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December 31, 2024

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House Minority Leader Jim Durkin  
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FROM: Ginger Ostro, Executive Director

RE: Annual Report of New, Consolidated, Closed, and Low Producing  
Programs at Illinois Public Universities

We are pleased to submit to you the annual report of new, consolidated, closed, and low producing programs at Illinois public universities as specified in 110 ILCS 205/7. This report and the attached update cover Academic Years 2021-22 and 2022-23.

If you have any questions about these reports, please contact:

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**ANNUAL REPORT ON NEW, CONSOLIDATED,  
CLOSED, AND LOW PRODUCING PROGRAMS  
AT ILLINOIS PUBLIC UNIVERSITIES  
ACADEMIC YEARS 2021-22 AND 2022-23**



110 ILCS 205/7  
Illinois Board of Higher Education | December 2024

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## Introduction

The Illinois Board of Higher Education (IBHE) continues to focus on achieving the goals of the higher education strategic plan, *A Thriving Illinois: Higher Education Paths to Equity, Sustainability, and Growth*. This year's report focuses on how the educational landscape offered in Illinois, particularly how public university programs contribute to the three pillars of the strategic plan. However, the highlight of this report will be an overview of how programs can relate to building a stronger financial future for individuals and institutions while increasing workforce talent and innovation to drive economic growth through enhancing career opportunities for graduates of these programs.

The academic program landscape throughout the state, and the corresponding impact of the creation and reduction of programs, all impact the ability of the State of Illinois to attract students, employers, and meet its workforce needs. These needs, along with financial considerations, institutional missions, and many others, should be carefully evaluated when determining academic portfolio management.

The 2023 report will cover two academic years, 2021-22 and 2022-23, and include workforce data analysis. This structural change to focus on the most recently completed academic year requires that this report combines two academic years. The structural change will improve the report in future years to provide more timely data for review and to form decisions. The inclusion of workforce data will help connect program offerings to the opportunities in Illinois and highlight how public university academic programs can influence the economy of Illinois and provide career pathways for graduates, all while supporting IBHE's strategic plan *A Thriving Illinois* to support economic growth and the workforce pipeline.

## Academic Program Reviews

Illinois' public universities are required to review and evaluate programs approved after December 23, 2008, as outlined in 23 Illinois Administrative Code 1050.50 at three years post-approval and if in good standing, then every eight years following. Institutions must classify each program into one of three categories: good standing, flagged for review, or voluntary suspension.

Per 110 ILCS 205/7, "each State university shall also report to the Board all programs of instruction, research, and public service that exhibit a trend of low performance in enrollments, degree completions, and high expense per degree. The Board shall compile an annual report that shall contain information on new programs created, existing programs that have been closed or consolidated, and programs that exhibit low performance or productivity."

Programs are reviewed during their eighth year by internal campus stakeholders and/or external reviewers to determine the quality and effectiveness of the programs. Factors generally included in campus reviews are those traditionally noted in IBHE program application materials for program assessments such as student completion rates, placement rates, program demand, licensure pass rates, etc. After faculty review the program, departments respond to comments and recommendations and then share a full report with an academic committee which reports to the Office of the Provost. The committee will make recommendations on program standing and what actions, if any, should be taken. Academic leadership uses this information for preparing various IBHE reports, including the Annual Listing of Changes, the Academic Program Efficiency and Effectiveness Report (APEER), and the Low Producing Programs (LPP) Report. APEER and LPP reports were created from the requirements outlined in 110 ILCS 205/7. Statutorily, two reports are not required, so IBHE is improving efficiency and moving to one report.

Starting with the calendar year 2023 report, the LPP, which reviews programs not meeting enrollment and completion thresholds, will be classified on the APEER report as programs for review. Previously, APEER and LPP reports rotated every other year. The LPP report identified which programs did not meet enrollment and completion thresholds. The APEER reports were then used to follow up on programs on the LPP which were classified as "priority" or "continued review."

The 2023 APEER report is a two-year report focusing on both priorities. Then moving to calendar year 2024, the APEER report will focus on programs that were classified as “priority” or “continued review.” A full overview of the process is noted in Appendix A.

**New, Consolidated, and Closed Programs**

After each academic year in June, each public university submits an Annual Listing of Changes report to IBHE. This report lists new, consolidated, and closed programs at the institution occurring over the past year. Table 1 is an overview of the new and closed programs at all public universities in the State of Illinois during the 2021-22 and 2022-23 academic years.

*Over the past two years, public universities have created 66 new academic programs and eliminated 33.*

New programs are either established through the Board approval process or via IBHE staff approval process as outlined in 23 Illinois 1050.20 Administrative Rule, in a Reasonable and Moderate Extension (RME) of an existing Board-approved program. Over the past two academic years, 66 new academic degree programs were created, and 33 programs were eliminated, a 1.6 percent net overall change in the public university program inventory.

In the 2021-22 academic year, there were 44 new programs created, with 21 being bachelor’s level, 20 master’s level, and three doctoral levels. Of these, 18 were reasonable and moderate extensions of programs previously approved by the Board. For the Academic Year 2022-2023, there were 22 new degree programs created. Bachelor’s level programs had the majority at 17 new creations and then master’s level programs were the remaining five. Of the 22, eight were created through the Board approval process and others were extensions of previously approved programs.

*Over 20 percent of new programs approved were directly connected to the “Top 25” occupations.*

New programs submitted to IBHE are proposed by individual universities and involve rigorous review of various areas, including an analysis of how each program meets the goals of the strategic plan, A Thriving Illinois, and how the program meets the needs of the workforce. Of the 34 Board approved programs over the last two academic years, seven were directly connected to the top 25 in-demand occupations in Illinois. Appendix B lists all the new programs created during the review period by each institution and method. The classification of multi/interdisciplinary programs was the most used for new programs during the review period. It reflects how institutions are evolving to meet the interdisciplinary needs of the workforce. The most created program was in data science as an interdisciplinary program. These programs featured data science “plus” another area such as accounting, predictive analytics, etc. These flexible style programs allow students to prepare for the changing landscape of the workforce.

Workforce data offers valuable insights into current and projected employment trends, skills shortages, and emerging job opportunities within specific industries and occupations. By analyzing this data, decision-makers can evaluate whether proposed programs align with the evolving needs of employers and the labor market. For instance, if workforce data highlights a growing demand for professionals in fields such as healthcare, technology, or renewable energy, IBHE can prioritize program proposals in these areas. Additionally, workforce demands may justify supporting programs that do not meet standard performance thresholds but have the potential to create significant economic impact.

Table 1. Summary of Illinois Public Universities' New and Closed Programs  
Academic Years 2021-22 and 2022-23

Program Level	AY 2022		AY 2023		Total		% of Net Program Inventory
	New	Closed	New	Closed	New	Closed	
Bachelor's	21	4	17	17	38	21	1.8%
Master's	20	3	5	7	25	10	1.8%
Doctoral	3	1	0	1	3	1	0.7%
<b>Total</b>	<b>44</b>	<b>8</b>	<b>22</b>	<b>25</b>	<b>66</b>	<b>33</b>	<b>1.6%</b>

## New Programs

*Multi/interdisciplinary programs were the most popular category of programs to create.*

Table 2. Count of New Programs by Illinois Public University 2021-22 and 2022-23 by Level and Fiscal Year

University	FY 2022				FY 2023			Grand Total
	Bachelor's	Master's	Doctorate	Total	Bachelor's	Master's	Total	
CSU	1			1				1
EIU					1	1	2	2
ISU		2		2	2	2	4	6
NEIU	1	2		3	1		1	4
NIU	1			1				1
SIUC	2	1		3	2		2	5
SIUE	1			1	1	1	2	3
UIC	4	5	3	12				12
UIS	1	1		2	1		1	3
UIUC	10	6		16	8	1	9	25
WIU		3		3	1		1	4
<b>Total</b>	<b>21</b>	<b>20</b>	<b>3</b>	<b>44</b>	<b>17</b>	<b>5</b>	<b>22</b>	<b>66</b>

## Workforce Assessment of New Programs for 2023

IBHE's objective for the workforce assessment is to illuminate the potential impact of newly approved programs by aligning them with current occupational demand across all related occupations, utilizing the Classification of Instructional Programs (CIP) to Standard Occupational Classification (SOC) Crosswalk, while also considering the total number of completions at all public universities (refer to Appendix C for a complete list). The overview of CIP subject distributions by campus is an important review when considering the landscape of program additions and eliminations. It is important to note that similar CIP codes could be selected for similar-looking academic programs and CIP Codes may be assigned to multiple programs and various degree levels.

Among the 34 new and approved programs over the past two academic years, introduced by seven universities, nine programs have a direct correlation to occupations most in demand (Top 25 Occupations) as noted in this report. These new programs include:

- Eastern Illinois University
  - Master in Arts in Teaching – Secondary Teaching (CIP 13.1205)
- Illinois State University
  - Master of Science in Marketing Analytics (CIP 30.7102)
  - Master in Public Health (CIP 51.2201)
- Southern Illinois University Edwardsville
  - Bachelor of Science in Cybersecurity Engineering (CIP 11.1003)

- University of Illinois Urbana-Champaign
  - Bachelor of Science in Accountancy + Data Science (CIP 30.7001)
  - Bachelor of Science in Business + Data Science (CIP 30.7001)
  - Bachelor of Science in Information Sciences + Data Science (CIP 30.7001)
  - Master of Science in Predictive Analytics and Risk Management (CIP 30.7001)
  - Bachelor of Science in Finance + Data Sciences (CIP 30.7104)
- Western Illinois University
  - Master of Science in Teaching Mathematics (CIP 13.1311)

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### **Aligning New Programs with Workforce Demands**

***"Of the 34 newly approved programs across Illinois public universities, nine directly align with the state's most in-demand occupations, reinforcing the importance of strategic program development to meet workforce needs."***

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### **Closed Programs**

The 33 program closures across the public universities included 21 bachelor's level, ten master's level, and two doctoral level programs for the two fiscal years 2021-22 and 2022-23. Appendices D and E provide an overview of the closed programs by institution and then list the closed programs during the academic years 2021 and 2022. While challenging, program closures are a necessary part of program portfolio management to allow institutions to offer programs which are in demand from both students and employers. In the multi-year closure process, campuses consider various factors before sunseting a program, such as student demand, faculty availability, costs, workforce and campus impact. Dedicated teach-out years allow current students to finish the program before it closes, while admission to the program is suspended.

### **Academic Program Inclusion for the APEER Review and Classification**

This report included a new data review process for inclusion in the APEER review. IBHE asks university leadership to classify programs not meeting enrollment and completion targets. One of the goals of the APEER report is to encourage thoughtful review and classification of a university's portfolio of offerings. The emphasis of this report is to highlight the landscape of higher education programs and demonstrate that the ecosystem of education and workforce are intricately intertwined and should be considered as programs are planned for creation and elimination.

Programs that failed to meet both enrollment and degree conferral metrics as provided on Table 3, were reviewed and classified by the institutions.

IBHE staff excluded programs which were closed or are in the phase out process, as well as those programs which were previously classified as having a "strong institutional justification and no further action." IBHE staff sent a list of flagged programs to each institution and requested each program for classification into the following categories:

- **Sunset.** A teach-out period is established and no new or transfer students are admitted.
- **Consolidate.** Changing the program structure and combining it with another program.
- **Redesign.** Changes to curricular elements of the program will be applied to remediate performance and the program will be reviewed in a period of designated years.
- **Justification – Program in Good Standing Future Review.** The program is in good standing, but will be reviewed for performance in a designated number of years.
- **Strong Institutional Justification and No Further Action.** The program has been reviewed and deemed "justified" and will no longer be reviewed for future reports.
- **Priority/Continued Review.** The program is placed under priority review to best determine the appropriate status.



The structural changes in the classification to review two academic years may have caused some institutions to have more “Priority/Continued Review” programs than in previous years, as the faculty would not have sufficient time to conduct a detailed program analysis with corresponding recommendations.

*Table 3. Enrollment Thresholds for Exclusion from Low Producing Program Classification*

Program Level	Enrollment at Least		With Completions at Least
Associate's	24	and	11
Bachelor's	39		8
Master's	9		4
Doctoral	9		1

### Summary of Academic Programs Reviewed in the APEER Process

Table 4 is a summary of the counts of programs categorized as meeting the criteria for enrollment and completions for inclusion in this APEER process from July 1, 2021-June 30, 2022, and July 1, 2022-June 30, 2023. Across the public universities, for 2021-2022 academic year, there were 105 programs identified for review. A total of 70 bachelor's level programs, 30 master's degrees, and five doctoral level programs met the threshold for inclusion for the APEER review process. For 2022-2023 academic year, there were a total of 115 programs noted, 76 bachelor's level, 34 master's level, and five doctoral. Appendices F through Q provide institutional reports with detailed information on various program and classification statuses. Appendices R and S details the programs assigned to the corresponding classification and institution. While the total counts vary across institutions, the average portion of the academic portfolio across the two-year review period is 5.4 percent.

*Table 4. Summary of Low Producing Programs Reported for Academic Year 2021-22 and 2022-23 by University and Level*

University	Bachelors		Masters		Doctoral		Grand Total			
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
Chicago State University	9	9	6	5	0	0	15	26.3%	14	24.6%
Eastern Illinois University	5	6	2	3	0	0	7	5.9%	9	7.6%
Governors State University	6	7	2	2	1	1	9	12.5%	10	13.9%
Illinois State University	1	2	0	0	0	0	1	0.5%	2	1.0%
Northeastern Illinois University	6	5	1	1	0	0	7	7.1%	6	6.1%
Northern Illinois University	3	3	1	2	1	1	5	2.4%	6	2.8%
Southern Illinois University Carbondale	11	12	8	10	1	1	20	7.7%	23	8.8%
Southern Illinois University Edwardsville	0	0	1	1	0	0	1	0.8%	1	0.8%
University of Illinois Chicago	4	4	5	6	0	0	9	3.1%	10	3.5%
University of Illinois Springfield	1	1	0	0	0	0	1	1.6%	1	1.6%
University of Illinois Urbana Champaign	9	10	3	3	1	1	13	3.2%	14	3.4%
Western Illinois University	15	17	1	1	1	1	17	13.1%	19	14.6%
<b>Grand Total</b>	<b>70</b>	<b>76</b>	<b>30</b>	<b>34</b>	<b>5</b>	<b>5</b>	<b>105</b>	<b>5.2%</b>	<b>115</b>	<b>5.7%</b>

In the last Low Producing Programs report, for 2020-21 academic year, there were a total of 42 programs classified as “Priority or Continued Review.” This included 27 bachelor's, 13 master's, and two doctoral level programs. Due to covering two academic years, IBHE incorporated the review of these programs into this APEER report. IBHE and the universities followed a similar process for the follow up information as the classification of programs. IBHE reviewed enrollment and completion data submitted by the universities for programs previously classified as “Priority/Continued Review” for programs which were eliminated, phased out, and those which met the enrollment/completion thresholds for review. Of the 42 programs, 30 programs met the status for review inclusion for the current review cycle.

Both review periods showed that institutions were more likely to classify a program as “Priority/Continued Review,” with both years having at least 40 percent in this status. The least likely outcome to occur was an institution opting to consolidate programs. This outcome has a result of less than five percent at each degree level.

*Table 5. Summary of Programs for APEER Review Process Academic Year 2022*

Status	Bachelor's		Master's		Doctoral		Total Count	% of Total
	N=	% of Total	N=	% of Total	N=	% of Total		
Sunset	2	1.90%	4	3.81%	0	0.00%	6	5.71%
Consolidate	1	0.95%	1	0.95%	0	0.00%	2	1.90%
Redesign	13	12.38%	6	5.71%	0	0.00%	19	18.10%
Justification – Good Standing Review in # Years	8	7.62%	3	2.86%	1	0.95%	12	11.43%
Strong Institutional Justification and No Further Action	14	13.33%	7	6.67%	1	0.95%	22	20.95%
Priority/Continued Review	32	30.48%	9	8.57%	3	2.86%	44	41.90%
<b>Grand Total</b>	<b>70</b>	<b>66.67%</b>	<b>30</b>	<b>28.57%</b>	<b>5</b>	<b>4.76%</b>	<b>105</b>	<b>100.00%</b>

*Table 6. Summary of Programs for APEER Review Process Academic Year 2023*

Status	Bachelor's		Master's		Doctoral		Total Count	% of Total
	N=	% of Total	N=	% of Total	N=	% of Total		
Sunset	3	2.61%	4	3.48%	0	0.00%	7	6.09%
Consolidate	1	0.87%	2	1.74%	0	0.00%	3	2.61%
Redesign	13	11.30%	6	5.22%	0	0.00%	19	16.52%
Justification – Good Standing Review in # Years	9	7.83%	4	3.48%	1	0.87%	14	12.17%
Strong Institutional Justification and No Further Action	16	13.91%	8	6.96%	1	0.87%	25	21.74%
Priority/Continued Review	34	29.57%	10	8.70%	3	2.61%	47	40.87%
<b>Grand Total</b>	<b>76</b>	<b>66.09%</b>	<b>34</b>	<b>29.57%</b>	<b>5</b>	<b>4.35%</b>	<b>115</b>	<b>100.00%</b>

## Overview of Degree Granting Academic Program Inventory

To fully review the overall landscape of academic programs and how it relates to higher education in Illinois, it is important to review not only APEER information but also to review the overall program offerings. Higher education directly impacts the availability of trained individuals who are prepared to meet the needs of the workforce through the major programs offered and the corresponding locations. In turn, these program graduates can have career opportunities in Illinois where they can positively contribute to the overall state economy. Also, a continued steady state of enrollment, or even increased enrollments, may lead to stabilized budgets at each institution.

IBHE manages the Program Inventory (Inventory), which is a directory of all approved academic programs in the State, excluding community college offerings, showcasing the programs available in the State. The Inventory is a tool that shows the landscape of higher education offerings in Illinois. Program additions, consolidations, suspensions, or closures, reflected in the Inventory, can impact the workforce pipeline and be utilized for providing a landscape analysis for potential employers to locate or build in Illinois. The Inventory is available for search on the IBHE website at [www.ibhe.org](http://www.ibhe.org).

As of the creation of this report in February 2024, Illinois had over 9,300 active programs offered by 134 degree granting approved institutions – public universities, independent for-profit institutions, independent not-for-profits, and out-of-state institutions. Figure 1 shows the distribution of the institution types in Illinois. The largest proportion of the institutions is the Independent not-for-profit (NFP) sector, which comprises 67.9 percent of the institutions. Out-of-State institutions have 15.7 percent of the landscape, public universities make up 9.0 percent, and the independent for-profits sector has 7.5 percent. These various institutional types have different missions and goals,

providing diversity to the educational ecosystem. These institutions operate throughout the state, even with some institutions operating in multiple higher education regions<sup>1</sup>, creating greater access to higher education. Institutions may also offer different degrees in multiple higher education regions.

Figure 1. Distribution of Higher Education Sectors of Degree Granting Institutions in Illinois

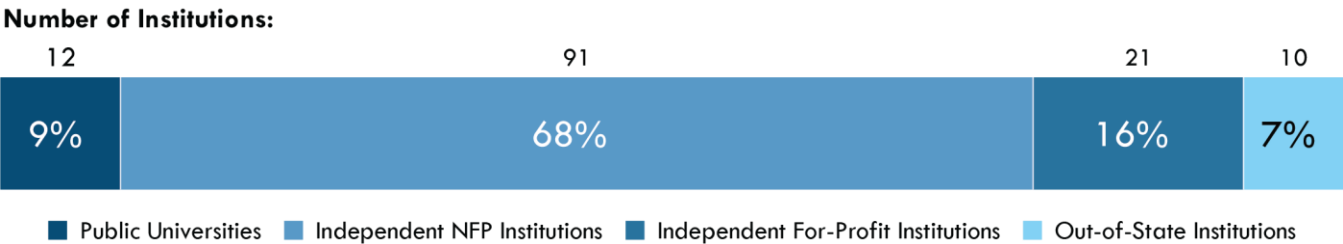
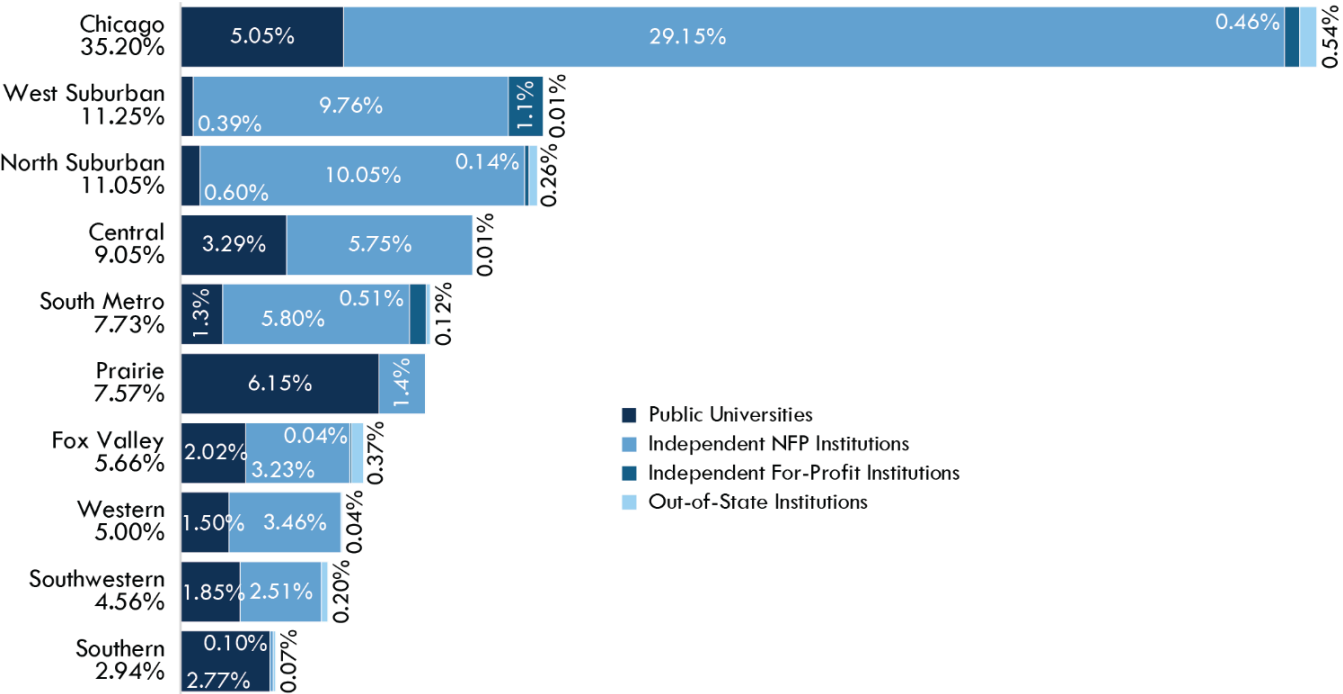


Figure 2. Academic Program Distribution by Region for All Degree-Granting Institutions



Accessibility to higher education is a critical component for the workforce pipeline. This includes accessibility to both institutions and programs. Figure 2 shows the distribution of higher education region locations of programs for degree-granting institution type.

*Special Education and Teaching is the most frequently offered program at public universities in Illinois!*

Classification of Instructional Code Program Offerings at Public Universities

Table 7 shows the top 25 CIP programs offered at public institutions. The distribution of CIP codes in subject areas varies by region, and it is important to note that institutions have programs in multiple regions. The significance of CIP code assignments cannot be overstated when considering the efficacy of a state's higher education system in supplying the labor market with a proficient workforce tailored to meet specific occupational demands.

<sup>1</sup> A higher education region, as designated by the Illinois Board of Higher Education (IBHE), is a geographical area within which an institution may operate and is not limited to the site within the region where the institution initially applied. A region consists of one or more coterminous community college districts as noted in Appendix T.

Table 7. Top 25 CIP Code Program Offerings in Illinois by Public Universities

CIP Title	CSU	EIU	GSU	ISU	NEIU	NIU	SIUC	SIUE	UIC	UIS	UIUC	WIU	Total Programs
Special Education and Teaching, General.	1	5		12	2	3	4	2	2		5	2	38
Computer Science.	2	1	2	2	2	4	4	2	8	2	5		34
Business Administration and Management, General.	2	2	2	5	1	3	4	3	4	2	3	2	33
English Language and Literature, General.	2	2	2	4	3	4	3	3	3	1	3	2	32
Educational Leadership and Administration, General.	2	4	1	10	2	4	2	2		3		1	31
Mathematics, General.	2	2	3	3	3	3	3	2	4	1	3	2	31
Biology/Biological Sciences, General.	3	2	2	3	2	3	2	2	3	1	3	3	29
History, General.	2	2	1	2	2	3	3	2	3	2	3	2	27
Chemistry, General.	1	2	1	2	2	3	3	2	4	1	4	2	27
Curriculum and Instruction.	1	1	1	11	1	2	2	2	1		5		27
Political Science and Government, General.	1	2	2	2	2	3	3	1	3	2	3	2	26
Registered Nursing/Registered Nurse.	1	2	1	4		6	1	4	4			2	25
Elementary Education and Teaching.	2	2	1	5	2	3	3	1	1	1	2	2	25
Electrical and Electronics Engineering.		1		1		3	4	2	8		4	1	24
Psychology, General.	1	1	3	2	1	4	3	2	3	1		2	23
Social Work.	1		2	7	2		2	2	2	1	3	1	23
Liberal Arts and Sciences/Liberal Studies.	2	6	1	1	1	2	1	2	1	1	2	3	23
Educational/Instructional Technology.						6	4	2				10	22
Mechanical Engineering.				1		3	2	2	7		4	2	21
Physics, General.	2	1		1	1	3	3	1	4		3	2	21
Music, General.	1	3		2	3	2	2	2	1		4	1	21
Accounting.		1	2	2	4	2	3	1	2	2	1	1	21
Sociology, General.	1	1		2	1	3	3	2	3		3	2	21
Econometrics and Quantitative Economics.				4		2	3		3		6	2	20
Multi-/Interdisciplinary Studies, Other.		1				14	4						19

The “Special Education and Teaching” program is the most offered program in the Illinois public university system, with 38 offerings. This accounts for 1.9 percent of the total offerings of all programs. Reviews of the program inventory can help the State address workforce needs, such as the teacher shortage. The inventory can show where educational training programs are already established. These programs could be deployed to areas of need, rather than creating new programs.

## Leveraging Unique Academic Strengths

***"Illinois public universities showcase unique academic strengths, from special education at Illinois State to accounting at Northeastern Illinois University, highlighting opportunities to address workforce needs and economic priorities through targeted program development."***

Across Illinois public universities, each institution exhibits unique academic strengths, reflected in their program concentrations. While CIP codes highlight content areas, they do not indicate the degree level of the programs offered. For example, Chicago State University dedicates 5.3 percent of its programs to Biology/Biological Sciences. Eastern Illinois University focuses 5 percent of its offerings on Liberal Arts and Sciences/Liberal Studies. Governors State University has 4.2 percent of its programs in Mathematics, General, which ties with its Psychology program as the top academic area. Illinois State University stands out with an extensive range of special education programs, providing significant opportunities for both future and current educators to receive specialized training.

Northeastern Illinois University's largest program category is Accounting, comprising 4.1 percent of its total offerings. However, according to the Association of Certified Public Accountants 2021 Trends report, the accounting profession is experiencing a crisis due to a declining number of students pursuing accounting degrees. As a leader in this field, Northeastern is well-positioned to explore targeted workforce solutions and innovative strategies to address this challenge.

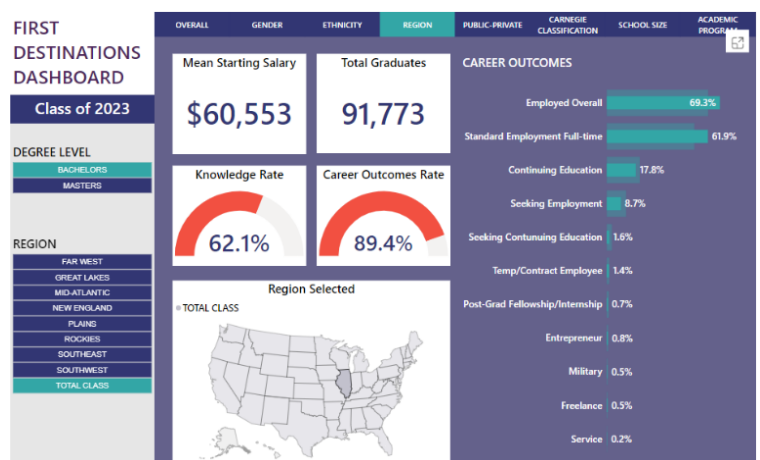
Other notable concentrations include Northern Illinois University's 6.6 percent allocation (14 programs) to Multi-Interdisciplinary Studies, Other, and Southern Illinois University Carbondale's focus on Fire Services Administration, with 11 programs comprising 4.2 percent of its offerings. Southern Illinois University Edwardsville highlights Registered Nursing/Registered Nurse as its top academic focus at 3.3 percent.

The University of Illinois System also reflects distinct areas of emphasis: University of Illinois Chicago dedicates 2.8 percent of its programs to Computer Science; University of Illinois Springfield focuses 4.7 percent on Educational Leadership and Administration, General; and University of Illinois Urbana-Champaign leads with 3.3 percent in Computer and Information Sciences, Other. Western Illinois University prioritizes Educational/Instructional Technology, accounting for 7.7 percent of its offerings.

This diversity across institutions underscores the importance of leveraging their individual strengths to address Illinois' workforce needs and economic priorities effectively.

## A Thriving Illinois Workforce of Growth

A robust economy depends on the continuous infusion of new university graduates into the workforce pipeline. To gauge effectiveness in meeting this demand, it is crucial to analyze the most in-demand occupations and align educational outcomes with workforce needs. At the student level, efforts have focused on emphasizing the financial benefits of higher education. According to the National Association of Colleges and Employers (NACE) First Destination report for the Class of 2023, 89.4 percent of bachelor's degree graduates from reporting institutions achieved positive outcomes, surpassing the national average of 84.7 percent. These graduates reported an average starting salary of \$60,553, underscoring the value of higher education as a pathway to well-paying jobs. By supporting graduate placement efforts, these



Source: National Association of Colleges and Employers  
First Destination Survey 2023

outcomes contribute to stronger communities and a positive economic impact, aligning with IBHE's strategic plan *A Thriving Illinois*.

### **Workforce Demand Drives Program Prioritization**

***"Illinois' top 25 occupations requiring a degree represent 54% of annual job openings, emphasizing the need for public universities to align programs with these high-demand fields."***

In Illinois, an analysis of the top 25 occupational careers that require an associate degree or higher, sourced from data compiled by the Bureau of Labor Statistics (BLS) and Census Bureau, and refined through Chmura's JobsEq projection models, reveals that 23 of these careers typically require a bachelor's degree or higher for entry. Moreover, the top 25 degree-required occupations represent 54 percent of all degree-required openings per year. This underscores the critical role of higher education in equipping individuals with the qualifications essential for fulfilling the state's workforce needs and driving economic prosperity. Illinois Department of Employment Security and BLS data is reviewed and incorporated into the new academic program proposals reviewed by IBHE.

*Table 8. Top 25 Occupations in Illinois Requiring an Associate's Degree or Higher*

	Detailed Occupation Title	Total Jobs	Annual Openings	Entry-Level Wages, Annual	Median Wages, Annual	Experienced Wages, Annual	Typical Entry-Level Education Required
1	General and Operations Managers	189,081	14,893	\$53,900	\$104,500	\$168,600	Bachelor's
2	Registered Nurses	130,045	6,561	\$68,500	\$84,800	\$95,700	Bachelor's
3	Software Developers	60,944	5,229	\$84,300	\$128,300	\$149,400	Bachelor's
4	Accountants and Auditors	58,960	4,544	\$54,400	\$80,000	\$104,800	Bachelor's
5	Management Analysts	49,240	4,302	\$69,000	\$105,900	\$146,100	Bachelor's
6	Market Research Analysts and Marketing Specialists	38,223	3,924	\$45,200	\$75,200	\$95,500	Bachelor's
7	Business Operations Specialists, All Other	41,810	3,553	\$45,000	\$77,700	\$101,500	Bachelor's
8	Elementary School Teachers, Except Special Education	59,393	3,526	\$48,400	\$64,400	\$81,500	Bachelor's
9	Financial Managers	41,816	3,352	\$88,200	\$139,900	\$197,200	Bachelor's
10	Human Resources Specialists	35,795	3,150	\$45,900	\$66,900	\$85,800	Bachelor's
11	Managers, All Other	44,632	3,134	\$77,000	\$127,400	\$166,200	Bachelor's
12	Secondary School Teachers, Except Special and Career/Tech Education	44,594	2,464	\$50,200	\$74,100	\$89,600	Bachelor's
13	Project Management Specialists	30,878	2,372	\$61,300	\$99,200	\$124,100	Bachelor's
14	Preschool Teachers, Except Special Education	21,324	2,011	\$30,800	\$36,300	\$43,800	Associate's
15	Sales Managers	27,109	1,994	\$83,000	\$139,800	\$193,700	Bachelor's
16	Securities, Commodities, and Financial Services Sales Agents	24,626	1,958	\$46,800	\$76,300	\$123,800	Bachelor's
17	Marketing Managers	22,653	1,859	\$83,700	\$136,100	\$180,000	Bachelor's
18	Computer and Information Systems Managers	23,065	1,850	\$106,300	\$163,200	\$195,800	Bachelor's
19	Substitute Teachers, Short-Term	17,578	1,766	\$30,500	\$38,600	\$51,600	Bachelor's
20	Medical and Health Services Managers	17,783	1,728	\$80,500	\$118,100	\$162,500	Bachelor's
21	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	14,274	1,521	\$39,300	\$51,900	\$67,400	Bachelor's

Table 8, continued

	Detailed Occupation Title	Total Jobs	Annual Openings	Entry-Level Wages, Annual	Median Wages, Annual	Experienced Wages, Annual	Typical Entry-Level Education Required
22	Middle School Teachers, Except Special and Career/Tech Education	24,467	1,458	\$48,900	\$65,300	\$82,400	Bachelor's
23	Lawyers	34,404	1,428	\$80,500	\$141,700	\$206,600	Doctoral or Professional
24	Computer Systems Analysts	20,796	1,427	\$67,300	\$103,000	\$124,600	Bachelor's
25	Child, Family, and School Social Workers	15,291	1,381	\$42,000	\$59,600	\$74,000	Bachelor's

Source: JobsEQ, 2023Q2

## Strengthening Illinois' Workforce through Strategic Program Alignment

Illinois' public universities are pivotal in fostering a robust workforce pipeline by crafting, expanding, and adapting programs to meet the dynamic demands of today's labor market and evolving career opportunities. While many high-demand fields have roots in undergraduate education, it is critical for institutions to actively engage with industry partners to ensure their programs align with the skills employers seek.

A key component of this alignment involves a strategic assessment of targeted occupations for each academic program. Institutions must ensure these programs correspond to both the academic CIPs and the workforce SOC. This dual alignment allows universities to tailor educational offerings to meet specific industry needs, ensuring that graduates are well-equipped with the knowledge and competencies demanded in the job market.

### Aligning Programs with Workforce Needs

***"Strategic alignment of academic programs with industry needs ensures graduates are equipped with the skills demanded by employers, strengthening Illinois' workforce pipeline and driving economic growth."***

By aligning CIP and SOC classifications, institutions enhance the relevance and impact of their programs, creating a stronger connection between academic preparation and employment opportunities. This approach not only elevates the value of higher education but also directly supports the development of a skilled workforce, contributing to the state's economic growth.

To maintain an effective workforce pipeline, Illinois' universities must continually evaluate their program portfolios and align new submissions with both regional and statewide labor market demands. While addressing niche areas of study remains important, the primary focus should be on programs that meet pressing workforce needs. By balancing institutional missions with strategic workforce alignment, Illinois' public universities can ensure that their graduates are prepared to thrive in a rapidly changing economic landscape.

Upon closer examination of the top 25 occupations, it becomes evident that certain roles warrant additional attention in this report. Notably, Registered Nurses, Software Developers, and Business Management-related occupations emerge as focal points, reflecting significant trends in the workforce landscape. These related programs are not included in the eliminated programs for the review period; however, they were not in the created list, either. Being these are traditionally well-established programs; this might lead to institutions focusing on increased marketing opportunities for the programs and focusing on outcomes for students in the programs.

## #2 In-Demand Occupation: Registered Nurses

Annual Openings: 6,651

2023 Degrees: 1,809

Source: JobsEQ, 2023Q2, &amp; IHEIS 2022-23 Graduation Collection



The demand for Registered Nurses remains notable, projecting a substantial 6,561 positions open annually, primarily due to attrition and retirement. This challenge is not confined to Illinois; it resonates across all states, necessitating efforts to widen the funnel into the pipeline, lower barriers to entry for candidates, and ensure effective candidate preparation and completion. These measures are essential to enhance the likelihood of long-term retention in the field.

### **Addressing Critical Workforce Gaps**

***"Registered Nursing remains a top priority, with 6,561 annual job openings but only 1,809 graduates in 2023. Expanding nursing programs is essential to closing this gap."***

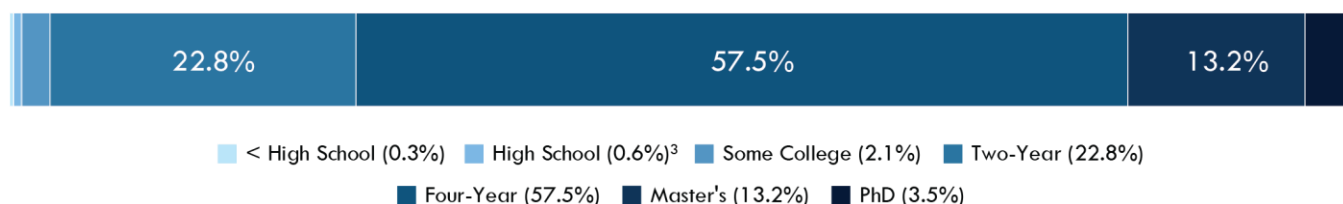
Illinois public universities play a significant role in the in-state supply chain for Registered Nurses, providing 26 programs throughout the state, with additional support from for-profit schools, and non-profit institutions, providing an additional 55 programs, and the public community college system, including through associate's level degrees. The CIP Code for Registered Nursing is found in the top 25 CIP code programs offered by public universities. However, the overall production of Registered Nursing completers from these additional sources may be influenced by the number of students served for out-of-state purposes. Consequently, the number of degreed Registered Nurses still falls short of meeting in-state demands. Institutions could use this analysis to aid program creation or expansion. In review of the new programs discussed earlier in this report, over the past two years, there have not been any new nursing programs created or expanded.

*Table 9. Nursing Programs Offered by Public Universities by Region by CIP Code*

University and CIP Code Title	Fox Valley	Western	Central	South Metro	Prairie	South-western	Chicago	Grand Total
<b>GSU</b>				2				2
Nursing Practice				1				1
Nursing Science				1				1
<b>ISU</b>			2					2
Nursing Practice			1					1
Nursing Science			1					1
<b>NIU</b>	2							2
Nursing Practice	1							1
Nursing Science	1							1
<b>SIUC</b>						1		1
Nursing Administration						1		1
<b>SIUE</b>						8		8
Nursing Administration						2		2
Nursing Education						4		4
Nursing Practice						2		2
<b>UIC</b>	2	2	2		2		3	11
Nursing Practice	1	1	1		1		1	5
Nursing Science	1	1	1		1		2	6
<b>Grand Total</b>	4	2	4	2	2	9	3	26



Figure 3. Distribution of Educational Attainment among Employed Registered Nurses in Illinois



Source: JobsEQ, 2023Q2

In 2023, Illinois public universities contributed 1,809 graduates from nursing programs which could connect them directly to the Registered Nurse occupation addressing nursing shortages. While the shortage is nationwide, it is evident that nursing training programs, provided by public universities, may be lacking in the North Suburban region, creating additional strain on that area.

IBHE, in collaboration with other higher education and state partners, are working to address these issues through initiatives such as the Nurse Educator Fellowship Program<sup>3</sup>, Nursing School Grant<sup>4</sup>, and researching issues impacting the ability to expand nursing programs in the State. Appendix U provides further insights including CIP titles directly related to the Registered Nurse occupation.

### #3 In-Demand Occupation: Software Developers

Annual Openings: 5,229

2023 Degrees: 4,370

Source: JobsEQ, 2023Q2, & IHEIS 2022-23 Graduation Collection

Software Developers rank as the third most in-demand occupation in Illinois, experiencing exponential growth over the past two decades. What was once an emerging field has now become a staple, consistently ranking among the top 10 high-skill, high-wage, high-demand occupations. Given the pervasive influence of information technology across every industry, Software Developers play a central role in driving technological advancement. Notably, this occupation boasts one of the state's lowest unemployment rates at 1.5 percent and is projected to create new job opportunities in the coming five years.

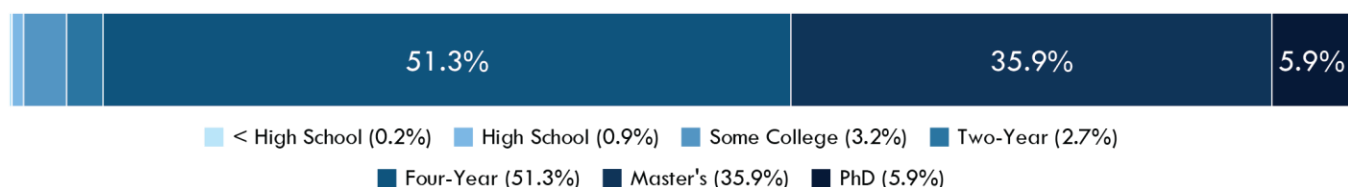
Public universities have demonstrated commendable performance in producing degree completers who excel in this occupation. They serve as the primary source for trained software developers, with 93.1 percent of graduates currently employed holding a bachelor's degree or higher. However, it's essential to acknowledge that existing degree programs must evolve alongside the occupation. Universities can modify previously IBHE Board-approved programs through the RME process. This allows universities to adjust programs due to the evolution of the academic area. Over the past two years, Northeastern Illinois University utilized the process for their Bachelor of Science in Cybersecurity and Bachelor of Science in Information Technology, while Southern Illinois University Edwardsville pursued the Board approval process for a new Bachelor of Science in Cybersecurity Engineering. Meanwhile, the University of Illinois Urbana Champaign launched a Master of Computer Science in the Chicago Region. To maintain competitiveness and support labor market needs, public universities may need to adapt by expanding program offerings in these high demand fields, such as Computer Software Engineering (CIP 14.0903), Modeling, Virtual Environments, and Simulation (CIP 11.0804), Informatics (CIP 11.0104), and Artificial Intelligence (CIP 11.0102). For a comprehensive list of training programs directly related to Software Developers, please refer to Appendix U.

<sup>2</sup> Education attainment data from the ACS are a useful analytical tool that complements the category system. These data present the percent distribution of workers employed in an occupation, broken down by their highest level of education attained. The ACS collects demographic and employment information from about 3 million households annually. The educational attainment data published by BLS are based on the Census Bureau's microdata files. Like any sample survey, the ACS is a household sample survey and is subject to response and coding error, as well as sampling error.

<sup>3</sup> The Nursing Educator Fellowship Program aims to ensure the retention of well-qualified nursing faculty at institutions of higher education that award degrees in nursing. More information is available at [Grants NEFP \(ibhe.org\)](https://grants.nefp.ibhe.org).

<sup>4</sup> The goal of the Nursing School Grant Program is to increase the number of registered nurses in Illinois. Visit [Grants NSGP \(ibhe.org\)](https://grants.nsgp.ibhe.org) for more information.

Figure 4. Distribution of Educational Attainment among Employed Software Developers in Illinois



Source: JobsEQ, 2023Q2

## Analysis of General Business Administration and Management Degree (CIP 52.0201) Completion Shortages and Job Market Dynamics

Five of the top ten in-demand occupations in Illinois, accounting for a total of 29,822 annual job openings, are directly linked to Business Administration and Management, General (CIP 52.0201), representing a complex occupational grouping. However, despite this demand, only 3,632 graduates were recorded in spring 2023, see Appendix V for a complete list. While this may suggest a significant disconnect between graduates and demand, further exploration is necessary to include related degrees and occupations<sup>5</sup>.

### Business Administration Pipeline Needs Support

**"With 40,000+ annual openings linked to business administration-related roles, Illinois must expand and adapt these programs to meet employer demands."**

Business Administration degrees are directly associated with 23 occupations, contributing to a total of 41,747 job openings each year in Illinois. The current average unemployment rate for these 23 occupations stands at 2.4 percent, underscoring the challenge for employers in finding qualified workers to fill these roles. This highlights a substantial supply gap and presents an opportunity for universities to explore avenues for increasing the pipeline for these high-demand positions.

In an extended analysis, it's crucial to recognize that Business Administration is not the sole degree program leading to the 23 listed occupations. There is a total of 67 degree programs (see Table 10) that can be cross-walked to these Business Administration and Management-related occupations. Collectively, these programs produced 14,626 graduates, constituting 35 percent of the total workforce needed to fill the 41,747 annual job openings across the 23 related occupations. Additionally, the prevalence of degree holders, associate degree and above, in these 23 occupations is currently at 78.4 percent. In other words, there are 2.8 job openings for every business management-related graduate in the State of Illinois, and the pathway to these quality jobs is almost always through earning a bachelor's degree.

Table 10. Occupations That Are Most Closely Linked to Business Administration and Management, General (CIP 52.0201)

SOC	SOC Title	Annual Ave. Openings
11-1021	General and Operations Managers (Top 10)	14,893
13-1111	Management Analysts (Top 10)	4,302
13-1199	Business Operations Specialists, All Other (Top 10)	3,553
13-1071	Human Resources Specialists (Top 10)	3,150
11-9199	Managers, All Other (Top 25)	3,134
13-1082	Project Management Specialists (Top 25)	2,372
11-2022	Sales Managers (Top 25)	1,994

<sup>5</sup> U.S. Department of Homeland Security manages the STEM-designated CIP codes for international students enrolling in the United States. This designation impacts occupational practical training times following graduation. Currently, there are many programs which are moving away from specific academic focused CIP codes to more general STEM related CIP codes to improve international student recruitment and enrollment in particular in business and accounting related fields. This will have an impact on enrollment/completion data for academic programs.

Table 10, continued

SOC	SOC Title	Annual Ave. Openings
11-9021	Construction Managers	1,327
13-1081	Logisticians	990
11-3012	Administrative Services Managers	940
11-3121	Human Resources Managers	920
11-3071	Transportation, Storage, and Distribution Managers	753
11-3051	Industrial Production Managers	634
SOC	SOC Title	Annual Ave. Openings
11-9151	Social and Community Service Managers	565
13-1051	Cost Estimators	499
11-1011	Chief Executives	435
11-3013	Facilities Managers	336
13-1141	Compensation, Benefits, and Job Analysis Specialists	290
25-1011	Business Teachers, Postsecondary	281
11-3131	Training and Development Managers	146
11-9072	Entertainment and Recreation Managers, Except Gambling	123
11-9179	Personal Service Managers, All Other	68
11-3111	Compensation and Benefits Managers	42
		<b>41,747</b>

Source: JobsEQ, 2023Q2

Furthermore, it is important to note that management positions often require one to five years of practical experience, such as leading a team or project, or working at a supervisory level. This experience can be acquired either before or after graduation, indicating a dynamic pathway for career advancement in these fields. Moreover, these pathways can be accelerated through innovative strategies at the university level, offering increased opportunities for impactful internships and externships. This also leads to reviewing academic portfolios to build or refresh programs to attract non-traditional students to higher education programs.

Expanding the capacity and diversity of programs supporting business management-related occupations in public universities holds immense value and represents a significant step towards addressing the workforce demand of 41,747 annual openings. Moreover, there are ample opportunities to extend outreach efforts to non-traditional and underrepresented segments of the population, encouraging their participation and training in these crucial fields.

## Conclusion

In conclusion, the intricate interplay between educational programs, successful higher education landscape, and workforce demands lies at the heart of Illinois' economic vitality. The analysis presented in this report underscores the pivotal role of higher education in preparing graduates for the state's most sought-after occupations, with a particular emphasis on strategic alignment between training programs and industry needs. By leveraging tools such as the Program Inventory, CIP to SOC Crosswalk, Illinois' public universities are equipped to navigate the complex landscape of academic program management, workforce development, addressing shortages and emerging opportunities with precision. However, challenges persist, as evidenced by the supply-demand gap highlighted in the assessment of Business Administration and Management degrees. Yet, this gap also signifies potential avenues for innovation and expansion within educational offerings. Moving forward, continued collaboration between educational institutions, policymakers, and industry stakeholders will be essential to ensure that Illinois remains at the forefront of workforce readiness, driving sustained economic growth and prosperity for all its citizens.

IBHE staff compiled and summarized enrollment and completion data from its Illinois Higher Education Information System (IHEIS), which is the central enrollment data repository for higher education institutions in Illinois. IBHE staff calculated three-year averages for each program, listed programs by classification of instructional programs (CIP) code, and then reviewed the averages to determine if a program meets the thresholds for review. IBHE staff listed the programs which fell below the agreed thresholds, as outlined in Table 3, for enrollments and degree completions over a rolling three-year average for each academic year reviewed.

The IBHE APEER process asks university leadership to classify programs not meeting enrollment and completion targets to provide programmatic feedback to IBHE. Institutions must review programs through the IBHE program review cycles and independently monitor programs closely for enrollment management purposes. While a program may appear on the IBHE APEER list for consideration, IBHE does not mandate a particular action.

Thresholds for review inclusion remained the same as in previous years. Programs that failed to meet both enrollment and degree conferral metrics would be reviewed by the institutions. This year's report had data for two academic years which created a potential for a program to miss the benchmarks for review for one year, but not necessarily both years. Any program that only missed one year was included in the review process. IBHE staff excluded programs which were closed or are in the phase out process, as well as those programs which were previously classified as having a "strong institutional justification and no further action." IBHE staff sent a list of programs to each institution and requested each program for classification.

Institutions classified each listed program not meeting thresholds. They also provided an updated classification to programs meeting the threshold which were previously classified as "Priority/Continued Review." For even calendar year reports, institutions must follow up on the programs that were marked as being a "Priority Review" for the previous year. Being that this cycle included two academic years, IBHE asked institutions to classify and update programs.

**APPENDIX B. LISTING OF NEW PROGRAMS ESTABLISHED DURING THE 2021-22 AND 2022-23 ACADEMIC YEARS BY INSTITUTION**

<b>Programs by Institution*</b>	<b>Method of Approval</b>
<b>Chicago State University</b>	
Bachelor of Arts in History and African American Studies	RME – 2021-22
<b>Eastern Illinois University</b>	
Bachelor of Science in Health Sciences	Board Approval August 2022
Master in Arts in Teaching – Secondary Teaching	Board Approved November 2022
<b>Illinois State University</b>	
Bachelor of Science in Early Childhood Education (Chicago)	RME – 2022-23
Bachelor of Science in Education in Early Childhood Education (Chicago)	RME – 2022-23
Master of Arts in English Education	Board Approval September 2021
Master in Public Health	Board Approval December 2022
Master of Science in English Education	Board Approval September 2021
Master of Science in Marketing Analytics	Board Approval November 2022
<b>Northeastern Illinois University</b>	
Bachelor of Science in Cybersecurity	RME – 2021-22
Bachelor of Science in Information Technology	RME – 2022-23
Master of Science Educational Leadership, Principal Preparation Program (North Suburban)	RME – 2021-22
Master of Arts in Human Developmental Science	RME – 2021-22
<b>Northern Illinois University</b>	
Bachelor of Science in Applied Management – Instructional Technology, Training, and Evaluation	RME – 2021-22
<b>Southern Illinois University Carbondale</b>	
Bachelor of Science Accounting (North Suburban)	RME – 2021-22
Bachelor of Science in Aviation Management (Prairie)	RME – 2022-23
Bachelor of Science in Industrial Management and Applied Engineering (West Suburban)	RME – 2022-23
Bachelor of Science in Paralegal Studies (North Suburban)	RME – 2021-22
Master of Science in Aviation Management	Board Approved August 2021
<b>Southern Illinois University Edwardsville</b>	
Bachelor of Science in Cybersecurity Engineering	Board Approval June 2022
Bachelor of Science in Surveying and Geomatics	Board Approval November 2022
Master of Science in Forensic Sciences	Board Approval June 2023
<b>University of Illinois Chicago</b>	
Bachelor of Arts in Liberal Arts and Sciences in Global Asian Studies	Board Approval December 2021

Bachelor of Science in Environmental Engineering	Board Approval December 2021
Bachelor of Science in Pharmaceutical Sciences	Board Approval August 2021
Bachelor of Science in Real Estate	Board Approval December 2021
Master of Science in Applied Behavior Analysis, Disability and Diversity in Urban Society	Board Approval June 2022
Master of Science in Biomedical Sciences	RME – 2021-22
Master of Science in Biostatistics	RME – 2021-22
Master of Science in Epidemiology	RME – 2021-22
Master of Physiology for Therapeutic Development	Board Approval June 2022
Doctor of Philosophy in Biomedical Sciences	RME – 2021-22
Doctor of Philosophy in Biostatistics	RME – 2021-22
Doctor of Philosophy in Epidemiology	RME – 2021-22
<b>Programs by Institution*</b>	<b>Method of Approval</b>
<b>University of Illinois Springfield</b>	
Bachelor of Arts in Educational Studies	RME – 2022-23
Bachelor of Arts in Secondary History Education	RME – 2021-22
Master of Public Policy	Board Approved August 2021
<b>University of Illinois Urbana-Champaign</b>	
Bachelor of Science in Accountancy + Data Science	Board Approval December 2021
Bachelor of Science in Agronomy	RME – 2021-22
Bachelor of Science in Business + Data Sciences	Board Approval November 2022
Bachelor of Science in Computer Science + Bioengineering	RME – 2022-23
Bachelor of Science in Computer Science + Education	Board Approval December 2021
Bachelor of Science in Computer Science + Physics	RME – 2022-23
Bachelor of Science in Dietetics and Nutrition	RME – 2022-23
Bachelor of Science in Environmental Engineering	Board Approval November 2022
Bachelor of Science in Finance + Data Sciences	Board Approval December 2021
Bachelor of Science in Food Science	RME – 2022-23
Bachelor of Science in Hospitality Management	RME – 2022-23
Bachelor of Science in Information Sciences + Data Science	Board Approval December 2021
Bachelor of Science in Liberal Arts and Sciences in Astronomy + Data Science	Board Approval December 2021
Bachelor of Science in Liberal Arts and Sciences in Astrophysics	Board Approval December 2021
Bachelor of Science in Liberal Arts and Sciences in Linguistics and Teaching English as a Second Language	Board Approved August 2021
Bachelor of Science in Liberal Arts and Sciences in Neuroscience	Board Approval September 2021
Bachelor of Science in Neural Engineering	Board Approval June 2022
Bachelor of Science in Nutrition and Health	RME – 2022-23

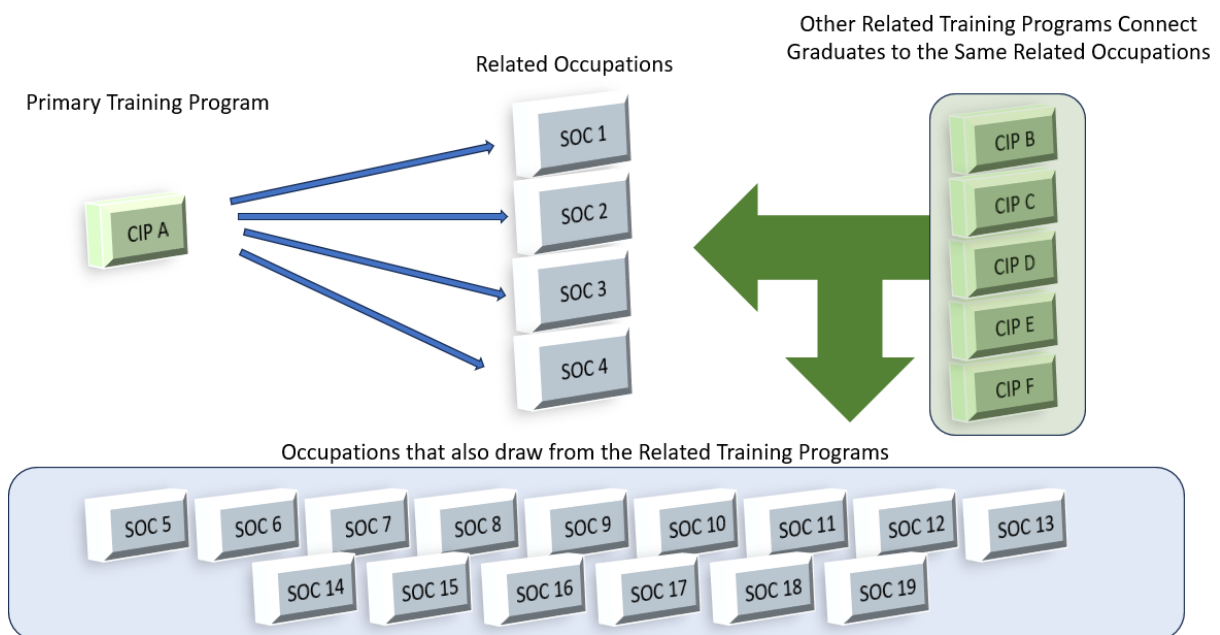
Master of Computer Science (Chicago Region)	RME – 2021-22
Master of Design in Industrial Design	RME – 2022-23
Master of Health Administration	RME – 2021-22
Master of Science in Environmental Geology	Board Approval September 2021
Master of Science in Predictive Analytics and Risk Management	Board Approval December 2021
Master of Science in Weather and Climate Risk and Analytics	Board Approved August 2021
Master of Science in CyberGIS and Geospatial Data Science	Board Approval December 2021
<b>Western Illinois University</b>	
Bachelor of Science in Nutrition and Dietetics	RME – 2022-23
Master of Music Therapy	Board Approval December 2021
Master of Public Health	RME – 2021-22
Master of Science in Teaching Mathematics	Board Approval August 2021

*\*New out-of-region program creations are indicated by the new region being listed in parentheses.*

Virtually every occupation is categorized through the Standard Occupational Classification (SOC) system. The [CIP SOC Crosswalk](#), a collaborative initiative between the [Bureau of Labor Statistics](#) and the [National Center for Education Statistics](#), serves as a vital link between these two systems. It matches 6-digit CIP Codes from the [2020 Classification of Instructional Programs](#) with detailed 6-digit descriptions from the [2018 Standard Occupational Classification](#). The systems are periodically updated as new occupations and training emerge and as there is a further refinement of the crosswalk logic.

The primary objective of the crosswalk is to align postsecondary programs of study with occupations that require specific skills and knowledge for success. This alignment is achieved through a comprehensive analysis of the content of CIP Code and SOC Code descriptions, drawing upon the expertise of statisticians from both federal agencies. Importantly, the crosswalk does not entail a one-to-one match but instead establishes nuanced connections between most training programs and occupations, recognizing the multifaceted nature of both.

Figure C-1. CIP to SOC Crosswalk Relationships



Navigating the CIP to SOC crosswalk can be intricate, involving analyses of one-to-many and many-to-many mappings. This report provides a foundational mapping of a singular CIP directly related to five of the top ten degree-related occupations currently in demand, addressing identified shortages. Furthermore, the IBHE is developing additional interactive tools that will be publicly accessible, empowering universities in their ongoing evaluation of program offerings.



**APPENDIX D. COUNT OF PROGRAMS CLOSED DURING THE 2021-22 AND 2022-23 ACADEMIC YEARS BY INSTITUTION AND LEVEL**

University and Program Level	FY 2022	FY 2023	Total
<b>Chicago State University*</b>	<b>3</b>	<b>15</b>	<b>18</b>
Bachelor's	2	14	16
Master's	1	1	2
<b>Northern Illinois University</b>	<b>0</b>	<b>6</b>	<b>6</b>
Bachelor's	0	3	3
Master's	0	2	2
Doctoral	0	1	1
<b>Southern Illinois University Carbondale</b>	<b>2</b>	<b>0</b>	<b>2</b>
Bachelor's	1	0	1
Master's	1	0	1
<b>Southern Illinois University Edwardsville</b>	<b>0</b>	<b>1</b>	<b>1</b>
Master's	0	1	1
<b>University of Illinois Springfield</b>	<b>2</b>	<b>0</b>	<b>2</b>
Bachelor's	1	0	1
Master's	1	0	1
<b>University of Illinois Urbana Champaign</b>	<b>1</b>	<b>3</b>	<b>4</b>
Master's	0	3	3
Doctoral	1	0	1
<b>Total</b>	<b>8</b>	<b>25</b>	<b>33</b>

*\*Chicago State University updated its program inventory with IBHE, officially closing programs that had no enrollments. This was an administrative process to update the inventory with programs that were already closed on campus.*

<b>Chicago State University</b>
<b>FY 2022</b>
B.A. in International Studies
B.S. in Mathematics
M.S. in Mathematics
<b>FY 2023</b>
B.A. in Music Education
B.S. in Diagnostic Medical Sonography
B.S. in Dietetics
B.S. in Economics
B.S. in Fashion Merchandising
B.S. in Hospitality Management
B.S. in Industrial Technology
B.S. in Occupational Therapy
B.S. in Radiation Therapy Technology
B.S.Ed. in Business Education
B.S.Ed. in Career & Technical Education
B.S.Ed. in Home Economics
B.S.Ed. in Occupational Education
B.S.Ed. in Special Education
M.S. Ed. in The Teaching of Reading
<b>Northern Illinois University</b>
<b>FY 2023</b>
B.A. and B.S. in Geography
B.S. in Hospitality and Tourism Management
M.S. in Geography
M.S. in Taxation
Ph.D.in Geography
<b>Southern Illinois University Carbondale</b>
<b>FY 2022</b>
B.S. in French
M.S. in Mathematics and Science Education
<b>Southern Illinois University Edwardsville</b>
<b>FY 2022</b>
Professional Science Master's in Environmental Science Management
<b>University of Illinois Springfield</b>
<b>FY 2022</b>
B.A. in Economics
M.A. in English
<b>University of Illinois Urbana-Champaign</b>
<b>FY 2022</b>
Ph.D. in Chemical Physics
<b>FY 2023</b>
M.A. in Chemistry
M.S. in Taxation
Master of Journalism in Journalism

## APPENDIX F. CHICAGO STATE UNIVERSITY

### Associate's Level

Enrollment: <24 enrollments  
Completion: <11 degrees conferred

### Bachelor's Level

Enrollment: <39 enrollments  
Completion: <8 degrees conferred

### Master's Level

Enrollment: <9 enrollments  
Completion: <4 degrees conferred

### Doctoral Level

Enrollment: <9 enrollments  
Completion: <1 degrees conferred

CHICAGO STATE UNIVERSITY			Enrollments								Completions				2023 Status	Previous Status Recorded and Any Explanations	Cost
CIP Code	CIP Code Title	Degree Title	Fall 2019	Fall 2020	Fall 2021	Fall 2022	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22	AY 19-20	AY 20-21	AY 21-22	AY 22-23	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22			
Bachelor's Level Programs																	
13.1314	Physical Education Teaching and Coaching.	B.S.Ed. in Physical Education	29	28	28	29	28	28	2	7	5	3	5	5	3. Redesign	Redesign is planned for implementation in fall 2025. The redesign plan will also include strategies for retention and on-time completion. The program is exploring and evaluating a rename/restructure of the non-licensure bachelor's, with the aim of attracting student athletes and others, who are not planning to teach in the state of Illinois.	Tuition \$335 per credit hour, Fees \$117 per credit hour
16.0905	Spanish Language and Literature.	B.A. in Spanish	6	2	5	4	4	4	2	1	1	1	1	1	5. Priority/ Continued Review		Tuition \$335 per credit hour, Fees \$117 per credit hour
23.0101	English Language and Literature, General.	B.A. in English	34	33	19	18	29	23	4	6	4	1	5	4	5. Priority/ Continued Review	The B.A. in English is currently under a university-level program review process for AY 23-24. The program is in the process for a redesign which is planned for implementation in fall 2025. The redesign will focus on technical and professional writing.	Tuition \$335 per credit hour, Fees \$117 per credit hour
31.0301	Parks, Recreation, and Leisure Facilities Management, General.	B.S. in Recreation	22	21	12	7	18	13	4	8	11	5	8	8	5. Priority/ Continued Review	5. Priority/Continued Review 2022. The program is currently under a university-level program review process for AY 23-24. A market analysis is being conducted by an outside consultant to determine viability and efficiency of this program, including if including online options would help increase student numbers.	Tuition \$335 per credit hour, Fees \$117 per credit hour
40.0501	Chemistry, General.	B.S. in Chemistry	26	17	20	18	21	18	7	6	6	0	6	4	3. Redesign	Several course and program level changes were approved through the University Curriculum Coordinating Committee in AY 23-24, that will be in place for fall 2024. The program is slated for University Program Review in three years to evaluate impact of the multiple changes initiated.	Tuition \$335 per credit hour, Fees \$117 per credit hour

CHICAGO STATE UNIVERSITY, continued																	
CIP Code	CIP Code Title	Degree Title	Enrollments								Completions				2023 Status	Previous Status Recorded and Any Explanations	Cost
			Fall 2019	Fall 2020	Fall 2021	Fall 2022	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22	AY 19-20	AY 20-21	AY 21-22	AY 22-23	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22			
40.0801	Physics, General.	B.S. in Physics	25	21	16	10	21	16	5	3	3	1	4	2	4b. Strong Institutional Justification and No Further Action	The Physics Program at Chicago State University has been one of the primary producers of African American bachelor's degrees in Physics for over two decades. According to the American Institute of Physics, for the 5 most recent years of data available (classes of 2018-222), Chicago State was in the top 3% of physics departments awarding the largest number of physics bachelor's to African Americans. The program has strong financial support to offset student success through numerous grant funded projects.	Tuition \$335 per credit hour, Fees \$117 per credit hour
50.0701	Art/Art Studies, General.	Art	41	34	29	35	35	33	7	6	4	6	6	5	4a. Justification – Good Standing Review in # Years	The program recently completed a redesign to address suggested changes to the curriculum based on a programmatic accreditation site-visit in AY 22-23. These changes have been approved for fall 2024 and the bachelor's degree is scheduled for internal program review in 2026.	Tuition \$335 per credit hour, Fees \$117 per credit hour
51.0706	Health Information/ Medical Records Administration/ Administrator.	B.S. in Health Information Administration	36	22	18	17	25	19	12	10	2	2	8	5	3. Redesign	Redesign process has been implemented and associated curriculum actions have been approved to restructure the program and shift to a fully online modality, with the first cohort of enrollment in gall 2024. Faculty have been trained for online delivery and the online courses have been fully developed. The major is being closely monitored by the University Program Review Committee, including a pending review in spring 2024 and slated review in AY 26-27.	Tuition \$335 per credit hour, Fees \$117 per credit hour, For Professional Students only Professional Fee of \$175 per credit hour
54.0101	History, General.	B.A. in History and Africana Studies	15	12	12	23	13	16	2	4	3	5	3	4	5. Priority/ Continued Review	5. Priority/Continued Review 2022. The African American Studies program was recently consolidated into the History BA (starting fall 2022), so it is now History and Africana Studies. The program saw a significant increase in enrollment in fall 2023. The African American Studies program is in the teach out phase.	Tuition \$335 per credit hour, Fees \$117 per credit hour
Master's Level Programs																	
13.0201	Bilingual and Multilingual Education.	M.S.Ed. in Bilingual Education	0	0	0	2	0	1	0	0	0	1	0	0	1. Sunset	5. Priority/Continued Review 2022. The program is suspending admissions as of fall 2024 and is beginning a teach out effective fall 2024.	Tuition \$349 per credit hour, Fees \$117 per credit hour
13.0301	Curriculum and Instruction.	M.S.Ed. in Curriculum and Instruction	6	5	3	1	5	3	1	0	3	6	1	3	1. Sunset	The program has suspended admissions as of fall 2023 and has already started the process for a teach out.	Tuition \$349 per credit hour, Fees \$117 per credit hour

CHICAGO STATE UNIVERSITY, continued																	
CIP Code	CIP Code Title	Degree Title	Enrollments								Completions				2023 Status	Previous Status Recorded and Any Explanations	Cost
			Fall 2019	Fall 2020	Fall 2021	Fall 2022	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22	AY 19-20	AY 20-21	AY 21-22	AY 22-23	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22			
23.0101	English Language and Literature, General.	M.A. in English	3	4	0	3	2	2	0	0	0	0	0	0	3. Redesign	Redesign in progress with plans for implementation for fall 2025. The redesign plans to align with current workforce needs including technical/professional writing and for currently employed English teachers seeking a Master's-level degree.	Tuition \$349 per credit hour, Fees \$117 per credit hour
23.1302	Creative Writing.	M.F.A. in Creative Writing	8	7	8	2	8	6	1	0	3	1	1	1	5. Priority/Continued Review	5. Priority/Continued Review 2022. The program recently realigned the work of the Gwendolyn Brooks Center with the College of Arts and Sciences, and is seeking to use this as a mechanism for marketing and engaging students in the M.F.A. The Program is currently under review by CSU's university-level program review process and is working on detailed plans of how realignment with the Gwendolyn Brooks Center can be supported through recruitment, marketing, and curriculum change.	
51.2201	Public Health, General.	Master of Public Health	4	10	11	12	8	11	2	0	4	2	2	2	3. Redesign	5. Priority/Continued Review 2022. The program initiated a redesign in the summer 2023 and has course and program-level changes submitted to the University Curriculum Coordinating Committee. The redesign seeks to align the degree with CEPH accreditation requirements and is seeking to shift to an online modality. The program is slated for review in 2025 continue to monitor new design.	Tuition \$349 per credit hour, Fees \$117 per credit hour
54.0101	History, General.	M.A. in History	9	6	3	10	6	6	1	3	1	2	2	2	4a. Justification – Good Standing Review in # Years	5. Priority/Continued Review 2022. The recently redesigned MA was reoriented around an African-American and African Diaspora focus, and has seen double enrollment. The program is slated for Continued Review in 3 years to review the impact of multiple changes	Tuition \$349 per credit hour, Fees \$117 per credit hour
Doctoral Level Programs																	

n/a

## APPENDIX G. EASTERN ILLINOIS UNIVERSITY

### Associate's Level

Enrollment: <24 enrollments  
Completion: <11 degrees conferred

### Bachelor's Level

Enrollment: <39 enrollments  
Completion: <8 degrees conferred

### Master's Level

Enrollment: <9 enrollments  
Completion: <4 degrees conferred

### Doctoral Level

Enrollment: <9 enrollments  
Completion: <1 degrees conferred

EASTERN ILLINOIS UNIVERSITY			Enrollments								Completions				2023 Status	Previous Status Recorded and Any Explanations	Cost
CIP Code	CIP Code Title	Degree Title	Fall 2019	Fall 2020	Fall 2021	Fall 2022	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22	AY 19-20	AY 20-21	AY 21-22	AY 22-23	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22			
Bachelor's Level Programs																	
13.1203	Junior High/ Intermediate/ Middle School Education and Teac	B.S.Ed. In Middle Level Education	39	33	28	19	33	27	10	9	6	5	8	7	4b. Strong Institutional Justification and No Further Action	2023	
13.1319	Technical Teacher Education.	B.S. in Technology Education	21	28	29	26	26	28	7	4	6	7	6	6	4b. Strong Institutional Justification and No Further Action	2023	
14.1001	Electrical and Electronics Engineering.	B.S. in Electrical Engineering	0	8	19	24	9	17	0	0	0	3	0	1	4b. Strong Institutional Justification and No Further Action	2019; 2023.	
40.0601	Geology/ Earth Science, General.	B.S. in Geology	10	10	9	10	10	10	2	1	3	2	2	2	5. Priority/ Continued Review	5. Priority/Continued Review 2022, 2023	
45.0601	Economics, General.	B.A. in Economics	22	15	14	10	17	13	3	6	6	2	5	5	5. Priority/ Continued Review	5. Priority/Continued Review 2022, 2023	
50.0501	Drama and Dramatics/ Theatre Arts, General.	B.A. in Theatre Arts	33	32	28	23	31	28	5	6	7	7	6	7	4b. Strong Institutional Justification and No Further Action	5. Priority/Continued Review 2022; 4b 2023	
Master's Level Programs																	
26.1201	Biotechnology.	MS in Biochemistry and Biotechnology	5	1	0	0	2	0	1	2	0	0	1	1	3. Redesign	2023	
27.0101	Mathematics, General.	M.A. in Mathematics	6	5	3	3	5	4	3	0	1	4	1	2	3. Redesign	5. Priority/Continued Review 2022; Redesign 2023	
45.0702	Geographic Information Science and Cartography.	P.S.M. in Geographic Information Sciences	11	12	5	7	9	8	6	9	1	1	5	4	5. Priority/ Continued Review	5. Priority/Continued Review 2020; 2023	
Doctoral Level Programs																	

n/a

## APPENDIX H. GOVERNORS STATE UNIVERSITY

### Associate's Level

Enrollment: <24 enrollments  
Completion: <11 degrees conferred

### Bachelor's Level

Enrollment: <39 enrollments  
Completion: <8 degrees conferred

### Master's Level

Enrollment: <9 enrollments  
Completion: <4 degrees conferred

### Doctoral Level

Enrollment: <9 enrollments  
Completion: <1 degrees conferred

GOVERNORS STATE UNIVERSITY			Enrollments							Completions					2023 Status	Previous Status Recorded and Any Explanations	Cost
CIP Code	CIP Code Title	Degree Title	Fall 2019	Fall 2020	Fall 2021	Fall 2022	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22	AY 19-20	AY 20-21	AY 21-22	AY 22-23	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22			
Bachelor's Level Programs																	
09.0102	Mass Communication/ Media Studies	Bachelor of Arts in Media Studies	32	27	33	21	31	27	8	5	11	6	8	7	4a. Justification – Good Standing Review in # Years	Program is on a 5 year cycle review	09.0102
27.0101	Mathematics, General.	B.A. in Mathematics	32	21	25	27	26	24	13	3	2	4	6	3	4a. Justification – Good Standing Review in # Years	Program is on a 5 year cycle review	27.0101
40.0501	Chemistry, General.	B.S. in Chemistry	27	18	16	14	20	16	2	2	4	1	3	2	5. Priority/ Continued Review	5. Priority/Continued Review 2022	40.0501
45.1301	Sociology and Anthropology.	Bachelor of Arts in Anthropology and Sociology	16	18	17	15	17	17	2	4	4	4	3	4	5. Priority/ Continued Review	5. Priority/Continued Review 2022	45.1301
50.0701	Art/Art Studies, General.	B.F.A. in Art	37	38	32	42	36	37	5	6	5	9	5	7	5. Priority/ Continued Review	5. Priority/Continued Review 2022	50.0701
51.2706	Medical Informatics.	B.S. in Health Informatics	4	8	8	9	7	8	0	0	1	3	0	1	4a. Justification – Good Standing Review in # Years	Program is on a 5 year cycle review	51.2706
54.0101	History, General.	B.A. in History	23	11	16	9	17	12	1	3	3	2	2	3	5. Priority/ Continued Review	5. Priority/Continued Review 2018. Review in 2021.	54.0101
52.0205	Operations Management and Supervision	B.A. in Business and Applied Science	43	37	35	30	38	34	13	6	8	16	9	10	6. Continued Classification	5. Priority/Continued Review 2022.	52.0205
Master's Level Programs																	
26.0101	Biology/ Biological Sciences, General.	M.S. in Biology	0	0	7	11	2	6	0	0	0	1	0	0	4a. Justification – Good Standing Review in # Years	Program is on a 5 year cycle review	26.0101
50.0702	Fine/Studio Arts, General.	M.F.A. in Studio Art	4	5	3	2	4	3	0	0	1	1	0	1	4a. Justification – Good Standing Review in # Years	Program is on a 5 year cycle review	50.0702
Doctoral Level Programs																	
51.2306	Occupational Therapy/ Therapist.	Dr.O.T. in Occupational Therapy	0	0	0	0	0	0	2	0	0	0	1	0	4a. Justification – Good Standing Review in # Years	5. Continued Review 2022.	51.2306

## APPENDIX I. ILLINOIS STATE UNIVERSITY

### Associate's Level

Enrollment: <24 enrollments  
Completion: <11 degrees conferred

### Bachelor's Level

Enrollment: <39 enrollments  
Completion: <8 degrees conferred

### Master's Level

Enrollment: <9 enrollments  
Completion: <4 degrees conferred

### Doctoral Level

Enrollment: <9 enrollments  
Completion: <1 degrees conferred

ILLINOIS STATE UNIVERSITY			Enrollments							Completions				2023 Status	Previous Status Recorded and Any Explanations	Cost	
CIP Code	CIP Code Title	Degree Title	Fall 2019	Fall 2020	Fall 2021	Fall 2022	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22	AY 19-20	AY 20-21	AY 21-22	AY 22-23	3-Yr Avg AY 19-21				3-Yr Avg AY 20-22
Bachelor's Level Programs																	
11.0901	Computer Systems Networking and Tele-communications.	B.S. in Computer Networking	35	30	26	29	30	28	10	7	7	5	8	6	4a. Justification – Good Standing Review in # Years	2023. Review in 2 years in 2025.	11.0901
13.1303	Business and Innovation/ Entrepreneurship Teacher Education	B.A. B.S. and B.S.Ed. in Business Education	30	29	30	35	30	31	6	6	7	5	6	6	4b. Strong Institutional Justification and No Further Action	4b. Strong Institutional Justification; 2023	13.1303
Master's Level Programs																	
n/a																	
Doctoral Level Programs																	
n/a																	



# APPENDIX J. NORTHEASTERN ILLINOIS UNIVERSITY

## Associate's Level

Enrollment: <24 enrollments  
Completion: <11 degrees conferred

## Bachelor's Level

Enrollment: <39 enrollments  
Completion: <8 degrees conferred

## Master's Level

Enrollment: <9 enrollments  
Completion: <4 degrees conferred

## Doctoral Level

Enrollment: <9 enrollments  
Completion: <1 degrees conferred

NORTHEASTERN ILLINOIS UNIVERSITY			Enrollments								Completions				2023 Status	Previous Status Recorded and Any Explanations	Cost
CIP Code	CIP Code Title	Degree Title	Fall 2019	Fall 2020	Fall 2021	Fall 2022	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22	AY 19-20	AY 20-21	AY 21-22	AY 22-23	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22			
Bachelor's Level Programs																	
05.0299	Ethnic, Cultural Minority, Gender, and Group Studies, Other.	B.A. in Urban Community Studies	16	15	10	11	14	12	5	7	3	4	5	5	3. Redesign	5. Priority/Continued Review 2018; Redesign 2021; 2023. Was phased out and redesigned from Inner City to Urban Community for fall 2021. Enrollments growing.	
13.1203	Junior High/ Intermediate/ Middle School Education and Teac	B.A. in Middle Level Education	10	27	29	25	22	27	0	6	14	6	7	9	4a. Justification – Good Standing Review in # Years	2023. The program has been reviewed and deemed "justified". Enrollment is consistent and growing, and the current 3-year average with fall 2023 enrollments is 27 students. The program serves a high need teacher shortage area and is essential for area schools. The program will be reviewed in 3 years (2027).	
30.2001	International/ Globalization Studies.	B.A. in Global Studies	14	12	10	7	12	10	3	7	6	0	5	4	5. Priority/ Continued Review	5. Priority/Continued Review 2022; 2023 Continued Review. This program is currently undergoing a change in leadership coupled with revitalization and enhanced recruitment efforts.	Inter-disciplinary program with no dedicated faculty.
40.0601	Geology/ Earth Science, General.	B.S. in Earth Science	20	13	7	4	13	8	8	5	4	3	6	4	5. Priority/ Continued Review	Previously incorrectly listed as "3. Redesign 2017". 2023 Continued Review. The program first appeared on the IBHE APEERS list in 2020. Since then, the program has launched new recruiting efforts around a comprehensive curriculum focused on studying environmental issues--from policy to science. Placing under continued classification while impact on initiatives enrollments assessed.	\$374/SCH in FY22 (departmental costs in institutional cost study)
45.0201	Anthropology, General.	B.A. in Anthropology	18	17	15	10	17	14	5	5	7	2	6	5	3. Redesign	3. Redesign 2022. 2023.In concert with Earth Science, new recruiting efforts around a comprehensive curriculum focused on studying environmental issues--from policy to science-- is being launched. Continuing assessment of impact on enrollments.	\$445/SCH in FY22 (departmental costs in institutional cost study)
45.0701	Geography.	B.A. in Geography	11	9	3	5	8	6	4	2	3	2	3	2	5. Priority/ Continued Review	5. Priority/Continued Review 2022. 2023. In concert with Earth Science, new recruiting efforts around a comprehensive curriculum focused on studying environmental issues – from policy to science – is being launched. Continuing assessment of impact on enrollments.	\$419/SCH in FY22 (departmental costs in institutional cost study)

Master's Level Programs																	
13.1203	Junior High/Intermediate/Middle School Education and Teac	M.A.T. in Middle Level Education	9	9	11	11	10	10	0	0	4	4	1	3	4a. Justification – Good Standing Review in # Years	5. Priority Review 2022. 2023 4A. Previously status was 5. Priority Review (2022). This program is in a high need, teacher shortage area in the state of Illinois and the Chicago region. The 3- year average is 10 students, and fall enrollment is 14 students. The program is a critical one to meet teacher workforce needs and will be reviewed in 3 years (2027)	13.1203
13.1210	Early Childhood Education and Teaching.	Master of Arts in Teaching in Early Childhood Education	0	1	0	0	0	0	0	2	0	0	1	1	3. Redesign	Redesign 2023. Previous status was phased out, not admitting students. The program has been redesigned and is scheduled to be re-approved by the Illinois State Board of Education in February 2024. Students will be admitted starting in fall 2024 and the program will be reviewed in 3 years (2027).	13.1210
Doctoral Level Programs																	

n/a

# APPENDIX K. NORTHERN ILLINOIS UNIVERSITY

## Associate's Level

Enrollment: <24 enrollments  
Completion: <11 degrees conferred

## Bachelor's Level

Enrollment: <39 enrollments  
Completion: <8 degrees conferred

## Master's Level

Enrollment: <9 enrollments  
Completion: <4 degrees conferred

## Doctoral Level

Enrollment: <9 enrollments  
Completion: <1 degrees conferred

NORTHERN ILLINOIS UNIVERSITY																	
CIP Code	CIP Code Title	Degree Title	Enrollments								Completions				2023 Status	Previous Status Recorded and Any Explanations	Cost
			Fall 2019	Fall 2020	Fall 2021	Fall 2022	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22	AY 19-20	AY 20-21	AY 21-22	AY 22-23	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22			
Bachelor's Level Programs																	
40.0801	Physics, General.	B.S. in Physics	35	29	42	38	35	36	5	2	10	5	6	6	3. Redesign	2023. The program has identified actions to improve clarity of emphasis choices, promote experiences, and degree outcomes. Progress will be reported annually.	
50.0703	Art History, Criticism and Conservation.	B.A. in Art History and Visual Studies	12	10	8	6	10	8	6	4	3	1	4	3	2. Consolidate	5. Priority/Continued Review 2022. Consolidate 2023. The program will merge with the BA in Art and offer tracks in Studio and Art History. Progress will be reported annually.	
50.0901	Music, General.	B.A. in Music (Comprehensive Major)	10	6	19	24	12	16	2	1	0	5	1	2	4a. Justification – Good Standing Review in # Years	3. Redesign 2018; 4A 2023. The Bachelor of Arts in Music (Comprehensive Major) was redesigned in 2018, significant investment was made in modernizing the facility and the Recording Arts area fully staffed. With these changes enrollment has increased and is expected to continue to increase. In addition, this major is well-aligned with the IBHE and NIU strategic plans as entry is not limited to those with access instruments, lessons, and opportunities, but for anyone with a desire and some musical talent. In particular, the new ensembles in Mariachi and Banda align well with NIU's aspiration to become an Hispanic Serving Institution. Progress will be reported annually.	
Master's Level Programs																	
16.0905	Spanish Language and Literature.	M.A. World Languages and Cultures-Spanish and Hisp	13	7	7	6	9	7	4	4	3	2	4	3	3. Redesign	2023. The program has identified actions to enhance recruiting and strengthen partnerships with target high schools. Progress will be reported annually.	
42.2806	Educational Psychology.	M.S.Ed. in Educational Psychology	4	2	0	2	2	1	2	1	1	0	1	1	1. Sunset	5. Priority/Continued Review 2019. Sunset 2023. The College of Education plans to sunset this degree program due to low enrollment for numerous years and the subsequent inability for courses to meet the minimum enrollment criteria. Accommodations will be made for the remaining student in the program. Faculty are committed to ensuring the student can successfully complete their program of study. Focus will be directed at growing enrollment in the Ph.D. in Educational Psychology.	
Doctoral Level Programs																	
13.1302	Art Teacher Education.	Ph.D. in Art and Design Education	0	0	9	11	3	7	0	0	0	1	0	0	5. Priority/Continued Review	3. Redesign 2017. Priority/Continued Review 2023. The College of Visual and Performing Arts will review this program to determine best course of action.	

# APPENDIX L. SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

## Associate's Level

Enrollment: <24 enrollments  
Completion: <11 degrees conferred

## Bachelor's Level

Enrollment: <39 enrollments  
Completion: <8 degrees conferred

## Master's Level

Enrollment: <9 enrollments  
Completion: <4 degrees conferred

## Doctoral Level

Enrollment: <9 enrollments  
Completion: <1 degrees conferred

SOUTHERN ILLINOIS UNIVERSITY CARBONDALE			Enrollments							Completions					2023 Status	Previous Status Recorded and Any Explanations	Cost
CIP Code	CIP Code Title	Degree Title	Fall 2019	Fall 2020	Fall 2021	Fall 2022	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22	AY 19-20	AY 20-21	AY 21-22	AY 22-23	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22			
Bachelor's Level Programs																	
13.1307	Health Teacher Education.	B.S. in Public Health	10	13	10	15	11	13	7	6	4	1	6	4	4b. Strong Institutional Justification	5. Priority/Continued Review 2022; 2023 4B.	0.74
13.1311	Mathematics Teacher Education.	B.S. in Mathematics	22	22	21	11	22	18	1	4	5	2	3	4	4b. Strong Institutional Justification	5. Priority/Continued Review 2019; 2023 4B.	0.74
13.1322	Biology Teacher Education.	B.S. in Biological Sciences	10	10	13	9	11	11	0	2	0	0	1	1	4b. Strong Institutional Justification	2023	
09.0101	Rhetoric and Composition.	B.A./B.S. in Communication Studies	0	0	0	0	0	0	2	0	0	0	1	0	1. Sunset	2023	
26.0301	Botany/Plant Biology.	B.A. and B.S. in Plant Biology	26	20	18	19	21	19	10	5	4	6	6	5	5. Priority/Continued Review	5. Priority/Continued Review 2022; 2023. Plans to increase enrollment include enhancing presence at open house events by bringing charismatic plants to draw attention to the major, adding a retractable banner to highlight the school at recruitment events, streamlining the curriculum and increasing plant biology courses that are cross-listed with other departments, and in-person outreach to local high schools	0.98
38.0101	Philosophy.	B.A. in Philosophy	8	9	8	9	8	9	3	5	3	4	4	4	5. Priority/Continued Review	5. Priority/Continued Review 2022; 2023. The faculty have developed a comprehensive plan for increasing student enrollment.	0.76
40.0601	Geology/Earth Science, General.	B.A. and B.S. in Geology	28	25	20	18	24	21	4	8	9	4	7	7	5. Priority/Continued Review	5. Priority/Continued Review 2022; 2023. Plans to increase enrollment include new scholarship opportunities through a recently funded NSF S-STEM project, increase recruitment efforts at community colleges, and the development of a new 200-level course in geology.	1.59
40.0801	Physics, General.	B.S. in Physics	24	16	12	14	17	14	7	3	4	3	5	3	5. Priority/Continued Review	5. Priority/Continued Review 2022; 2023. Plans to increase enrollment include increasing the number of scholarships for prospective students, adding a Quantum Information Science specialization, and launching an accelerated 4+1 program.	0.39
45.1101	Sociology, General.	B.A. in Sociology	14	18	18	17	17	18	4	9	7	2	7	6	5. Priority/Continued Review	2023. As a result of a recent program review, an area of growth in diversity/equity has been identified. A new minor in Social Justice was recently launched and is expected to bring new students into sociology.	

50.0408	Interior Design.	B.S. in Interior Design	22	27	34	34	28	32	7	4	5	4	5	4	3. Redesign	2023. Plan for enrollment growth is expanding articulation agreements with two-year institutions who have robust AAS program in Interior Design. The curriculum is being modified for better alignment with two-year programs.	
50.0501	Drama and Dramatics/ Theatre Arts, General.	B.A. in Theater	22	24	25	17	24	22	7	5	7	2	6	5	5. Priority/ Continued Review	2023. In the process of establishing a foundation account to support recruitment trips and retention events, as well as developing a marketing plan.	
51.2399	Rehabilitation and Therapeutic Professions, Other.	B.S. in Rehabilitation Services	43	19	13	11	25	14	34	3	3	2	13	3	1. Sunset	5. Priority/Continued Review 2022; 2023 1. Sunset; enrollment suspended.	
<b>Master's Level Programs</b>																	
01.0103	Agricultural Economics.	M.S. in Agribusiness Economics	10	7	9	8	9	8	12	2	7	2	7	4	4a. Justification - Good Standing	2023	
01.0901	Animal Sciences, General.	M.S. in Animal Science	5	7	7	7	6	7	3	2	1	4	2	2	5. Priority/ Continued Review	5. Priority/Continued Review 2022; 2023. Faculty participated in the priority review and have submitted an RME to add an accelerated master's degree	0.95
13.1206	Teacher Education, Multiple Levels.	Master of Arts in Teaching (M.A.T.)	0	0	0	5	0	2	0	0	0	0	0	0	4b. Strong Institutional Justification	2023. The program was suspended and then reinstated in 2021-22.	
16.0101	Foreign Languages and Literatures, General.	M.A. in Foreign Languages and Literatures	10	3	0	0	4	1	6	3	0	0	3	1	5. Priority/ Continued Review	2023. Enrollment is suspended; the plan is to continue the program but the faculty will meet this semester to determine the best course of action.	
23.0101	English Language and Literature, General.	M.A. in English	7	2	7	14	5	8	1	1	0	3	1	1	5. Priority/ Continued Review	2023. There has been an increasing trend in enrollment. The program declined during the COVID period (2020-21) but has rebounded with 14 students enrolled in 2022. The MA program provides a source of graduate teaching assistants for ENGL 101/102 courses in the University Core Curriculum.	
26.0902	Molecular Physiology.	M.S. in Molecular, Cellular, and Systemic Physiology	3	2	0	1	2	1	0	2	0	0	1	1	2. Consolidate	2023. 4a. Justification – Good Standing Review in 25- 27 2021; an RME is in progress to consolidate this program with others into a multidisciplinary biomedical and biological sciences degree	
27.0101	Mathematics, General.	M.A. and M.S. in Mathematics	7	4	5	6	5	5	5	5	1	2	4	3	5. Priority/ Continued Review	2023 - Continued classification of "enrollment suspended." There has been a recent increase in undergraduate students joining the master's program. Resume marketing efforts (this was suspended during COVID). New marketing material is being developed to send target audiences.	
40.0801	Physics, General.	M.S. in Physics	9	8	7	10	8	8	4	2	3	1	3	2	5. Priority/ Continued Review	2023. Plans to increase enrollment include collaborating with the College's recruitment and retention coordinator, hiring faculty in Quantum Information to expand graduate research and attract students, and working with the Dean's office on strategic faculty hiring initiatives.	
45.0601	Economics, General.	M.A. in Economics	11	5	13	5	10	8	4	1	1	1	2	1	2. Consolidate	2023. The plan is to consolidate the MA and MS programs and offer an MS in Economics only.	

45.1101	Sociology, General.	M.A. in Sociology	3	1	5	5	3	4	2	1	0	2	1	1	5. Priority/ Continued Review	5. Priority/Continued Review 2019; 2023. Although numbers are small, MA and PhD students in sociology take the same courses and many MA students progress to the PhD program; discontinuing the MA would impact the PhD program.
Doctoral Level Programs																
40.0601	Geology/Earth Science, General.	Ph.D. in Geosciences	8	8	8	9	8	8	0	0	2	1	1	1	5. Priority/ Continued Review	5. Priority/Continued Review 2021; 2023. Recruitment efforts include setting up an exhibit at the Geological Society of America (GSA) meeting to interact with potential doctoral students and pursuing a cooperative PhD agreement with SIUE. There is an open search for a faculty member to assist in recruitment and support of graduate students.

## APPENDIX M. SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

### Associate's Level

Enrollment: <24 enrollments  
Completion: <11 degrees conferred

### Bachelor's Level

Enrollment: <39 enrollments  
Completion: <8 degrees conferred

### Master's Level

Enrollment: <9 enrollments  
Completion: <4 degrees conferred

### Doctoral Level

Enrollment: <9 enrollments  
Completion: <1 degrees conferred

SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE			Enrollments							Completions					2023 Status	Previous Status Recorded and Any Explanations	Cost
CIP Code	CIP Code Title	Degree Title	Fall 2019	Fall 2020	Fall 2021	Fall 2022	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22	AY 19-20	AY 20-21	AY 21-22	AY 22-23	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22			
Bachelor's Level Programs																	
n/a																	
Master's Level Programs																	
23.1302	Creative Writing.	M.F.A. in Creative Writing	8	9	4	1	7	5	0	3	3	1	2	2	1. Sunset		
Doctoral Level Programs																	
n/a																	

# APPENDIX N. UNIVERSITY OF ILLINOIS CHICAGO

## Associate's Level

Enrollment: <24 enrollments  
Completion: <11 degrees conferred

## Bachelor's Level

Enrollment: <39 enrollments  
Completion: <8 degrees conferred

## Master's Level

Enrollment: <9 enrollments  
Completion: <4 degrees conferred

## Doctoral Level

Enrollment: <9 enrollments  
Completion: <1 degrees conferred

UNIVERSITY OF ILLINOIS CHICAGO			Enrollments							Completions					2023 Status	Previous Status Recorded and Any Explanations	Cost
CIP Code	CIP Code Title	Degree Title	Fall 2019	Fall 2020	Fall 2021	Fall 2022	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22	AY 19-20	AY 20-21	AY 21-22	AY 22-23	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22			
Bachelor's Level Programs																	
05.0107	Latin American Studies.	B.A. in Latin American and Latino Studies	23	24	21	11	23	19	6	8	8	3	7	6	4b. Strong Institutional Justification and No Further Action	2023. Program in good standing. Program contributes to UIC's general education program.	
05.0201	African-American/ Black Studies.	B.A. in Black Studies	12	10	11	6	11	9	5	1	3	1	3	2	4b. Strong Institutional Justification and No Further Action	4a. Justification – Good Standing Review in # Years 2020; 2023 4B. Program review subsequently completed. Program in good standing. Program contributes to UIC's general education program.	
13.1325	French Language Teacher Education.	B.A. in the Teaching of French	1	7	4	2	4	4	0	1	2	1	1	1	4b. Strong Institutional Justification and No Further Action	3. Redesign 2018; 2023 4B. Program in good standing. Program contributes to UIC's general education program.	
16.0901	French Language and Literature.	B.A. in French and Francophone Studies	10	10	8	7	9	8	4	5	3	2	4	3	4b. Strong Institutional Justification and No Further Action	3. Redesign 2018; 2023 4B. Program in good standing. Program contributes to UIC's general education program.	
50.0502	Technical Theatre/ Theatre Design and Technology.	B.A. in Theatre Design, Production, and Technology	17	22	30	24	23	25	3	4	8	9	5	7	4b. Strong Institutional Justification and No Further Action	4a. Justification – Good Standing Review in # Years 2020; 2023 4B. Program review subsequently completed. Program in good standing. Program contributes to UIC's general education program, and shares a substantial number of courses with the BFA in Acting and BA in Theatre and Performance.	
Master's Level Programs																	
26.0101	Biology/ Biological Sciences, General.	M.S. in Biological Sciences	5	6	5	10	5	7	2	4	3	3	3	3	4b. Strong Institutional Justification and No Further Action	2023. The program typically admits only applicants to the PhD. MS applicants may be admitted under unusual circumstances. Degree may be awarded once PhD candidates complete MS requirements or if students opt not to complete the PhD, assuming they have met the degree requirements for the MS.	
26.0102	Biomedical Sciences, General.	M.S. in Biomedical Sciences	0	0	0	2	0	1	0	0	0	5	0	2	4b. Strong Institutional Justification and No Further Action	2023. Students are not admitted to the MS as a terminal degree. MS is awarded if students opt not to complete the PhD, assuming they have met the degree requirements for the MS.	
45.0701	Geography.	M.A. in Environmental and Urban Geography	1	1	1	1	1	1	0	0	0	0	0	0	4b. Strong Institutional Justification and No Further Action	4a. Justification – Good Standing Review in # Years 2020; 2023 4B. Program review subsequently completed. Program in good standing.	



45.1001	Political Science and Government, General.	M.A. in Political Science	7	3	2	4	4	3	3	2	2	2	2	2	4b. Strong Institutional Justification and No Further Action	4a. Justification – Good Standing Review in # Years 2020. 2023 4B, Program review subsequently completed. Program in good standing. Program shares a significant number of courses and other resources with the PhD in Political Science.	
51.2007	Pharma-coeconomics/ Pharmaceutical Economics.	M.S. in Pharmacy	0	0	0	0	0	0	0	3	0	0	1	1	4b. Strong Institutional Justification and No Further Action	4a. Justification – Good Standing Review in # Years 2020. 2023 4B. Applicants are not directly admitted to the MS. They may be allowed to transfer from the PhD to the MS under specific circumstances with consent from the department head.	
51.9999	Health Professions and Related Clinical Sciences, Other.	M.S. in Patient Safety Leadership	19	9	5	4	11	6	12	4	5	2	7	4	4b. Strong Institutional Justification and No Further Action	2023. Program in good standing.	
Doctoral Level Programs																	

n/a

## APPENDIX O. UNIVERSITY OF ILLINOIS SPRINGFIELD

### Associate's Level

Enrollment: <24 enrollments  
Completion: <11 degrees conferred

### Bachelor's Level

Enrollment: <39 enrollments  
Completion: <8 degrees conferred

### Master's Level

Enrollment: <9 enrollments  
Completion: <4 degrees conferred

### Doctoral Level

Enrollment: <9 enrollments  
Completion: <1 degrees conferred

UNIVERSITY OF ILLINOIS SPRINGFIELD															2023 Status	Previous Status Recorded and Any Explanations	Cost
CIP Code	CIP Code Title	Degree Title	Fall 2019	Fall 2020	Fall 2021	Fall 2022	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22	AY 19-20	AY 20-21	AY 21-22	AY 22-23	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22			
Bachelor's Level Programs																	
51.1005	Clinical Laboratory Science/ Medical Technology/ Technologies	B.S. in Medical Laboratory Science	28	30	20	25	26	25	4	10	8	5	7	8	4a. Justification – Good Standing Review in # Years	2023. The BS in Medical Laboratory Science's (MLS) review was submitted to the IBHE in fall 2022. A redesigned MLS curriculum was implemented in fall 2020, the first significant curriculum revision since the degree program was established in 1973. The changes to the curriculum included restructuring, expansion, and equal distribution of major MLS content areas throughout the junior and senior years; incorporation of new content areas relevant to the professional landscape; certification exam preparation; and research in MLS. The proposed revisions did not affect the total number of credit hours required for the major, and the curriculum continues to meet the standards of the National Accrediting Agency for Clinical Laboratory Science (NAACLS). The strategic design and purposeful delivery of the revision is expected to enhance student learning, optimize programmatic outcome measures, and better reflect current professional MLS practice. The program is scheduled for its routine eight-year IBHE program review in AY 2024-25 at which time the impacts of the redesigned curriculum will be assessed. In addition, the program is beginning to recover after COVID, a particularly impactful event for a laboratory science discipline. The program is investigating new paths for completion, including an online Medical Laboratory Technician to MLS articulation option, as well as 2+2 agreements with community colleges. The program is also partnering with clinical affiliates and tweaking some aspects of the new curriculum to recruit to the profession. The 3-year enrollment average is beginning to climb, which will positively impact completions in 2-3 years. Review in 3 years.	
Master's Level Programs																	
n/a																	
Doctoral Level Programs																	
n/a																	

# APPENDIX P. UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

## Associate's Level

Enrollment: <24 enrollments  
Completion: <11 degrees conferred

## Bachelor's Level

Enrollment: <39 enrollments  
Completion: <8 degrees conferred

## Master's Level

Enrollment: <9 enrollments  
Completion: <4 degrees conferred

## Doctoral Level

Enrollment: <9 enrollments  
Completion: <1 degrees conferred

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN			Enrollments							Completions					2023 Status	Previous Status Recorded and Any Explanations	Cost
CIP Code	CIP Code Title	Degree Title	Fall 2019	Fall 2020	Fall 2021	Fall 2022	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22	AY 19-20	AY 20-21	AY 21-22	AY 22-23	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22			
Bachelor's Level Programs																	
05.0125	German Studies.	B.A.L.A.S. in Germanic Studies	5	10	10	7	8	9	3	2	2	1	2	2	4a. Justification – Good Standing Review in # Years	4a. Justification – Good Standing Review in # Years 2018; 2023 4a. In good standing, re-review in one year (2025-26).	
05.0203	Hispanic-American, Puerto Rican, and Mexican-American	B.A.L.A.S. in Latina/Latino Studies	21	16	10	17	16	14	7	6	4	7	6	6	4b. Strong Institutional Justification and No Further Action	4B status reported in fall 2019; 2023 4B. Program is critical to the LAS mission. Major enrollment is small but course enrollments and interest in minor and second majors is strong.	
13.1330	Spanish Language Teacher Education.	B.A. in the Teaching of Spanish	12	0	0	4	4	1	10	4	5	4	6	4	4b. Strong Institutional Justification and No Further Action	4a. Justification - Good Standing Review in # Years 2018; 2023 4b. Program is critical to LAS mission. Current enrollment in the Spanish BAT is low, but interest is strong and current trends point toward increased enrollments in subsequent licensure cycles.	
16.0400	Slavic Languages, Literatures, and Linguistics, General.	B.A.L.A.S. in Slavic Studies	7	3	2	2	4	2	3	0	0	0	1	0	4a. Justification – Good Standing Review in # Years	4a. Justification - Good Standing Review in # Years 2018; 2023. The program is frequently chosen as a second major, whose numbers are not included in these data. This is a small but vital program that serves other majors on campus as well. In the context of the current war between Russia and Ukraine, the program is a vital source of education for students. Re-review in five years.	
16.0901	French Language and Literature.	B.A.L.A.S. in French	14	12	11	8	12	10	3	3	3	3	3	3	3. Redesign	4a. Justification – Good Standing Review in # Years 2018; 2023 3. Faculty are in the process of redesigning the degree, per the recommendations of the 2020-21 external academic program review, but its implementation was hindered by the pandemic. The unit expects the first courses of the new curriculum to be phased in during AY 2024-25, with the new BALAS in place no more than two years later. Re-review in three years (fall 2027), following the unit's next external review.	

50.0703	Art History, Criticism and Conservation.	B.F.A. in Art and Art History	26	19	16	18	20	18	12	9	5	3	9	6	4b. Strong Institutional Justification and No Further Action	3. Redesign 2020; 2023 4B. This program was revised for fall 2024 to update the curriculum. The university also offers a separate BALAS in History of Art (also revised for fall 2024), which shares courses with the BFA. The combined studio and art history curriculum reflected by the BFA is unique and attracts a small cohort. Additionally, many courses in art history serve as large general education courses, and thus there is strong institutional justification for the size of this program.	
50.0904	Music Theory and Composition.	B.Mus. in Music Composition	11	12	8	9	10	10	1	2	1	3	1	2	3. Redesign	3. Redesign 2020; 2023 3. This program underwent an extensive curriculum revision, implemented for fall 2022. Music composition courses are central to all undergraduate music majors with most majors requiring advanced hours. Further revisions are planned for spring 2024. Review in two years.	
50.0905	Musicology and Ethnomusicology.	B.Mus. in Musicology	0	1	2	2	1	2	0	0	0	0	0	0	3. Redesign	3. Redesign 2018; 2023 3. This program underwent an extensive curriculum revision, implemented for fall 2022. Musicology courses are central to all undergraduate music majors with most majors requiring advanced hours in musicology coursework. The core musicology sequence was re-envisioned in terms of how it relates to an unbiased history of music, both inside and outside of the Western canon. Further revisions are planned for spring 2024. Review in two years.	
50.0908	Voice and Opera.	B.Mus. in Vocal	22	21	13	13	19	16	2	8	2	4	4	5	3. Redesign	3. Redesign 2020; 2023 3. This program has undergone two revisions (changing the name of the major to Voice and aligning the total degree requirements with the total hours required for the degree). Further revisions are planned for spring 2024. Review in two years.	
50.0910	Jazz/Jazz Studies.	B.Mus. in Jazz Performance	28	27	15	14	23	19	5	4	3	6	4	4	3. Redesign	3. Redesign 2018; 2023 3. This program underwent an extensive five-year curriculum revision, implemented for fall 2022. The revisions led to School-wide conversations that focused on attracting a more diverse music student, and they addressed a need to provide music majors with more tools to be successful early on in their program. Further revisions are planned for spring 2024. Review in two years.	
<b>Master's Level Programs</b>																	
13.1302	Art Teacher Education.	Ed.M. in Art Education	9	5	3	2	6	3	6	3	2	1	4	2	4b. Strong Institutional Justification and No Further Action	2023. 4B status reported in fall 2019: program is intentionally small; numbers are on target with intentions	13.1302
26.1201	Biotechnology.	M.S. in Bioprocessing and Bioenergy	7	2	5	10	5	6	7	1	1	4	3	2	5. Priority/Continued Review	2023. The unit has determined this program has a lot of potential and has identified some additional recruiting opportunities to increase the number of enrolled students.	26.1201
51.2208	Community Health and Preventive Medicine.	M.S. in Community Health	8	6	5	6	6	6	6	4	2	4	4	3	3. Redesign	3. Redesign 2018; 2023. Department is in the midst of a department name change, and major reviews of the undergraduate and graduate programs are underway. They are engaging in curricular revisions and are potentially changing the name of degree programs. Review again in five years.	51.2208

Doctoral Level Programs

22.0201	Advanced Legal Research/ Studies, General.	Doctor of the Science of Law	8	8	8	8	8	8	2	0	0	1	1	0	4b. Strong Institutional Justification and No Further Action	2023. The unit values this degree program and considers it to be an important component of its institutional mission. The annual enrollment of 8-10 students and completion goal of one per year has been fairly steady for 70 years, and those numbers are consistent with available faculty resources.	22.0201
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# APPENDIX Q. WESTERN ILLINOIS UNIVERSITY

## Associate's Level

Enrollment: <24 enrollments  
Completion: <11 degrees conferred

## Bachelor's Level

Enrollment: <39 enrollments  
Completion: <8 degrees conferred

## Master's Level

Enrollment: <9 enrollments  
Completion: <4 degrees conferred

## Doctoral Level

Enrollment: <9 enrollments  
Completion: <1 degrees conferred

Western Illinois University			Enrollments							Completions					2023 Status	Previous Status Recorded and Any Explanations	Cost
CIP Code	CIP Code Title	Degree Title	Fall 2019	Fall 2020	Fall 2021	Fall 2022	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22	AY 19-20	AY 20-21	AY 21-22	AY 22-23	3-Yr Avg AY 19-21	3-Yr Avg AY 20-22			
Bachelor's Level Programs																	
11.1003	Computer and Information Systems Security/Auditing/Infor	B.S. in Cybersecurity	19	25	23	24	22	24	1	5	4	3	3	4	5. Priority/Continued Review	2023	
13.1001	Special Education and Teaching, General.	B.S.Ed. in Special Education	43	38	32	36	38	35	12	10	6	3	9	6	5. Priority/Continued Review	2023	
13.1203	Junior High/Intermediate/Middle School Education and Tea	B.S.Ed. in Middle Level Education	21	17	15	18	18	17	8	6	4	3	6	4	5. Priority/Continued Review	2023	
14.0101	Engineering, General.	B.S. in Engineering	73	51	24	13	49	29	10	10	2	1	7	4	5. Priority/Continued Review	2023	
16.0101	Foreign Languages and Literatures, General.	B.A. in Foreign Languages & Cultures	18	16	20	19	18	18	3	4	3	7	3	5	5. Priority/Continued Review	5. Priority/Continued Review 2022; 2023.	
19.0501	Foods, Nutrition, and Wellness Studies, General.	B.S. in Nutrition and Foodservice Management	2	3	4	6	3	4	0	1	0	2	0	1	5. Priority/Continued Review	2023	
27.0101	Mathematics, General.	B.S. in Mathematics	28	17	24	27	23	23	6	6	4	3	5	4	5. Priority/Continued Review	2023	
40.0404	Meteorology.	B.S. in Meteorology	20	23	24	27	22	25	2	3	3	2	3	3	5. Priority/Continued Review	5. Priority/Continued Review 2019; 2023.	
40.0801	Physics, General.	B.S. in Physics	17	14	12	13	14	13	3	5	3	1	4	3	5. Priority/Continued Review	5. Priority/Continued Review 2019; 2023.	
43.9999	Homeland Security, Law Enforcement, Firefighting and Related.	B.S. in Emergency Management	15	8	11	26	11	15	7	6	1	5	5	4	3. Redesign	2023	
45.0601	Economics, General.	B.A. in Economics	17	16	16	11	16	14	6	6	5	0	6	4	5. Priority/Continued Review	5. Priority/Continued Review 2019; 2023.	
45.0702	Geographic Information Science and Cartography.	B.S. in Geographic Information Science	20	18	18	25	19	20	2	5	3	3	3	4	5. Priority/Continued Review	2023	

50.0702	Fine/Studio Arts, General.	Bachelor of Fine Arts in Art	24	28	23	31	25	27	4	4	5	5	4	5	5. Priority/Continued Review	5. Priority/Continued Review 2019; 2023.	
51.1005	Clinical Laboratory Science/Medical Technology	B.S. in Clinical Laboratory Science	13	14	10	8	12	11	0	2	2	1	1	2	5. Priority/Continued Review	5. Priority/Continued Review 2022; 2023.	
51.2207	Public Health Education and Promotion.	B.S. in Public Health	12	13	15	22	13	17	7	3	7	2	6	4	5. Priority/Continued Review	4a. Justification – Good Standing Review in 1 Year. 2017; 2023.	
52.0601	Business/Managerial Economics.	B.B. in Economics	18	21	22	21	20	21	4	6	4	6	5	5	5. Priority/Continued Review	2023	
52.0901	Hospitality Administration/Management, General.	B.S. in Hospitality Management	16	9	3	0	9	4	8	7	2	0	6	3	1. Sunset	2023	
<b>Master's Level Programs</b>																	
24.0101	Liberal Arts and Sciences/Liberal Studies.	Master of Liberal Arts and Sciences	5	2	3	3	3	3	1	2	2	0	2	1	5. Priority/Continued Review	2023	
<b>Doctoral Level Programs</b>																	
03.0104	Environmental Science.	Environmental Science	6	3	3	4	4	3	0	2	0	0	1	1	5. Priority/Continued Review		

**APPENDIX R. APEER REVIEWED PROGRAMS CATEGORIZED BY THEIR ASSIGNED OUTCOME STATUSES FOR ACADEMIC YEARS 2021-22 (FY22) AND 2022-23 (FY23)**

Status and Program Classifications	University	FY22	FY23
<b>Sunset</b>			
B.A./B.S. in Communication Studies	SIUC	Yes	Yes
B.S. in Hospitality Management	WIU	Yes	Yes
B.S. in Rehabilitation Services	SIUC	No	Yes
M.F.A. in Creative Writing	SIUE	Yes	Yes
M.S.Ed. in Bilingual Education	CSU	Yes	Yes
M.S.Ed. in Curriculum and Instruction	CSU	Yes	Yes
M.S.Ed. in Educational Psychology	NIU	Yes	Yes
Ph.D. in Art and Design Education	NIU	Yes	Yes
<b>Consolidate</b>			
B.A. in Art History and Visual Studies	NIU	Yes	Yes
M.A. in Economics	SIUC	No	Yes
M.S. in Molecular, Cellular, and Systemic Physiology	SIUC	Yes	Yes
<b>Redesign</b>			
B.A. in Anthropology	NEIU	Yes	Yes
B.A. in Urban Community Studies	NEIU	Yes	Yes
B.A.L.A.S. in French	UIUC	Yes	Yes
B.Mus. in Jazz Performance	UIUC	Yes	Yes
B.Mus. in Music Composition	UIUC	Yes	Yes
B.Mus. in Musicology	UIUC	Yes	Yes
B.Mus. in Vocal	UIUC	Yes	Yes
B.S. in Chemistry	CSU	Yes	Yes
B.S. in Emergency Management	WIU	Yes	Yes
B.S. in Health Information Administration	CSU	Yes	Yes
B.S. in Interior Design	SIUC	Yes	Yes
B.S. in Physics	NIU	Yes	Yes
B.S.Ed. in Physical Education	CSU	Yes	Yes
M.A. in English	CSU	Yes	Yes
M.A. in Mathematics	EIU	Yes	Yes
M.A. in World Languages and Cultures-Spanish and Hispanic Studies	NIU	No	Yes
M.S. in Community Health	UIUC	Yes	Yes
Master of Arts in Teaching in Early Childhood Education	NEIU	Yes	Yes
Master of Public Health	CSU	Yes	No
MS in Biochemistry and Biotechnology	EIU	Yes	Yes
<b>Justification - Good Standing Review in # Years</b>			
B.A. in Mathematics	GSU	Yes	Yes
B.A. in Middle Level Education	NEIU	Yes	No
B.A. in Music (Comprehensive Major)	NIU	Yes	Yes
B.A.L.A.S. in Germanic Studies	UIUC	Yes	Yes
B.A.L.A.S. in Slavic Studies	UIUC	Yes	Yes
B.S. in Computer Networking	ISU	No	Yes
B.S. in Health Informatics	GSU	Yes	Yes
B.S. in Medical Laboratory Science	UIS	Yes	Yes



Bachelor of Arts in Media Studies	GSU	No	Yes
Status and Program Classifications	University	FY22	FY23
Bachelor's in Art	CSU	Yes	Yes
Dr.O.T. in Occupational Therapy	GSU	Yes	Yes
M.A. in History	CSU	Yes	Yes
M.F.A. in Studio Art	GSU	Yes	Yes
M.S. in Agribusiness Economics	SIUC	No	Yes
M.S. in Biology	GSU	Yes	Yes
Strong Institutional Justification and No Further Action			
B.A. B.S. and B.S.Ed. in Business Education	ISU	Yes	Yes
B.A. in Black Studies	UIC	Yes	Yes
B.A. in French and Francophone Studies	UIC	Yes	Yes
B.A. in Latin American and Latino Studies	UIC	Yes	Yes
B.A. in the Teaching of French	UIC	Yes	Yes
B.A. in the Teaching of Spanish	UIUC	Yes	Yes
B.A. in Theatre Arts	EIU	Yes	Yes
B.A.L.A.S. in Latina/Latino Studies	UIUC	Yes	Yes
B.F.A. in Art and Art History	UIUC	No	Yes
B.S. in Biological Sciences	SIUC	Yes	Yes
B.S. in Electrical Engineering	EIU	Yes	Yes
B.S. in Mathematics	SIUC	Yes	Yes
B.S. in Physics	CSU	Yes	Yes
B.S. in Public Health	SIUC	Yes	Yes
B.S. in Technology Education	EIU	Yes	Yes
B.S.Ed. In Middle Level Education	EIU	No	Yes
Doctor of the Science of Law	UIUC	Yes	Yes
Ed.M. in Art Education	UIUC	Yes	Yes
M.A. in Environmental and Urban Geography	UIC	Yes	Yes
M.A. in Political Science	UIC	Yes	Yes
M.S. in Biological Sciences	UIC	Yes	Yes
M.S. in Biomedical Sciences	UIC	Yes	Yes
M.S. in Patient Safety Leadership	UIC	No	Yes
M.S. in Pharmacy	UIC	Yes	Yes
Master of Arts in Teaching (M.A.T.)	SIUC	Yes	Yes
Priority/Continued Review			
B.A. and B.S. in Geology	SIUC	Yes	Yes
B.A. and B.S. in Plant Biology	SIUC	Yes	Yes
B.A. in Economics	EIU	Yes	Yes
B.A. in Economics	WIU	Yes	Yes
B.A. in English	CSU	Yes	Yes
B.A. in Foreign Languages & Cultures	WIU	Yes	Yes
B.A. in Geography	NEIU	Yes	Yes
B.A. in Global Studies	NEIU	Yes	Yes
B.A. in History	CSU	Yes	Yes
B.A. in History and Africana Studies	CSU	Yes	Yes
B.A. in Philosophy	SIUC	Yes	Yes
B.A. in Sociology	SIUC	Yes	Yes
B.A. in Spanish	CSU	Yes	Yes

Status and Program Classifications	University	FY22	FY23
B.A. in Theater	SIUC	Yes	Yes
B.B. in Economics	WIU	Yes	Yes
B.F.A. in Art	GSU	Yes	Yes
B.S. in Chemistry	GSU	Yes	Yes
B.S. in Clinical Laboratory Science	WIU	Yes	Yes
B.S. in Cybersecurity	WIU	Yes	Yes
B.S. in Earth Science	NEIU	Yes	Yes
B.S. in Engineering	WIU	No	Yes
B.S. in Geographic Information Science	WIU	Yes	Yes
B.S. in Geology	EIU	Yes	Yes
B.S. in Mathematics	WIU	Yes	Yes
B.S. in Meteorology	WIU	Yes	Yes
B.S. in Nutrition and Foodservice Management	WIU	Yes	Yes
B.S. in Physics	SIUC	Yes	Yes
B.S. in Physics	WIU	Yes	Yes
B.S. in Public Health	WIU	Yes	Yes
B.S. in Recreation	CSU	Yes	Yes
B.S.Ed. in Middle Level Education	WIU	Yes	Yes
B.S.Ed. in Special Education	WIU	No	Yes
Bachelor of Arts in Anthropology and Sociology	GSU	Yes	Yes
Bachelor of Fine Arts in Art	WIU	Yes	Yes
M.A. and M.S. in Mathematics	SIUC	Yes	Yes
M.A. in English	SIUC	Yes	Yes
M.A. in Foreign Languages and Literatures	SIUC	Yes	Yes
M.A. in Sociology	SIUC	Yes	Yes
M.F.A. in Creative Writing	CSU	Yes	Yes
M.S. in Animal Science	SIUC	Yes	Yes
M.S. in Bioprocessing and Bioenergy	UIUC	Yes	Yes
M.S. in Physics	SIUC	Yes	Yes
Master of Liberal Arts and Sciences	WIU	Yes	Yes
P.S.M. in Geographic Information Sciences	EIU	No	Yes
Ph.D. in Environmental Science	WIU	Yes	Yes
Ph.D. in Geosciences	SIUC	Yes	Yes

**APPENDIX S. SUMMARY FOR FOLLOW-UP REVIEW STATUSES ASSIGNED BY ILLINOIS PUBLIC UNIVERSITIES FOR LOW PRODUCING PROGRAM IN 2020-21**

University	Degree Title	2023 Status
CSU	B.S. in Mathematics	Eliminated
	M.A. in History	Justification – Good Standing Review in # Years.
	M.F.A. in Creative Writing	Priority/Continued Review
	M.S. in Mathematics	Eliminated
	M.S.Ed. in Bilingual Education	Sunset
	Master of Public Health	Redesign
EIU	B.A. in Economics	Priority/Continued Review
	B.A. in Theatre Arts	Strong Institutional Justification and No Further Action
	B.S. in Geology	Priority/Continued Review
	M.A. in Mathematics	Redesign
GSU	B.A. in Business and Applied Science	Priority/Continued Review
	B.F.A. in Art	Priority/Continued Review
	B.S. in Chemistry	Priority/Continued Review
	Bachelor of Arts in Anthropology and Sociology	Priority/Continued Review
	Dr.O.T. in Occupational Therapy	Justification – Good Standing Review in # Years
	M.F.A. in Art	Temporarily Inactive
NEIU	B.A. in Geography	Priority/Continued Review
	B.A. in Global Studies	Priority/Continued Review
NIU	B.A. in Art History and Visual Studies	Consolidate
SIUC	B.A. and B.S. in Geology	Priority/Continued Review
	B.A. and B.S. in Plant Biology	Priority/Continued Review
	B.A. in Philosophy	Priority/Continued Review
	B.S. in Public Health	Strong Institutional Justification and No Further Action
	B.S. in Rehabilitation Services	Sunset
	M.S. in Animal Science	Priority/Continued Review
	Ph.D. in Geosciences	Priority/Continued Review
SIUE	Professional Science Master's in Environmental Science Management	Eliminated
WIU	B.A. in Foreign Languages & Cultures	Priority/Continued Review
	B.S. in Clinical Laboratory Science	Priority/Continued Review
	B.S. in Geology	Temporarily Inactive

23 Illinois Administrative Code  
1050 Subtitle A  
Last updated December 19, 2017



- 1-North Suburban
- 2-Fox Valley
- 3-West Suburban
- 4-Western
- 5-Central
- 6-South Metropolitan
- 7-Prairie Region
- 8-Southwestern
- 9-Southern
- 10-Chicago

Map Prepared by:  
David Smalley  
Illinois Board of Higher Education  
Associate Director of Research and Data Coordination

## APPENDIX U: PUBLIC UNIVERSITY DEGREE PROGRAMS THAT SUPPORT THE TOP TEN OCCUPATIONS IN DEMAND (ALL LEVELS)

Tables U-1 through U-10 identify the statewide public university supply of related degree completers as defined by the CIP to SOC Crosswalk to the top ten occupations in demand for the State of Illinois. Degree programs not currently active in the program inventory are listed without an entry in the 2023 Degrees column.

*Note: NA = Not Applicable – no current programs exist in Illinois Public Universities*

*Table U-1. General and Operations Managers (Annual Openings: 14,893)*

CIP	CIP Program Title	2023 Degrees
52.0201	Business Administration and Management, General.	3,632
52.0801	Finance, General.	857
52.1301	Management Science.	634
44.0401	Public Administration.	160
31.0301	Parks, Recreation, and Leisure Facilities Management, General.	119
52.1101	International Business/Trade/Commerce.	38
52.0101	Business/Commerce, General.	26
52.0701	Entrepreneurship/Entrepreneurial Studies.	17
52.081	Financial Risk Management.	NA
52.0206	Non-Profit/Public/Organizational Management.	NA
31.0399	Parks, Recreation, and Leisure Facilities Management, Other.	NA
52.0212	Retail Management.	NA
52.0215	Risk Management.	NA
52.0704	Social Entrepreneurship.	NA
01.8202	Veterinary Office Management/Administration.	NA
		<b>5,483</b>

*Table U-2. Registered Nurses (Annual Openings: 6,651)*

CIP	CIP Program Title	2023 Degrees
51.3801	Registered Nursing/Registered Nurse.	1,278
51.3818	Nursing Practice.	249
51.3808	Nursing Science.	177
51.3899	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing, Other.	73
51.3802	Nursing Administration.	22
51.3810	Psychiatric/Mental Health Nurse/Nursing.	10
51.3824	Forensic Nursing.	NA
51.3822	Women's Health Nurse/Nursing.	NA
51.3821	Geriatric Nurse/Nursing.	NA
51.3820	Clinical Nurse Leader.	NA
51.3819	Palliative Care Nursing.	NA
51.3816	Emergency Room/Trauma Nursing.	NA
51.3815	Occupational and Environmental Health Nursing.	NA
51.3814	Critical Care Nursing.	NA
51.3813	Clinical Nurse Specialist.	NA

CIP	CIP Program Title	2023 Degrees
51.3812	Perioperative/Operating Room and Surgical Nurse/Nursing.	NA
51.3811	Public Health/Community Nurse/Nursing.	NA
51.3809	Pediatric Nurse/Nursing.	NA
51.3806	Maternal/Child Health and Neonatal Nurse/Nursing.	NA
51.3805	Family Practice Nurse/Nursing.	NA
51.3803	Adult Health Nurse/Nursing.	NA
		<b>1,809</b>

*Table U-3. Software Developers (Annual Openings: 5,229)*

CIP	CIP Program Title	2023 Degrees
11.0701	Computer Science.	2,694
11.0401	Information Science/Studies.	826
14.0901	Computer Engineering, General.	480
11.0103	Information Technology.	219
30.0801	Mathematics and Computer Science.	147
30.7001	Data Science, General.	4
30.4801	Linguistics and Computer Science.	NA
30.3901	Economics and Computer Science.	NA
30.1601	Accounting and Computer Science.	NA
15.1204	Computer Software Technology/Technician.	NA
14.0903	Computer Software Engineering.	NA
11.0902	Cloud Computing.	NA
11.0804	Modeling, Virtual Environments and Simulation.	NA
11.0205	Computer Programming, Specific Platforms.	NA
11.0204	Computer Game Programming.	NA
11.0203	Computer Programming, Vendor/Product Certification.	NA
11.0202	Computer Programming, Specific Applications.	NA
11.0201	Computer Programming/Programmer, General.	NA
11.0104	Informatics.	NA
11.0102	Artificial Intelligence.	
		<b>4,370</b>

*Table U-4. Accountants and Auditors (Annual Openings: 5,229)*

CIP	CIP Program Title	2023 Degrees
52.0301	Accounting.	1,180
52.1601	Taxation.	0
43.0405	Financial Forensics and Fraud Investigation.	0
52.0305	Accounting and Business/Management.	NA
52.0304	Accounting and Finance.	NA
52.0303	Auditing.	NA
30.1601	Accounting and Computer Science.	NA
		<b>1,180</b>

Table U-5. Management Analysts (Annual Openings: 4,302)

CIP	CIP Program Title	2023 Degrees
52.0201	Business Administration and Management, General.	3,632
52.1301	Management Science.	634
30.7102	Business Analytics.	96
13.0699	Educational Assessment, Evaluation, and Research, Other.	28
52.0101	Business/Commerce, General.	26
52.0213	Organizational Leadership.	22
13.0603	Educational Statistics and Research Methods.	14
52.0601	Business/Managerial Economics.	6
13.0601	Educational Evaluation and Research.	4
30.7104	Financial Analytics.	0
42.2804	Industrial and Organizational Psychology.	NA
30.7199	Data Analytics, Other.	NA
30.7103	Data Visualization.	NA
30.7101	Data Analytics, General.	NA
27.0601	Applied Statistics, General.	NA
13.0608	Institutional Research.	NA
13.0604	Educational Assessment, Testing, and Measurement.	NA
		4,462

Table U-6. Market Research Analysts and Marketing Specialists (Annual Openings: 3,924)

CIP	CIP Program Title	2023 Degrees
52.0201	Business Administration and Management, General.	3,632
52.1101	International Business/Trade/Commerce.	38
52.0904	Hotel/Motel Administration/Management.	NA
52.0499	Business Operations Support and Secretarial Services, Other.	NA
52.0208	E-Commerce/Electronic Commerce.	NA
		3,670

Table U-7. Business Operations Specialists, All Other (Annual Openings: 3,553)

CIP	CIP Program Title	2023 Degrees
52.0201	Business Administration and Management, General.	3,632
52.1101	International Business/Trade/Commerce.	38
52.0904	Hotel/Motel Administration/Management.	NA
52.0499	Business Operations Support and Secretarial Services, Other.	NA
52.0208	E-Commerce/Electronic Commerce.	NA
		3,670



Table U-8. Elementary School Teachers, Except Special Education (Annual Openings: 3,526)

CIP	CIP Program Title	2023 Degrees
13.1202	Elementary Education and Teaching.	915
13.1210	Early Childhood Education and Teaching.	306
13.1401	Teaching English as a Second or Foreign Language/ESL Language Instructor.	36
13.1206	Teacher Education, Multiple Levels.	13
13.0201	Bilingual and Multilingual Education.	5
45.0199	Social Sciences, Other.	NA
13.1499	Teaching English or French as a Second or Foreign Language, Other.	NA
13.1402	Teaching French as a Second or Foreign Language.	NA
13.1339	Communication Arts and Literature Teacher Education.	NA
13.1338	Environmental Education.	NA
13.1213	Science, Technology, Engineering, Mathematics (STEM) Educational Methods.	NA
13.1212	International Teaching and Learning.	NA
13.1211	Online Educator/Online Teaching.	NA
13.1208	Waldorf/Steiner Teacher Education.	NA
13.1207	Montessori Teacher Education.	NA
		<b>1,275</b>

Table U-9. Financial Managers (Annual Openings: 3,352)

CIP	CIP Program Title	2023 Degrees
52.0801	Finance, General.	857
30.7104	Financial Analytics.	0
30.1601	Accounting and Computer Science.	Na
52.0215	Risk Management.	NA
52.0304	Accounting and Finance.	NA
52.0305	Accounting and Business/Management.	NA
52.0806	International Finance.	NA
52.0808	Public Finance.	NA
52.0809	Credit Management.	NA
52.0810	Financial Risk Management.	NA
52.0899	Finance and Financial Management Services, Other.	NA
		<b>857</b>

Table U-10. Human Resource Specialists (Annual Openings: 3,150)

CIP	CIP Program Title	2023 Degrees
52.0201	Business Administration and Management, General.	3,632
52.1001	Human Resources Management/Personnel Administration, General.	59
42.2804	Industrial and Organizational Psychology.	NA
52.1003	Organizational Behavior Studies.	NA
52.1006	Executive/Career Coaching.	NA
52.1099	Human Resources Management and Services, Other.	NA
		<b>3,691</b>

Source: JobsEQ, 2023Q2, & IHEIS 2022-23 Graduation Collection



**APPENDIX V. Degree Programs Offered in Illinois Cross-Walked to Business Administration and Management Related Occupations**

CIP	Program Title	2023 Degrees
52.0201	Business Administration and Management, General.	3,632
42.0101	Psychology, General.	1,574
52.0301	Accounting.	1,180
52.0801	Finance, General.	857
52.1401	Marketing/Marketing Management, General.	843
14.1901	Mechanical Engineering.	793
52.1301	Management Science.	634
45.1001	Political Science and Government, General.	617
42.2799	Research and Experimental Psychology, Other.	573
54.0101	History, General.	437
45.0601	Economics, General.	366
45.1101	Sociology, General.	325
14.3501	Industrial Engineering.	287
45.0603	Econometrics and Quantitative Economics.	263
43.0103	Criminal Justice/Law Enforcement Administration.	228
44.0401	Public Administration.	160
45.0201	Anthropology, General.	152
14.1801	Materials Engineering.	146
52.1002	Labor and Industrial Relations.	143
15.1501	Engineering/Industrial Management.	129
49.0104	Aviation/Airway Management and Operations.	126
42.2813	Applied Psychology.	122
31.0301	Parks, Recreation, and Leisure Facilities Management, General.	119
45.0701	Geography.	100
52.2001	Construction Management, General.	95
52.2002	Construction Project Management.	95
42.2803	Counseling Psychology.	94
31.0504	Sport and Fitness Administration/Management.	92
52.0203	Logistics, Materials, and Supply Chain Management.	84
52.0205	Operations Management and Supervision.	82
30.0601	Systems Science and Theory.	77
52.1304	Actuarial Science.	70
43.0202	Fire Services Administration.	66
45.0401	Criminology.	65
52.1001	Human Resources Management/Personnel Administration, General.	59
51.0702	Hospital and Health Care Facilities Administration/Management.	55
49.0101	Aeronautics/Aviation/Aerospace Science and Technology, General.	52
52.1499	Marketing, Other.	49
42.2805	School Psychology.	47
13.0403	Adult and Continuing Education Administration.	43
52.1302	Business Statistics.	41

CIP	Program Title	2023 Degrees
52.1101	International Business/Trade/Commerce.	38
45.0702	Geographic Information Science and Cartography.	27
52.0101	Business/Commerce, General.	26
09.0702	Digital Communication and Media/Multimedia.	24
14.3301	Construction Engineering.	22
52.0213	Organizational Leadership.	22
52.1701	Insurance.	21
52.0701	Entrepreneurship/Entrepreneurial Studies.	17
52.0999	Hospitality Administration/Management, Other.	17
25.0101	Library and Information Science.	14
42.2806	Educational Psychology.	14
52.0901	Hospitality Administration/Management, General.	14
52.0211	Project Management.	9
45.1301	Sociology and Anthropology.	7
52.1402	Marketing Research.	7
13.1303	Business and Innovation/Entrepreneurship Teacher Education.	5
42.2801	Clinical Psychology.	5
13.0607	Learning Sciences.	2
45.0101	Social Sciences, General.	2
15.1001	Construction Engineering Technology/Technician.	0
30.7104	Financial Analytics.	0
45.0102	Research Methodology and Quantitative Methods.	0
45.0299	Anthropology, Other.	0
45.0602	Applied Economics.	0
45.1201	Urban Studies/Affairs.	0
45.9999	Social Sciences, Other.	0
<b>67 Programs</b>		<b>14,626</b>

**APPENDIX W: NEW 2023 PROGRAMS CROSS-REFERENCED TO RELATED SUPPLY AND DEMAND**

CIP Code	Institutional Program Title	Level	# of Related Occu- pations	2023 Degrees, All- Levels, State	Annual Openings, State	Notes and explanation of adjustments
Eastern Illinois University						
13.1205	Master in Arts in Teaching – Secondary Teaching	Master’s	2	51	2,726	
51.0000	Bachelor of Science in Health Sciences	Bachelor’s	0	308	n/a	No direct SOC is paired
Illinois State University						
23.9999	Master of Arts in English Education	Master’s	1	0	160	Two programs with identical CIP
23.9999	Master of Science in English Education	Master’s	1	0	160	
30.7102	Master of Science in Marketing Analytics	Master’s	4	96	8,961	29 related training programs, yielding 9,988 degrees
51.2201	Master in Public Health	Master’s	4	319	2681	
Southern Illinois University Edwardsville						
11.1003	Bachelor of Science in Cybersecurity Engineering	Bachelor’s	7	120	652	
14.3801	Bachelor of Science in Surveying and Geomatics	Bachelor’s	5	0	820	
43.0406	Master of Science in Forensic Sciences	Master’s	3	6	248	
49.0101	Master of Science in Aviation Management	Master’s	1	52	14	Limited to Aviation related SOC's
University of Illinois Chicago						
05.0103	Bachelor of Arts in Liberal Arts and Sciences in Global Asian Studies	Bachelor’s	1	1	10	
14.1401	Bachelor of Science in Environmental Engineering	Bachelor’s	4	32	594	
42.2814	Master of Science in Applied Behavior Analysis, Disability and Diversity in Urban Society	Master’s	3	0	578	
51.2010	Bachelor of Science in Pharmaceutical Sciences	Bachelor’s	1	1	160	
51.2099	Master of Physiology for Therapeutic Development	Master’s	1	3	507	Single occupation cross-walked: Postsecondary Teacher, Health Specialties
52.1501	Bachelor of Science in Real Estate	Bachelor’s	5	0	2,636	1,122 out of 2,636 are Real Estate Agents, not requiring a degree
University of Illinois Springfield						
44.0501	Master of Public Policy	Master’s	3	39	112	Excluded Legislators

University of Illinois Urbana-Champaign						
11.0199	Bachelor of Science in Computer Science + Education	Bachelor's	1	160	162	
14.0501	Bachelor of Science in Neural Engineering	Bachelor's	2	271	36	
14.1401	Bachelor of Science in Environmental Engineering	Bachelor's	3	32	120	
University of Illinois Urbana-Champaign, continued						
16.0105	Bachelor of Science in Liberal Arts and Sciences in Linguistics and Teaching English as a Second Language	Bachelor's	2	0	301	
26.1501	Bachelor of Science in Liberal Arts and Sciences in Neuroscience	Bachelor's	4	120	645	
30.7001	Bachelor of Science in Accountancy + Data Science	Bachelor's	8	4	3,016	Excluded Software Developers and Natural Science Managers for improved accuracy
30.7001	Bachelor of Science in Business + Data Sciences	Bachelor's	8	4	3,016	
30.7001	Bachelor of Science in Information Sciences + Data Science	Bachelor's	8	4	3,016	
30.7001	Master of Science in Predictive Analytics and Risk Management	Master's	8	4	3,016	
30.7104	Bachelor of Science in Finance + Data Sciences	Bachelor's	5	0	9,619	
40.0201	Bachelor of Science in Liberal Arts and Sciences in Astronomy + Data Science	Bachelor's	8	4	3016	
40.0202	Bachelor of Science in Liberal Arts and Sciences in Astrophysics	Bachelor's	3	5	101	Excluded Natural Sciences Manager
40.0401	Master of Science in Weather and Climate Risk and Analytics	Master's	3	38	43	Excluded General Managers and Technicians
40.0699	Master of Science in Environmental Geology	Master's	3	97	65	
45.0702	Master of Science in CyberGIS and Geospatial Data Science	Master's	5	27	187	Excluded General Managers
Western Illinois University						
13.1311	Master of Science in Teaching Mathematics	Master's	4	24	4,333	102 additional CIPs contribute 9,525 degrees to primary and secondary teaching occupations
51.2305	Master of Music Therapy	Master's	2	0	602	Annual Demand is shared w/ other recreational Therapists

Source: JobsEQ, 2023Q2, & IHEIS 2022-23 Graduation Collection

Sec. 7. The Board of Trustees of the University of Illinois, the Board of Trustees of Southern Illinois University, the Board of Trustees of Chicago State University, the Board of Trustees of Eastern Illinois University, the Board of Trustees of Governors State University, the Board of Trustees of Illinois State University, the Board of Trustees of Northeastern Illinois University, the Board of Trustees of Northern Illinois University, the Board of Trustees of Western Illinois University, the Illinois Community College Board and the campuses under their governance or supervision shall not hereafter undertake the establishment of any new unit of instruction, research, or public service without the approval of the Board. The term **"new unit of instruction, research, or public service"** includes the **establishment of a college, school, division, institute, department, or other unit in any field of instruction, research, or public service not theretofore included in the program of the institution, and includes the establishment of any new branch or campus.** The term does not include reasonable and moderate extensions of existing curricula, research, or public service programs which have a direct relationship to existing programs; and the Board may, under its rulemaking power, define the character of such reasonable and moderate extensions.

Such governing boards shall **submit to the Board all proposals for a new unit of instruction, research, or public service.** The Board may approve or disapprove the proposal in whole or in part or approve modifications thereof whenever in its judgment such action is consistent with the objectives of an existing or proposed strategic plan of higher education.

The Board of Higher Education is authorized to review periodically all existing programs of instruction, research, and public service at the State universities and colleges and to advise the appropriate board of control if the contribution of each program is not educationally and economically justified. Each **State university shall report annually to the Board on programs of instruction, research, or public service that have been terminated, dissolved, reduced, or consolidated by the university.** Each State university shall also report to the Board **all programs of instruction, research, and public service that exhibit a trend of low performance in enrollments, degree completions, and high expense per degree.** The Board shall compile an annual report that shall contain information **on new programs created, existing programs that have been closed or consolidated, and programs that exhibit low performance or productivity.** The report must be submitted to the General Assembly. The Board shall have the authority to define relevant terms and timelines by rule with respect to this reporting.

(Source: P.A. 101-81, eff. 7-12-19; 102-1046, eff. 6-7-22.)