved 12/22/2016)	N

**Summary of New Certificate Programs in 2016 by Discipline Type**

	<b>Lower Division Certificates (LDC)</b>	<b>Certificate of Advanced Studies (CAS)</b>	<b>Post Baccalaureate Certificates (PBC)</b>	<b>Post Master's Certificates (PMC)</b>
Allied Health/Health-related	1	0	8	0
Automotive Technology	1	0	0	0
Business/Management/Finance/Economics	2	0	8	0
Communication/Media/Marketing	0	0	1	0
Computer/Information Science	3	0	0	2
Cybersecurity	2	0	2	1
Education	0	1	5	3
Emergency/Protective Services	0	0	0	0
Engineering/Engineering Technology	2	0	1	0
Exercise Science	1	0	0	0
Fine Arts	1	0	0	0
Industry/Labor	0	0	0	0
Law	0	0	0	1
Library Science	0	0	0	0
<b>Total</b>	<b>13</b>	<b>1</b>	<b>25</b>	<b>7</b>

**MHEC Staff Analysis for Proliferation or Duplication**

Of the 46 certificate programs at in-state institutions that were approved or recommended for implementation by MHEC in 2016, 22 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 24 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 in the previous section 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 2016, a total of 45 Areas of Concentration at in-state institutions were approved or recommended for implementation by MHEC. One of these programs were recommended for independent colleges and universities, three were approved for public four-year colleges and universities, and 41 were approved for public community colleges. They are listed chronologically 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 recognized for degrees at the associate’s, bachelor’s, master’s, or doctoral levels.

#### **Associate Degree Areas of Concentration**

- Music; Associate of Arts in Arts and Sciences (Frederick Community College, 2/19/2016)
- Human Services – Addictions; Associate of Arts in Arts and Sciences (Frederick Community College, 3/29/2016)
- Human Services - Social Work; Associate of Arts in Arts and Sciences (Frederick Community College, 3/29/2016)
- Psychology; Associate of Arts in Arts and Sciences (Frederick Community College, 3/29/2016)
- Theatre; Associate of Arts in Arts and Sciences (Frederick Community College, 3/29/2016)
- Art; Associate of Arts in Arts and Sciences (Frederick Community College, 3/29/2016)
- Pre-Nursing; Associate of Science (Frederick Community College, Approved 5/9/2016)
- Health and Exercise Sciences Concentration; Associate of Arts in Arts and Sciences (Frederick Community College, Approved 6/7/2016)
- Information Systems Management; Computer Science Associate of Science (Frederick Community College, Approved 5/9/2016)
- Computer Graphics; Associate of Arts in Arts and Sciences (Frederick Community College, Approved 6/7/2016)
- History; Associate of Arts in Arts and Sciences (Frederick Community College, Approved 6/7/2016)
- Communication (Speech); Associate of Arts in Arts and Sciences (Frederick Community College, Approved 6/7/2016)
- Law Enforcement; Associate of Applied Science in Criminal Justice (Wor-Wic Community College, Approved 5/9/2016)
- Forensic Science Technology; Associate of Applied Science in Criminal Justice (Wor-Wic Community College, Approved 5/9/2016)
- Corrections; Associate of Applied Science in Criminal Justice (Wor-Wic Community College, Approved 5/9/2016)
- Aerospace; Associate Degree in Engineering (Cecil College, Approved 7/15/2016)

- Chemical; Associate Degree in Engineering (Cecil College, Approved 7/15/2016)
- Computer Engineering; Associate Degree in Engineering (Cecil College, Approved 7/15/2016)
- Engineering Science; Associate Degree in Engineering (Cecil College, Approved 7/15/2016)
- Production and Sustainability, Associate of Applied Science in Agriculture (Chesapeake College, Approved 7/14/2016)
- Electronics; Associate of Applied Science in Engineering Technology (College of Southern Maryland, Approved 8/28/2016)
- Robotics; Associate of Applied Science in Engineering Technology (College of Southern Maryland, Approved 8/28/2016)
- Drafting; Associate of Applied Science in Engineering Technology (College of Southern Maryland, Approved 8/28/2016)
- Hotel & Restaurant Management; Associate of Applied Science in Hotel and Restaurant Management (Alleghany College of Maryland, Approved 10/18/2016)
- Professional Golf Management; Associate of Applied Science in Professional Golf Management (Alleghany College of Maryland, Approved 10/18/2016)
- Communications; (Cecil College, Approved 11/18/2016)
- Graphic Design & Multimedia; (Cecil College, Approved 11/18/2016)
- Photography; (Cecil College, Approved 11/18/2016)
- Video Production; (Cecil College, Approved 11/18/2016)
- Web Design and Multimedia; (Cecil College, Approved 11/18/2016)
- Television Production; (Frederick Community College, Approved 10/20/2016)
- Liberal Arts (Howard Community College, Approved 10/20/2016)
- Philosophy & Religious Studies (Howard Community College, Approved 10/20/2016)
- Asian Studies (Howard Community College, Approved 10/20/2016)
- Film Studies (Howard Community College, Approved 10/20/2016)
- Dance Performance (Howard Community College, Approved 10/20/2016)
- Music (Howard Community College, Approved 10/20/2016)
- Graphic & Interactive Design (Howard Community College, Approved 10/20/2016)
- Gaming & Simulation Design (Howard Community College, Approved 10/20/2016)
- Art (Howard Community College, Approved 10/20/2016)
- Communication Studies (Howard Community College, Approved 10/20/2016)

### **Bachelor Degrees Areas of Concentration**

- Hospitality Management; Bachelor of Science in Business Administration (Frostburg State University, 05-12-15)

### **Master's Degree Areas of Concentration**

- Educational Studies; Master of Science in Education (Johns Hopkins University, 2/19/2016)
- International Relations; Master of Arts in Government and Politics (University of Maryland College Park, 3/18/2016)

### **Doctoral Degree Area of Concentration**

- Music Education; Ph.D. in Music (University of Maryland College Park, 10-7-15)

## SECTION V

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

In 2016, a total of 111 academic programs from out-of-state institutions were granted authorization to operate in Maryland. These programs were required to gain authorization based on instructional components offered on the ground in Maryland (either classroom-based or experiential components, such as practica and internships). They are listed chronologically by award type below, with the authorization date listed in the parentheses. (Note: The aforementioned approvals include the renewal of programs approved prior to 2016. There were 91 renewal approvals in 2016).

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.

#### Associate's Degrees

<b>Program Title, Institution, and Authorization Date</b>	<b>Offered Elsewhere in Maryland</b>
Associate of Science in Radiologic Technology in Landover, Maryland (Fortis College, Approved 3/3/2016)	<b>Y</b>
Out-of-State Renewal, Associate of Science in Networking Engineering Technology, Ana G. Mendez Universidad del Este (approved 4/17/2016)	<b>Y</b>
Out-of-State Renewal, Associate of Science in Electronic Engineering Technology, Ana G. Mendez Universidad del Este (approved 4/17/2016)	<b>Y</b>
Out-of-State Renewal, Associate of Science in General Studies, Lancaster Bible College (approved 4/17/2016)	<b>Y</b>
Out-of-State Renewal, Associate in Applied Science in Nursing, Saint Michael College of Allied Health (approved 4/17/2016)	<b>Y</b>
Out-of-State Renewal, Associate of Arts (A.A) in Liberal Arts and Sciences, Bard College (approved 4/17/2016)	<b>Y</b>
Out-of-State Renewal, Associate of Science in Labor Studies, SUNY Empire State College (Authorized 9/6/2016)	<b>Y</b>
Associate of Science in Biological Science, Brightwood College, Towson (Recommended 10/18/2016)	<b>Y</b>
Associate of Ministerial Leadership, Southeastern University (Authorized 10/19/2016)	<b>Y</b>

**Bachelor's Degrees**

<b>Program Title, Institution, and Authorization Date</b>	<b>Offered Elsewhere in Maryland</b>
Out-of-State Renewal, Bachelor of Science in Applied Exercise Science, University of New England (approved 1/19/2016)	Y
Out-of-State Renewal, Bachelor of Science in Hotel Management, Ana G. Mendez Universidad del Este (approved 4/17/2016)	Y
Out-of-State Renewal, Bachelor of Science in Psychology, Ana G. Mendez Universidad del Este (approved 4/17/2016)	Y
Out-of-State Renewal, Bachelor of Science in Health Services Management, Ana G. Mendez Universidad del Este (approved 4/17/2016)	Y
Out-of-State Renewal, Bachelor of Arts in Prekindergarten/Primary Education, Ana G. Mendez Universidad del Este (approved 4/17/2016)	Y
Out-of-State Renewal, Bachelor of Arts in Special Education, Ana G. Mendez Universidad del Este (approved 4/17/2016)	Y
Out-of-State Renewal, Bachelor of Arts in Criminal Justice, Ana G. Mendez Universidad Metropolitana (approved 4/17/2016)	Y
Out-of-State Renewal, Bachelor of Arts in Elementary Education, Ana G. Mendez Universidad del Turabo (approved 4/17/2016)	Y
Out-of-State Renewal, Bachelor of Arts in Secondary Education, Mathematics, Ana G. Mendez Universidad del Turabo (approved 4/17/2016)	Y
Out-of-State Renewal, Bachelor of Secondary Education (B.B.A.), Ana G. Mendez Universidad del Turabo (approved 4/17/2016)	Y
Out-of-State Renewal, Bachelor of Science in Nursing, Ana G. Mendez Universidad del Turabo (approved 4/17/2016)	Y
Bachelor of Science in Community Health, Ana G. Mendez Universidad del Turabo (approved 4/17/2016)	Y
Out-of-State Renewal, Bachelor of Science in General Studies, Lancaster Bible College (approved 4/17/2016)	Y
Out-of-State Renewal, Bachelor of Science in Bible, Lancaster Bible College (approved 4/17/2016)	Y
Out-of-State Renewal, Bachelor of Science in Nursing, Lincoln University (approved 4/17/2016)	Y
Out-of-State Renewal, Bachelor of Arts in Biblical Studies, Washington University of Virginia (approved 4/17/2016)	Y
Out-of-State Renewal, Bachelor of Science in Family Studies, Washington University of Virginia (approved 4/17/2016)	Y
Out-of-State Renewal, Bachelor of Science in Business Administration, Washington University of Virginia (approved 4/17/2016)	Y
Out-of-State Renewal, Bachelor of Theology, Washington University of Virginia (discontinued 4/17/2016)	Y
Out-of-State Renewal, Bachelor of Science in Middle Level Education, Wilmington University (discontinued 4/17/2016)	Y
Out-of-State Renewal, Bachelor of Science in Labor Studies, SUNY Empire State College (Authorized 9/6/2016)	N
Out-of-State Renewal, Bachelor of Science in Medical Laboratory	Y

Science, University of Cincinnati (Authorized 9/6/2016)	
Out-of-State Renewal, Bachelor of Science in Nursing, Chamberlain College of Nursing (Authorized 9/6/2016)	Y
Bachelor of Science in Logistics Management, Florida Institute of Technology (Authorized 12/22/2016)	Y

**Master's Degrees**

<b>Program Title, Institution, and Authorization Date</b>	<b>Offered Elsewhere in Maryland</b>
Out-of-State Renewal, Master of Science in Occupational Therapy, Shenandoah University (approved 3/3/2016)	N
Out-of-State Renewal, Master of Science in Physician Assistant Studies, Shenandoah University (approved 3/3/2016)	Y
Out-of-State Renewal, Master of Science in Nursing - Family Nurse Practitioner, Shenandoah University (approved 3/3/2016)	Y
Out-of-State Renewal, Master of Social Work, University of Southern California (approved 1/19/2016)	Y
Out-of-State Renewal, Master of Arts in Teaching (M.A.T.), University of Southern California (approved 1/19/2016)	Y
Out-of-State Renewal, Master of Education (M.Ed.), University of Southern California (approved 1/19/2016)	Y
Out-of-State Renewal, Master of Education (M.Ed.) in School Leadership, University of Southern California (approved 1/19/2016)	Y
Out-of-State Renewal, Master of Science in Nurse Anesthesia, University of New England (approved 1/19/2016)	N
Out-of-State Renewal, Master of Science in Physician Assistant, University of New England (approved 1/19/2016)	Y
Out-of-State Renewal, Master of Public Health, University of New England (approved 1/19/2016)	Y
Out-of-State Renewal, Master of Science in Social Work, University of New England (approved 1/19/2016)	Y
Out-of-State Renewal, Master of Science in Educational Leadership, Ana G. Mendez Universidad del Este (approved 4/17/2016)	Y
Out-of-State Renewal, Master of Public Administration in Public and Non-Profit Management, Ana G. Mendez Universidad del Este (approved 4/17/2016)	Y
Out-of-State Renewal, Master of Education in Bilingual Education, Ana G. Mendez Universidad del Este (approved 4/17/2016)	N
Out-of-State Renewal, Master of Science in Administration of Adult Education, Ana G. Mendez Universidad del Este (approved 4/17/2016)	N
Out-of-State Renewal, Master of Business Administration, Ana G. Mendez Universidad Metropolitana (approved 4/17/2016)	Y
Out-of-State Renewal, Master of Education in Guidance and Counseling, Ana G. Mendez Universidad del Turabo (approved 4/17/2016)	Y
Out-of-State Renewal, Master of Education in Teaching of English as a Second Language, Ana G. Mendez Universidad del Turabo (approved 4/17/2016)	Y

<b>Program Title, Institution, and Authorization Date</b>	<b>Offered Elsewhere in Maryland</b>
Out-of-State Renewal, Master of Science in Nursing, Ana G. Mendez Universidad del Turabo (approved 4/17/2016)	Y
Out-of-State Renewal, Master of Science in Nursing (M.S.N.), Ana G. Mendez Universidad del Turabo (approved 4/17/2016)	Y
Out-of-State Renewal, Master of Science in Nursing (M.S.), Ana G. Mendez Universidad del Turabo (approved 4/17/2016)	Y
Out-of-State Renewal, Master of Education in Library Services and Technology Information, Ana G. Mendez Universidad del Turabo (approved 4/17/2016)	Y
Out-of-State Renewal, Master of Divinity, Denver Seminary (approved 4/17/2016)	Y
Out-of-State Renewal, Master of Arts in Leadership, Denver Seminary (approved 4/17/2016)	Y
Out-of-State Renewal, Master of Arts in Biblical Studies, Lancaster Bible College (approved 4/17/2016)	Y
Out-of-State Renewal, Master of Arts in Ministry, Lancaster Bible College (approved 4/17/2016)	Y
Out-of-State Renewal, Master of Divinity, Lancaster Bible College (approved 4/17/2016)	Y
Out-of-State Renewal, Master of Theology, Lancaster Bible College (approved 4/17/2016)	Y
Out-of-State Renewal, Master of Arts in Professional Counseling, Lancaster Bible College (approved 4/17/2016)	Y
Out-of-State Renewal, Master of Arts in Christian Care, Lancaster Bible College (approved 4/17/2016)	N
Out-of-State Renewal, Master of Business Administration, Washington University of Virginia (approved 4/17/2016)	Y
Out-of-State Renewal, Master of Religious Education, Washington University of Virginia (discontinued 4/17/2016)	Y
Master of Science in Flight Test Engineering, Florida Institute of Technology (Authorized 8/31/2016)	N
Out-of-State Renewal, Master of Arts in Education, Gratz College (Authorized 8/28/2016)	Y
Out-of-State Renewal, Master of Education, Northcentral University (Authorized 8/29/16)	Y
Out-of-State Renewal, Master of Arts in Marriage and Family Therapy, Northcentral University (Authorized 8/29/16)	Y
Out-of-State Renewal, The Master of Arts in Work and Labor Policy, SUNY Empire State College (Authorized 9/6/2016)	Y
Out-of-State Renewal, Master of Science in Nursing, University of Cincinnati (Authorized 9/6/2016)	Y
Out-of-State Renewal, Master of Science in Nursing – Healthcare Policy, Chamberlain College of Nursing (Authorized 10/19/2016)	Y
Out-of-State Renewal, Master of Science in Nursing - Family Nurse Practitioner, Chamberlain College of Nursing (Authorized 10/19/2016)	Y
Out-of-State Renewal, Master of Science in Nursing - Educator Track,	Y

<b>Program Title, Institution, and Authorization Date</b>	<b>Offered Elsewhere in Maryland</b>
Chamberlain College of Nursing (Authorized 10/19/2016)	
Out-of-State Renewal, Master of Science in Nursing - Executive Track, Chamberlain College of Nursing (Authorized 10/19/2016)	<b>Y</b>
Out-of-State Renewal, Master of Science in Nursing - Informatics Track, Chamberlain College of Nursing (Authorized 10/19/2016)	<b>Y</b>
Master of Science in Technology Management, Florida Institute of Technology (Authorized 12/22/2016)	<b>Y</b>
Master of Science in Logistics Management, Florida Institute of Technology (Authorized 12/22/2016)	<b>Y</b>
Master of Science in Management, Florida Institute of Technology (Authorized 12/22/2016)	<b>Y</b>
Out-of-State Renewal, Master of Science in Nursing, Frontier Nursing University (Acknowledged 5/16/2016)	<b>Y</b>
Master of Science in Library Science (M.S.L.I.S.), Simmons College (Authorized 10/7/2016)	<b>Y</b>
Out-of-State Renewal, Master of Arts in Procurement and Acquisitions Management, Webster University (Authorized 10/7/2016)	<b>Y</b>
Out-of-State Renewal, Master of Business Administration (M.B.A.), Webster University (Authorized 10/7/2016)	<b>Y</b>
Out-of-State Renewal, Master of Arts in Management and Leadership, Webster University (Authorized 10/7/2016)	<b>Y</b>
Out-of-State Renewal, Master of Arts in Human Resources Management, Webster University (Authorized 10/7/2016)	<b>Y</b>

### **Doctoral/Professional Degrees**

<b>Program Title, Institution, and Authorization Date</b>	<b>Offered Elsewhere in Maryland</b>
Doctor of Osteopathic Medicine, Lake Erie College of Osteopathic Medicine (approved, 3/29/2016)	<b>Y</b>
Out-of-State Renewal, Doctor of Physical Therapy, Shenandoah University (approved 3/3/2016)	<b>Y</b>
Out-of-State Renewal, Doctor of Osteopathic Medicine, University of New England (approved 1/19/2016)	<b>N</b>
Out-of-State Renewal, Doctor of Pharmacy, University of New England (approved 1/19/2016)	<b>Y</b>
Out-of-State Renewal, Doctor of Physical Therapy, University of New England (approved 1/19/2016)	<b>Y</b>
Out-of-State Renewal, Doctor of Ministry, Lancaster Bible College (approved 4/17/2016)	<b>Y</b>
Out-of-State Renewal, Doctor of Philosophy in Biblical Studies, Lancaster Bible College (approved 4/17/2016)	<b>Y</b>
Out-of-State Renewal, Doctor of Philosophy in Marriage and Family Therapy, Northcentral University (Authorized 8/29/16)	<b>Y</b>
Out-of-State Renewal, Doctor of Nursing- Advanced Practice Leadership,	<b>Y</b>



Chamberlain College of Nursing (Authorized 10/19/2016)	
Out-of-State Renewal, Doctor of Nursing- Health Systems Leadership, Chamberlain College of Nursing (Authorized 10/19/2016)	Y

**Certificates and Endorsements**

<b>Program Title, Institution, and Authorization Date</b>	<b>Offered Elsewhere in Maryland</b>
Area of Concentration, Acquisition and Contract Management, Master of Science in Management (Florida Institute of Technology, Authorized 2/19/2016)	N
Area of Concentration, Human Resources Management, Master of Science in Management (Florida Institute of Technology, Authorized 2/19/2016)	Y
Area of Concentration, Information Systems, Master of Science in Management (Florida Institute of Technology, Authorized 2/19/2016)	Y
Area of Concentration, Logistics Management, Master of Science in Management (Florida Institute of Technology, Authorized 2/19/2016)	Y
Area of Concentration, Information Systems, Master of Science in Systems Management (Florida Institute of Technology, Authorized 2/19/2016)	Y
Area of Concentration, Operations Research, Master of Science in Systems Management (Florida Institute of Technology, Authorized 2/19/2016)	Y
Out-of-State Renewal, Graduate Certificate in Biblical and Theological Studies, Denver Seminary (approved 4/17/2016)	Y
Post-Baccalaureate Certificate in Flight Test Engineering, Florida Institute of Technology (Authorized 8/31/2016)	N
Out-of-State Renewal, Graduate Certificate in Nursing Education, University of Cincinnati (approved 9/6/2016)	Y
Out-of-State Renewal, Post-Master's Certificate in Psychiatric Mental Health Nurse Practitioner, University of Cincinnati (approved 9/6/2016)	Y
Out-of-State Renewal, Graduate Certificate in Nursing Education, Chamberlain College of Nursing (Authorized 10/19/2016)	Y
Out-of-State Renewal, Graduate Certificate in Nursing Informatics, Chamberlain College of Nursing (Authorized 10/19/2016)	Y
Area of Concentration in Logistics Management, Florida Institute of Technology (Authorized 12/22/2016)	Y
Out-of-State Renewal, Post-Master's Certificate Doctor of Nursing Practice, Frontier Nursing University (Acknowledged 5/16/2016)	Y
Out-of-State Renewal, Post-Master's Certificate in Nursing, Frontier Nursing University (Acknowledged 5/16/2016)	N
Out-of-State Renewal, Certificate in Government Contracting, Webster University (Authorized 10/7/2016)	Y

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

	<b>Associate's Degrees</b>	<b>Bachelor's Degrees</b>	<b>Master's Degrees</b>	<b>Doctoral/ Professional Degrees</b>	<b>Certificates/ Endorsements</b>
Allied Health/Health-related	2	6	16	7	6
Aviation	0	0	1	0	1
Business/Management/Finance/Economics	0	3	9	0	6
Communication/Media/Marketing	0	0	0	0	0
Computer/Information Science	1	0	0	0	2
Counseling/Psychology	0	2	3	1	0
Criminal Justice	0	1	0	0	0
Cybersecurity	0	0	0	0	0
Education	0	6	10	0	0
Engineering/Engineering Technology	1	0	0	0	0
Exercise Science	0	1	0	0	0
Fine Arts	0	0	0	0	0
Humanities/Liberal Arts	1	0	0	0	0
Industry/Labor	1	1	1	0	0
Interdisciplinary Studies	1	1	0	0	0
Library Science	0	0	2	0	0
Math	0	0	0	0	0
Religious Studies	1	3	7	2	1
Science (Physical/Biological)	1	0	1	0	0
Social Work/Social Science	0	0	2	0	0
<b>Total</b>	<b>9</b>	<b>24</b>	<b>52</b>	<b>10</b>	<b>16</b>

**MHEC Staff Analysis for Proliferation or Duplication**

Of the 111 programs at out-of-state institutions that were authorized by MHEC to be offered in Maryland, including renewal programs, 100 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 11 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 Commission<sup>2</sup>

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

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<sup>2</sup> This consideration applies only to enrollment trends at in-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) 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 2016, a total of 18 academic program proposals were not approved by MHEC. All of these proposed programs were at out-of-state institutions seeking authorization to offer the program in Maryland. In all cases, a lack of market need was a primary factor in the decision. Market need involves an analysis of the current supply graduates from in-state postsecondary institutions and projected occupational demand for in associated job classifications.

**Stratford University**

Out-of-State Initial for Multiple Program Offerings (Denied 6/15/2016)

Stratford University sought a Certificate of Approval as an out-of-state institution to operate The Sojourner-Douglass Center at Stratford University at the former site of Sojourner-Douglass College's Baltimore City campus. Stratford University sought approval to offer the following 11 degree programs:

Associate of Applied Science in EKG Phlebotomy Technician  
Associate of Applied Science in Medical Insurance Billing and Coding  
Bachelor of Science in Accounting  
Bachelor of Science in Business Administration  
Bachelor of Science in Information Technology  
Bachelor of Science in Health Care Administration  
Bachelor of Science in Health Information Management  
Bachelor of Science in Nursing  
Master of Business Administration  
Master of Science in Health Care Administration  
Master of Science in Software Engineering

The programs were not approved based on the program proposals not demonstrating market demand or need and/or represented unreasonable program duplication.

**Fortis College**

Associate of Science in Pharmacy Technician in Landover, Maryland  
(Denied 3/3/2016)

The program was not approved based on the program proposal not demonstrating market demand or need in the region of the State.

Associate of Science in Medical Billing and Coding in Landover, Maryland  
(Denied 3/3/2016)

The program was not approved based on the program proposal not demonstrating market demand or need in the region of the State.

**Lake Erie College of Osteopathic Medicine**

Doctor of Pharmacy (denied, 3/29/2016)

The program was not approved based on unreasonable duplication. Three Maryland institutions offer the Doctor of Pharmacy program, including one historically black institution (HBI)

**Shenandoah University**

Out-of-State Renewal, Doctor of Pharmacy (denied 3/3/2016)

The program was not approved based on unreasonable duplication. Three Maryland institutions offer the Doctor of Pharmacy program, including one historically black institution (HBI)

**Brightwood College, Baltimore**

Associate Degree in Medical Assistant (Denied 8/12/2016)

The program was not approved based on current degree production in the area of study exceeds the market demand within the State.

**Brightwood College, Beltsville**

Associate Degree in Medical Assistant (Denied 8/12/2016)

The program was not approved based on current degree production in the area of study exceeds the market demand within the State.

**Brightwood College, Towson**

Associate Degree in Medical Assistant (Denied 8/12/2016)

The program was not approved based on current degree production in the area of study exceeds the market demand within the State.

## APPENDIX

### PROGRAMS DISCONTINUED AND SUSPENDED

#### Independent Colleges and Universities

##### **Lincoln College of Technology**

Associate of Applied Science in Culinary Arts (Approved 9/13/2016)

Lower Division Certificate in Culinary Arts (Approved 9/13/2016)

##### **Loyola University Maryland**

Master of Education in Special Education (Approved 9/13/2016)

Certificate of Advanced Study in Special Education (Approved 9/13/2016)

##### **Johns Hopkins University**

Certificate of Advance Study in Early Childhood Education (Approved 12/5/2016)

Area of Concentration in Early Childhood Education & English for Speakers of Other Languages (Acknowledged 12/9/2016)

Area of Concentration in Five Area of Concentrations with Doctor of Public Health (Acknowledged 12/9/2016)

#### Public Colleges and Universities

##### **Towson University**

Master of Science in Kinesiology (Approved 7/28/2016)

Master of Science in Applied Gerontology (Approved 7/28/2016)

Post-Baccalaureate Certificate in Applied Gerontology (Approved 7/28/2016)

Post-Baccalaureate Certificate in Application of Dalcroze, Orff, and Kodaly (Approved 9/12/2016)

##### **University of Maryland Eastern Shore**

Bachelor of Arts in African American Studies (Approved 9/12/2016)

##### **University of Baltimore**

Master of Science in Forensic Science – Forensic Accounting (Acknowledged 10/4/2016)

##### **Frostburg State University**

Upper Division Certificate in Networking (Approved 7/28/2016)

Upper Division Certificate in Software Development (Approved 7/28/2016)

Upper Division Certificate in Programming (Approved 7/28/2016)

Upper Division Certificate in Secondary/Adult Generic Special Education (Approved 7/28/2016)

Upper Division Certificate in International Area Studies (Approved 7/28/2016)

##### **Salisbury University**

Bachelor of Science in Business Administration (Approved 9/14/2016)

## **Community Colleges**

### **Community College of Baltimore County**

Associate of Applied Science in Geospatial Applications (Statewide) (Approved 9/13/2016)

Lower Division Certificate in Introduction to Geospatial Applications (Statewide) (Approved 9/13/2016)

### **Cecil College**

Associate of Arts in Secondary Education – Art (Acknowledged 5/16/2016)

Lower-Division Certificate in Visual Communication Graphic Design  
(Acknowledged 12/12/2016)

Lower-Division Certificate in Transportation & Logistics – Government Logistics  
(Acknowledged 12/12/2016)

Lower-Division Certificate in Transportation & Logistics – Transportation Management  
(Acknowledged 12/12/2016)

Lower-Division Certificate in Government Contracting Statewide  
(Acknowledged 12/12/2016)

Associate of Arts in Government Contracting (Acknowledged 12/12/2016)

### **Community College of Baltimore County**

Lower-Division Certificate in Massage Therapy (Acknowledged 12/5/2016)

### **Hagerstown Community College**

Lower-Division Certificate in Technician Specialist 1; Small Business Technology, and Desktop User Specialist

## **PROPOSALS WITHDRAWN**

### **Out-of-state Institutions**

#### **University of South Alabama**

Out-of-State renewal application (Withdrawn 8/9/2016)

#### **Central Michigan University**

Certificate in Cybersecurity @ Fort Meade (Withdrawn 12/12/2016)

## **PARTNERSHIPS AND OFF-CAMPUS ACTIONS**

### **Public Four-Year Colleges and Universities**

#### **Towson University**

Closed-site offering of the Master of Education in Early Childhood Education @ Four Seasons ES (Acknowledged 10/3/2016)

Closed-site offering of the Master of Science in Instructional Technology @ Parkville High School (Acknowledged 10/4/2016)

Closed-site offering of the Master of Education in Secondary Education @ Parkville High School (Acknowledged 10/4/2016)



Closed-site offering of the Master of Science in Human Resource Development Educational Leadership (with electives in Special Education) @ Parkville High School (Acknowledged 10/4/2016)

Closed-site offering of the Master of Science in Human Resource Development Educational Leadership @ Parkville High School (Acknowledged 10/4/2016)

Closed-site offering of Post-Baccalaureate Certificate in Autism Studies to Howard County Public Schools

Closed-site offering of Post-Baccalaureate Certificate in Integrated STEM Instructional Leadership (PreK – 6) @ Anne Arundel County Public Schools

### **University of Maryland, Eastern Shore**

Articulate Agreement with Maryland State Department of Education  
(Acknowledged 12/20/2016)

### **Out-of-state Institutions**

#### **University of Delaware**

Closed-site offering of Introduction to RADAR Systems and RF Electronics II to employees of Aberdeen Proving Ground (Acknowledged 8/1/2016)

#### **Southern Illinois University**

Closed-site offering of the Bachelor of Science in Health Care Management to employees of Walter Reed National Naval Medical Center (Acknowledged 7/27/2016)