WRIGHT STATE UNIVERSITY

Low-Enrollment Course and Program

and Duplicate Program

Report

2025

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Low-Enrollment Course and Program and Duplicate Program Report

Overview

Background

Section 3345.35 of the Ohio Revised Code requires that the boards of trustees of each state institution of higher education evaluate all courses and programs based on enrollment and duplication with other state institutions of higher education.

Section 3345.35

Not later than September 1, 2022, and by the first day of September of every third year thereafter, the board of trustees of each state institution of higher education, as defined in section 3345.011 of the Revised Code, shall evaluate all courses and programs the institution offers based on enrollment and duplication of its courses and programs with those of other state institutions of higher education within a geographic region, as determined by the chancellor of higher education. For courses and programs with low enrollment, as defined by the chancellor, the board of trustees shall provide a summary of recommended actions, including consideration of collaboration with other state institutions of higher education. For duplicative programs, as defined by the chancellor, the board of trustees shall evaluate the benefits of collaboration with other institutions of higher education to deliver the program.

Each board of trustees shall submit its findings under this section to the chancellor not later than thirty days after the completion of the evaluations or as part of submitting the annual efficiency report required pursuant to section 3333.95 of the Revised Code.

Reporting Requirements

To comply with the legislation, the Chancellor provides a definition of low-enrollment courses and programs and the Department of Higher Education provides a list of duplicative programs within each region of the state, with particular attention to co-located campuses.

The board of trustees of each state college and university must submit a report that includes:
- a description of the process and data used to identify courses and programs that meet the Chancellor's definition of low enrollments;
- a summary of recommended actions for each identified low enrollment course (e.g., no action, course elimination, reduction in the number of sections or the timing of sections, change in course delivery modality, targeted as a candidate for course sharing);
- a summary of recommended actions for each low enrollment program (e.g., no action, close program, merge with other programs in the institution, collaborate with other state institutions);

- for each duplicative program not targeted for action, a rationale for continuing the program in its current form; and
- for each duplicative program considered for action, the recommended action (e.g., close program, collaborate with other state institutions).

The reports shall be approved by the boards of trustees and submitted along with the board resolution by September 1, 2025.

Future Reporting Requirements

The 2028 Low Enrollment Course and Program and Duplicate Program Report will include an evaluation of the strategies and actions identified in this report to increase enrollment and/or reduce cost in low enrollment courses and programs. The Department of Higher Education will provide guidance and an optional template for reporting these outcomes.

Low-Enrollment Courses

Low-Enrollment Course Thresholds

In 2015, Wright State University established the following thresholds for the purpose of evaluating low-enrollment courses per section 3345.35 of the Revised Code (see Table 1).

Table 1. *Wright State University Course Enrollment Thresholds*

Course level	Number of students enrolled
7000, 8000, and 9000	5
3000, 4000, 5000, and 6000	10
1000 and 2000	20

To comply with the legislation, the Chancellor defined low-enrollment courses as course sections that fall below 20% above the institutionally-defined threshold for that course section over two or more semesters (see Appendix A). Table 2 displays the criteria used to define low-enrollment courses at Wright State University based on the Chancellor's definition of low-enrollment courses and Wright State's course enrollment thresholds.

Table 2. *Wright State University Low-Enrollment Course Definition*

Course level	Number of students enrolled
7000, 8000, and 9000	5 or less
3000, 4000, 5000, and 6000	11 or less
1000 and 2000	23 or less

Low-Enrollment Course Identification

Course section enrollments as of the first day of fall and spring semesters for the past three academic years (2022-23 through 2024-25) were evaluated. The selection of course sections was limited to those offered in a lecture, lecture/lab combination, or lecture/recitation combination format at the Dayton, Ohio, or Celina, Ohio, (Lake) campus in either an in-person, online, or hybrid delivery mode. Courses taught at high schools were excluded. For cross-listed course sections, the total number of students enrolled in the cross-listed course sections were evaluated based on the low-enrollment definition for the minimum course level within the cross-listed course sections. Courses for which day-one enrollments met the definition of low-enrollment courses, over the last two semesters in which course sections were offered, were subject to review.

Table 3 displays the total number of courses and course sections evaluated for low enrollment and, of those, the total number determined to have met the Chancellor's definition of low enrollment.

Table 3. *Number of Courses and Sections Evaluated and Number Identified as Low Enrollment by Course Level*

Course level	Number reviewed		Number identified as low enrollment	
	Courses	Sections	Courses	Sections
1000	126	525	57	169
2000	228	752	94	256
3000	279	712	59	134
4000	317	729	91	203
5000	6	14	1	2
6000	33	86	9	19
7000	233	521	35	77
8000	36	73	8	16
9000	37	100	2	8
Total	1,295	3,512	356	884

Low-Enrollment Course Analysis

The provost and deans at Wright State University evaluated the 356 low-enrollment courses. To assist in evaluations, the ODHE provided guidance on the factors that should be considered when determining recommended actions for low-enrollment courses (see Appendix B).

Low-enrollment courses are to be evaluated for one of the following recommended actions:
- No action,
- Change timing of course offerings,
- Collaborate with other state institutions,
- Eliminate,
- Reduce the number of sections, or
- Other (please specify).

Table 4 displays the number of recommended actions made for all low-enrollment courses.

Table 4. *Number of Recommended Actions by Low-Enrollment Course Level*

Recommended action	Number of low-enrollment courses			
	1000-2000	3000-6000	7000-9000	Total
No action	93	92	23	210
Change timing of course offerings	6	8	2	16
Eliminate	15	21	9	45
Reduce the number of sections	17	6	2	25
Other	20	33	9	62
Total	151	160	45	356

In addition to making a recommendation for each low-enrollment course, the provost and deans provided the rationale for the recommended action. Table 5 displays the recommended action and rationale for each low-enrollment course.

Table 5. *Recommended Action and Rationale by Low-Enrollment Course*

Course	Number of low-enrollment sections	Average enrollment	Recommendation	Rationale
AES1210	4	12.3	No action.	Air Force ROTC classes are required for program completion (commissioning) and are offered in a specific order. Thus, they cannot be moved to other semesters/years of the program or eliminated. The instructors for the courses are not paid by the University and thus the small sections should not increase the burden on the University.
AES1230	4	8.3		
AES2210	4	9.5		
AES2230	4	7.3		
AES3310	3	6.3		
AES3330	2	9.0		
AES4310	2	7.5		
AES4330	4	3.5		
AFS3890	2	6.5	No action.	This is a variable topics course that we need to keep on the books.
AFS4990	2	7.5		
APS4020	2	11.0	Reduce the number of sections.	Will move to only offer once/year. Program requirement for the BTAS degrees.
ARA1010	2	12.0	Other. Suspend offering indefinitely.	Keep in catalog in case demand rebounds.
ARA1020	2	7.0		
ASL1020	5	12.8	No action.	Keeping low-enrolled sign language classes supports essential communication skills that benefit students entering fields such as healthcare, education, and public service, where the ability to interact with the Deaf and hard-of-hearing community is increasingly valuable. Additionally, Students in American Sign Language (ASL) need to be able to clearly see the teacher at all times and the instructor needs to be able to see the hands of each of their students. Larger class sizes make this difficult. Lake Campus only offers one section per year and it is the only foreign language requirement offered face to face at Lake Campus.
ASL2010	4	16.3		
ASL2020	4	13.5		

Course	Number of low-enrollment sections	Average enrollment	Recommendation	Rationale
ASL4020	2	7.0	No action.	Keeping low-enrolled sign language classes supports essential communication skills that benefit students entering fields such as healthcare, education, and public service, where the ability to interact with the Deaf and hard-of-hearing community is increasingly valuable. Additionally, Students in American Sign Language (ASL) need to be able to clearly see the teacher at all times and the instructor needs to be able to see the hands of each of their students. Larger class sizes make this difficult.
ATH4700	2	6.5	Other. Revisit curriculum.	Geography and Anthropology majors will be merged. When this proposal is drafted, this course will be considered for alteration or elimination.
ATR7800	2	3.5	No action.	This course is a requirement for the MAT program, which has experienced steady growth in enrollment each year. We anticipate having 6 students enrolled this coming year and 12 the following year.
ATR7810	2	3.5		
AVI2000	2	8.5	No action.	The aviation program was new last year. Expected enrollment Fall 2025 is 40 students.
AVI2010	2	8.5		
AVI2250	2	9.0		
BIO3150	2	9.5	No action.	Only offer every other year. Required for Integrated Science Studies (ISS) degree.
BIO3460	2	6.5	Other. Explore curricular revision with other Teacher Education science course requirements.	At the Dayton campus, the course is offered at the specific request of the Teacher Education department (TED) at their specific request and course enrollment depends on the number of students in the TED program. We offer on an alternating year rotation and will work with TED to determine the optimal days/times for offering this course to increase its enrollment. At the Lake Campus, the course is a middle childhood education requirement.
BMB1010	2	18.5	No action.	Note: All of the BMB courses listed are part of both the BMB BS degree program and the new BMB BS/MS 4+1 program. All are required for the American Society of Biochemistry and Molecular Biology (ASBMB)-accredited BMB BS degree program, and all are capped no larger than 25 students. Thus, these courses are all essential for the BMB BS and BS/MS 4+1 program. This program has shown considerable growth just over the past two years (we reached the cap of 25 students in this course in Fall 2024), so we expect enrollment in these core courses will correspondingly increase. These courses are recent additions to Wright State's course offerings and purpose-built for these new programs.

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Course	Number of low-enrollment sections	Average enrollment	Recommendation	Rationale
BMB2000	2	15.5	No action.	Biochemistry and Molecular Biology (BMB) is a major that requires early coursework in other departments, this sophomore course (fall semester) is important for retention of students in our program. See Note for BMB1000.
BMB2100	2	11.0	No action.	This course is an introductory course meant to set our majors up for success when taking advance coursework in the junior and senior year. See Note for BMB1000 and BMB2000.
BMB3850	2	10.0	No action.	This represents the degree program's primary biochemistry laboratory course. See Note for BMB1000 and BMB2000.
BMB3900	2	9.0	No action.	Provides crucial intensive writing skills. See Note for BMB1000 and BMB2000.
BMB4750	2	9.5	No action.	Essential elective for graduation. Further, we want to offer diverse course options because our majors have many future opportunities in the sciences and our electives need to reflect this. Also, this, like all elective courses in the program, are held at most once every other year - if we offered them less frequently, student's ability to graduate with the minimum number of required BMB electives that meet the accreditation standards, would be significantly impacted. See Note for BMB1000 and BMB2000.
BME4421	3	6.0	No action.	Course is cross listed rendering it cost effective (>10 total numbers enrolled). Cross-listing includes one in resident and one distance taught at the same time.
BME4703	2	8.0	No action.	Course is cross listed; average 3-year enrollment is 12 (>10 total numbers enrolled). Cross-listing includes one in resident and one distance taught at the same time.
BME4910	4	6.8	No action.	Capstone I - required once each year. Not offered Spring.
BME4920	4	6.8	No action.	Capstone II - required once each year.
BUS2250	2	9.0	No action.	Required course for Defense Acquisition and Contracting Certificate. Offered once a year. This a new certificate in just its second year.
CHI1010	2	9.0	Other. Suspend offering indefinitely.	Keep in catalog in case demand rebounds.
CHI1020	2	9.0		
CHI2010	2	6.0		
CHI2020	2	4.0		
CHI3020	2	6.0		
CHM1000	2	8.0	No action.	This course will be on hold pending further clarification on the FYS.

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Course	Number of low-enrollment sections	Average enrollment	Recommendation	Rationale
CHM2120	2	11.5	No action.	New offering in Fall 2024 fell just below threshold. Expecting higher enrollments in coming fall for Dayton campus. It is required for the integrated science studies degree at the Lake Campus.
CHM2450	3	19.0	No action.	The capacity of the dedicated laboratory space is 24 students and thus will almost always be near the threshold. It is a middle childhood education requirement at the Lake Campus.
CHM3460	2	8.0	Other. Explore curricular revision with other Teacher Education science course requirements.	At the Dayton campus, the course is required for education majors and only offered in fall semesters of odd years moving forward. It is a middle childhood education requirement at the Lake Campus.
CHM4900	2	8.0	Other. Revisit curriculum.	Investigate potential role of class for undergraduate degree as well as collaboration across programs.
CHM4990	10	2.4	Other. Update schedule offering.	Undergraduate research, experiential learning with faculty in research, course is improperly designated as lecture (will be fixed going forward).
COM1010	3	12.0	No action.	Maximum enrollment per disciplinary standards is 25 and we need to offer multiple sections for general education. Current enrollment in Spring 2025 in five sections is all at or above minimum. Due to increase in capacity at the Lake Campus, additional section was added to capture overflow.
COM2020	3	17.7	Reduce the number of sections.	
COM2410	2	19.0		
COM2560	2	11.0	No action.	Required for new "Media Communication" program.
COM3680	2	9.0	Eliminate.	
COM4110	2	6.0		
CS1010	2	16.5	No action.	Program requirement for AAB. Only offering once/year at Lake Campus.
CS3260	2	7.0	Other. Review curriculum.	Evaluate need for course, or redesign as part of curricular revision of MTH/STT program.
CS5160	2	4.5	No action.	Special course for graduate students who have been admitted but cannot pass the basic programming skills requirements on arrival; Removing this course would require dismissing students or changing admission practices.
DAN1120	2	17.0	No action.	Disciplinary standards and space limitations require cap to be set at 20.
DAN2510	2	19.0		
DAN2520	2	17.0		
DAN3990	8	1.4		

(continued)

Course	Number of low-enrollment sections	Average enrollment	Recommendation	Rationale
EC7170	2	5.0	No action.	Required course for MS in Social and Applied Economics. Offered once a year.
ED1020	2	2.0	Eliminate.	Course will be deactivated
ED4420	2	5.5	No action.	Middle childhood education requirement. Potential changes due to licensure band changes.
ED4510	2	8.5	No action.	This course is cross-listed with three other sections- currently, there are 12 total students in the class.
ED4530	2	9.0	No action.	This class is cross-listed with three other sections. No one is registered in this section but there are 12 students in the other sections (6330, 6630, 4330).
ED4550	2	2.0	No action.	This is the one course unique to becoming a licensed world language teacher - a methods course on teaching Spanish/French/German/Latin, and is cross listed with ED 6770.
ED4590	2	8.5	No action.	Middle childhood education requirement. Potential changes due to licensure band changes.
ED6090	2	8.0	Eliminate.	Course will be deactivated.
ED6900	2	2.0	No action.	This course continues to be used as a "continuing education" course for educational workshops.
EDL7740	2	2.5	Eliminate.	This course was part of the Teacher Leader program, which was discontinued.
EDS4090	2	5.5	Other. Revisit demand.	This is a Dyslexia Certificate class, cross-listed with a graduate section, and is part of a 3-semester series. We will reach out to the students enrolled this summer and find out which students will continue in the fall.
EDS4190	2	4.5		
EDS4670	2	9.5	No action.	Middle childhood education requirement. Potential changes due to licensure band changes.
EE3510	2	9.5	No action.	Course required for BSEE.
EE4360	2	7.5	Reduce the number of sections.	Elective.
EE4420	2	6.5	No action.	Course is cross listed (>10 total numbers enrolled); Course highly aligns with WPAFB needs. Course is currently planned for only once annually.
EE7620	2	3.0	Reduce the number of sections.	
EES2510	2	17.5	No action.	Only offer once/ year. Required for Integrated Science Studies (ISS) degree.
EES2550	4	12.3	No action.	Required for integrated science studies degree at the Lake Campus.
EES3120	2	6.5		

Course	Number of low-enrollment sections	Average enrollment	Recommendation	Rationale
EES3180	2	7.5	No action.	Only offer every other year. Required for Integrated Science Studies (ISS) degree.
EES3460	2	6.0	Other. Explore curricular revision with other Teacher Education science course requirements.	At the Dayton campus, only offered in spring semesters of even years moving forward. It is a middle childhood education requirement at the Lake Campus.
EES4190	2	6.5	Other. Revisit curriculum.	Only offered every other year at the Lake campus, and is required for the integrated science studies degree. Will no longer be needed at the Dayton campus for the earth science program.
EES4210	2	6.5	Other. Revisit curriculum.	Will no longer be needed at the Dayton campus for the earth science program.
EES4340	2	6.5		
EES4430	2	6.5	Other. Revisit curriculum.	Course is necessary to provide options for advanced electives in EES program. Also, students in CHM MS program are being directed to take the cross-listed EES 6430. Collaborate between Dayton and Lake campuses to assess need after new program offerings are phased in.
EES4510	2	9.5	Other. Revisit curriculum.	Course is now being cross-listed with a similar BIO 4080. Collaborate between Dayton and Lake campuses to assess need after new program offerings are phased in.
ENG1030	4	16.8	Change timing of course offerings.	Recently cross-listed with ESL 1100; needs to be retained to meet international student need.
ENG1100	12	20.2	No action.	Disciplinary standards require a cap of no more than 20 students (Modern Language Association). In 2022, when we reduced the number of sections at the Dayton campus, we immediately had to recreate new sections because of demand. Reducing the number of sections offered at the Lake campus will continue as more students are completing this course via the College Credit Plus program.
ENG2100	16	20.6		
ENG4730	2	9.5	Other. Revisit curriculum.	Reviewing for possible elimination of program.
ENG4740	2	8.0		
ENG7020	2	4.5	Eliminate.	
ES7160	2	1.5	Other. Revisit curriculum.	Evaluate need in curriculum to determine if enrollments will grow or course will be eliminated.
FAS1010	2	13.0	Eliminate.	No longer offered a program requirement and no longer offered.

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Course	Number of low-enrollment sections	Average enrollment	Recommendation	Rationale
FAS2030	2	14.0	No action.	Program requirement for Agriculture degree. Only offering once/year at Lake Campus.
FAS2040	2	15.0		
FAS2100	2	12.5		
FAS2790	2	15.0	No action.	Special topics, offered as needed.
FAS4790	2	6.5		
FIN4260	2	10.0	No action.	Required course for Financial Services major. Offered once a year.
FIN4270	2	10.0		
FR1010	5	15.8	Reduce the number of sections.	
FR1020	3	12.3		
FR2010	3	10.3		
FR2020	2	15.5		
FR3110	2	10.0	Change timing of course offerings.	Offer fewer upper-level courses each semester, revise curriculum.
FR3120	2	6.5		
FR3320	2	7.0		
FR4030	2	9.0		
GEO4200	2	4.5	No action.	Expected enrollment increase due to recent establishment of GIS microcredentials and marketing them to several majors.
GEO4440	2	6.0	Other. Revisit curriculum.	Geography and Anthropology majors will be merged. When this proposal is drafted, this course will be considered for alteration or elimination.
GER1020	2	11.5	Other. Revisit demand.	Review over next 3 years to consider for elimination.
GER2010	2	11.5		
GER2020	2	8.5		
HED2330	2	6.0	Eliminate.	Course will be eliminated as part of the Health and Physical Education program being deactivated. Each course will be deactivated once the last cohort completes the course.
HED2850	2	10.5		
HED3350	2	5.5		
HED3850	2	5.5		
HED4850	2	4.5		
HPR2010	2	13.0		
HPR2020	2	10.0		
HPR2030	2	10.5		
HPR2040	2	12.0		
HPR3560	2	5.0		
HPR3850	2	5.0		

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Course	Number of low-enrollment sections	Average enrollment	Recommendation	Rationale
HPR4450	2	4.5	Eliminate.	Course will be eliminated as part of the Health and Physical Education program being deactivated. Each course will be deactivated once the last cohort completes the course.
HPR4850	2	4.5		
HST1200	2	13.0	No action.	Continue to reduce sections. Additional sections were added for overflow students.
HST2120	2	8.5	No action.	Middle childhood education requirement. Potential changes due to licensure band changes.
HST7820	6	2.5	Eliminate.	
HUM7500	2	1.5	Eliminate.	
IDL7230	2	4.5	Other. Revisit curriculum.	This course is part of the Instructional Design and Learning Technologies program, which students in that program must complete to graduate. Modifications to this program are pending a review in the summer of 2025.
IDL7240	2	4.5		
IHE6400	2	7.5	Reduce the number of sections.	
IHE6510	2	3.5	No action.	Course is cross-listed rendering it cost effective (>5 total numbers enrolled). Part of high-quality distance degree program.
IHE6810	3	5.7		
IHE6820	2	6.0		
IHE7010	2	2.5		
IHE7020	2	4.5		
ISE1110	4	10.3	Other. Revisit curriculum.	Currently a required BSISE course. Could be replaced by first year seminar.
ISE2211	3	18.0	Other. Review curriculum.	Review curriculum and course sequencing at the Dayton campus. Only offering once/year at Lake Campus and required course for BSME.
IT1010	2	16.0	No action.	Program requirement for AAB. Only offering once/year at Lake Campus.
IT1220	2	16.0		
IT1400	4	20.3		
IT2010	2	13.0		
IT2240	2	8.0		
IT2320	2	20.0		
IT2500	2	15.5		
IT3410	2	6.5		
IT3450	2	6.5		
IT4310	2	7.0		
IT4400	2	4.0		

Course	Number of low-enrollment sections	Average enrollment	Recommendation	Rationale
JPN1020	2	17.5	Other. Revisit demand.	Review over next 3 years to consider for elimination.
KNH2410	2	15.0	Reduce the number of sections.	Only offering one section per year moving forward.
KNH2420	2	15.0		
KNH2600	2	21.0	No action.	Course is capped due to restrictions from the American Red Cross and available equipment
KNH7550	2	3.5	No action.	This course is required for the MAT program which has increased enrollment every year. We will have 6 students enrolled this upcoming year, and 12 the year after that.
LAT1010	2	15.5	Other. Suspend offering indefinitely.	Keep in catalog in case demand rebounds.
LAT1020	2	7.0		
LAT2010	2	13.0		
LAT2020	2	11.5		
LE1000	2	8.0	Eliminate.	No longer offered at the Lake Campus.
LE1100	2	9.0	No action.	Program requirement for Police Academy.
LE1110	2	8.5		
LE1120	2	8.5		
LE1130	2	7.5		
LE1150	2	7.5	Eliminate.	No longer offered at the Lake Campus.
ME2120	2	16.0	Other. Review curriculum.	Review curriculum and course sequencing at the Dayton campus. Only offering once/year at Lake Campus and required course for BSME.
ME2210	2	16.0		
ME2700	2	16.0		
ME3750	2	5.0	No action.	This is a required course for the Bachelor of Science in Materials Science & Engineering (BSMSE) program and is offered once a year.
ME3760	2	5.5		
ME4350	2	9.0	Reduce the number of sections.	
ME4540	2	8.5	No action.	Offered only every other year.
ME4620	3	9.0	No action.	Part of the CECS future emphasis on materials characterization via the Materials Characterization Center.
ME4740	2	6.0		

Course	Number of low-enrollment sections	Average enrollment	Recommendation	Rationale
ME4750	2	5.0	No action.	Low enrollment but required for BSMSE program; offered once a year. This course, along with the graduate section make use of state-of-the-art equipment. Part of the CECS future emphasis on materials characterization via the Materials Characterization Center.
ME4770	2	8.5	No action.	Part of the CECS future emphasis on materials characterization via the Materials Characterization Center
MGT4950	2	7.0	Eliminate.	Offered for the last time in F24. HRM major was redesigned with new courses.
MI4990	2	1.0	Eliminate.	
MIL1010	2	15.0	Reduce the number of sections.	Reduce the amount of course offerings to 1 per semester so as to compile all the students into one section which will eliminate low enrollment sections.
MIL1020	2	14.5		
MIL2010	2	15.0		
MIL2020	2	14.0		
MIS2150	2	12.5	No action.	Required course for MIS major. Offered once a year. Enrollment in the major has increased to 60 students which will increase the enrollment in this course.
MKT7970	2	2.0	No action.	Capstone course for MS MAI program. Faculty member is paid once a certain enrollment is achieved across multiple semesters. In addition, since this is a required course for MS MAI, hence 171 students will take this class in the next 2.5 years.
ML3990	2	7.5	No action.	Variable topics. Needed for major. May open up to non-majors.
MP1800	4	13.3	Change timing of course offerings.	This is a production course, which is hands on and requires a smaller class size. We will explore offering sections of the course less frequently.
MP2320	2	13.0	No action.	This is a required course. We can't offer it less often because it is a building block for others.
MP2810	2	12.5		
MP2820	2	11.0	No action.	This is a production course, so requires a smaller class size (cap should be 14).
MP3320	2	3.5	No action.	Variable topics. Needed for major. May open up to non-majors.
MP3820	2	9.5	No action.	Hands-on, production-based and requiring limited camera equipment.
MP4360	7	7.1	No action.	Variable topics, needed for major
MS2050	2	16.0	Reduce the number of sections.	Only offer once/ year.
MTH1280	3	13.7	Reduce the number of sections.	Only offer one section per term. More students not needing as CCP students are bringing in this credit.

Course	Number of low-enrollment sections	Average enrollment	Recommendation	Rationale
MTH2001	2	15.0	No action.	Only offered once per year. Supports student success and retention in the major.
MTH2300	2	11.5	No action.	Monitor enrollment, required for BSME degree.
MTH2310	2	11.0	No action.	Program requirement for BSME. Only offering once/year at Lake Campus.
MTH2350	3	18.7	No action.	Only offered once per year. Required for multiple engineering programs. Total enrollment in Dayton campus is robust. Reducing frequency and number of sections per semester will potentially damage progress to degree. Only offering once/year at Lake Campus and required course for BSME.
MTH2435	3	16.3	Reduce the number of sections.	This is a required course for all Middle Childhood and Early Childhood majors.
MTH2800	2	20.0	No action.	Core class required for majors. Frequency has been reduced so enrollment is higher than previous years.
MTH3330	2	8.5	No action.	Course required for several majors on campus. Offered once a year
MTH3480	2	6.0	Eliminate.	No longer offered.
MTH4320	2	5.5	No action.	Required class for the majors. Program redesign will address growth and enrollment.
MTH4400	2	7.0	No action.	Course offered every other year and is required by the state for those in the mathematics teacher licensure program.
MTH4460	2	11.0	No action.	Course offered once per year and is a requirement for the Middle Childhood majors with concentrations in Mathematics and also a required course for the BS Mathematics, Mathematics Education majors. Explore possibility of change in modality to reduce offerings across campuses. It is a middle childhood education requirement at the Lake Campus.
MTH4520	2	7.5	Other. Revisit curriculum.	Program redesign will address growth and enrollment. Required class for the majors.
MTH4550	2	7.5	Other. Revisit curriculum.	Program redesign will improve enrollment. Important class, especially for our new Data Science Concentration.
MTH4810	2	8.0	Change timing of course offerings.	Now offered every other year. Course is required of BS Mathematics, Applied Mathematics Concentration.
MTH4820	2	8.0	Other. Revisit curriculum.	Program redesign will change course and improve enrollment.
MTH4910	2	6.0	Change timing of course offerings.	Now offered every other year. Required of students getting a Mathematics Teaching License--BS Mathematics, Mathematics Education Concentration.

(continued)

Course	Number of low-enrollment sections	Average enrollment	Recommendation	Rationale
MTH7310	2	2.5	Eliminate.	
MTH7320	2	2.5		
MTH7510	2	2.5		
MUE2050	31	4.9	No action.	These are like independent studies. No one teaches this in-load.
MUE2460	2	7.5	No action.	This is only taught by adjuncts and paid for out of music fees.
MUE2700	2	11.5	No action.	This is a community outreach course, an orchestra that includes community members who do not sign up for credit. It is good PR for Wright State.
MUE2930	2	16.5	No action.	We are already seeing improvements since another new instructor has taken over.
MUE2940	2	13.0	No action.	Typically, a well-enrolled course that meets threshold but new faculty member was unaware of policy that requires first-year vocal majors to remain in treble for both Fall and Spring.
MUE4050	2	1.5	No action.	This is a studio class with sections for each instrumental, vocal, conducting, and composition studies.
MUS1150	2	17.5	No action.	Enrollment was hit by COVID, but has been coming back and near threshold.
MUS1310	2	9.0		
MUS1550	6	13.5		
MUS1560	6	10.3	No action.	There are only 18 pianos in the room.
MUS2230	2	14.5	No action.	It is a required course but we offer only one section per year.
MUS2260	2	6.5	No action.	Required for MEd degree, new faculty improving enrollment in this area.
MUS2310	2	5.5	No action.	Required for vocal Performance and vocal track MEd degree. Important for NASM accreditation.
MUS2620	2	6.5		
MUS2810	2	2.5	No action.	New instructor improving enrollment. Jazz important for accreditation.
MUS3270	2	5.5		
MUS3280	2	6.5	No action.	Important for NASM certification. Considered foundational and required for Instrumental Band track in MEd degree.
MUS3290	2	4.5	No action.	Requirement for vocal track in MEd and necessary for state certification
MUS3300	2	3.5	No action.	Requirement for vocal track in MEd and considered foundational and important to NASM certification.
MUS3340	2	8.5	No action.	Required for MEd degree.
MUS4140	2	7.5	No action.	This is a preparatory course for those going to grad school. Needed for accreditation.
MUS4200	2	6.0	No action.	Important for NASM certification, required for Vocal Performance degree.

Course	Number of low-enrollment sections	Average enrollment	Recommendation	Rationale
MUS4410	2	1.0	No action.	An option for those not wanting to perform a Music Ed senior recital. Elimination could affect retention and graduation rates.
MUS4430	2	7.5	No action.	Required for vocal majors in MEd and Performance.
NEU1020	2	20.5	No action.	NEU 1020 Is required for all BS Physiology and Neuroscience (PN) majors, and is one of a series of three 1000/2000 level cohort-courses that have proven to be extremely effective in contributing to the very high success rate of BS PN students. The BS PN program has very high retention and timely graduation rates, as well as overall graduate GPA.
NEU4600	2	2.5	Change timing of course offerings.	This course will be offered, at most, every other year, and likely, every three or four years.
NUR4800	2	4.0	Eliminate.	The RN to BSN program has been deactivated.
NUR4810	2	6.0		
NUR4850	2	5.5		
NUR4860	2	5.5		
NUR4870	2	5.5		
NUR4880	2	7.5		
NUR7202	2	2.0	No action.	This course is in the Acute Care Nurse Practitioner program, which is growing. In addition, it is a high-demand field for our Premier Partners.
NUR7301	2	2.0	Other. Revisit curriculum.	This course is part of the Administration of Nursing Master's program, which has currently paused admissions as we plan to revise the curriculum. In the meantime, we are continuing to teach out the students who are already enrolled in the program.
NUR7304	2	4.0		
NUR7305	2	3.5		
NUR7313	2	2.0		
NUR7731	2	1.0	No action.	
NUR7733	2	1.0		
NUR7734	2	1.0		
NUR7735	2	1.5		
NUR8800	2	2.5	No action.	This course is required in the Doctor of Nursing Practice (DNP) program, which is a newly launched offering. We are actively marketing the program to Premier Health nurses to boost enrollment.
NUR8815	2	2.5		
NUR8835	2	2.0		
NUR8840	2	1.5		
OIS1010	2	13.5	Eliminate.	No longer offered as program requirement and no longer offered.
OIS1020	2	9.5		
OIS1040	2	10.0		

(continued)

Course	Number of low-enrollment sections	Average enrollment	Recommendation	Rationale
OIS1160	2	17.5	No action.	Only offered once per year. Required for Associate of Applied Business (AAB) degree.
OIS1260	2	15.0		
OIS2120	2	12.0		
OIS2150	2	16.0		
OIS2180	2	10.5		
OIS2200	2	19.5	Eliminate.	No longer offered as program requirement and no longer offered.
PHY1120	2	12.5	No action.	Course used by many majors at Dayton Campus and usual enrollment in a section is greater than 30. Required for integrated science studies degree and offered once/year at the Lake Campus.
PHY2420	2	9.0	Reduce the number of sections.	Course used by Physics BS, BA, Sinclair Physics Associates and AFIT Nuclear engineering students.
PHY3150	2	5.5	Eliminate.	Course has been replaced by PHY1024/PHY2048 combination.
PHY3460	3	7.0	Other. Explore curricular revision with other Teacher Education science course requirements.	This course is required for science and physics education majors and offered once a year. It is a middle childhood education requirement at the Lake Campus.
PHY3710	2	7.0	No action.	Elective for Physics majors. Offered once a year
PHY4200	2	8.0	No action.	Elective for Physics BS and MS (6200). Programs are increasing in size. Offered once a year
PHY4500	2	8.5	No action.	Elective for Physics BS and MS (6500). Programs are increasing in size.
PHY4510	2	6.5	No action.	Elective for Physics BS and MS (6510). Programs are increasing in size.
PHY4600	2	6.5	No action.	Elective for Physics BS and MS (6600). Programs are increasing in size.
PHY4610	2	6.5	No action.	Elective for Physics BS and MS (6610). Programs are increasing in size.
PHY4730	2	7.0	No action.	Elective for Physics BS and Required course for Physics MS (6730). Programs are increasing in size.
PHY4830	2	6.5	No action.	Elective for Physics BS and Required course for Physics MS (6830). Programs are increasing in size.
PHY7100	2	3.5	No action.	Elective for Physics MS program. Offered once every two years. Physics MS is increasing in size.
PHY7110	2	4.0		
PLS4310	2	9.0	No action.	No longer offered at the Lake Campus.
PLS4870	2	9.0	Change timing of course offerings.	Offer this course less often (every other year). Important for networking with WPAFB, could serve Civic Center's National Security certificate or RSCoB's Defense Acquisition and Contracting certificate.

(continued)

Course	Number of low-enrollment sections	Average enrollment	Recommendation	Rationale
PN7010	3	1.0	No action.	This course is only offered when this course allows the student to successfully complete their MS program - this will continue moving forward. There is no cost to the course, as the instructor gets no "teaching credit".
PSI9940	6	3.0	No action.	Applied Teaching course. Students register for this course to receive credit for serving as Teaching Assistants for another School of Professional Psychology (SOPP) course. No additional resources used for this course.
PSY2030	2	16.0	No action.	Course performs important function for helping mental-health focused students pursue their degree and find appropriate careers. The Clinical Psychology concentration is our largest concentration. Can advertise better.
PSY3530	2	8.5	No action.	This is a methods course. Methods courses are required for graduation with the BS in Psychology. We need to offer options tied to a prior substantive course, e.g., Social Psychology Methods 3530 would follow Social Psychology 3510 (lecture).
PSY3930	2	10.0	No action.	Recommend to continue as is. Small class size necessary because of lab space. Necessary for Behavioral Neuroscience (BNS) concentration. Involves surgical procedures.
PSY9065	2	4.5	No action.	This course teaches quantitative skills essential for HFIO doctoral students. Class size should increase as we add new HFIO faculty and begin admitting a larger number of graduate students.
PTX7000	2	1.0	Eliminate.	This class is no longer taught in PTX.
PTX7002	4	3.3	Reduce the number of sections.	While some journal clubs have reached capacity, the clinical journal clubs, serving a smaller student population, currently have available space. Maintaining them ensures all students have access to this valuable learning opportunity.
PTX7005	2	4.5	No action.	Required for Clinical Investigation (MD/MS) students. Limited to five students annually due to PTU space and research constraints. This Capstone course serves as their PTU research defense, encompassing publications and departmental experiences. Not possible to increase enrollment at this time.
PTX8007	2	1.0	Change timing of course offerings.	This class will be available 1x/yr., not every semester.
PTX8040	2	1.5	Other. Revisit curriculum.	Right now, the Clinical Trials Certificate is driving the interest in this elective. If interest in this certificate drops (secondary to decrease in enrollment), can move to eliminate.

Course	Number of low-enrollment sections	Average enrollment	Recommendation	Rationale
PTX8061	2	3.0	Other. Increase enrollment.	PTX working with CECS (Engineering) counterparts to offer this course to their students. They offer a green belt, but not a black belt.
PTX8070	2	1.5	Change timing of course offerings.	This class will be available 1x/yr., not every semester.
RHB2010	2	13.0	Other. Revisit curriculum.	RHB courses are currently part of the Integrated Human Services (IHS) major, which is planned to merge with the Bachelor of Social Work (BSW) program. A comprehensive review of all courses will begin in summer 2025 to determine whether this course will remain necessary moving forward.
RHB3010	2	9.0		
RHB3030	2	9.0		
RHB3050	2	7.5		
RHB3640	2	2.0		
RHB4010	2	9.0		
RHB4020	2	3.5		
RHB4040	2	5.5		
RHB4070	2	7.5		
RST2710	2	10.0	Change timing of course offerings.	Offer this course less often (every other year)
SAA4100	2	4.0	No action.	No instructor is paid for this Special Topics course by our college. It is in our department. It is an undergraduate course that Residence Life and the Division of Student Affairs use to offer classes to undergraduate student leaders/students. The course descriptions specifically state: Topics related to the training of Residence Life staff and student leaders.
SAA6660	2	8.0	Eliminate.	This is a required course for the master's program in Student Affairs in Higher Education (SAHE). However, with the revisions made to the SAHE program, this course will no longer be offered after Fall 2025. It was eliminated from the program when we reduced the program from 44 hours to 39 hours.
SAA6670	2	8.5	No action.	Career Development Advising and Assessment is one of two required focus area courses that students take in the master's program in Student Affairs in Higher Education. Other students from other programs can also take these courses.
SAA6680	2	8.0	No action.	Career Development Programming and Employability is one of two required focus area courses that students take in the master's program in Student Affairs in Higher Education. Other students from other programs can also take these courses.

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Course	Number of low-enrollment sections	Average enrollment	Recommendation	Rationale
SLI3400	2	7.0	No action.	Maintaining sign language classes supports essential communication skills that benefit students entering fields such as healthcare, education, and public service, where the ability to interact with the Deaf and hard-of-hearing communities is increasingly valuable.
SLI3800	2	7.0		
SLI4570	2	8.5		
SLI4800	2	7.0		
SLI4900	2	3.5		
SM1010	3	17.3	Eliminate.	
SOC3300	2	5.5	Other. Revisit curriculum.	Consider change or elimination as part of redesign of sociology major into a concentration in Politics, Law, and Society.
SOC3500	2	8.0		
SPN1010	6	20.3	No action.	Disciplinary standards require a cap of no more than 20 students (Modern Language Association).
SPN1020	5	14.4	Reduce the number of sections.	We can offer fewer sections, but disciplinary standards still require the cap be set at 20.
SPN1100	2	11.0	Change timing of course offerings.	Not offering as often and plan to teach first year in A term and second in B term.
SPN2010	3	20.0	No action.	Disciplinary standards require a cap of no more than 20 students (Modern Language Association).
SPN2020	4	18.5		
SPN3220	2	8.5	Other. Revisit curriculum.	Plan to redesign curriculum.
SPN3990	2	7.0	No action.	Special topics course; we need to keep on books for flexibility.
STT4620	2	7.0	Reduce the number of sections.	An important elective class for undergraduate program.
STT4670	2	6.0	Reduce the number of sections.	An important elective class for undergraduate program and an elective for CS Master's program
STT7400	2	4.0	No action.	This is a required course in the Environmental Science PhD program (cross listed as ES 7140)
STT7670	2	1.5	Eliminate.	
TEG2920	2	1.0	No action.	Classes offered through Business Enterprise Center (BEC) - opportunity for growth.
TEG2940	2	1.5		
TEG2950	2	1.0		
TH1200	3	11.0	No action.	Class size limited to 10 due to space and supplies limits. Required course for major.
TH1440	4	15.5	No action.	Class size limited to meet BFA standards. Required course for major.
TH1450	4	14.8		

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Course	Number of low-enrollment sections	Average enrollment	Recommendation	Rationale
TH1470	3	13.3	Change timing of course offerings.	One section conflicted with other major classes. Will be careful to avoid this mistake in the future.
TH1480	4	15.3		
TH2020	2	2.5	No action.	Expect growing enrollment due to new faculty hire.
TH2190	2	8.5		
TH2260	2	8.5		
TH2440	4	13.3	No action.	Class size limited to meet BFA standards. Required course for major.
TH2450	2	9.5		
TH2540	4	15.8		
TH2550	4	14.8		
TH3210	2	6.0	No action.	Expect growing enrollment due to new faculty hire.
TH3290	2	5.5	No action.	New faculty will grow enrollment.
TH3450	2	9.0	No action.	Required course for Acting major, COVID affected enrollment, improving.
TH3470	2	9.0		
TH3510	2	4.5	No action.	Expect growing enrollment due to new faculty hire.
TH3540	2	9.5	No action.	Required course for Acting major, COVID affected enrollment, improving.
TH3990	10	2.5	No action.	These are independent studies in most cases.
TH4540	2	9.0	No action.	Required course for Acting major, COVID affected enrollment, improving.
TMG2700	2	13.5	No action.	Only offered once per year. Required for Associate of Applied Business (AAB) degree.

Low-Enrollment Programs

Low-Enrollment Program Thresholds

In 2015, Wright State University established the following thresholds for the purpose of evaluating low-enrollment programs per section 3345.35 of the Revised Code (see Table 6).

Table 6. *Wright State University Program Thresholds*

Award level	Average number of degrees awarded per year
Doctoral degree	4
Master's degree	8
Bachelor's and associate degrees	12

To comply with the legislation, the Chancellor defined low-enrollment programs as programs that fall below 20% above the institutionally-defined threshold for students in a program (see Appendix A). Table 7 displays the criteria used to define low-enrollment programs at Wright State University based on the Chancellor's definition of low-enrollment programs and Wright State's program thresholds.

Table 7. *Wright State University Low-Enrollment Program Definition*

Award level	Average number of degrees awarded per year
Doctoral degree	4 or less
Master's degree	9 or less
Bachelor's and associate degrees	14 or less

Low-Enrollment Program Identification

Programs are uniquely identified by award levels (or credential levels) and classification of instructional programs (CIP) codes, as reported to the National Center for Education Statistics' Integrated Postsecondary Education Data System (IPEDS). The selection of programs was limited to degree programs offered at Wright State University's Dayton, Ohio, and Celina, Ohio, (Lake) campuses as of spring semester 2025. Degrees awarded by program (i.e., unique award level and CIP code combinations) over the last three academic years (2021-22 through 2023-24) were evaluated. Programs for which the three-year average of number of degrees awarded per year met the definition of low-enrollment programs were subject to review.

Table 8 displays the total number of programs reviewed and, of those, the total number of programs determined to have met the Chancellor's definition of low enrollment.

Table 8. *Number of Programs Reviewed and Number Identified as Low Enrollment by Award Level*

Award level	Number reviewed	Number identified as low enrollment
Associate degree	8	7
Bachelor's degree	66	34
Master's degree	43	22
Doctoral degree	10	5
Total	127	68

Low-Enrollment Program Analysis

The provost and deans at Wright State University evaluated the 68 low-enrollment programs. To assist in evaluations, the ODHE provided guidance on the factors that should be considered when determining recommended actions for low-enrollment courses (see Appendix B).

Low-enrollment programs were evaluated for one of the following recommended actions:
- No action,
- Eliminate,
- Merge with other programs in the institutions, or
- Other (please specify).

Table 9 summarizes the number of recommended actions made for the low-enrollment programs.

Table 9. *Number of Low-Enrollment Programs by Recommended Action*

Recommended action	Number of programs
No action	16
Eliminate	9
Merge with other programs in the institution	23
Other	20
Total	68

In addition to making a recommendation for each low-enrolled program, the provost and deans provided the rationale for the recommended action (see Table 10).

Table 10. *Recommended Action and Rationale by Low-Enrollment Program*

CIP title	Award level	Number of graduates (3-year average)	Recommendation	Rationale
Aerospace, Aeronautical and Astronautical/Space Engineering.	Master's degree	2.00	No action	Mission centric; courses shared across programs.
Anthropology.	Bachelor's degree	7.33	Merge with other program	Merge Anthropology - BA and Geography - BS into one program.
Biochemistry and Molecular Biology.	Bachelor's degree	6.67	Merge with other program	Merge Biochemistry and Molecular Biology into either Biology or Chemistry.
Biochemistry and Molecular Biology.	Master's degree	4.67	Merge with other program	Merge Biochemistry and Molecular Biology into a new "Biomedical Sciences" program.
Bioengineering and Biomedical Engineering.	Master's degree	7.33	No action	Program is recovering from a total low enrollment of 16 in Fall 2022 to a current enrollment of 27 which is higher than its five-year average of 22. Additionally, there are currently 9 students enrolled in the PhD program focusing on BME.
Biology/Biological Sciences, General.	Associate degree	0.00	Merge with other program	Merge Biological Sciences - A.S into General Studies - AA program.
Biology/Biological Sciences, General.	Master's degree	7.00	Merge with other program	Merge Biological Sciences and Earth and Environmental Sciences into one new program named "Environmental Sciences."
Business/Managerial Economics.	Bachelor's degree	12.33	Other (modify)	Strong enrollment; develop plan to increase completions. The enrollment in Spring 2025 was 58 as compared to 56 in Spring 2024. Will try to merge some of the BA Economics-pre students into this program. A program needs 56 to 70 enrolled students (major & major-pre) in order to maintain a graduation rate of 14.
Chemistry, General.	Bachelor's degree	7.67	Other (modify)	Review curriculum for efficiencies or merge with other program.
Chemistry, General.	Master's degree	4.67	Merge with other program	Merge Chemistry with Forensic Science and Genetics to create a new master's degree program.

(continued)

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CIP title	Award level	Number of graduates (3-year average)	Recommendation	Rationale
Classics and Classical Languages, Literatures, and Linguistics, General.	Bachelor's degree	1.00	Eliminate	Low enrollment.
Clinical Laboratory Science/Medical Technology/Technologist.	Bachelor's degree	8.33	No action	New affiliation agreements should aid in increasing enrollments; meets regional workforce needs.
Computer and Information Systems Security/Information Assurance.	Master's degree	8.33	No action	Increasing Enrollment and new corporate agreement to increase yield
Computer Engineering Technology/Technician.	Bachelor's degree	0.33	Eliminate	Low enrollment. New Engineering Technology Program will replace this program
Computer Engineering, General.	Master's degree	7.33	No action	Mission centric; courses shared across CS and EE programs.
Computer Graphics.	Associate degree	6.00	Other (modify)	Strong enrollment; develop plan to increase completions.
Dance, General.	Bachelor's degree	5.00	No action	Enrollments are increasing.
Drama and Dramatics/Theatre Arts, General.	Bachelor's degree	3.00	Merge with other program	Merge Theatre Studies - BA into new bachelor's degree program named "Arts Management and Entrepreneurship."
Econometrics and Quantitative Economics.	Master's degree	5.67	Other (modify)	Faculty working to remove "social" from program name; increase emphasis on business analytics. The aim is to make the program more analytical (already replaced one "social" course with an econometrics course) and since it is a STEM program, they are beginning to target international students. Also, we plan to recruit for this program in a new way, following the successful digital marketing campaign we use for a different graduate degree.

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CIP title	Award level	Number of graduates (3-year average)	Recommendation	Rationale
Economics, General.	Bachelor's degree	2.33	Merge with other program	Merge Economics - BA into Management - BSB program or other program (there is an economics concentration in the International Studies major). Will have to create completion path for the majors while attempting to move the Economics-pre to the BSB Economics. This could have been an option for students at Sinclair Community College in Applied Associates degrees because of the high number of available general electives (31) versus organizational leadership offerings, but there has been no interest from Sinclair. Ironically, the enrollment in the Spring 2025 is 25 versus 13 in the Spring 2024. This program has struggled since its conception.
Education/Teaching of Individuals with Multiple Disabilities.	Bachelor's degree	7.33	No action	Enrollments are increasing. This program shares courses with other programs and meets regional workforce needs.
Education/Teaching of Individuals with Multiple Disabilities.	Master's degree	5.00	Other (modify)	Modifications to the program are required.
Electrical and Electronics Engineering	Doctoral degree (research/scholarship)	2.67	Merge with other program	Add Electrical Engineering as a concentration in Engineering - PHD.
Engineering Science.	Bachelor's degree	11.33	Other (modify)	Modifications to the program are required (e.g., operations/data analysis focus or offer as a minor).
Engineering Technology, General.	Associate degree	11.67	Other (modify)	ODHE approval to transition ATS program to AAS programs.
Engineering, Other.	Master's degree	2.33	No action	Most courses shared across programs.
English Language and Literature, General.	Master's degree	8.00	Other (modify)	Absorb Humanities - MH as a concentration.

(continued)

CIP title	Award level	Number of graduates (3-year average)	Recommendation	Rationale
Entrepreneurship/Entrepreneurial Studies.	Bachelor's degree	5.00	Other (modify)	Enrollments are increasing; develop plan to increase completions. The enrollment in Spring 2025 is 48 compared to enrollment of 34 in Spring 2024. Please note, this number is likely to be a conservative estimate as data is often reported from the perspective of the original degree sought whereas Entrepreneurship is often picked up as a second/dual degree for Marketing majors, etc.
Environmental Science.	Doctoral degree (research/scholarship)	2.00	No action	New "Environmental Sciences" master's degree program expected to become a pipeline for future enrollments.
Finance, General.	Bachelor's degree	10.33	Merge with other program	Merge Finance -BSB and Financial Services - BSB into one program with multiple concentrations: CFA track, CFP track (Professional Services), and Business Analytics track. We are looking to bring additional expertise into the college in this area to build a more niche Financial Services program that we could then more formally recruit for as it would be a curriculum differentiator not only in the region, but beyond. A strategic priority for the college is elevating the financial literacy of the state, hence, this is a key program for the college that we would like to invest in.
Geography.	Bachelor's degree	4.00	Merge with other program	Merge Anthropology - BA and Geography - BS into one program.
Geology/Earth Science, General.	Associate degree	1.00	Merge with other program	Merge Earth and Environmental Sci-AS into General Studies - AA program.
Health and Physical Education/Fitness, General.	Bachelor's degree	4.00	Eliminate	Low enrollment.
Industrial and Organizational Psychology.	Doctoral degree (research/scholarship)	3.00	No action	Mission centric.

CIP title	Award level	Number of graduates (3-year average)	Recommendation	Rationale
Information Science/Studies.	Bachelor's degree	13.33	No action	Enrollments are increasing. The enrollment in the Spring 2025 was 58, up from 34 Spring 2023.
Intercultural/Multicultural and Diversity Studies.	Bachelor's degree	2.33	Eliminate	Low enrollment.
International Business/Trade/Commerce.	Bachelor's degree	3.67	Eliminate	The college has not been able to merge it into any other college's program and being a regional college in the Midwest, the demand is low for this program. We can still offer it as a minor without any major impacts on total enrollment or reputation of the college. There is still opportunity to merge this program with International Studies in COLA potentially.
International Relations and National Security Studies, Other.	Master's degree	7.00	Other (modify)	Redesign and rename program to "International Relations."
International/Global Studies.	Bachelor's degree	7.67	Merge with other program	Merge International Studies - BA into new bachelor's degree program named "Politics, Law, & Society."
Management Information Systems, General.	Associate degree	0.67	No action	Program revised and renamed as Business Management Technology - AAB.
Management Sciences and Quantitative Methods, Other.	Master's degree	8.00	Other (modify)	Transition to five-day, in-person courses to attract international students. The enrollment is now 22 for Spring 2024 compared to Spring 2023, which was 10. The program should really continue to grow with it being STEM and with sufficient face-to-face courses for international students. Also, we plan to recruit for this program in a new way, following the successful digital marketing campaign we use for a different graduate degree.
Materials Engineering.	Bachelor's degree	4.67	Other (modify)	Review curriculum for efficiencies or merge with other program; courses shared across programs.

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CIP title	Award level	Number of graduates (3-year average)	Recommendation	Rationale
Materials Engineering.	Master's degree	5.33	Other (modify)	Review curriculum for efficiencies or merge with other program; courses shared across programs.
Mathematics, General.	Bachelor's degree	10.33	Other (modify)	Review curriculum for efficiencies or merge with other program.
Mathematics, General.	Master's degree	1.00	Eliminate	Low enrollment.
Medical Scientist.	Master's degree	0.00	No action	Mission centric.
Microbiology and Immunology.	Master's degree	6.00	Merge with other program	Merge Microbiology and Immunology into a new "Biomedical Sciences" program.
Multi-/Interdisciplinary Studies, General.	Master's degree	4.33	Merge with other program	Add Humanities as a concentration in English - MA.
Multi-/Interdisciplinary Studies, Other.	Associate degree	3.00	Other (modify)	Absorb Biological Sciences - AS, Earth and Environmental Sci-AS, and Psychology - AA as concentrations.
Multi-/Interdisciplinary Studies, Other.	Bachelor's degree	10.33	Merge with other program	Merge Liberal Studies – BA into Interdisciplinary Studies - BA.
Music Performance, General.	Bachelor's degree	7.33	No action	Enrollments are increasing.
Music, General.	Bachelor's degree	1.67	Merge with other program	Merge Music - BA into new bachelor's degree program named "Arts Management and Entrepreneurship."
Organizational Leadership.	Doctoral degree (research/scholarship)	3.00	Other (modify)	Create proposal for online delivery and examine pricing and/or discount strategies.
Philosophy.	Bachelor's degree	3.33	Merge with other program	Merge Philosophy - BA into Interdisciplinary Studies - BA.
Physical Sciences.	Bachelor's degree	5.67	No action	Only BS program offered at the Lake campus.
Physical Sciences.	Doctoral degree (research/scholarship)	1.00	Eliminate	Low enrollment.
Physics, General.	Bachelor's degree	3.33	Other (modify)	Review curriculum for efficiencies or merge with other program.
Physics, General.	Master's degree	2.33	Merge with other program	Merge Physics with another master's degree program.
Physiology, General.	Master's degree	8.33	Merge with other program	Merge Physiology and Neuroscience into a new "Biomedical Sciences" program.

(continued)

CIP title	Award level	Number of graduates (3-year average)	Recommendation	Rationale
Psychology, General.	Associate degree	2.33	Merge with other program	Merge Psychology - AA into General Studies - AA program.
Religion/Religious Studies.	Bachelor's degree	1.00	Eliminate	Low enrollment.
Secondary Education and Teaching.	Master's degree	5.00	Other (modify)	Modifications to the program are required.
Sign Language Interpretation and Translation.	Bachelor's degree	4.00	No action	Niche program that meets critical workforce needs.
Sociology.	Bachelor's degree	6.67	Merge with other program	Merge Sociology - BA into new bachelor's degree program named "Politics, Law, & Society."
Sport and Fitness Administration/Management.	Master's degree	5.67	Eliminate	Low enrollment; unique course offerings.
Statistics, General.	Bachelor's degree	5.33	Other (modify)	Review curriculum for efficiencies or merge with other program.
Technical Theatre/Theatre Design and Technology.	Bachelor's degree	5.00	Other (modify)	Curricular review required.
Vocational Rehabilitation Counseling/Counselor.	Bachelor's degree	13.67	Merge with other program	Merge Integrated Human Services - BS into Social Work - BA program.

Duplicate Programs

Duplicate Program Identification

The Ohio Department of Higher Education (ODHE) identified 18 disciplines for which both Wright State University and Central State University offered duplicate bachelor's degree programs based upon programs' classification of instructional programs (CIP) designations (see Table 11). See Appendix C for the methodology used by ODHE to identify duplicative programs for institutions by state region.

Table 11. *Duplicative Bachelor's Degree Programs Identified by ODHE*

CIP code	CIP title
130101	Education, General
131210	Early Childhood Education and Teaching
131312	Music Teacher Education
131314	Physical Education Teaching and Coaching
230101	English Language and Literature, General
260101	Biology/Biological Sciences, General
270101	Mathematics, General
310505	Kinesiology and Exercise Science
400501	Chemistry, General
420101	Psychology, General
440701	Social Work
451001	Political Science and Government, General
451101	Sociology
500701	Art/Art Studies, General
500903	Music Performance, General
520101	Business/Commerce, General
520301	Accounting
540101	History, General

Based on the CIP codes listed in Table 11, Wright State University's Office of Institutional Research and Effectiveness (IR&E) identified the corresponding bachelor's degree programs offered at Wright State University. See Appendix D for a complete list of programs for review, including the ODHE-provided data points about each program.

Duplicate Program Analysis

The provost and deans at Wright State University evaluated duplicate bachelor's degree programs identified at Wright State University and Central State University. To assist in evaluations, ODHE provided guidance on the factors that should be considered when determining recommended actions for duplicate programs (see Appendix E).

Duplicate programs were evaluated for recommendations of either "no action" or "action." Of the 18 duplicate programs identified by ODHE, "no action" was recommended for 14 programs and "action" was recommended for four programs

For recommendations of "no action," the provost and deans provided their rationale for taking no action (see Table 12).

Table 12. *Rationale for "No Action" by Duplicate Bachelor's Degree Program*

CIP code	CIP title	Rationale
130101	Education, General	This program ensures that students who do not meet the transition points in their education preparation licensure program still have a pathway to graduate with a BS ED without extending their completion to degree timeline.
131312	Music Teacher Education	The number of total degrees awarded by Wright State in the past 5 years is 16 times the number awarded by Central State and the cost of the Wright State degree is over $12,000 cheaper.
230101	English Language and Literature, General	The number of total degrees awarded by Wright State in the past 5 years is over 15 times the number awarded by Central State and the cost of the Wright State degree is over $6,000 cheaper. Central State offers only one of the concentrations offered by Wright State (English Literature); it does not offer Professional and Technical Writing, Creative Writing, Teaching English to Speakers of Other Languages, and Integrated Language Arts
260101	Biology/Biological Sciences, General	The biology program has robust enrollment and program completion; the program is central to the institutional mission; many graduates go on to graduate and professional schools and careers that meet societal needs; the program provides many opportunities and specializations that are not duplicative with Central State. The Bachelor of Science in Biological Sciences (BIO BS) program features breadth of life science topics both in coursework and in undergraduate research opportunities. BIO BS provides strong preparation for graduate and professional programs after graduation. In addition, BIO students have the option to specialize with concentrations in Biology Education, Cell and Molecular Biology, and Ecology, Evolution, and Organismal Biology. BIO students may also apply for acceptance into our major's Medical Laboratory Sciences Program for their final year of a BS.
270101	Mathematics, General	Mathematics is a requirement of all students at the university and central to the institutional mission. The degree serves the region's research and private sectors with important degree options. It enjoys support from a wide range of industry partners and is undergoing curricular revision with their guidance.
310505	Kinesiology and Exercise Science	The program has recently been revised to meet more focused market demands. Enrollment is strong for high-demand fields.
400501	Chemistry, General	Wright State has an American Chemical Society-certified degree program that is rigorous and prestigious.

(continued)

CIP code	CIP title	Rationale
420101	Psychology, General	Psychology has large undergraduate enrollment in both the BA and BS programs. Having overlapping programs provides students with options to complete different degree programs without having to change majors or go to a different university. Consistent with American Psychological Association undergraduate education guidelines, the Department of Psychology approaches these degree programs from a science-based perspective. Also, research-active TET faculty who teach in the BA and BS programs and support the MS and PhD programs in human factors and industrial/organizational psychology provide undergraduates with opportunities to increase experiential learning in faculty research labs. We provide our majors with greater STEM-literacy than might be obtained from other psychology programs in the state. This is in addition to an undergraduate program director supporting practica, providing students with experiential learning in applied settings.
440701	Social Work	Strong enrollment in a high need program.
500701	Art/Art Studies, General	The number of total degrees awarded by Wright State in the past 5 years is over 11 times the number awarded by Central State. Central State does not offer the BFA, as does Wright State, only a BA in Studio Arts and a BA in Graphic Design.
500903	Music Performance, General	The number of total degrees awarded by Wright State in the past 5 years is almost twice the number at Central State and the cost of the Wright State degree is over $3,000 cheaper.
520101	Business/Commerce, General	This is an ACCSB program which places us in the top 6% globally for business schools. The college has graduated 105 students in the last three years. The management degree is often combined with other degree in the college which gives greater value to our students. There are 31 occurrences in the last three years that a BSB Management and BSB Human Resources were combined. It has also been combined less frequently with BSB International Business and BSB Entrepreneurship.
520301	Accounting	This is an ACCSB program which puts us in the top 2% globally for business schools. The quality of this program and the number of students passing the CPA exam is well known across the state. This program is very connected to the business community with a very high placement after graduation. The BSB Accounting degree is often combined with a BSB Finance, giving our students greater value for the education.
540101	History, General	The number of total degrees awarded by Wright State in the past 5 years is over 15 times as many as at Central State and the cost of the Wright State degree is over $7,500 cheaper.

For duplicate bachelor's degree programs that were recommended for "action," the provost and deans recommended on of the following actions:
- Collaborate with other state institutions (describe proposed collaboration),
- Eliminate,
- Merge with other programs in the institution (describe proposed merger), or
- Other (please specify).

Table 13 displays the four duplicate programs that were targeted for action and the recommended action.

Table 13. *Recommended Action by Duplicate Bachelor's Degree Program*

CIP code	CIP title	Recommended action
131210	Early Childhood Education and Teaching	Eliminate. This program has been eliminated and is no longer offered.
131314	Physical Education Teaching and Coaching	Eliminate. Admissions has been suspended and teach out is in progress.
451001	Political Science and Government, General	Merge with other programs in the institution. Create a new program "Politics, Law, and Society" that combines political science, pre-law, and sociology.
451101	Sociology	Merge with other programs in the institution. Create a new program "Politics, Law, and Society" that combines political science, pre-law, and sociology.

Appendix A: Defining Low-Enrollment Courses and Programs

A single numerical definition of **low-enrollment courses** is problematic because courses contribute to institutions in different ways (e.g., institutional quality, service to multiple majors, student need), and because courses have widely varying contexts and costs. That being said, most colleges and universities have set **thresholds** below which courses will not be offered. These thresholds often differ within and across institutions based on pedagogical factors related to discipline (professional courses vs. general education courses), course level (lower division vs. upper division or undergraduate vs. graduate), or resources (cost, availability of faculty or practicum supervisors, availability of facilities).

Likewise, a single numerical definition for **low-enrollment programs** is difficult because programs also contribute to institutions in multiple ways (e.g., institutional reputation, service to multiple student majors, regional need), and because programs themselves have widely varying contexts (accreditation and licensure requirements, pedagogical requirements) and costs (faculty, facility and equipment needs). Again, however, most colleges and universities have defined a minimum number of students required for each of their programs, with this minimum **threshold** differing within and across institutions based on institutional mission, student demand and availability of resources.

To comply with the legislation, the Chancellor defines **low-enrollment courses** as course sections that fall below 20% above the institutionally defined threshold for that course section over two or more semesters. The Chancellor defines **low-enrollment programs** as programs that fall below 20% above the institutionally defined criteria for students in a program.

Appendix B: Determining Thresholds for Course and Program Enrollment and Recommended Actions for Courses [and Programs] That Fall Below the Chancellor's Definition of Low Enrollment

The following six factors should be considered by trustees in their determination of course and program thresholds and in their consideration of recommended actions for courses [and programs] that fall below the Chancellor's definition of low enrollment. The bulleted points following each factor are examples of data points that could be used in the analysis and may be augmented by other evaluative tools.

1. Quality
   - Student retention and completion within the program
   - Student employment outcomes
   - Successful student transfer or placement in graduate/professional school
   - Scholarly productivity of faculty and students
   - Attainment of specialized accreditation
   - Program reputation/ranking
   - Performance of students in subsequent courses

2. Centrality to the Institution's Mission
   - Relevance of the course or program to the institution's strategic plan
   - Importance of the course or program to the institution's reputation or recruiting efforts
   - Need for the course within the curriculum (e.g., gateway, service, critical for completion)

3. Cost-Effectiveness of the Course or Program
   - Revenue sufficiency to support the course or program
   - Ratio of number of graduates to FTE faculty

4. Demand for the Programs or Courses
   - Program enrollment patterns over time
     - Students enrolled
     - Degrees/certificates awarded
     - Understanding reasons for low enrollment
       - Duplication and competition
       - Lack of related jobs?
       - Lack of marketing?
   - Course enrollment patterns over time
     - Understanding reason for low enrollment
       - Too many sections?
       - Sections offered at inconvenient times?
       - New course?
       - Faculty member identified/scheduled too late?
       - Elective with little demand?
   - Data-driven market analysis of employer need

5. Potential for Collaboration with Other Institutions
   - Programs with low enrollment at one institution and need for a range of highly specialized faculty (e.g., BFA or MFA)
   - Courses with low enrollment at one institution but greater need across the state (e.g., certain foreign languages, highly specialized courses within a major)

6. Potential for Restructuring
   - Programs with high administrative costs per graduate
   - Courses with high administrative cost per course completion
   - Optimizing the number of course sections when multiple sections with low enrollments are noted

Appendix C: Methodology for Identifying Duplicate Programs

The Ohio Department of Higher Education (ODHE) identified duplicative programs within each region of the state, with particular attention to co-located campuses. The following steps were used to construct the attached spreadsheets:

- Using data reported to the Higher Education Information (HEI) system, ODHE classified degrees awarded in the academic years 2021, 2022, 2023 as a program within an institution using its six-digit CIP Code, resulting in a list of programs offered at each public college and university in the state.

- Each public college and university was then assigned to one of six regions across the state; these regions are mainly aligned to the six JobsOhio regions associated with the main campus.

  - NEOMED is not included due to its medical program focus.
  - Southern State Community College was placed in the Southwest Region.

- Information on programs at institutions in each region was then used to create spreadsheets indicating:

  - Duplicate programs (highlighted in red) at universities in each region;
  - Duplicate programs (highlighted in red) at community colleges in each region; and
  - Duplicate programs (highlighted in red) at co-located campuses.

- Data on the number of program graduates is included for the same three years and the average cost per graduate of the program was calculated using HEI cost data.

  - The HEI cost data for each course completed by the graduate was summed (please note that costs were summed for all courses taken prior to graduation, whether or not the course was required for the student's program)
  - This summed cost was averaged across all program completers over the three-year period

- Because Ohio State University [OSU] reports all bachelor's degrees as earned at its Columbus campus, students who earned bachelor degrees from regional campuses are not identified in HEI. To identify degrees earned from OSU's regional campuses, students who received a bachelor's degree that is available at a regional campus and who earned the majority of their course credits from the regional campus were determined to have been earned from that regional campus.

Appendix D: Duplicate Programs for Review

CIP code	School	Degrees Awarded	Average Hours Per Degree (from School)	Average Hours Per Degree (from Other Schools)	Average Years to Degree	Average Cost Per Graduate (Total Hours)	Average Cost Per Graduate (School Hours)
130101	Central State University	173	75.37	1.06	3.0	$35,345.85	$34,903.25
130101	Wright State University	17	67.32	34.79	4.5	$49,834.43	$33,014.08
131210	Central State University	69	82.49	1.38	3.1	$39,159.66	$38,577.69
131210	Wright State University	19	127.74	4.79	5.0	$65,894.17	$63,937.10
131312	Central State University	3	164.33	0.00	5.6	$109,057.74	$109,057.74
131312	Wright State University	56	129.94	4.43	4.5	$87,889.18	$85,831.91
131314	Central State University	1	170.00	0.00	5.3	$81,073.10	$81,073.10
131314	Wright State University	4	92.50	0.00	5.3	$42,627.70	$42,627.70
230101	Central State University	8	104.75	1.13	3.5	$45,554.48	$45,073.51
230101	Wright State University	136	96.32	10.48	4.5	$50,806.76	$45,796.69
260101	Central State University	50	120.68	1.69	3.9	$77,871.34	$76,929.83
260101	Wright State University	191	115.99	5.61	4.6	$84,392.49	$81,567.14
270101	Central State University	2	127.00	0.00	4.0	$53,970.21	$53,970.21
270101	Wright State University	30	100.82	3.40	3.8	$50,614.60	$49,105.62
310505	Central State University	41	113.83	1.68	3.9	$54,835.46	$54,219.00
310505	Wright State University	113	118.19	4.92	3.9	$62,360.84	$59,908.68
400501	Central State University	12	102.06	0.00	4.9	$65,634.66	$65,634.66
400501	Wright State University	26	103.10	3.96	4.9	$74,458.73	$72,225.06
420101	Central State University	69	113.22	1.03	4.2	$48,579.51	$48,136.70
420101	Wright State University	438	89.40	9.77	4.0	$42,699.49	$38,577.33
440701	Central State University	65	115.40	0.97	4.1	$50,465.76	$50,072.07
440701	Wright State University	120	90.51	5.59	3.9	$45,833.30	$43,216.89
451001	Central State University	18	125.50	0.00	4.6	$54,171.47	$54,171.47
451001	Wright State University	73	101.74	3.15	4.7	$47,996.46	$46,716.50
451101	Central State University	5	87.80	2.00	4.2	$37,319.32	$36,548.81
451101	Wright State University	29	89.50	6.14	5.5	$41,482.31	$39,123.94
500701	Central State University	12	124.33	0.25	4.4	$59,908.61	$59,771.31
500701	Wright State University	58	100.04	7.25	4.7	$53,942.64	$50,513.41
500903	Central State University	13	127.46	0.00	5.9	$86,599.23	$86,599.23
500903	Wright State University	19	118.95	5.89	4.2	$85,867.00	$82,033.28
520101	Central State University	562	78.14	1.18	2.8	$36,576.79	$35,744.57
520101	Wright State University	196	71.98	34.63	3.8	$48,544.27	$32,891.01
520301	Central State University	12	115.25	0.00	3.7	$51,780.75	$51,780.75
520301	Wright State University	162	98.38	7.35	4.1	$49,719.98	$46,383.40
540101	Central State University	3	131.00	0.00	4.2	$59,645.26	$59,645.26
540101	Wright State University	64	103.47	3.94	5.3	$49,633.54	$48,006.33

Note. Data provided by the Ohio Department of Higher Education. Degrees awarded data obtained from the Higher Education Information (HEI) system for academic years 2021, 2022, and 2023.

Appendix E: Determining Recommended Actions for Duplicate Programs

Duplication of many programs is to be expected. For instance, essentially all colleges will have programs in majors that are needed by students throughout the state (e.g., English, psychology, engineering, business, mathematics, history, nursing). Therefore, cases of duplication will need to be considered on a case-by-case basis to determine whether the duplication is appropriate. Factors to be considered in this analysis would include dynamics such as the number of students enrolled in the program, the number of graduates from the program, costs of the program (including staffing, facilities, pedagogical requirements, and accreditation requirements), quality or reputation of the program, etc.

The following factors can be used during the consideration of recommended actions for duplicate programs. The bulleted points following each factor are examples of data points that could be assessed in the analysis and may be augmented by other evaluative tools.

1. Quality

    - Student retention and completion within the program
    - Student employment outcomes
    - Successful student transfer or placement in graduate/professional school
    - Scholarly productivity of faculty and students
    - Attainment of specialized accreditation
    - Program reputation/ranking
    - Areas of specialization within the program that differentiate it from other programs in the same discipline offered in the region

2. Centrality to the Institution's Mission

    - Relevance of the program to the institution's strategic plan
    - Importance of the program to the institution's reputation or recruiting efforts
    - Need for the program based on data for "in-demand" jobs

3. Cost-Effectiveness

    - Revenue sufficiency to support the program
    - Ratio of number of graduates to FTE faculty/administrators

4. Demand

    - Program enrollment patterns over time
        - Students enrolled
        - Degrees/certificates awarded
        - Understanding reasons for low enrollment in the program
            - Duplication and competition

- Lack of jobs?
- Marketing?
  - Data-driven market analysis of employer need

5. Potential for Collaboration with Other Institutions

- Programs with low enrollment at one or more institutions and a need for a range of highly specialized faculty (e.g., BFA or MFA)
- Programs with low enrollment at one or more institutions but where there is a need for graduates within the region or the state (e.g., certain foreign languages, highly specialized majors)
- Programs with low to moderate enrollment at one or more institutions that are costly to offer

6. Potential for Elimination

- Programs with persistent low enrollment where collaboration doesn't make sense
- Programs with persistent low enrollment and little or no employer demand