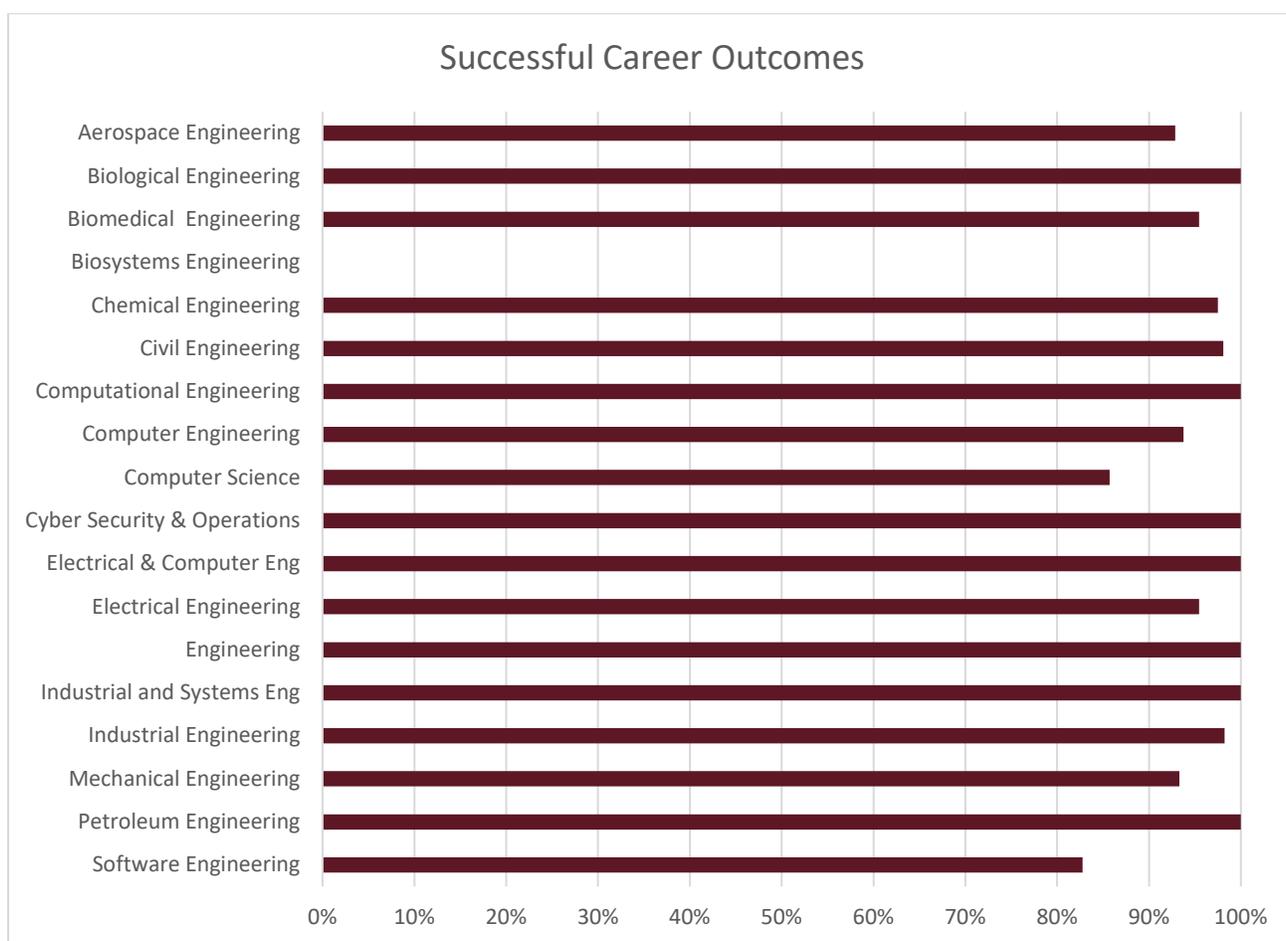


2023-2024 First Destination Survey Summary

Bagley College of Engineering

The First Destination Survey is administered to all MSU graduates upon graduation, and data is collected for a period of six months to determine the employment/continuing education status of recently graduated students. The following report comprises data from surveys completed by graduates, responses collected by Career Center ambassadors and staff via phone calls or texts, and data collection from websites such as LinkedIn and Facebook.

The knowledge rate (percentage of graduates for which reliable outcome data has been collected) for all Bagley College of Engineering graduates is 77%, and of the 77% of graduates for which data is available, 94% reported a successful career outcome (employed, continuing education, participating in a volunteer or service program, or serving in the military) within 6 months of graduation. All percentages are rounded.

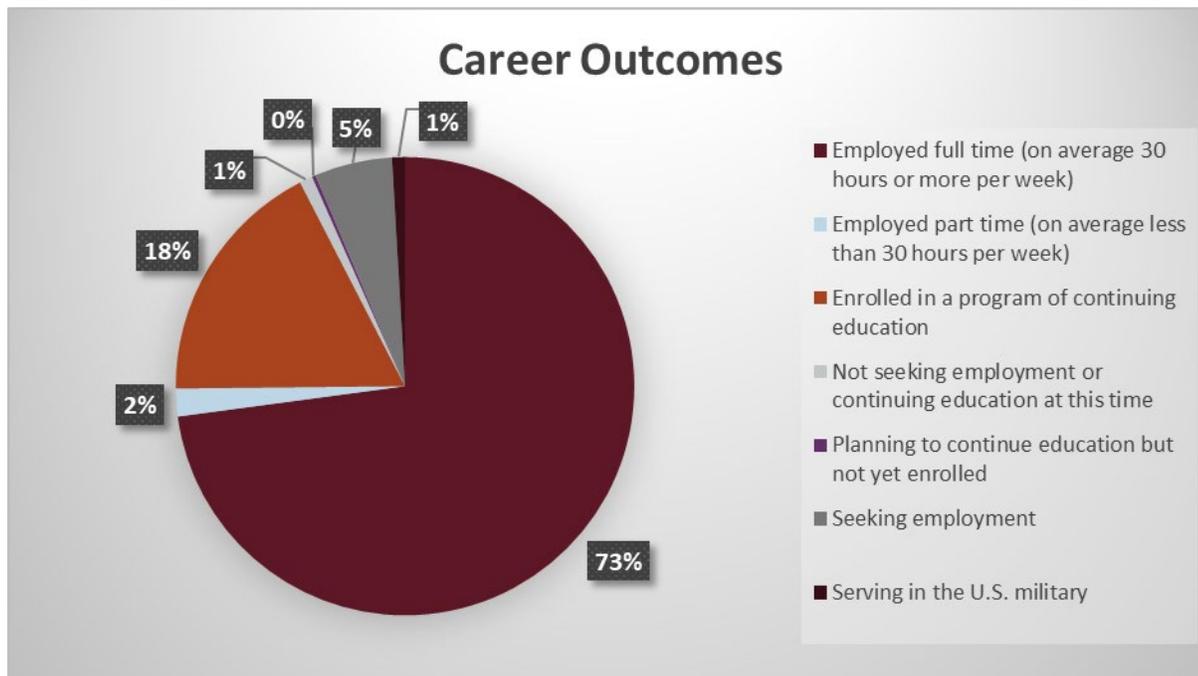


Successful Outcome Rates

Major*	Degrees	Surveys	Knowledge Rate	Successful Career Outcome**
Aerospace Engineering	77	57	74%	93%
Biological Engineering	4	3	75%	100%
Biomedical Engineering	56	44	79%	95%
Biosystems Engineering	1	0	0%	-
Chemical Engineering	52	40	77%	98%
Civil Engineering	123	105	85%	98%
Computational Engineering	3	2	67%	100%
Computer Engineering	21	16	76%	94%
Computer Science	129	92	71%	86%
Cyber Security & Operations	13	9	69%	100%
Electrical & Computer Eng	34	25	74%	100%
Electrical Engineering	85	66	78%	95%
Engineering	34	21	62%	100%
Industrial and Systems Eng	27	19	70%	100%
Industrial Engineering	64	56	88%	98%
Mechanical Engineering	223	181	81%	93%
Petroleum Engineering	5	2	40%	100%
Software Engineering	46	29	63%	83%
Total	997	767	77%	94%
MSU	5709	4352	76%	95%

*Double majors within the College are counted in each major, but only once in the total.

**Successful Career Outcome = Employed + Enrolled + Volunteering + Military / Total – Not seeking or continuing education.

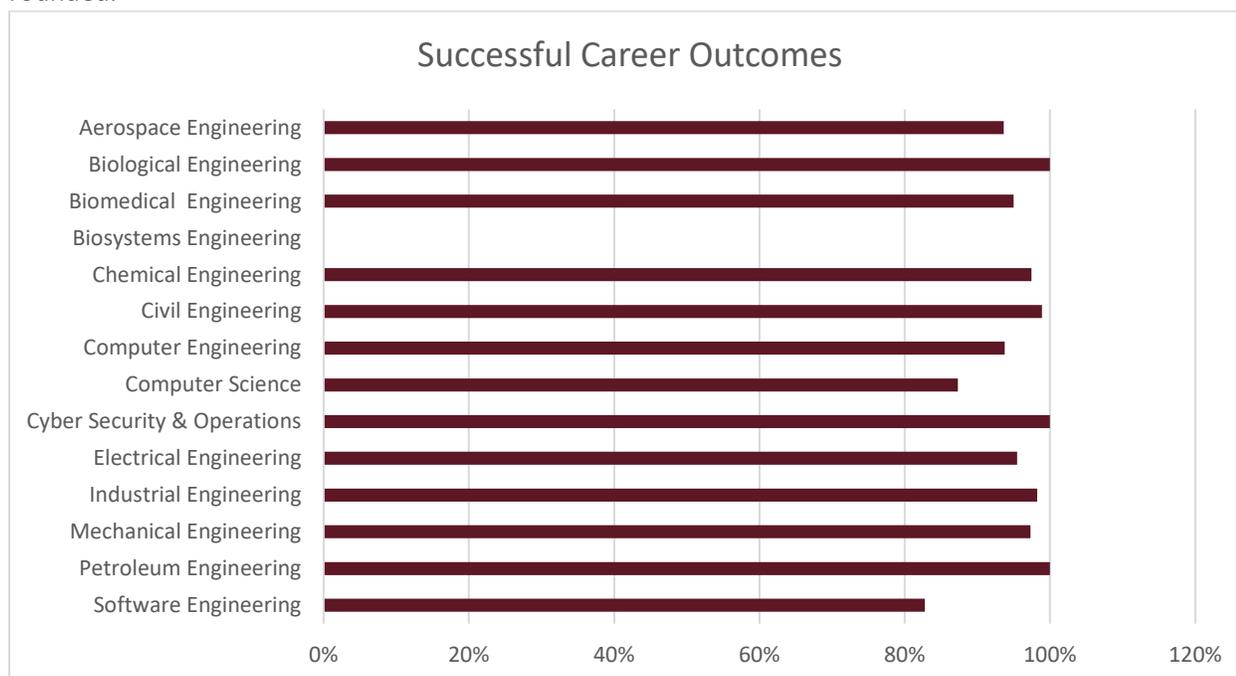


Status	Count	Percent
Employed full time (on average 30 hours or more per week)	559	73%
Employed part time (on average less than 30 hours per week)	15	2%
Enrolled in a program of continuing education	135	18%
Not seeking employment or continuing education at this time	7	<1%
Planning to continue education but not yet enrolled	2	<1%
Seeking employment	42	5%
Serving in the U.S. military	7	<1%
Total	767	100%

2023-2024 First Destination Survey Summary

Bagley College of Engineering – Undergraduate Level

The knowledge rate (percentage of graduates for which reliable outcome data has been collected) for undergraduate Bagley College of Engineering graduates is 79%, and of the 79% of graduates for which data is available, 95% reported a successful career outcome (employed, continuing education, participating in a volunteer or service program, or serving in the military) within 6 months of graduation. All percentages are rounded.

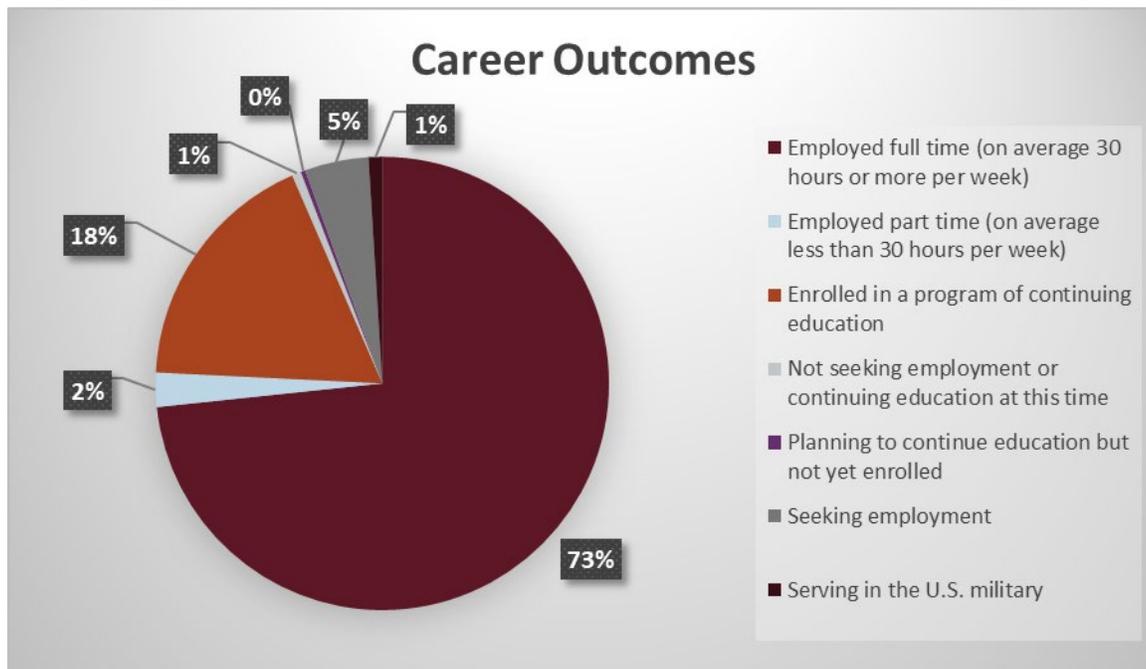


Successful Outcome Rates

Major*	Degrees	Surveys	Knowledge Rate	Successful Career Outcome**
Aerospace Engineering	64	48	75%	94%
Biological Engineering	2	2	100%	100%
Biomedical Engineering	51	40	78%	95%
Biosystems Engineering	1	0	0%	-
Chemical Engineering	49	39	80%	97%
Civil Engineering	105	91	87%	99%
Computer Engineering	21	16	76%	94%
Computer Science	102	72	71%	87%
Cyber Security & Operations	7	4	57%	100%
Electrical Engineering	85	66	78%	95%
Industrial Engineering	64	56	88%	98%
Mechanical Engineering	176	150	85%	97%
Petroleum Engineering	5	2	40%	100%
Software Engineering	46	29	63%	83%
Total	778	615	79%	95%
MSU – Undergraduate Level	4208	3216	76%	95%

*Double majors within the College are counted in each major, but only once in the total.

**Successful Career Outcome = Employed + Enrolled + Volunteering + Military / Total – Not seeking or continuing education.



Total Undergraduate Outcomes

Status	Count	Percent
Employed full time (on average 30 hours or more per week)	451	73%
Employed part time (on average less than 30 hours per week)	15	2%
Enrolled in a program of continuing education	109	18%
Not seeking employment or continuing education at this time	4	<1%
Planning to continue education but not yet enrolled	2	<1%
Seeking employment	28	5%
Serving in the U.S. military	6	<1%
Total	615	100%

Outcomes by Major

Majors with at least 5 surveys and 65% knowledge rate

Aerospace Engineering

Status	Count	Percent
Employed full time (on average 30 hours or more per week)	31	65%
Employed part time (on average less than 30 hours per week)	1	2%
Enrolled in a program of continuing education	11	23%
Not seeking employment or continuing education at this time	1	2%
Planning to continue education but not yet enrolled	1	2%
Seeking employment	2	4%
Serving in the U.S. military	1	2%
Total	48	100%

Biomedical Engineering

Status	Count	Percent
Employed full time (on average 30 hours or more per week)	13	33%
Employed part time (on average less than 30 hours per week)	2	5%
Enrolled in a program of continuing education	23	58%
Planning to continue education but not yet enrolled	1	3%
Seeking employment	1	3%
Total	50	100%

Chemical Engineering

Status	Count	Percent
Employed full time (on average 30 hours or more per week)	33	85%
Employed part time (on average less than 30 hours per week)	1	3%
Enrolled in a program of continuing education	4	10%
Seeking employment	1	3%
Total	39	100%

Civil Engineering

Status	Count	Percent
Employed full time (on average 30 hours or more per week)	87	96%
Enrolled in a program of continuing education	2	2%
Seeking employment	1	1%
Serving in the U.S. military	1	1%
Total	91	100%

Computer Engineering

Status	Count	Percent
Employed full time (on average 30 hours or more per week)	9	56%
Employed part time (on average less than 30 hours per week)	2	13%
Enrolled in a program of continuing education	4	25%
Seeking employment	1	6%
Total	16	100%

Computer Science

Status	Count	Percent
Employed full time (on average 30 hours or more per week)	35	49%
Employed part time (on average less than 30 hours per week)	6	8%
Enrolled in a program of continuing education	21	29%
Not seeking employment or continuing education at this time	1	1%
Seeking employment	9	13%
Total	72	100%

Electrical Engineering

Status	Count	Percent
Employed full time (on average 30 hours or more per week)	55	83%
Employed part time (on average less than 30 hours per week)	3	2%
Enrolled in a program of continuing education	6	9%
Seeking employment	2	5%
Total	66	100%

Industrial Engineering

Status	Count	Percent
Employed full time (on average 30 hours or more per week)	43	77%
Enrolled in a program of continuing education	12	21%
Seeking employment	1	2%
Total	56	100%

Mechanical Engineering

Status	Count	Percent
Employed full time (on average 30 hours or more per week)	121	81%
Employed part time (on average less than 30 hours per week)	2	1%
Enrolled in a program of continuing education	18	12%
Not seeking employment or continuing education at this time	2	1%
Seeking employment	4	3%
Serving in the U.S. military	3	2%
Total	150	100%

Salary Data

The First Destination Survey asks graduates to report their starting salary and any signing bonuses they may have received. Graduates are not required to respond to these questions, so the compensation data below is not complete as only 32% of graduates who reported employment shared their salaries. Data is only reported for majors with 4 or more salaries/bonuses reported.

Major	Average	Min	Max	Salary Count	Average Bonus	Bonus Count
Aerospace Engineering	\$71,718.30	\$50,000.00	\$84,000.00	10	-	1
Biological Engineering	-	-	-	-	-	-
Biomedical Engineering	\$51,250.00	\$10,000.00	\$85,000.00	4	-	-
Chemical Engineering	\$77,382.35	\$40,000.00	\$95,000.00	17	\$7,250.00	4
Civil Engineering	\$65,950.00	\$43,000.00	\$82,500.00	42	\$4,000.00	13
Computer Engineering	-	-	-	1	-	-
Computer Science	\$69,556.10	\$20,000.00	\$95,000.00	10	-	2
Cyber Security & Operations	-	-	-	1	-	1
Electrical Engineering	\$76,223.53	\$50,000.00	\$100,000.00	17	-	3
Industrial Engineering	\$72,616.67	\$56,000.00	\$105,000.00	12	\$5,375.00	4
Mechanical Engineering	\$77,218.96	\$30,000.00	\$102,000.00	27	\$6,845.64	14
Petroleum Engineering	-	-	-	-	-	-
Software Engineering	\$64,850.00	\$50,000.00	\$78,000.00	10	-	2
All	\$70,806.33	\$39,727.27	\$83,136.36	151	\$5,916.00	44

Averages only calculated when 4 or more data points are present

Employment-Degree Alignment

If a respondent selected employed as their status, they were asked if their employment aligned with their degree awarded from MSU. Of the 99% of respondents who answered, 91% agreed that their degree aligned with their employment.

Top Employment Locations by State

Of the BCOE graduates who reported being employed, 99% included the state they are employed in. Mississippi was the most popular place of employment, and 91% of the graduates are employed in southeastern states (2024 SEC member institutions).

State	Count	Percent
MS	228	50%
AL	58	13%
TN	44	10%
GA	19	4%
TX	18	4%
LA	17	4%
FL	15	3%
VA	10	2%
AR	8	2%
MO	6	1%
SC	5	1%
PA	3	<1%
CO	3	<1%
CT	3	<1%
NC	3	<1%
MD	2	<1%
IL	2	<1%
CA	2	<1%
MI	2	<1%
IN	1	<1%
MA	1	<1%
OK	1	<1%
MT	1	<1%
RI	1	<1%
AK	1	<1%
OH	1	<1%
KY	1	<1%
NY	1	<1%
WA	1	<1%
NE	1	<1%
NJ	1	<1%
Total	460	100%

Percent of graduates who reported full- or part- time employment and location, 31 states and 3 foreign countries

Top Employing Organizations by Number of Graduates Hired

The top employers of BCOE undergraduates are listed below by number of students hired.

Organization	Count
Mississippi State University	9
Garney Construction	9
Mississippi Department of Transportation	8
Georgia Pacific	8
Tennessee Valley Authority	7
Entergy Corporation	6
Mississippi Department of Environmental Quality	6
International Paper	6
Brasfield & Gorrie, LLC	6
Eaton Aerospace	5
U.S. Army Corps of Engineers	5
Ingalls Shipbuilding	5
Mississippi Power Company	4
Leidos	4
Austal	4
Northrop Grumman	4
Chevron Corporation	4
Gulfstream Aerospace	4
Dow Chemical Company, The	3
Nissan Motor Corporation	3
Enercon America	3
Ergon Inc	3
PACCAR	3
Fellowship of Catholic University Students	3
Airbus	3
Kimley-Horn	3
Tronox LLC	3
Yokohama Tire Manufacturing	3
TVA	3
Frito-Lay, Inc.	3
Dillard's Inc.	3
McKenney's, Inc.	3
Trustmark National Bank	3
HDR	3
U.S. Air Force	3
Hol-Mac Corp.	3
U.S. Army Redstone Arsenal Army Base, AMCOM G-1	3
Howard Industries	3
Total	463

306 unique organizations

Institutions where Graduates are Continuing Education

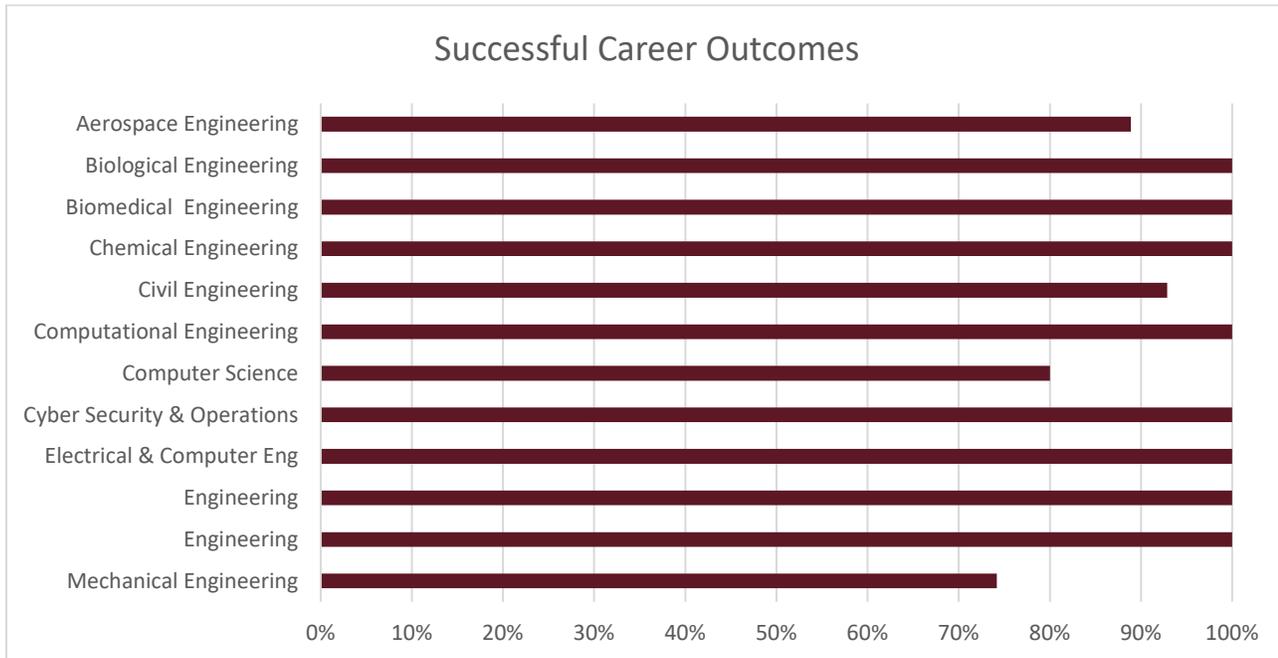
Similar to places of employment, the majority of graduates who are pursuing further education are doing so in Mississippi, with 72% attending a university in the state.

Institution	Count	Percent
Mississippi State University	75	69%
University of Mississippi Medical Center	8	7%
University of Tennessee	2	2%
University of Illinois Urbana-Champaign	1	1%
Southern College of Optometry	1	1%
University of North Dakota	1	1%
Florida Institute of Technology	1	1%
University of Alabama in Huntsville	1	1%
Louisiana State University	1	1%
Case Western Reserve University	1	1%
Mississippi College	1	1%
Arizona State University	1	1%
Baylor University	1	1%
University of Alabama at Birmingham	1	1%
North Carolina State University	1	1%
University of Florida	1	1%
Northeastern University	1	1%
University of Mississippi	1	1%
Purdue University	1	1%
University of North Alabama	1	1%
University of Southern Mississippi	1	1%
Fairfield University	1	1%
University of Tennessee Health Science Center	1	1%
Rochester Institute of Technology	1	1%
Yale University	1	1%
RWTH Aachen University	1	1%
Samford University	1	1%
Total	109	100%

*Percent of graduates enrolled in a program of continuing education and provided institution name
27 unique institutions*

2023-2024 First Destination Survey Summary Bagley College of Engineering - Graduate Level

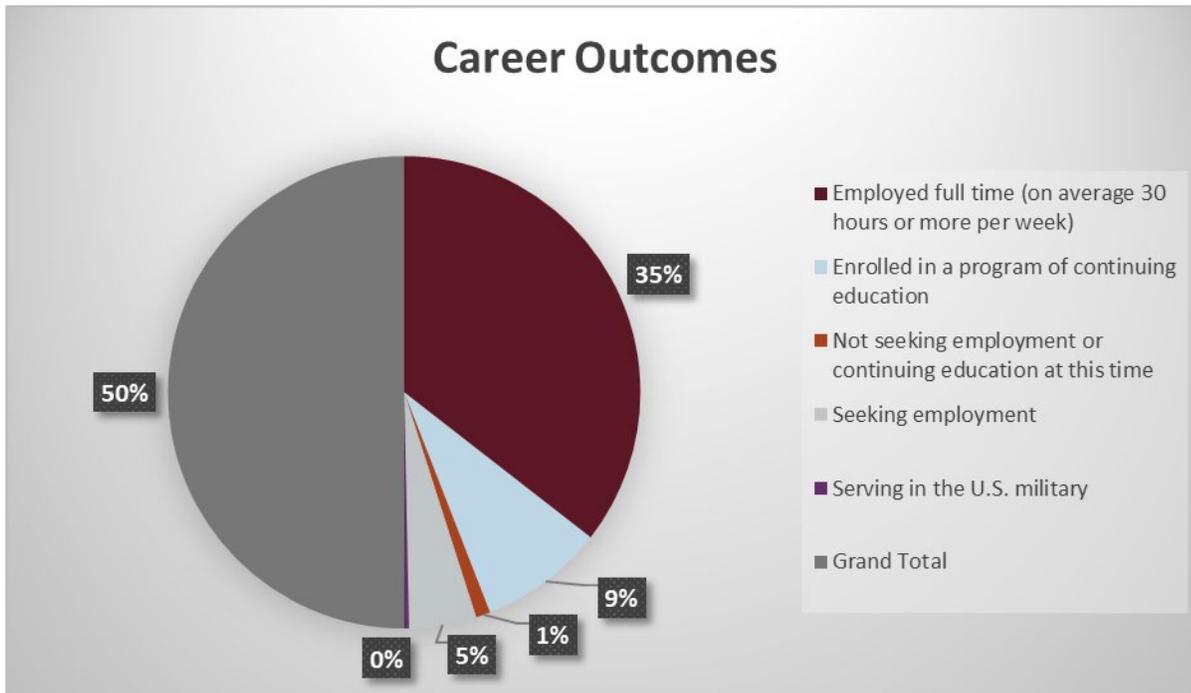
The knowledge rate (percentage of graduates for which reliable outcome data has been collected) for graduate level Bagley College of Engineering graduates is 69%, and of the 69% of graduates for which data is available, 91% reported a successful career outcome (employed, continuing education, participating in a volunteer or service program, or serving in the military) within 6 months of graduation. All percentages are rounded.



Successful Outcome Rates

Major	Degrees	Surveys	Knowledge Rate	Successful Career Outcome*
Aerospace Engineering	13	9	69%	89%
Biological Engineering	2	1	50%	100%
Biomedical Engineering	5	4	80%	100%
Chemical Engineering	3	1	33%	100%
Civil Engineering	18	14	78%	93%
Computational Engineering	3	2	67%	100%
Computer Science	27	20	74%	80%
Cyber Security & Operations	6	5	83%	100%
Electrical & Computer Eng	34	25	74%	100%
Engineering	34	21	62%	100%
Industrial and Systems Eng	27	19	70%	100%
Mechanical Engineering	47	31	66%	74%
Total	219	152	69%	91%
All MSU – Graduate Level	1506	1141	76%	96%

*Successful Career Outcome = Employed + Enrolled + Volunteering + Military / Total – Not seeking or continuing education.



Outcomes

Status	Count	Percent
Employed full time (on average 30 hours or more per week)	108	71%
Enrolled in a program of continuing education	26	17%
Not seeking employment or continuing education at this time	3	2%
Seeking employment	14	9%
Serving in the U.S. military	1	<1%
Total	152	100%

Outcomes by Major

Majors with at least 5 surveys and 65% knowledge rate

Aerospace Engineering

Status	Count	Percent
Employed full time (on average 30 hours or more per week)	5	56%
Enrolled in a program of continuing education	2	22%
Seeking employment	1	11%
Serving in the U.S. military	1	11%
Total	9	100%

Civil Engineering

Status	Count	Percent
Employed full time (on average 30 hours or more per week)	11	79%
Enrolled in a program of continuing education	2	14%

Seeking employment	1	7%
Total	14	100%

Computer Science

Status	Count	Percent
Employed full time (on average 30 hours or more per week)	10	50%
Enrolled in a program of continuing education	6	30%
Seeking employment	4	20%
Total	20	100%

Cyber Security & Operations

Status	Count	Percent
Employed full time (on average 30 hours or more per week)	4	80%
Not seeking employment or continuing education at this time	1	20%
Total	5	100%

Electrical & Computer Engineering

Status	Count	Percent
Employed full time (on average 30 hours or more per week)	18	72%
Enrolled in a program of continuing education	6	24%
Not seeking employment or continuing education at this time	1	4%
Total	25	100%

Industrial & Systems Engineering

Status	Count	Percent
Employed full time (on average 30 hours or more per week)	14	74%
Enrolled in a program of continuing education	5	26%
Total	23	100%

Mechanical Engineering

Status	Count	Percent
Employed full time (on average 30 hours or more per week)	21	68%
Enrolled in a program of continuing education	2	6%
Seeking employment	8	26%
Total	31	100%

Salary Data

The compensation data below is not complete as only 21% of graduates who reported employment shared their salaries. Data is only reported for majors with 4 or more salaries/bonuses reported. Only four bonuses were reported across all majors, but no major received 4 data points, so that data has been omitted.

Major	Average	Min	Max	Salary Count
Aerospace Engineering	-	-	-	-
Biomedical Engineering	-	-	-	2
Civil Engineering	-	-	-	3
Computational Engineering	-	-	-	1
Computer Science	-	-	-	2
Cyber Security & Operations	-	-	-	1
Electrical & Computer Eng	\$91,573.75	\$78,795.00	\$110,000.00	4
Engineering	\$110,500.00	\$80,000.00	\$172,000.00	4
Industrial and Systems Eng	-	-	-	2
Mechanical Engineering	-	-	-	3
All	\$89,041.82	\$75,157.78 avg	\$103,069.44 avg	22

Averages only calculated when 4 or more data points are present

Employment-Degree Alignment

If a respondent selected employed as their status, they were asked if their employment aligned with their degree awarded from MSU. Of the 99% of respondents who answered, 93% agreed that their degree aligned with their employment.

Employment Locations by States

Of the BCOE graduates who reported being employed, 94% included the state they are employed in. Mississippi was the most popular place of employment, and 73% of the graduates are employed in southeastern states (2024 SEC member institutions).

State	Count	Percent
MS	41	40%
TX	10	10%
AL	8	8%
TN	4	4%
VA	4	4%
GA	4	4%
CA	3	3%
WA	3	3%
KY	3	3%
NJ	2	2%
IL	2	2%
NY	2	2%
DC	2	2%
NC	2	2%
MN	1	1%
WI	1	1%
AK	1	1%
LA	1	1%
SC	1	1%
MD	1	1%
MO	1	1%
OH	1	1%
AR	1	1%
OR	1	1%
NE	1	1%
PA	1	1%
All	102	100%

*Percent of graduates who reported full- or part- time employment and location
25 states, Washington D.C., 1 foreign country*

Top Employing Organizations by Number of Graduates Hired

Organization	Count
Mississippi State University	14
Solero Technologies	2
Raytheon Technologies	2
C-Spire	2
Engineering Research and Development Center	2
U.S. Army Engineer Research and Development Center	2
Stryker	1
Oak Ridge National Laboratory	1
Merrick Machine Company	1
BAE Systems	1
Salas O'Brien	1
Boeing Company	1
Verity Integrated Systems	1
Camgian Microsystems	1
New Way Trucks	1
Cantel, A STERIS Company	1
Total	108

90 unique organizations

Institutions where Graduates are Continuing Education

Similar to places of employment, the majority of graduates who are pursuing further education are doing so in Mississippi, with 65% attending a university in the state.

Institution	Count	Percent
Mississippi State University	17	65%
University of Michigan	1	4%
Michigan State University	1	4%
Tufts University	1	4%
University of Alaska Fairbanks	1	4%
University of California	1	4%
University of Georgia	1	4%
New Jersey Institute of Technology	1	4%
Indiana University	1	4%
North Carolina State University	1	4%
All	26	100%

Percent of graduates enrolled in a program of continuing education and provided institution name

10 unique institutions

Career Center Interactions – All Levels

Student interactions with Career Center events and services are tracked through the Connections career services manager system. These interactions include co-op and internship participation, attendance at Career Center events, counseling appointments with career advisors, and drop-in appointments.

Event Attendance

Event	Student Count
2023 Adkerson School of Accountancy Career Fair (Sept. 6)	1
2023 Fall Building Construction Science Career Fair (Sept. 7)	16
2023 Fall Career Expo (Sept. 19, 20, & 21)	1425 (437 interviews)
2023 Fall Co-op & Internship Interview Days (Oct. 4 & 5)	142 (347 interviews)
2023 Fall Engineering on the Coast Career Fair (Sept. 12)	45
2023 Grad./Prof. School Info. & Major Exploration Day (Oct. 24)	10
2023 Part-Time Jobs Fair (Aug. 18)	172
2024 Spring BAW Career Mixer (Feb. 15)	12
2024 Spring Building Construction Science Career Fair (March 21)	7
2024 Spring Career Expo (Feb. 6, 7, & 8)	829 (196 interviews)
2024 Spring Education Career Fair (March 5)	1
2024 Spring Co-op & Internship Interview Days (Feb 20th & 21st)	129 (286 interviews)
Unique Students	1969

BCOE Student Career Center Appointments (scheduled and drop-ins)

Academic Year	Appointments	Student Count
2023-2024	975	705

Co-op and Internship Participation

Major	Intern	Co-op	Total Unique
Aerospace Engineering	4	25	24
Biomedical Engineering	3	5	6
Biosystems Engineering	1	-	1
Chemical Engineering	9	115	83
Civil Engineering	16	26	37
Computer Engineering	3	17	14
Computer Science	6	34	32
Cyber Security & Operations	-	3	2
Electrical & Computer Eng	4	1	5
Electrical Engineering	9	91	80
Engineering	2	2	4
Industrial and Systems Eng	3	9	11
Industrial Engineering	10	34	32
Mechanical Engineering	33	203	193
Software Engineering	2	12	11
Total	105	577	535

Reported Co-op Compensation by Major

Major	Student Count	Avg Hourly Pay*
Aerospace Engineering	22	\$19.85
Biomedical Engineering	6	\$21.67
Biosystems Engineering	1	-
Chemical Engineering	96	\$23.37
Civil Engineering	35	\$20.26
Computer Engineering	19	\$25.20
Computer Science	23	\$19.47
Cyber Security & Operations	3	-
Electrical & Computer Eng	3	-
Electrical Engineering	72	\$24.53
Engineering	3	-
Industrial and Systems Eng	5	\$26.33
Industrial Engineering	28	\$21.55
Mechanical Engineering	165	\$124.30
Software Engineering	11	\$20.55

*Averages only calculated when 4 or more data points are present

Participation by Semester

Term	Internship	Co-op	Total
Summer 23	57	206	263
Fall 23	23	176	199
Spring 24	25	195	220

First Destination Survey Data Collection

The First Destination Survey is made available to all MSU graduates upon graduation, and the data is collected from graduates for a period of six months. In order to collect as complete a data set as possible, emails are sent out to all students who have applied for graduation to raise awareness of the survey, and Career Center staff reach out to students who have not yet taken to survey to try to collect data by phone and text.

If graduates respond that they are “planning to continue education but not yet enrolled” or “seeking employment,” they remain on the call lists so updated information can be gathered. After three months has passed since graduation, these responses count toward the knowledge rate.

The survey is deployed through the Connections career services management system, and students can complete the survey when logged into their Connections account. In addition to students taking the survey themselves, Career Center Ambassadors make phone calls and send texts to graduates who have not taken the survey. Survey responses are checked each week and updated call lists are created so only students who have not yet responded to the survey are contacted in the future. Ambassadors also search websites such as LinkedIn and Facebook to determine employment and graduate school statuses of graduates.

First Destination Survey Questions

The Career Center deploys the First Destination Survey to all MSU graduates to get an understanding of what their plans are after graduation (e.g., full-time employment, graduate studies, seeking employment). The survey questions are listed below. Sections 2-5 are tied to the response on question 8, so participants only complete 3 of the 6 sections in total. Responses are required for questions with asterisks.

Section 1

1. Email*
2. First Name
3. Last Name
4. Current Major
5. Graduation Date (month/year)*
6. Permanent Email*
7. Phone*
8. Which of the following best describes your primary status after graduation?*
9. Have you started looking for a job?*
10. Which methods are you using to seek employment?
11. Please select the category which best describes your employment.
12. If not seeking employment, what are your plans?
13. Faculty or Staff member highlight who contributed to career success.

Section 2 (If employed)

14. Employing organization*
15. City of employing organization
16. State or Country (if outside U.S.) of employing organization*
17. Job title*
18. If employed full-time, annual base salary amount in U.S. dollars
19. Are you receiving a signing bonus?
20. Signing bonus in U.S. dollars
21. How did you find your job?
22. In which month did you accept the offer?
23. In which year did you accept the offer?
24. Does your employment align with the degree you completed at MSU?*

Section 3 (If participating in a volunteer program)

- 25. Organization*
- 26. Role or title
- 27. City of volunteer assignment
- 28. State or Country (if outside U.S.) of volunteer assignment*

Section 4 (If serving in the U.S. military)

- 29. Service Branch*
- 30. Rank*
- 31. 29. City of assignment
- 32. State or Country (if outside U.S.) of volunteer assignment*

Section 5 (If continuing education)

- 33. Name of Institution*
- 34. City of Institution
- 35. State or Country (if outside U.S.) of volunteer assignment*
- 36. Degree*
- 37. Major*

Section 6 (Experiential Learning)

- 38. Did you gain relevant work experience during your degree program?*
- 39. Which type of work experience(s) did you complete?
- 40. If applicable, with which company?
- 41. Did you receive a full-time offer from this employer?
- 42. Did you accept a full-time offer from this employer?