



BOWLING GREEN STATE UNIVERSITY
Duplicate Programs
April 19, 2017

I. Background

In response to the Governor’s Task Force on Affordability and Efficiency’s recommendation, the Ohio Department of Higher Education (ODHE) identified duplicative academic programs offered at public institutions across the state. Within the Northwest Ohio region, Bowling Green State University (BGSU) and the University of Toledo (UT) were each asked to review and respond to the list of duplicative programs put forth by ODHE, and “to identify opportunities to consolidate.”

A total of 50 programs were identified by ODHE for review by BGSU and UT. Presidents of both institutions, as well as the Provosts, discussed the list and reviewed the information provided. Members of BGSU’s Academic Affairs leadership team, led by the Provost, considered the 50 programs, and based on characteristics including quality, centrality to the University Mission, cost effectiveness of course/programs, and others, categorized the programs into two groups; those not requiring further action (N=34) and those targeted for further review and action (N=16). The Deans of the College of Arts and Sciences, College of Business Administration, College of Education and Human Development, College of Health and Human Services, College of Musical Arts, College of Technology, Architecture, and Applied Engineering, and BGSU’s regional campus, BGSU Firelands were then asked to provide information about the 16 programs considered for further action.

For five programs in this report, the rationale is not based on the original degree totals and enrollment data provided for review. In 2015 BGSU completed a comprehensive review of CIP codes, which resulted in realignment of some academic programs with different CIP codes. The programs in this report that were affected by this realignment are identified with an asterisk (*) next to the program name. As requested by the Task Force, BGSU has carefully considered the status of each of the 50 programs as detailed below.

II. Duplicate Programs Not Targeted for Action

Program Name	Rationale for Leaving Program in its Current Form
1. Accounting	Program is ranked #1 in Ohio; College of Business Administration is nationally ranked by <i>U.S. News and World Report</i> , <i>Bloomberg Businessweek</i> and <i>Princeton Review</i> ; program supports other programs in the college; robust enrollments and a large number of degrees awarded (238); strong job placement rate.
2. Art/Art Studies, General	Robust enrollments and large number of degrees awarded (166); aligns with Mission (Historical strength in the Arts); supports related arts programs.
3. Asian Studies/Civilization	Mission (Understanding & Engaging Culture); steady enrollments with a sustaining number of degrees awarded (33); program/cluster review currently in progress; major curriculum delivered via History, Political Science, English, Geography, Theatre & Film, others; <i>identified as a program where UT and BGSU may be able to collaborate.</i>
4. Biology/Biological Sciences, General	Robust enrollment and large number of degrees awarded (241); supports general education program; pattern of increase in degrees awarded; supports graduate and pre-professional preparation; supports degrees leading to Ohio’s In-Demand Occupations. ¹

¹In Demand Occupations Requiring a Bachelor’s Degree, Ohio Department of Job and Family Services, February 2017

5. Business Administration and Management, General	Robust enrollments in courses and strong number of degrees awarded (84); College of Business Administration is nationally ranked by <i>U.S. News and World Report</i> , <i>Bloomberg Businessweek</i> , and <i>Princeton Review</i> .
6. Chemistry, General	Robust enrollments; supports general education program; pattern of increase in degrees awarded; supports graduate and pre-professional preparation; supports forensic science program and Ohio's Center for the Future of Forensic Science; supports other degrees leading to Ohio's In-Demand Occupations. ¹
7. Clinical Laboratory Science/Medical Technology/Technologist	Enrollments at capacity of program staffing; competitive admission; Ohio In-Demand Occupation. ¹
8. Construction Engineering Technology/Technician*	Robust and growing enrollment with strong number of degrees awarded (91); prepares graduates for Ohio In-Demand Occupations. ¹
9. Criminal Justice/Safety Studies	Robust and growing enrollment with large number of degrees awarded (217); new major in Forensic Investigation; affiliation with Ohio's Center for the Future of Forensic Science; preparation for graduate programs in Criminal Justice.
10. Digital Arts	Robust and growing enrollment; high graduation rate; sustaining number of degrees awarded (30); aligns with Mission (historical strength in the Arts); area of growth in demand for graduates.
11. Economics, General	Robust enrollment and strong number of graduates (73); College of Business Administration nationally ranked by <i>U.S. News and World Report</i> , <i>Bloomberg Businessweek</i> , and <i>Princeton Review</i> ; program supports other degrees/minors within the college; BA option in Arts & Sciences.
12. English Language & Literature, General	Supports teacher education language arts; steady enrollments with strong number of degrees awarded (76); Program/cluster review recently completed.
13. Finance, General	Growing enrollments with strong number of degrees awarded (116); strong job placement rate, College of Business Administration nationally ranked by <i>U.S. News and World Report</i> , <i>Bloomberg Businessweek</i> , and <i>Princeton Review</i> ; program supports other degrees in the college.
14. Geography	Mission (Science, Sustainability & Environment); enrollment steady for past three years and strong number of degrees awarded (56); supports general education program (and International Perspective requirement); strategically aligned with programs in sustainability.
15. Geology/Earth Science, General	Mission (Science, Sustainability & Environment); robust in combination with programs in School of Earth, Environment & Society; providing specialized majors skews the program's comparison with UT (does not include Environmental Studies); supports general education program.
16. History, General	Robust enrollments and strong number of degrees awarded (82); supports general education program and preparation for graduate and professional study.
17. International Relations & Affairs	Sufficient enrollment and sustaining number of degrees awarded (30); focused curriculum; Mission (Understanding & Engaging Culture); robust enrollment and programming; ratio of graduates to faculty/administrators is high (one tenure track, all other faculty serve other programs/interdisciplinary coursework); distinct from UT: language competency and regional focus at BGSU.

¹In Demand Occupations Requiring a Bachelor's Degree, Ohio Department of Job and Family Services, February 2017

18. Kindergarten/Preschool Education & Teaching	Teacher education programs nationally ranked; Inclusive Early Childhood Education was first program to offer undergraduates multiple credential dual-licensure program; strong enrollments and large number of degrees awarded (446); strong job placement rates.
19. Liberal Arts & Sciences/Liberal Studies	Robust enrollment and large number of degrees awarded (430); Degree completion type of offering and aligned with mission (serves adult students/degree completers); offers online option and individualized degrees.
20. Logistics, Materials, & Supply Chain Management	Robust enrollment and large number of degrees awarded (157); College of Business Administration nationally ranked by <i>U.S. News and World Report</i> , <i>Bloomberg Businessweek</i> , and <i>Princeton Review</i> ; steady growth in number of graduates; strong job placement rate; program supports Northwest Ohio's JobsOhio target industries and Ohio In-Demand Occupations. ¹
21. Marketing/Marketing Management, General	College of Business Administration nationally ranked among top programs by <i>U.S. News and World Report</i> , <i>Bloomberg Businessweek</i> and <i>Princeton Review</i> ; program supports other degrees in the marketing area including sales and services marketing; robust enrollments in courses offered with overall strong number of degrees awarded (36+120=156).
22. Mathematics, General	Program supports general education program and qualitative literacy graduation requirement, math teacher education, and other majors; also supports growing enrollments in data science.
23. Mechanical Engineering/Mechanical Technology/Technician*	Program has been repositioned to prepare students for careers in robotics and advanced manufacturing; students enter program in pre-major field; program also includes Quality Systems, an interdisciplinary field now offered as an online degree completion program targeted for enrollment growth and preparation of students for JobsOhio Target Industries in Northwest Ohio and throughout the state. ¹
24. Music, General	Program provides interdisciplinary/multidisciplinary option for degree completion offered within nationally recognized College of Musical Arts.
25. Parks, Recreation & Leisure Studies	Robust enrollment and solid number of degrees awarded (70); steady enrollment growth for past five years; tourism is major economic driver for Ohio; industry growth nationally and internationally.
26. Philosophy	Internationally recognized program and steady enrollment; serves as minor for pre-professional studies; feeds graduate programs in applied philosophy; supports new multidisciplinary program in Philosophy, Politics, Economics, and Law.
27. Physics, General	Strong placement of graduates in doctorate and professional programs; recently updated research and computational facilities; growing enrollment in major (19 vs 31 majors - Fall 2016); supports general education, sciences, and STEM programs.
28. Political Science & Government, General	Robust enrollment and strong number of degrees awarded (132); supports general education requirement; pattern of increasing enrollment growth; serves as preparation for professional school; supports new multidisciplinary program in Philosophy, Politics, Economics, and Law.
29. Psychology, General	Robust enrollments and large number of degrees awarded (373); supports general education requirement; pattern of increasing enrollment growth and degrees awarded.

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30. Registered Nursing/Registered Nurse	Robust enrollments; program is offered in partnership with UT; competitive/selective program; supports the need for in-demand occupations. ¹
31. Social Work	Robust enrollment and strong number of degrees awarded (123); pattern of growth in number of degrees awarded; prepares students for graduate program; Ohio In-Demand Occupation. ¹
32. Sociology	Nationally recognized program; robust enrollments in courses; program supports general education program as well as programs in related areas such as criminal justice.
33. Spanish Language & Literature	Robust enrollments and sustaining degrees awarded (39); program serves general education and teacher education programs; Mission (Understanding & Engaging Culture); currently under program/cluster review; reorganization into World Languages & Cultures with global curriculum creates efficiency; growing area of interest from undergraduate students.
34. Special Education & Teaching, General	Robust enrollments and large number of degrees awarded (341); Intervention Specialist program is one of the largest in Ohio and offers opportunity to obtain dual licensure to teach students with learning disabilities/differences.

III. Duplicate Programs and Recommended Actions

Program Name	Action and Rationale	Collaboration Partners
Potential Elimination/Elimination		
1. Accounting Technology/Technician & Bookkeeping	Consider for Elimination; small enrollments and degrees awarded (4).	
2. Business/Commerce, General	Consider for Elimination; small enrollments and degrees awarded (11).	
3. Athletic Training/Trainer	Eliminating undergraduate program – Professional graduate program in athletic training is under review by ODHE with anticipated start date of July 2018. All undergraduate programs are being closed as directed by the Commission on Accreditation of Athletic Training Education (CAATE).	
4. Teacher Education, Multiple Levels	Eliminated – This program has already been repositioned as the Adolescent Young Adult (AYA) Integrated Sciences created to respond to market demands, specifically small school districts that needed teachers licensed to teach multiple content areas. To ensure students have sufficient content knowledge (Chemistry, Physics, Biology, Geology, etc.), the specialization requires more credit hours than other single- or dual-specialization options (145, as required by the State of Ohio) which impacts enrollment. This program requires no additional resources as there are no courses designated only for AYA; AYA students are integrated with majors in the sciences and other single- and dual-subject licenses.	

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Reposition		
5. Drama & Dramatics/Theatre Arts, General	Reposition – There are robust enrollments in combined BA programs; Mission (historical strength in the Arts); BA provides liberal arts option and double major option in Theatre; BGSU is awaiting response as a result of National Association of Schools of Theatre accreditation review conducted November 2016.	
6. Film/Cinema/Video Studies*	Reposition – low numbers are artifact of split in degree to accommodate student interest, combination of old and new majors (162); scheduled for program/cluster review in 2017-2018; program supports Film Production; robust enrollments when considered with Film Production (163 majors).	
7. Women’s Studies	Reposition – Mission/Historical Strength (Diversity & Inclusion, Understanding & Engaging Cultures); low cost (limited faculty/strong SCH generation, 2/3 courses are shared with other programs in School of Cultural & Critical Studies); scheduled for program/cluster review with SCCS in 2017-2018.	
Opportunity for Collaboration		
8. American/United States Studies/Civilization	Collaborate – program name is American Culture Studies (American Studies at UT); area of specialization distinct from UT; undergraduate program is feeder to prominent high quality graduate program; fits Mission/Historical Strength (Understanding & Engaging Cultures); low cost (interdisciplinary courses housed in other areas).	UT
9. Art History, Criticism, & Conservation	Collaborate – program supports BFA; provides degree completion option for former BFA students; traditionally strong Arts program; supports Arts Mission; School of Art and General Education program.	UT
10. French Language & Literature	Collaborate – Mission (Understanding & Engaging Culture), supports world language teacher education and general education/International Perspective requirement; currently under program/cluster review; reorganization into World Languages & Cultures with global curriculum creates efficiency, distinct from UT.	UT
11. German Language & Literature	Collaborate – Mission (Understanding & Engaging Culture), supports world language education teacher education and general education/International Perspective requirement; currently under cluster/program review; reorganization into World Languages & Cultures with global curriculum creates efficiency, distinct from UT.	UT
Plans for Growth		
12. Computer Engineering, General*	New Program and Growth Opportunity - Grow and ensure it is aligned with software engineering degree program – although there were 6 degrees awarded in 2016 and 7 as of fall 2017, fall 2016 headcount was 65; prepares students for Ohio In-Demand Occupations. ¹	

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13. Electromechanical Technology/Electromechanical Engineering*	New Program and Growth Opportunity – program has been repositioned as Mechatronics Engineering Technology, a newer field of science associated with analysis, applied design, development, implementation, and management of advanced mechatronics and robotics systems, combining key concepts from mechanical engineering, electronics, computer engineering, telecommunications engineering, systems engineering and control engineering; supports advanced manufacturing sector of Ohio’s economy and JobsOhio target industries in Northwest Ohio, including but not limited to advanced manufacturing; prepares students for Ohio In-Demand Occupations. ¹	
14. Information Science/Studies	Grow – Spring 2017 has 30 students in the minor from Arts & Sciences, Education, and Business; program supports Information Systems Auditing & Control, Business Analytics, and Supply Chain programs via dual specialization options; course offerings strengthen the accounting bachelors program that has robust enrollments and job placement rates; prepares students for Ohio In-Demand Occupations. ¹	
15. International Business/Trade/Commerce	Grow – Popular secondary major/minor for BSBA; enrollment of 80 for Fall 2016, specialization redesigned in Fall 2015; program provides fundamental global economic forces influencing domestic business decisions for business and non-business graduates working in international organizations.	
16. Respiratory Care Therapy/Therapist	Grow – program offered at BGSU Firelands to serve the regional/state need; (Ohio Bureau of Labor Market Information, Office of Workforce Development forecasts) 9.5% increase in employment annually for graduates through 2024.	

IV. Next Steps

Results of the preliminary review of the 50 duplicate programs indicate that more than 2/3 of the programs have positive or robust enrollments, steady or growing graduation outcomes, support other academic programs and general education requirements, or prepare students for JobsOhio and In-Demand Occupations in the region and across the state. It should be noted that institutional mission and program/college reputation are part of the history and fabric of an institution, and challenging to evaluate when compared to more objective measures.

Prior to December 31, 2017, BGSU will more closely analyze the 16 programs identified for further action to make a final decision regarding their future. This analysis will include working with the various faculty governance groups to ensure that the final decision is appropriate for the future of the University and the region. Bowling Green State University recognizes the importance of this further evaluation, thoughtful discussion, and objective creativity as we work together to determine the future of higher education in Northwest Ohio and throughout the state.

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