

2018 UMass Amherst Graduating Senior Survey

College of Engineering

Graduates (Calendar Year 2018): 480

Survey Respondents: 286

Response Rate: 59.6%

SATISFACTION WITH UMASS AMHERST AND YOUR MAJOR

	(N)	Very Satisfied (4)	Somewhat Satisfied (3)	Somewhat Dissatisfied (2)	Very Dissatisfied (1)	Item Mean
Overall experience						
How satisfied are you with your UMass Amherst experience OVERALL?	284	59.5%	35.9%	3.5%	1.1%	3.5
Rate your satisfaction with each of the following aspects of your major:	(N)	Very Satisfied (4)	Somewhat Satisfied (3)	Somewhat Dissatisfied (2)	Very Dissatisfied (1)	Item Mean
The accessibility of faculty.	282	58.9%	33.0%	7.8%	0.4%	3.5
The quality of teaching.	282	33.0%	48.9%	15.6%	2.5%	3.1
Academic advising.	281	44.8%	37.0%	14.6%	3.6%	3.2
Access to classes.	281	57.7%	33.1%	7.5%	1.8%	3.5
Faculty concern for your academic progress.	280	43.6%	41.1%	13.2%	2.1%	3.3
Writing preparation.	282	40.8%	48.6%	9.9%	0.7%	3.3
Connections to the rest of your academics.	279	36.9%	51.6%	9.7%	1.8%	3.2
Career preparation and guidance.	282	44.3%	37.9%	15.6%	2.1%	3.2
Your overall experience.	282	51.1%	43.3%	5.7%	0.0%	3.5

EDUCATIONAL EXPERIENCES

Indicate whether or not you participated in each of the following while enrolled at UMass Amherst:

	(N)	Yes	No
Study abroad.	279	9.7%	90.3%
Community service or volunteer work.	281	42.7%	57.3%
Practicum, internship, field or coop experience, clinical assignment.	282	80.1%	19.9%
Research with faculty outside of course/program requirements.	282	43.3%	56.7%
Culminating senior experience.	284	85.9%	14.1%

LEARNING OUTCOMES

To what extent did your experience at UMass

Amherst contribute to your knowledge, skills,

and personal development in the following areas:

	(N)	Very Much (4)	Quite a Bit (3)	Some (2)	Very Little (1)	Item Mean
Knowledge specific to your major.	267	72.7%	22.8%	4.5%	0.0%	3.7
Writing clearly and effectively.	267	30.0%	41.2%	26.2%	2.6%	3.0
Speaking clearly and effectively.	265	35.5%	37.4%	22.6%	4.5%	3.0
Thinking critically and analytically.	267	67.8%	27.3%	4.5%	0.4%	3.6
Solving complex problems.	267	74.2%	22.1%	3.7%	0.0%	3.7
Being an engaged member of society.	265	27.9%	32.1%	31.3%	8.7%	2.8
Analyzing numerical and statistical information.	267	73.8%	22.8%	3.4%	0.0%	3.7
Working effectively with others.	267	58.8%	31.1%	9.0%	1.1%	3.5
Ethical decision making.	267	42.3%	29.2%	18.7%	9.7%	3.0
Relating to people different from you.	266	42.5%	30.5%	19.2%	7.9%	3.1
Understanding your own strengths/weaknesses.	266	52.6%	33.1%	13.5%	0.8%	3.4
Learning effectively on your own.	265	66.0%	24.5%	7.2%	2.3%	3.5

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College of Engineering

Graduates (Calendar Year 2018): 480

Survey Respondents: 286

Response Rate: 59.6%

POST-GRADUATION: EMPLOYMENT STATUS**

Employment status	(N)	Accepted a full-time, paid job	Accepted a part-time, paid job	Seeking a full-time, paid job	Seeking a part-time, paid job	Will NOT be seeking paid employment	Other
Which of the following best describe(s) your employment status post-graduation?	259	44.4%	3.1%	35.9%	1.2%	8.9%	6.6%
Annual salary	(N)	Less than \$30,000	\$30,000 to \$39,000	\$40,000 to \$49,000	\$50,000 to \$59,000	\$60,000 to \$69,000	\$70,000 or more
If you have accepted a paid job, what is your approximate annual salary?	92	2.2%	2.2%	2.2%	18.5%	44.6%	30.4%
Location	(N)	Massachusetts	CT, RI, VT, ME, or NH	NY or NJ	Other U.S. location	Outside the U.S.	
If you have accepted a paid job, what is the location of your job?	113	59.3%	20.4%	7.1%	13.3%	0.0%	

POST-GRADUATION: PLANS FOR GRADUATE SCHOOL**

Plans for graduate school	(N)	Will be enrolled next year full-time	Will be enrolled next year part-time	Plan to enroll in the next 2 years	No immediate plans to enroll		
Which best describes your plans for graduate school post-graduation?	238	20.2%	0.4%	24.8%	54.6%		
Graduate degree	(N)	MBA	Other Masters degree	Law degree	Medical or Veterinary degree	PhD or EdD	Other Doctoral degree
If you will attend graduate school this fall, what graduate degree will you be seeking?	48	0.0%	54.2%	0.0%	0.0%	45.8%	0.0%

**The 2018 survey was administered to seniors attending the Undergraduate Commencement Fair on May 1st and to seniors picking up their caps and gowns in the Campus Center from May 7-10. A small number of seniors completed the survey online from July 26th - August 22nd.

2018 UMass Amherst Graduating Senior Survey Departmental Results

Chemical Engineering

Graduates (Calendar Year 2018): 92

Survey Respondents: 63

Response Rate: 68.5%

SATISFACTION WITH UMASS AMHERST AND YOUR MAJOR

	(N)	Very Satisfied (4)	Somewhat Satisfied (3)	Somewhat Dissatisfied (2)	Very Dissatisfied (1)	Item Mean
Overall experience						
How satisfied are you with your UMass Amherst experience OVERALL?	63	38.1%	52.4%	9.5%	0.0%	3.3
Rate your satisfaction with each of the following aspects of your major:	(N)	Very Satisfied (4)	Somewhat Satisfied (3)	Somewhat Dissatisfied (2)	Very Dissatisfied (1)	Item Mean
The accessibility of faculty.	61	36.1%	42.6%	19.7%	1.6%	3.1
The quality of teaching.	61	13.1%	50.8%	26.2%	9.8%	2.7
Academic advising.	60	46.7%	41.7%	8.3%	3.3%	3.3
Access to classes.	60	53.3%	35.0%	10.0%	1.7%	3.4
Faculty concern for your academic progress.	60	26.7%	48.3%	21.7%	3.3%	3.0
Writing preparation.	61	36.1%	55.7%	8.2%	0.0%	3.3
Connections to the rest of your academics.	60	23.3%	58.3%	13.3%	5.0%	3.0
Career preparation and guidance.	61	19.7%	41.0%	36.1%	3.3%	2.8
Your overall experience.	61	26.2%	59.0%	14.8%	0.0%	3.1

EDUCATIONAL EXPERIENCES

Indicate whether or not you participated in each of the following while enrolled at UMass Amherst:

	(N)	Yes	No
Study abroad.	62	8.1%	91.9%
Community service or volunteer work.	62	41.9%	58.1%
Practicum, internship, field or coop experience, clinical assignment.	61	72.1%	27.9%
Research with faculty outside of course/program requirements.	63	69.8%	30.2%
Culminating senior experience.	63	81.0%	19.0%

LEARNING OUTCOMES

To what extent did your experience at UMass

Amherst contribute to your knowledge, skills,

and personal development in the following areas:

	(N)	Very Much (4)	Quite a Bit (3)	Some (2)	Very Little (1)	Item Mean
Knowledge specific to your major.	60	55.0%	36.7%	8.3%	0.0%	3.5
Writing clearly and effectively.	60	26.7%	45.0%	28.3%	0.0%	3.0
Speaking clearly and effectively.	59	33.9%	37.3%	25.4%	3.4%	3.0
Thinking critically and analytically.	60	51.7%	43.3%	3.3%	1.7%	3.5
Solving complex problems.	60	68.3%	21.7%	10.0%	0.0%	3.6
Being an engaged member of society.	60	18.3%	28.3%	36.7%	16.7%	2.5
Analyzing numerical and statistical information.	60	70.0%	26.7%	3.3%	0.0%	3.7
Working effectively with others.	60	40.0%	41.7%	16.7%	1.7%	3.2
Ethical decision making.	60	26.7%	33.3%	26.7%	13.3%	2.7
Relating to people different from you.	60	26.7%	30.0%	33.3%	10.0%	2.7
Understanding your own strengths/weaknesses.	60	41.7%	35.0%	20.0%	3.3%	3.2
Learning effectively on your own.	60	63.3%	25.0%	8.3%	3.3%	3.5

2018 UMass Amherst Graduating Senior Survey Departmental Results

Chemical Engineering

Graduates (Calendar Year 2018): 92

Survey Respondents: 63

Response Rate: 68.5%

POST-GRADUATION: EMPLOYMENT STATUS**

Employment status	(N)	Accepted a full-time, paid job	Accepted a part-time, paid job	Seeking a full-time, paid job	Seeking a part-time, paid job	Will NOT be seeking paid employment	Other
Which of the following best describe(s) your employment status post-graduation?	58	31.0%	0.0%	46.6%	1.7%	12.1%	8.6%
Annual salary	(N)	Less than \$30,000	\$30,000 to \$39,000	\$40,000 to \$49,000	\$50,000 to \$59,000	\$60,000 to \$69,000	\$70,000 or more
If you have accepted a paid job, what is your approximate annual salary?	12	0.0%	0.0%	8.3%	8.3%	50.0%	33.3%
Location	(N)	Massachusetts	CT, RI, VT, ME, or NH	NY or NJ	Other U.S. location	Outside the U.S.	
If you have accepted a paid job, what is the location of your job?	15	53.3%	20.0%	13.3%	13.3%	0.0%	

POST-GRADUATION: PLANS FOR GRADUATE SCHOOL**

Plans for graduate school	(N)	Will be enrolled next year full-time	Will be enrolled next year part-time	Plan to enroll in the next 2 years	No immediate plans to enroll		
Which best describes your plans for graduate school post-graduation?	50	30.0%	0.0%	18.0%	52.0%		
Graduate degree	(N)	MBA	Other Masters degree	Law degree	Medical or Veterinary degree	PhD or EdD	Other Doctoral degree
If you will attend graduate school this fall, what graduate degree will you be seeking?	14	0.0%	7.1%	0.0%	0.0%	92.9%	0.0%

**The 2018 survey was administered to seniors attending the Undergraduate Commencement Fair on May 1st and to seniors picking up their caps and gowns in the Campus Center from May 7-10. A small number of seniors completed the survey online from July 26th - August 22nd.

2018 UMass Amherst Graduating Senior Survey Departmental Results

Civil and Environmental Engineering

Graduates (Calendar Year 2018): 98

Survey Respondents: 60

Response Rate: 61.2%

SATISFACTION WITH UMASS AMHERST AND YOUR MAJOR

	(N)	Very Satisfied (4)	Somewhat Satisfied (3)	Somewhat Dissatisfied (2)	Very Dissatisfied (1)	Item Mean
Overall experience						
How satisfied are you with your UMass Amherst experience OVERALL?	60	73.3%	26.7%	0.0%	0.0%	3.7
Rate your satisfaction with each of the following aspects of your major:	(N)	Very Satisfied (4)	Somewhat Satisfied (3)	Somewhat Dissatisfied (2)	Very Dissatisfied (1)	Item Mean
The accessibility of faculty.	60	75.0%	23.3%	1.7%	0.0%	3.7
The quality of teaching.	60	56.7%	40.0%	3.3%	0.0%	3.5
Academic advising.	60	46.7%	40.0%	11.7%	1.7%	3.3
Access to classes.	60	73.3%	25.0%	1.7%	0.0%	3.7
Faculty concern for your academic progress.	60	50.0%	41.7%	6.7%	1.7%	3.4
Writing preparation.	60	43.3%	46.7%	8.3%	1.7%	3.3
Connections to the rest of your academics.	59	54.2%	42.4%	3.4%	0.0%	3.5
Career preparation and guidance.	60	60.0%	31.7%	6.7%	1.7%	3.5
Your overall experience.	60	68.3%	31.7%	0.0%	0.0%	3.7

EDUCATIONAL EXPERIENCES

Indicate whether or not you participated in each of the following while enrolled at UMass Amherst:

	(N)	Yes	No
Study abroad.	60	13.3%	86.7%
Community service or volunteer work.	60	53.3%	46.7%
Practicum, internship, field or coop experience, clinical assignment.	60	83.3%	16.7%
Research with faculty outside of course/program requirements.	60	35.0%	65.0%
Culminating senior experience.	60	58.3%	41.7%

LEARNING OUTCOMES

To what extent did your experience at UMass Amherst contribute to your knowledge, skills, and personal development in the following areas:

	(N)	Very Much (4)	Quite a Bit (3)	Some (2)	Very Little (1)	Item Mean
Knowledge specific to your major.	55	81.8%	18.2%	0.0%	0.0%	3.8
Writing clearly and effectively.	55	47.3%	38.2%	14.5%	0.0%	3.3
Speaking clearly and effectively.	55	40.0%	40.0%	18.2%	1.8%	3.2
Thinking critically and analytically.	55	78.2%	16.4%	5.5%	0.0%	3.7
Solving complex problems.	55	78.2%	20.0%	1.8%	0.0%	3.8
Being an engaged member of society.	54	42.6%	38.9%	18.5%	0.0%	3.2
Analyzing numerical and statistical information.	55	80.0%	18.2%	1.8%	0.0%	3.8
Working effectively with others.	55	76.4%	20.0%	1.8%	1.8%	3.7
Ethical decision making.	55	67.3%	29.1%	3.6%	0.0%	3.6
Relating to people different from you.	54	59.3%	35.2%	5.6%	0.0%	3.5
Understanding your own strengths/weaknesses.	54	66.7%	29.6%	3.7%	0.0%	3.6
Learning effectively on your own.	54	75.9%	18.5%	3.7%	1.9%	3.7

2018 UMass Amherst Graduating Senior Survey Departmental Results

Civil and Environmental Engineering

Graduates (Calendar Year 2018): 98

Survey Respondents: 60

Response Rate: 61.2%

POST-GRADUATION: EMPLOYMENT STATUS**

Employment status	(N)	Accepted a full-time, paid job	Accepted a part-time, paid job	Seeking a full-time, paid job	Seeking a part-time, paid job	Will NOT be seeking paid employment	Other
Which of the following best describe(s) your employment status post-graduation?	53	66.0%	1.9%	15.1%	0.0%	11.3%	5.7%
Annual salary	(N)	Less than \$30,000	\$30,000 to \$39,000	\$40,000 to \$49,000	\$50,000 to \$59,000	\$60,000 to \$69,000	\$70,000 or more
If you have accepted a paid job, what is your approximate annual salary?	28	3.6%	3.6%	0.0%	46.4%	35.7%	10.7%
Location	(N)	Massachusetts	CT, RI, VT, ME, or NH	NY or NJ	Other U.S. location	Outside the U.S.	
If you have accepted a paid job, what is the location of your job?	32	75.0%	9.4%	12.5%	3.1%	0.0%	

POST-GRADUATION: PLANS FOR GRADUATE SCHOOL**

Plans for graduate school	(N)	Will be enrolled next year full-time	Will be enrolled next year part-time	Plan to enroll in the next 2 years	No immediate plans to enroll		
Which best describes your plans for graduate school post-graduation?	48	20.8%	2.1%	25.0%	52.1%		
Graduate degree	(N)	MBA	Other Masters degree	Law degree	Medical or Veterinary degree	PhD or EdD	Other Doctoral degree
If you will attend graduate school this fall, what graduate degree will you be seeking?	11	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%

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2018 UMass Amherst Graduating Senior Survey Departmental Results

Electrical and Computer Engineering

Graduates (Calendar Year 2018): 100

Survey Respondents: 53

Response Rate: 53.0%

SATISFACTION WITH UMASS AMHERST AND YOUR MAJOR

	(N)	Very Satisfied (4)	Somewhat Satisfied (3)	Somewhat Dissatisfied (2)	Very Dissatisfied (1)	Item Mean
Overall experience						
How satisfied are you with your UMass Amherst experience OVERALL?	53	60.4%	32.1%	7.5%	0.0%	3.5
Rate your satisfaction with each of the following aspects of your major:	(N)	Very Satisfied (4)	Somewhat Satisfied (3)	Somewhat Dissatisfied (2)	Very Dissatisfied (1)	Item Mean
The accessibility of faculty.	51	72.5%	25.5%	2.0%	0.0%	3.7
The quality of teaching.	51	39.2%	47.1%	13.7%	0.0%	3.3
Academic advising.	51	56.9%	25.5%	15.7%	2.0%	3.4
Access to classes.	51	56.9%	31.4%	9.8%	2.0%	3.4
Faculty concern for your academic progress.	50	60.0%	28.0%	10.0%	2.0%	3.5
Writing preparation.	51	47.1%	43.1%	9.8%	0.0%	3.4
Connections to the rest of your academics.	51	43.1%	45.1%	11.8%	0.0%	3.3
Career preparation and guidance.	51	49.0%	41.2%	7.8%	2.0%	3.4
Your overall experience.	51	60.8%	37.3%	2.0%	0.0%	3.6

EDUCATIONAL EXPERIENCES

Indicate whether or not you participated in each of the following while enrolled at UMass Amherst:

	(N)	Yes	No
Study abroad.	49	6.1%	93.9%
Community service or volunteer work.	51	41.2%	58.8%
Practicum, internship, field or coop experience, clinical assignment.	52	76.9%	23.1%
Research with faculty outside of course/program requirements.	51	41.2%	58.8%
Culminating senior experience.	52	94.2%	5.8%

LEARNING OUTCOMES

To what extent did your experience at UMass

Amherst contribute to your knowledge, skills,

and personal development in the following areas:

	(N)	Very Much (4)	Quite a Bit (3)	Some (2)	Very Little (1)	Item Mean
Knowledge specific to your major.	49	77.6%	22.4%	0.0%	0.0%	3.8
Writing clearly and effectively.	49	24.5%	28.6%	40.8%	6.1%	2.7
Speaking clearly and effectively.	49	32.7%	34.7%	24.5%	8.2%	2.9
Thinking critically and analytically.	49	67.3%	26.5%	6.1%	0.0%	3.6
Solving complex problems.	49	73.5%	26.5%	0.0%	0.0%	3.7
Being an engaged member of society.	49	24.5%	38.8%	22.4%	14.3%	2.7
Analyzing numerical and statistical information.	49	81.6%	16.3%	2.0%	0.0%	3.8
Working effectively with others.	49	55.1%	32.7%	12.2%	0.0%	3.4
Ethical decision making.	49	36.7%	28.6%	18.4%	16.3%	2.9
Relating to people different from you.	49	44.9%	28.6%	14.3%	12.2%	3.1
Understanding your own strengths/weaknesses.	49	55.1%	34.7%	10.2%	0.0%	3.4
Learning effectively on your own.	48	68.8%	22.9%	8.3%	0.0%	3.6

2018 UMass Amherst Graduating Senior Survey Departmental Results

Electrical and Computer Engineering

Graduates (Calendar Year 2018): 100

Survey Respondents: 53

Response Rate: 53.0%

POST-GRADUATION: EMPLOYMENT STATUS**

Employment status	(N)	Accepted a full-time, paid job	Accepted a part-time, paid job	Seeking a full-time, paid job	Seeking a part-time, paid job	Will NOT be seeking paid employment	Other
Which of the following best describe(s) your employment status post-graduation?	49	46.9%	2.0%	28.6%	0.0%	10.2%	12.2%
Annual salary	(N)	Less than \$30,000	\$30,000 to \$39,000	\$40,000 to \$49,000	\$50,000 to \$59,000	\$60,000 to \$69,000	\$70,000 or more
If you have accepted a paid job, what is your approximate annual salary?	18	0.0%	0.0%	0.0%	0.0%	38.9%	61.1%
Location	(N)	Massachusetts	CT, RI, VT, ME, or NH	NY or NJ	Other U.S. location	Outside the U.S.	
If you have accepted a paid job, what is the location of your job?	23	73.9%	8.7%	4.3%	13.0%	0.0%	

POST-GRADUATION: PLANS FOR GRADUATE SCHOOL**

Plans for graduate school	(N)	Will be enrolled next year full-time	Will be enrolled next year part-time	Plan to enroll in the next 2 years	No immediate plans to enroll		
Which best describes your plans for graduate school post-graduation?	47	21.3%	0.0%	29.8%	48.9%		
Graduate degree	(N)	MBA	Other Masters degree	Law degree	Medical or Veterinary degree	PhD or EdD	Other Doctoral degree
If you will attend graduate school this fall, what graduate degree will you be seeking?	10	0.0%	60.0%	0.0%	0.0%	40.0%	0.0%

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2018 UMass Amherst Graduating Senior Survey Program Level Results

Computer Systems Engineering

Graduates (Calendar Year 2018): 46

Survey Respondents: 21

Response Rate: 45.7%

SATISFACTION WITH UMASS AMHERST AND YOUR MAJOR

	(N)	Very Satisfied (4)	Somewhat Satisfied (3)	Somewhat Dissatisfied (2)	Very Dissatisfied (1)	Item Mean
Overall experience						
How satisfied are you with your UMass Amherst experience OVERALL?	21	61.9%	33.3%	4.8%	0.0%	3.6
Rate your satisfaction with each of the following aspects of your major:	(N)	Very Satisfied (4)	Somewhat Satisfied (3)	Somewhat Dissatisfied (2)	Very Dissatisfied (1)	Item Mean
The accessibility of faculty.	20	70.0%	30.0%	0.0%	0.0%	3.7
The quality of teaching.	20	40.0%	45.0%	15.0%	0.0%	3.3
Academic advising.	20	55.0%	25.0%	15.0%	5.0%	3.3
Access to classes.	20	40.0%	40.0%	15.0%	5.0%	3.2
Faculty concern for your academic progress.	19	47.4%	31.6%	15.8%	5.3%	3.2
Writing preparation.	20	45.0%	45.0%	10.0%	0.0%	3.4
Connections to the rest of your academics.	20	30.0%	65.0%	5.0%	0.0%	3.3
Career preparation and guidance.	20	40.0%	50.0%	5.0%	5.0%	3.3
Your overall experience.	20	70.0%	30.0%	0.0%	0.0%	3.7

EDUCATIONAL EXPERIENCES

Indicate whether or not you participated in each of the following while enrolled at UMass Amherst:

	(N)	Yes	No
Study abroad.	19	0.0%	100.0%
Community service or volunteer work.	20	45.0%	55.0%
Practicum, internship, field or coop experience, clinical assignment.	21	76.2%	23.8%
Research with faculty outside of course/program requirements.	20	40.0%	60.0%
Culminating senior experience.	21	100.0%	0.0%

LEARNING OUTCOMES

To what extent did your experience at UMass

Amherst contribute to your knowledge, skills, and personal development in the following areas:

	(N)	Very Much (4)	Quite a Bit (3)	Some (2)	Very Little (1)	Item Mean
Knowledge specific to your major.	20	65.0%	35.0%	0.0%	0.0%	3.7
Writing clearly and effectively.	20	10.0%	25.0%	55.0%	10.0%	2.4
Speaking clearly and effectively.	20	20.0%	40.0%	30.0%	10.0%	2.7
Thinking critically and analytically.	20	60.0%	30.0%	10.0%	0.0%	3.5
Solving complex problems.	20	70.0%	30.0%	0.0%	0.0%	3.7
Being an engaged member of society.	20	15.0%	50.0%	25.0%	10.0%	2.7
Analyzing numerical and statistical information.	20	75.0%	20.0%	5.0%	0.0%	3.7
Working effectively with others.	20	45.0%	40.0%	15.0%	0.0%	3.3
Ethical decision making.	20	40.0%	25.0%	20.0%	15.0%	2.9
Relating to people different from you.	20	40.0%	35.0%	5.0%	20.0%	3.0
Understanding your own strengths/weaknesses.	20	60.0%	25.0%	15.0%	0.0%	3.5
Learning effectively on your own.	19	68.4%	21.1%	10.5%	0.0%	3.6

2018 UMass Amherst Graduating Senior Survey Program Level Results

Computer Systems Engineering

Graduates (Calendar Year 2018): 46

Survey Respondents: 21

Response Rate: 45.7%

POST-GRADUATION: EMPLOYMENT STATUS**

Employment status	(N)	Accepted a full-time, paid job	Accepted a part-time, paid job	Seeking a full-time, paid job	Seeking a part-time, paid job	Will NOT be seeking paid employment	Other
Which of the following best describe(s) your employment status post-graduation?	20	45.0%	0.0%	30.0%	0.0%	15.0%	10.0%
Annual salary	(N)	Less than \$30,000	\$30,000 to \$39,000	\$40,000 to \$49,000	\$50,000 to \$59,000	\$60,000 to \$69,000	\$70,000 or more
If you have accepted a paid job, what is your approximate annual salary?	7	0.0%	0.0%	0.0%	0.0%	42.9%	57.1%
Location	(N)	Massachusetts	CT, RI, VT, ME, or NH	NY or NJ	Other U.S. location	Outside the U.S.	
If you have accepted a paid job, what is the location of your job?	9	77.8%	0.0%	0.0%	22.2%	0.0%	

POST-GRADUATION: PLANS FOR GRADUATE SCHOOL**

Plans for graduate school	(N)	Will be enrolled next year full-time	Will be enrolled next year part-time	Plan to enroll in the next 2 years	No immediate plans to enroll		
Which best describes your plans for graduate school post-graduation?	20	20.0%	0.0%	35.0%	45.0%		
Graduate degree	(N)	MBA	Other Masters degree	Law degree	Medical or Veterinary degree	PhD or EdD	Other Doctoral degree
If you will attend graduate school this fall, what graduate degree will you be seeking?	4	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%

**The 2018 survey was administered to seniors attending the Undergraduate Commencement Fair on May 1st and to seniors picking up their caps and gowns in the Campus Center from May 7-10. A small number of seniors completed the survey online from July 26th - August 22nd.

2018 UMass Amherst Graduating Senior Survey Program Level Results

Electrical Engineering

Graduates (Calendar Year 2018): 54

Survey Respondents: 32

Response Rate: 59.3%

SATISFACTION WITH UMASS AMHERST AND YOUR MAJOR

	(N)	Very Satisfied (4)	Somewhat Satisfied (3)	Somewhat Dissatisfied (2)	Very Dissatisfied (1)	Item Mean
Overall experience						
How satisfied are you with your UMass Amherst experience OVERALL?	32	59.4%	31.3%	9.4%	0.0%	3.5
Rate your satisfaction with each of the following aspects of your major:	(N)	Very Satisfied (4)	Somewhat Satisfied (3)	Somewhat Dissatisfied (2)	Very Dissatisfied (1)	Item Mean
The accessibility of faculty.	31	74.2%	22.6%	3.2%	0.0%	3.7
The quality of teaching.	31	38.7%	48.4%	12.9%	0.0%	3.3
Academic advising.	31	58.1%	25.8%	16.1%	0.0%	3.4
Access to classes.	31	67.7%	25.8%	6.5%	0.0%	3.6
Faculty concern for your academic progress.	31	67.7%	25.8%	6.5%	0.0%	3.6
Writing preparation.	31	48.4%	41.9%	9.7%	0.0%	3.4
Connections to the rest of your academics.	31	51.6%	32.3%	16.1%	0.0%	3.4
Career preparation and guidance.	31	54.8%	35.5%	9.7%	0.0%	3.5
Your overall experience.	31	54.8%	41.9%	3.2%	0.0%	3.5

EDUCATIONAL EXPERIENCES

Indicate whether or not you participated in each of the following while enrolled at UMass Amherst:

	(N)	Yes	No
Study abroad.	30	10.0%	90.0%
Community service or volunteer work.	31	38.7%	61.3%
Practicum, internship, field or coop experience, clinical assignment.	31	77.4%	22.6%
Research with faculty outside of course/program requirements.	31	41.9%	58.1%
Culminating senior experience.	31	90.3%	9.7%

LEARNING OUTCOMES

To what extent did your experience at UMass

Amherst contribute to your knowledge, skills,

and personal development in the following areas:

	(N)	Very Much (4)	Quite a Bit (3)	Some (2)	Very Little (1)	Item Mean
Knowledge specific to your major.	29	86.2%	13.8%	0.0%	0.0%	3.9
Writing clearly and effectively.	29	34.5%	31.0%	31.0%	3.4%	3.0
Speaking clearly and effectively.	29	41.4%	31.0%	20.7%	6.9%	3.1
Thinking critically and analytically.	29	72.4%	24.1%	3.4%	0.0%	3.7
Solving complex problems.	29	75.9%	24.1%	0.0%	0.0%	3.8
Being an engaged member of society.	29	31.0%	31.0%	20.7%	17.2%	2.8
Analyzing numerical and statistical information.	29	86.2%	13.8%	0.0%	0.0%	3.9
Working effectively with others.	29	62.1%	27.6%	10.3%	0.0%	3.5
Ethical decision making.	29	34.5%	31.0%	17.2%	17.2%	2.8
Relating to people different from you.	29	48.3%	24.1%	20.7%	6.9%	3.1
Understanding your own strengths/weaknesses.	29	51.7%	41.4%	6.9%	0.0%	3.4
Learning effectively on your own.	29	69.0%	24.1%	6.9%	0.0%	3.6

2018 UMass Amherst Graduating Senior Survey Program Level Results

Electrical Engineering

Graduates (Calendar Year 2018): 54

Survey Respondents: 32

Response Rate: 59.3%

POST-GRADUATION: EMPLOYMENT STATUS**

Employment status	(N)	Accepted a full-time, paid job	Accepted a part-time, paid job	Seeking a full-time, paid job	Seeking a part-time, paid job	Will NOT be seeking paid employment	Other
Which of the following best describe(s) your employment status post-graduation?	29	48.3%	3.4%	27.6%	0.0%	6.9%	13.8%
Annual salary	(N)	Less than \$30,000	\$30,000 to \$39,000	\$40,000 to \$49,000	\$50,000 to \$59,000	\$60,000 to \$69,000	\$70,000 or more
If you have accepted a paid job, what is your approximate annual salary?	11	0.0%	0.0%	0.0%	0.0%	36.4%	63.6%
Location	(N)	Massachusetts	CT, RI, VT, ME, or NH	NY or NJ	Other U.S. location	Outside the U.S.	
If you have accepted a paid job, what is the location of your job?	14	71.4%	14.3%	7.1%	7.1%	0.0%	

POST-GRADUATION: PLANS FOR GRADUATE SCHOOL**

Plans for graduate school	(N)	Will be enrolled next year full-time	Will be enrolled next year part-time	Plan to enroll in the next 2 years	No immediate plans to enroll		
Which best describes your plans for graduate school post-graduation?	27	22.2%	0.0%	25.9%	51.9%		
Graduate degree	(N)	MBA	Other Masters degree	Law degree	Medical or Veterinary degree	PhD or EdD	Other Doctoral degree
If you will attend graduate school this fall, what graduate degree will you be seeking?	6	0.0%	33.3%	0.0%	0.0%	66.7%	0.0%

**The 2018 survey was administered to seniors attending the Undergraduate Commencement Fair on May 1st and to seniors picking up their caps and gowns in the Campus Center from May 7-10. A small number of seniors completed the survey online from July 26th - August 22nd.

2018 UMass Amherst Graduating Senior Survey Departmental Results

Mechanical and Industrial Engineering

Graduates (Calendar Year 2018): 190

Survey Respondents: 110

Response Rate: 57.9%

SATISFACTION WITH UMASS AMHERST AND YOUR MAJOR

	(N)	Very Satisfied (4)	Somewhat Satisfied (3)	Somewhat Dissatisfied (2)	Very Dissatisfied (1)	Item Mean
Overall experience						
How satisfied are you with your UMass Amherst experience OVERALL?	108	63.9%	33.3%	0.0%	2.8%	3.6
Rate your satisfaction with each of the following aspects of your major:	(N)	Very Satisfied (4)	Somewhat Satisfied (3)	Somewhat Dissatisfied (2)	Very Dissatisfied (1)	Item Mean
The accessibility of faculty.	110	56.4%	36.4%	7.3%	0.0%	3.5
The quality of teaching.	110	28.2%	53.6%	17.3%	0.9%	3.1
Academic advising.	110	37.3%	38.2%	19.1%	5.5%	3.1
Access to classes.	110	51.8%	37.3%	8.2%	2.7%	3.4
Faculty concern for your academic progress.	110	41.8%	42.7%	13.6%	1.8%	3.2
Writing preparation.	110	39.1%	48.2%	11.8%	0.9%	3.3
Connections to the rest of your academics.	109	32.1%	56.0%	10.1%	1.8%	3.2
Career preparation and guidance.	110	47.3%	38.2%	12.7%	1.8%	3.3
Your overall experience.	110	50.9%	43.6%	5.5%	0.0%	3.5

EDUCATIONAL EXPERIENCES

Indicate whether or not you participated in each of the following while enrolled at UMass Amherst:

	(N)	Yes	No
Study abroad.	108	10.2%	89.8%
Community service or volunteer work.	108	38.0%	62.0%
Practicum, internship, field or coop experience, clinical assignment.	109	84.4%	15.6%
Research with faculty outside of course/program requirements.	108	33.3%	66.7%
Culminating senior experience.	109	100.0%	0.0%

LEARNING OUTCOMES

To what extent did your experience at UMass

Amherst contribute to your knowledge, skills,

and personal development in the following areas:

	(N)	Very Much (4)	Quite a Bit (3)	Some (2)	Very Little (1)	Item Mean
Knowledge specific to your major.	103	75.7%	17.5%	6.8%	0.0%	3.7
Writing clearly and effectively.	103	25.2%	46.6%	24.3%	3.9%	2.9
Speaking clearly and effectively.	102	35.3%	37.3%	22.5%	4.9%	3.0
Thinking critically and analytically.	103	71.8%	24.3%	3.9%	0.0%	3.7
Solving complex problems.	103	75.7%	21.4%	2.9%	0.0%	3.7
Being an engaged member of society.	102	27.5%	27.5%	39.2%	5.9%	2.8
Analyzing numerical and statistical information.	103	68.9%	26.2%	4.9%	0.0%	3.6
Working effectively with others.	103	62.1%	30.1%	6.8%	1.0%	3.5
Ethical decision making.	103	40.8%	27.2%	22.3%	9.7%	3.0
Relating to people different from you.	103	41.7%	29.1%	20.4%	8.7%	3.0
Understanding your own strengths/weaknesses.	103	50.5%	33.0%	16.5%	0.0%	3.3
Learning effectively on your own.	103	61.2%	28.2%	7.8%	2.9%	3.5

2018 UMass Amherst Graduating Senior Survey Departmental Results

Mechanical and Industrial Engineering

Graduates (Calendar Year 2018): 190

Survey Respondents: 110

Response Rate: 57.9%

POST-GRADUATION: EMPLOYMENT STATUS**

Employment status	(N)	Accepted a full-time, paid job	Accepted a part-time, paid job	Seeking a full-time, paid job	Seeking a part-time, paid job	Will NOT be seeking paid employment	Other
Which of the following best describe(s) your employment status post-graduation?	99	39.4%	6.1%	44.4%	2.0%	5.1%	3.0%
Annual salary	(N)	Less than \$30,000	\$30,000 to \$39,000	\$40,000 to \$49,000	\$50,000 to \$59,000	\$60,000 to \$69,000	\$70,000 or more
If you have accepted a paid job, what is your approximate annual salary?	34	2.9%	2.9%	2.9%	8.8%	52.9%	29.4%
Location	(N)	Massachusetts	CT, RI, VT, ME, or NH	NY or NJ	Other U.S. location	Outside the U.S.	
If you have accepted a paid job, what is the location of your job?	43	41.9%	34.9%	2.3%	20.9%	0.0%	

POST-GRADUATION: PLANS FOR GRADUATE SCHOOL**

Plans for graduate school	(N)	Will be enrolled next year full-time	Will be enrolled next year part-time	Plan to enroll in the next 2 years	No immediate plans to enroll		
Which best describes your plans for graduate school post-graduation?	93	14.0%	0.0%	25.8%	60.2%		
Graduate degree	(N)	MBA	Other Masters degree	Law degree	Medical or Veterinary degree	PhD or EdD	Other Doctoral degree
If you will attend graduate school this fall, what graduate degree will you be seeking?	13	0.0%	61.5%	0.0%	0.0%	38.5%	0.0%

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2018 UMass Amherst Graduating Senior Survey Program Level Results

Industrial Engineering

Graduates (Calendar Year 2018): 19

Survey Respondents: 12

Response Rate: 63.2%

SATISFACTION WITH UMASS AMHERST AND YOUR MAJOR

	(N)	Very Satisfied (4)	Somewhat Satisfied (3)	Somewhat Dissatisfied (2)	Very Dissatisfied (1)	Item Mean
Overall experience						
How satisfied are you with your UMass Amherst experience OVERALL?	12	58.3%	41.7%	0.0%	0.0%	3.6
Rate your satisfaction with each of the following aspects of your major:	(N)	Very Satisfied (4)	Somewhat Satisfied (3)	Somewhat Dissatisfied (2)	Very Dissatisfied (1)	Item Mean
The accessibility of faculty.	12	58.3%	33.3%	8.3%	0.0%	3.5
The quality of teaching.	12	0.0%	66.7%	33.3%	0.0%	2.7
Academic advising.	12	25.0%	25.0%	33.3%	16.7%	2.6
Access to classes.	12	50.0%	33.3%	8.3%	8.3%	3.3
Faculty concern for your academic progress.	12	41.7%	41.7%	16.7%	0.0%	3.3
Writing preparation.	12	58.3%	25.0%	16.7%	0.0%	3.4
Connections to the rest of your academics.	12	16.7%	58.3%	25.0%	0.0%	2.9
Career preparation and guidance.	12	33.3%	58.3%	8.3%	0.0%	3.3
Your overall experience.	12	25.0%	75.0%	0.0%	0.0%	3.3

EDUCATIONAL EXPERIENCES

Indicate whether or not you participated in each of the following while enrolled at UMass Amherst:

	(N)	Yes	No
Study abroad.	11	27.3%	72.7%
Community service or volunteer work.	11	45.5%	54.5%
Practicum, internship, field or coop experience, clinical assignment.	12	100.0%	0.0%
Research with faculty outside of course/program requirements.	12	75.0%	25.0%
Culminating senior experience.	12	100.0%	0.0%

LEARNING OUTCOMES

To what extent did your experience at UMass

Amherst contribute to your knowledge, skills, and personal development in the following areas:

	(N)	Very Much (4)	Quite a Bit (3)	Some (2)	Very Little (1)	Item Mean
Knowledge specific to your major.	11	63.6%	27.3%	9.1%	0.0%	3.5
Writing clearly and effectively.	11	36.4%	54.5%	9.1%	0.0%	3.3
Speaking clearly and effectively.	11	36.4%	36.4%	27.3%	0.0%	3.1
Thinking critically and analytically.	11	63.6%	36.4%	0.0%	0.0%	3.6
Solving complex problems.	11	72.7%	27.3%	0.0%	0.0%	3.7
Being an engaged member of society.	11	27.3%	27.3%	36.4%	9.1%	2.7
Analyzing numerical and statistical information.	11	63.6%	36.4%	0.0%	0.0%	3.6
Working effectively with others.	11	45.5%	36.4%	18.2%	0.0%	3.3
Ethical decision making.	11	45.5%	36.4%	18.2%	0.0%	3.3
Relating to people different from you.	11	45.5%	36.4%	18.2%	0.0%	3.3
Understanding your own strengths/weaknesses.	11	54.5%	45.5%	0.0%	0.0%	3.5
Learning effectively on your own.	11	54.5%	36.4%	9.1%	0.0%	3.5

2018 UMass Amherst Graduating Senior Survey Program Level Results

Industrial Engineering

Graduates (Calendar Year 2018): 19

Survey Respondents: 12

Response Rate: 63.2%

POST-GRADUATION: EMPLOYMENT STATUS**

Employment status	(N)	Accepted a full-time, paid job	Accepted a part-time, paid job	Seeking a full-time, paid job	Seeking a part-time, paid job	Will NOT be seeking paid employment	Other
Which of the following best describe(s) your employment status post-graduation?	11	63.6%	9.1%	18.2%	0.0%	9.1%	0.0%
Annual salary	(N)	Less than \$30,000	\$30,000 to \$39,000	\$40,000 to \$49,000	\$50,000 to \$59,000	\$60,000 to \$69,000	\$70,000 or more
If you have accepted a paid job, what is your approximate annual salary?	8	0.0%	0.0%	0.0%	0.0%	50.0%	50.0%
Location	(N)	Massachusetts	CT, RI, VT, ME, or NH	NY or NJ	Other U.S. location	Outside the U.S.	
If you have accepted a paid job, what is the location of your job?	8	37.5%	25.0%	0.0%	37.5%	0.0%	

POST-GRADUATION: PLANS FOR GRADUATE SCHOOL**

Plans for graduate school	(N)	Will be enrolled next year full-time	Will be enrolled next year part-time	Plan to enroll in the next 2 years	No immediate plans to enroll		
Which best describes your plans for graduate school post-graduation?	9	11.1%	0.0%	33.3%	55.6%		
Graduate degree	(N)	MBA	Other Masters degree	Law degree	Medical or Veterinary degree	PhD or EdD	Other Doctoral degree
If you will attend graduate school this fall, what graduate degree will you be seeking?	1	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%

**The 2018 survey was administered to seniors attending the Undergraduate Commencement Fair on May 1st and to seniors picking up their caps and gowns in the Campus Center from May 7-10. A small number of seniors completed the survey online from July 26th - August 22nd.

2018 UMass Amherst Graduating Senior Survey Program Level Results

Mechanical Engineering

Graduates (Calendar Year 2018): 171

Survey Respondents: 98

Response Rate: 57.3%

SATISFACTION WITH UMASS AMHERST AND YOUR MAJOR

	(N)	Very Satisfied (4)	Somewhat Satisfied (3)	Somewhat Dissatisfied (2)	Very Dissatisfied (1)	Item Mean
Overall experience						
How satisfied are you with your UMass Amherst experience OVERALL?	96	64.6%	32.3%	0.0%	3.1%	3.6
Rate your satisfaction with each of the following aspects of your major:	(N)	Very Satisfied (4)	Somewhat Satisfied (3)	Somewhat Dissatisfied (2)	Very Dissatisfied (1)	Item Mean
The accessibility of faculty.	98	56.1%	36.7%	7.1%	0.0%	3.5
The quality of teaching.	98	31.6%	52.0%	15.3%	1.0%	3.1
Academic advising.	98	38.8%	39.8%	17.3%	4.1%	3.1
Access to classes.	98	52.0%	37.8%	8.2%	2.0%	3.4
Faculty concern for your academic progress.	98	41.8%	42.9%	13.3%	2.0%	3.2
Writing preparation.	98	36.7%	51.0%	11.2%	1.0%	3.2
Connections to the rest of your academics.	97	34.0%	55.7%	8.2%	2.1%	3.2
Career preparation and guidance.	98	49.0%	35.7%	13.3%	2.0%	3.3
Your overall experience.	98	54.1%	39.8%	6.1%	0.0%	3.5

EDUCATIONAL EXPERIENCES

Indicate whether or not you participated in each of the following while enrolled at UMass Amherst:

	(N)	Yes	No
Study abroad.	97	8.2%	91.8%
Community service or volunteer work.	97	37.1%	62.9%
Practicum, internship, field or coop experience, clinical assignment.	97	82.5%	17.5%
Research with faculty outside of course/program requirements.	96	28.1%	71.9%
Culminating senior experience.	97	100.0%	0.0%

LEARNING OUTCOMES

To what extent did your experience at UMass

Amherst contribute to your knowledge, skills,

and personal development in the following areas:

	(N)	Very Much (4)	Quite a Bit (3)	Some (2)	Very Little (1)	Item Mean
Knowledge specific to your major.	92	77.2%	16.3%	6.5%	0.0%	3.7
Writing clearly and effectively.	92	23.9%	45.7%	26.1%	4.3%	2.9
Speaking clearly and effectively.	91	35.2%	37.4%	22.0%	5.5%	3.0
Thinking critically and analytically.	92	72.8%	22.8%	4.3%	0.0%	3.7
Solving complex problems.	92	76.1%	20.7%	3.3%	0.0%	3.7
Being an engaged member of society.	91	27.5%	27.5%	39.6%	5.5%	2.8
Analyzing numerical and statistical information.	92	69.6%	25.0%	5.4%	0.0%	3.6
Working effectively with others.	92	64.1%	29.3%	5.4%	1.1%	3.6
Ethical decision making.	92	40.2%	26.1%	22.8%	10.9%	3.0
Relating to people different from you.	92	41.3%	28.3%	20.7%	9.8%	3.0
Understanding your own strengths/weaknesses.	92	50.0%	31.5%	18.5%	0.0%	3.3
Learning effectively on your own.	92	62.0%	27.2%	7.6%	3.3%	3.5

2018 UMass Amherst Graduating Senior Survey Program Level Results

Mechanical Engineering

Graduates (Calendar Year 2018): 171

Survey Respondents: 98

Response Rate: 57.3%

POST-GRADUATION: EMPLOYMENT STATUS**

Employment status	(N)	Accepted a full-time, paid job	Accepted a part-time, paid job	Seeking a full-time, paid job	Seeking a part-time, paid job	Will NOT be seeking paid employment	Other
Which of the following best describe(s) your employment status post-graduation?	88	36.4%	5.7%	47.7%	2.3%	4.5%	3.4%
Annual salary	(N)	Less than \$30,000	\$30,000 to \$39,000	\$40,000 to \$49,000	\$50,000 to \$59,000	\$60,000 to \$69,000	\$70,000 or more
If you have accepted a paid job, what is your approximate annual salary?	26	3.8%	3.8%	3.8%	11.5%	53.8%	23.1%
Location	(N)	Massachusetts	CT, RI, VT, ME, or NH	NY or NJ	Other U.S. location	Outside the U.S.	
If you have accepted a paid job, what is the location of your job?	35	42.9%	37.1%	2.9%	17.1%	0.0%	

POST-GRADUATION: PLANS FOR GRADUATE SCHOOL**

Plans for graduate school	(N)	Will be enrolled next year full-time	Will be enrolled next year part-time	Plan to enroll in the next 2 years	No immediate plans to enroll		
Which best describes your plans for graduate school post-graduation?	84	14.3%	0.0%	25.0%	60.7%		
Graduate degree	(N)	MBA	Other Masters degree	Law degree	Medical or Veterinary degree	PhD or EdD	Other Doctoral degree
If you will attend graduate school this fall, what graduate degree will you be seeking?	12	0.0%	58.3%	0.0%	0.0%	41.7%	0.0%

**The 2018 survey was administered to seniors attending the Undergraduate Commencement Fair on May 1st and to seniors picking up their caps and gowns in the Campus Center from May 7-10. A small number of seniors completed the survey online from July 26th - August 22nd.