

2017 UMass Amherst Graduating Senior Survey

College of Engineering

Graduates (Calendar Year 2017): 457

Survey Respondents: 367

Response Rate: 80.3%

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?	363	63.9%	33.3%	1.9%	0.8%	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.	361	59.6%	33.2%	5.3%	1.9%	3.5
The quality of teaching.	361	40.2%	47.9%	8.3%	3.6%	3.2
Academic advising.	361	38.8%	38.0%	17.2%	6.1%	3.1
Access to classes.	360	58.1%	31.4%	8.1%	2.5%	3.5
Faculty concern for your academic progress.	361	41.3%	44.0%	11.1%	3.6%	3.2
Writing preparation.	361	40.4%	48.2%	8.3%	3.0%	3.3
Connections to the rest of your academics.	359	37.6%	49.9%	10.9%	1.7%	3.2
Career preparation and guidance.	361	46.3%	41.3%	10.2%	2.2%	3.3
Your overall experience.	360	53.3%	42.2%	2.5%	1.9%	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.	362	3.0%	97.0%
Community service or volunteer work.	361	41.6%	58.4%
Practicum, internship, field or coop experience, clinical assignment.	363	77.1%	22.9%
Research with faculty outside of course/program requirements.	363	34.7%	65.3%
Culminating senior experience.	363	89.5%	10.5%

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.	358	72.9%	23.5%	3.4%	0.3%	3.7
Writing clearly and effectively.	358	36.0%	38.5%	21.5%	3.9%	3.1
Speaking clearly and effectively.	358	39.1%	36.3%	20.7%	3.9%	3.1
Thinking critically and analytically.	356	71.1%	25.0%	3.4%	0.6%	3.7
Solving complex problems.	355	76.1%	20.6%	3.4%	0.0%	3.7
Being an engaged member of society.	356	32.3%	29.2%	30.3%	8.1%	2.9
Analyzing numerical and statistical information.	356	72.8%	23.0%	3.4%	0.8%	3.7
Working effectively with others.	355	60.0%	31.3%	7.6%	1.1%	3.5
Ethical decision making.	355	41.7%	28.5%	23.1%	6.8%	3.1
Relating to people different from you.	355	41.4%	35.5%	17.5%	5.6%	3.1
Understanding your own strengths/weaknesses.	356	51.4%	36.0%	11.0%	1.7%	3.4
Learning effectively on your own.	357	60.5%	32.5%	6.4%	0.6%	3.5

2017 UMass Amherst Graduating Senior Survey

College of Engineering

Graduates (Calendar Year 2017): 457

Survey Respondents: 367

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?	344	45.3%	2.3%	36.3%	2.0%	7.6%	6.4%
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?	127	2.4%	2.4%	3.1%	17.3%	33.9%	40.9%
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?	154	62.3%	21.4%	7.1%	8.4%	0.6%	

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?	317	16.4%	2.8%	27.1%	53.6%		
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?	54	5.6%	64.8%	0.0%	0.0%	29.6%	0.0%

**The 2017 survey was administered to seniors attending the Undergraduate Commencement Fair on May 2nd and to seniors picking up their caps and gowns in the Campus Center the first week in May. A small number of seniors completed the survey online from July 26th - August 22nd.

2017 UMass Amherst Graduating Senior Survey Departmental Results

Chemical Engineering

Graduates (Calendar Year 2017): 90

Survey Respondents: 78

Response Rate: 86.7%

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?	77	55.8%	41.6%	1.3%	1.3%	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.	77	37.7%	45.5%	13.0%	3.9%	3.2
The quality of teaching.	77	20.8%	57.1%	14.3%	7.8%	2.9
Academic advising.	77	49.4%	35.1%	10.4%	5.2%	3.3
Access to classes.	77	59.7%	32.5%	6.5%	1.3%	3.5
Faculty concern for your academic progress.	77	32.5%	45.5%	15.6%	6.5%	3.0
Writing preparation.	77	45.5%	42.9%	9.1%	2.6%	3.3
Connections to the rest of your academics.	76	36.8%	50.0%	11.8%	1.3%	3.2
Career preparation and guidance.	77	29.9%	50.6%	15.6%	3.9%	3.1
Your overall experience.	77	36.4%	54.5%	3.9%	5.2%	3.2

EDUCATIONAL EXPERIENCES

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

	(N)	Yes	No
Study abroad.	75	2.7%	97.3%
Community service or volunteer work.	75	29.3%	70.7%
Practicum, internship, field or coop experience, clinical assignment.	74	73.0%	27.0%
Research with faculty outside of course/program requirements.	76	48.7%	51.3%
Culminating senior experience.	76	82.9%	17.1%

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.	76	64.5%	30.3%	5.3%	0.0%	3.6
Writing clearly and effectively.	76	35.5%	44.7%	18.4%	1.3%	3.1
Speaking clearly and effectively.	76	42.1%	40.8%	14.5%	2.6%	3.2
Thinking critically and analytically.	75	62.7%	33.3%	4.0%	0.0%	3.6
Solving complex problems.	76	65.8%	28.9%	5.3%	0.0%	3.6
Being an engaged member of society.	75	26.7%	30.7%	34.7%	8.0%	2.8
Analyzing numerical and statistical information.	75	64.0%	30.7%	5.3%	0.0%	3.6
Working effectively with others.	74	54.1%	43.2%	1.4%	1.4%	3.5
Ethical decision making.	74	33.8%	29.7%	33.8%	2.7%	2.9
Relating to people different from you.	74	32.4%	45.9%	18.9%	2.7%	3.1
Understanding your own strengths/weaknesses.	74	45.9%	39.2%	14.9%	0.0%	3.3
Learning effectively on your own.	75	48.0%	37.3%	14.7%	0.0%	3.3

2017 UMass Amherst Graduating Senior Survey Departmental Results

Chemical Engineering

Graduates (Calendar Year 2017): 90

Survey Respondents: 78

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?	69	26.1%	4.3%	52.2%	1.4%	11.6%	4.3%
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?	15	0.0%	0.0%	13.3%	33.3%	13.3%	40.0%
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?	20	60.0%	15.0%	5.0%	15.0%	5.0%	

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?	66	24.2%	0.0%	19.7%	56.1%		
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?	16	6.3%	25.0%	0.0%	0.0%	68.8%	0.0%

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2017 UMass Amherst Graduating Senior Survey Departmental Results

Civil and Environmental Engineering

Graduates (Calendar Year 2017): 69

Survey Respondents: 58

Response Rate: 84.1%

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?	57	73.7%	26.3%	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.	54	68.5%	27.8%	3.7%	0.0%	3.6
The quality of teaching.	54	68.5%	27.8%	1.9%	1.9%	3.6
Academic advising.	54	46.3%	33.3%	14.8%	5.6%	3.2
Access to classes.	54	63.0%	29.6%	5.6%	1.9%	3.5
Faculty concern for your academic progress.	54	48.1%	42.6%	5.6%	3.7%	3.4
Writing preparation.	54	48.1%	46.3%	3.7%	1.9%	3.4
Connections to the rest of your academics.	53	37.7%	50.9%	11.3%	0.0%	3.3
Career preparation and guidance.	54	50.0%	40.7%	7.4%	1.9%	3.4
Your overall experience.	54	68.5%	29.6%	0.0%	1.9%	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.	57	3.5%	96.5%
Community service or volunteer work.	56	60.7%	39.3%
Practicum, internship, field or coop experience, clinical assignment.	58	77.6%	22.4%
Research with faculty outside of course/program requirements.	58	50.0%	50.0%
Culminating senior experience.	57	77.2%	22.8%

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.	56	85.7%	10.7%	1.8%	1.8%	3.8
Writing clearly and effectively.	56	51.8%	33.9%	14.3%	0.0%	3.4
Speaking clearly and effectively.	56	41.1%	37.5%	19.6%	1.8%	3.2
Thinking critically and analytically.	56	75.0%	23.2%	1.8%	0.0%	3.7
Solving complex problems.	56	80.4%	16.1%	3.6%	0.0%	3.8
Being an engaged member of society.	56	42.9%	26.8%	21.4%	8.9%	3.0
Analyzing numerical and statistical information.	56	71.4%	25.0%	3.6%	0.0%	3.7
Working effectively with others.	56	69.6%	28.6%	1.8%	0.0%	3.7
Ethical decision making.	56	64.3%	21.4%	14.3%	0.0%	3.5
Relating to people different from you.	56	48.2%	37.5%	10.7%	3.6%	3.3
Understanding your own strengths/weaknesses.	56	57.1%	35.7%	5.4%	1.8%	3.5
Learning effectively on your own.	56	64.3%	32.1%	3.6%	0.0%	3.6

2017 UMass Amherst Graduating Senior Survey Departmental Results

Civil and Environmental Engineering

Graduates (Calendar Year 2017): 69

Survey Respondents: 58

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?	55	52.7%	0.0%	25.5%	3.6%	9.1%	9.1%
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?	24	4.2%	0.0%	4.2%	54.2%	25.0%	12.5%
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?	28	78.6%	10.7%	7.1%	3.6%	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?	53	18.9%	3.8%	22.6%	54.7%		
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?	11	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%

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2017 UMass Amherst Graduating Senior Survey Departmental Results

Electrical and Computer Engineering

Graduates (Calendar Year 2017): 107

Survey Respondents: 85

Response Rate: 79.4%

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?	85	67.1%	31.8%	0.0%	1.2%	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.	85	74.1%	24.7%	1.2%	0.0%	3.7
The quality of teaching.	85	48.2%	47.1%	4.7%	0.0%	3.4
Academic advising.	85	50.6%	34.1%	14.1%	1.2%	3.3
Access to classes.	85	72.9%	20.0%	4.7%	2.4%	3.6
Faculty concern for your academic progress.	85	50.6%	42.4%	5.9%	1.2%	3.4
Writing preparation.	85	42.4%	45.9%	9.4%	2.4%	3.3
Connections to the rest of your academics.	85	44.7%	47.1%	8.2%	0.0%	3.4
Career preparation and guidance.	85	61.2%	27.1%	9.4%	2.4%	3.5
Your overall experience.	84	64.3%	33.3%	2.4%	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.	85	1.2%	98.8%
Community service or volunteer work.	84	35.7%	64.3%
Practicum, internship, field or coop experience, clinical assignment.	85	77.6%	22.4%
Research with faculty outside of course/program requirements.	85	23.5%	76.5%
Culminating senior experience.	85	96.5%	3.5%

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.	84	83.3%	15.5%	1.2%	0.0%	3.8
Writing clearly and effectively.	84	34.5%	29.8%	27.4%	8.3%	2.9
Speaking clearly and effectively.	84	44.0%	27.4%	23.8%	4.8%	3.1
Thinking critically and analytically.	84	81.0%	17.9%	1.2%	0.0%	3.8
Solving complex problems.	84	88.1%	10.7%	1.2%	0.0%	3.9
Being an engaged member of society.	84	35.7%	20.2%	34.5%	9.5%	2.8
Analyzing numerical and statistical information.	83	81.9%	15.7%	1.2%	1.2%	3.8
Working effectively with others.	83	69.9%	22.9%	6.0%	1.2%	3.6
Ethical decision making.	83	43.4%	30.1%	16.9%	9.6%	3.1
Relating to people different from you.	83	49.4%	30.1%	16.9%	3.6%	3.3
Understanding your own strengths/weaknesses.	84	60.7%	26.2%	11.9%	1.2%	3.5
Learning effectively on your own.	84	70.2%	27.4%	2.4%	0.0%	3.7

2017 UMass Amherst Graduating Senior Survey Departmental Results

Electrical and Computer Engineering

Graduates (Calendar Year 2017): 107

Survey Respondents: 85

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?	80	55.0%	3.8%	30.0%	0.0%	5.0%	6.3%
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?	39	5.1%	0.0%	2.6%	2.6%	25.6%	64.1%
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?	43	74.4%	14.0%	4.7%	7.0%	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?	72	16.7%	4.2%	23.6%	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?	12	8.3%	75.0%	0.0%	0.0%	16.7%	0.0%

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2017 UMass Amherst Graduating Senior Survey Program Level Results

Computer Systems Engineering

Graduates (Calendar Year 2017): 41

Survey Respondents: 32

Response Rate: 78.0%

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?	32	65.6%	31.3%	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.	31	80.6%	19.4%	0.0%	0.0%	3.8
The quality of teaching.	31	48.4%	45.2%	6.5%	0.0%	3.4
Academic advising.	31	54.8%	32.3%	9.7%	3.2%	3.4
Access to classes.	31	77.4%	6.5%	9.7%	6.5%	3.5
Faculty concern for your academic progress.	31	48.4%	45.2%	6.5%	0.0%	3.4
Writing preparation.	31	45.2%	45.2%	6.5%	3.2%	3.3
Connections to the rest of your academics.	31	45.2%	38.7%	16.1%	0.0%	3.3
Career preparation and guidance.	31	58.1%	32.3%	6.5%	3.2%	3.5
Your overall experience.	30	66.7%	30.0%	3.3%	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.	32	3.1%	96.9%
Community service or volunteer work.	32	46.9%	53.1%
Practicum, internship, field or coop experience, clinical assignment.	32	75.0%	25.0%
Research with faculty outside of course/program requirements.	32	25.0%	75.0%
Culminating senior experience.	32	93.8%	6.3%

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.	31	80.6%	16.1%	3.2%	0.0%	3.8
Writing clearly and effectively.	31	38.7%	12.9%	35.5%	12.9%	2.8
Speaking clearly and effectively.	31	38.7%	19.4%	38.7%	3.2%	2.9
Thinking critically and analytically.	31	77.4%	19.4%	3.2%	0.0%	3.7
Solving complex problems.	31	90.3%	6.5%	3.2%	0.0%	3.9
Being an engaged member of society.	31	35.5%	16.1%	41.9%	6.5%	2.8
Analyzing numerical and statistical information.	31	83.9%	16.1%	0.0%	0.0%	3.8
Working effectively with others.	31	64.5%	22.6%	9.7%	3.2%	3.5
Ethical decision making.	31	41.9%	25.8%	22.6%	9.7%	3.0
Relating to people different from you.	30	53.3%	23.3%	20.0%	3.3%	3.3
Understanding your own strengths/weaknesses.	31	67.7%	12.9%	16.1%	3.2%	3.5
Learning effectively on your own.	31	74.2%	25.8%	0.0%	0.0%	3.7

2017 UMass Amherst Graduating Senior Survey Program Level Results

Computer Systems Engineering

Graduates (Calendar Year 2017): 41

Survey Respondents: 32

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	58.6%	6.9%	24.1%	0.0%	10.3%	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?	17	5.9%	0.0%	0.0%	0.0%	29.4%	64.7%
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?	19	73.7%	5.3%	10.5%	10.5%	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?	28	7.1%	10.7%	21.4%	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?	3	33.3%	66.7%	0.0%	0.0%	0.0%	0.0%

**The 2017 survey was administered to seniors attending the Undergraduate Commencement Fair on May 2nd and to seniors picking up their caps and gowns in the Campus Center the first week in May. A small number of seniors completed the survey online from July 26th - August 22nd.

2017 UMass Amherst Graduating Senior Survey Program Level Results

Electrical Engineering

Graduates (Calendar Year 2017): 66

Survey Respondents: 53

Response Rate: 80.3%

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?	53	69.8%	30.2%	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.	53	71.7%	26.4%	1.9%	0.0%	3.7
The quality of teaching.	53	49.1%	47.2%	3.8%	0.0%	3.5
Academic advising.	53	49.1%	34.0%	17.0%	0.0%	3.3
Access to classes.	53	71.7%	26.4%	1.9%	0.0%	3.7
Faculty concern for your academic progress.	53	50.9%	41.5%	5.7%	1.9%	3.4
Writing preparation.	53	39.6%	47.2%	11.3%	1.9%	3.2
Connections to the rest of your academics.	53	45.3%	50.9%	3.8%	0.0%	3.4
Career preparation and guidance.	53	62.3%	24.5%	11.3%	1.9%	3.5
Your overall experience.	53	64.2%	34.0%	1.9%	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.	53	0.0%	100.0%
Community service or volunteer work.	52	28.8%	71.2%
Practicum, internship, field or coop experience, clinical assignment.	53	79.2%	20.8%
Research with faculty outside of course/program requirements.	53	22.6%	77.4%
Culminating senior experience.	53	98.1%	1.9%

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.	53	84.9%	15.1%	0.0%	0.0%	3.8
Writing clearly and effectively.	53	32.1%	39.6%	22.6%	5.7%	3.0
Speaking clearly and effectively.	53	47.2%	32.1%	15.1%	5.7%	3.2
Thinking critically and analytically.	53	83.0%	17.0%	0.0%	0.0%	3.8
Solving complex problems.	53	86.8%	13.2%	0.0%	0.0%	3.9
Being an engaged member of society.	53	35.8%	22.6%	30.2%	11.3%	2.8
Analyzing numerical and statistical information.	52	80.8%	15.4%	1.9%	1.9%	3.8
Working effectively with others.	52	73.1%	23.1%	3.8%	0.0%	3.7
Ethical decision making.	52	44.2%	32.7%	13.5%	9.6%	3.1
Relating to people different from you.	53	47.2%	34.0%	15.1%	3.8%	3.2
Understanding your own strengths/weaknesses.	53	56.6%	34.0%	9.4%	0.0%	3.5
Learning effectively on your own.	53	67.9%	28.3%	3.8%	0.0%	3.6

2017 UMass Amherst Graduating Senior Survey Program Level Results

Electrical Engineering

Graduates (Calendar Year 2017): 66

Survey Respondents: 53

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?	51	52.9%	2.0%	33.3%	0.0%	2.0%	9.8%
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?	22	4.5%	0.0%	4.5%	4.5%	22.7%	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?	24	75.0%	20.8%	0.0%	4.2%	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?	44	22.7%	0.0%	25.0%	52.3%		
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?	9	0.0%	77.8%	0.0%	0.0%	22.2%	0.0%

**The 2017 survey was administered to seniors attending the Undergraduate Commencement Fair on May 2nd and to seniors picking up their caps and gowns in the Campus Center the first week in May. A small number of seniors completed the survey online from July 26th - August 22nd.

Survey methods and results at: www.umass.edu/oapa/oapa/reports/senior_survey. Office of Academic Planning and Assessment, 11/13/2017

2017 UMass Amherst Graduating Senior Survey Departmental Results

Mechanical and Industrial Engineering

Graduates (Calendar Year 2017): 191

Survey Respondents: 146

Response Rate: 76.4%

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?	144	63.2%	31.9%	4.2%	0.7%	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.	145	59.3%	33.8%	4.1%	2.8%	3.5
The quality of teaching.	145	35.2%	51.0%	9.7%	4.1%	3.2
Academic advising.	145	23.4%	43.4%	23.4%	9.7%	2.8
Access to classes.	144	46.5%	38.2%	11.8%	3.5%	3.3
Faculty concern for your academic progress.	145	37.9%	44.8%	13.8%	3.4%	3.2
Writing preparation.	145	33.8%	53.1%	9.0%	4.1%	3.2
Connections to the rest of your academics.	145	33.8%	51.0%	11.7%	3.4%	3.2
Career preparation and guidance.	145	44.8%	44.8%	9.0%	1.4%	3.3
Your overall experience.	145	50.3%	45.5%	2.8%	1.4%	3.4

EDUCATIONAL EXPERIENCES

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

	(N)	Yes	No
Study abroad.	145	4.1%	95.9%
Community service or volunteer work.	146	43.8%	56.2%
Practicum, internship, field or coop experience, clinical assignment.	146	78.8%	21.2%
Research with faculty outside of course/program requirements.	144	27.8%	72.2%
Culminating senior experience.	145	93.8%	6.2%

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.	142	66.2%	29.6%	4.2%	0.0%	3.6
Writing clearly and effectively.	142	31.0%	42.3%	22.5%	4.2%	3.0
Speaking clearly and effectively.	142	33.8%	38.7%	22.5%	4.9%	3.0
Thinking critically and analytically.	141	68.1%	25.5%	5.0%	1.4%	3.6
Solving complex problems.	139	72.7%	23.7%	3.6%	0.0%	3.7
Being an engaged member of society.	141	29.1%	34.8%	29.1%	7.1%	2.9
Analyzing numerical and statistical information.	142	72.5%	22.5%	3.5%	1.4%	3.7
Working effectively with others.	142	53.5%	31.0%	14.1%	1.4%	3.4
Ethical decision making.	142	35.9%	29.6%	24.6%	9.9%	2.9
Relating to people different from you.	142	38.7%	32.4%	19.7%	9.2%	3.0
Understanding your own strengths/weaknesses.	142	46.5%	40.1%	10.6%	2.8%	3.3
Learning effectively on your own.	142	59.9%	33.1%	5.6%	1.4%	3.5

2017 UMass Amherst Graduating Senior Survey Departmental Results

Mechanical and Industrial Engineering

Graduates (Calendar Year 2017): 191

Survey Respondents: 146

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?	140	46.4%	1.4%	36.4%	2.9%	6.4%	6.4%
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?	49	0.0%	6.1%	0.0%	6.1%	51.0%	36.7%
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?	63	47.6%	33.3%	9.5%	9.5%	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?	126	11.1%	3.2%	34.9%	50.8%		
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?	15	6.7%	73.3%	0.0%	0.0%	20.0%	0.0%

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2017 UMass Amherst Graduating Senior Survey Program Level Results

Industrial Engineering

Graduates (Calendar Year 2017): 22

Survey Respondents: 16

Response Rate: 72.7%

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?	16	68.8%	25.0%	6.3%	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.	15	26.7%	66.7%	0.0%	6.7%	3.1
The quality of teaching.	15	20.0%	66.7%	0.0%	13.3%	2.9
Academic advising.	15	0.0%	46.7%	40.0%	13.3%	2.3
Access to classes.	15	13.3%	73.3%	13.3%	0.0%	3.0
Faculty concern for your academic progress.	15	26.7%	40.0%	33.3%	0.0%	2.9
Writing preparation.	15	33.3%	46.7%	20.0%	0.0%	3.1
Connections to the rest of your academics.	15	33.3%	53.3%	13.3%	0.0%	3.2
Career preparation and guidance.	15	40.0%	53.3%	6.7%	0.0%	3.3
Your overall experience.	15	46.7%	46.7%	6.7%	0.0%	3.4

EDUCATIONAL EXPERIENCES

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

	(N)	Yes	No
Study abroad.	16	6.3%	93.8%
Community service or volunteer work.	16	50.0%	50.0%
Practicum, internship, field or coop experience, clinical assignment.	16	87.5%	12.5%
Research with faculty outside of course/program requirements.	16	37.5%	62.5%
Culminating senior experience.	16	93.8%	6.3%

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.	16	50.0%	31.3%	18.8%	0.0%	3.3
Writing clearly and effectively.	16	6.3%	50.0%	37.5%	6.3%	2.6
Speaking clearly and effectively.	16	12.5%	50.0%	37.5%	0.0%	2.8
Thinking critically and analytically.	15	46.7%	46.7%	6.7%	0.0%	3.4
Solving complex problems.	15	46.7%	46.7%	6.7%	0.0%	3.4
Being an engaged member of society.	15	40.0%	40.0%	20.0%	0.0%	3.2
Analyzing numerical and statistical information.	16	62.5%	31.3%	6.3%	0.0%	3.6
Working effectively with others.	16	43.8%	43.8%	12.5%	0.0%	3.3
Ethical decision making.	16	37.5%	25.0%	31.3%	6.3%	2.9
Relating to people different from you.	16	50.0%	37.5%	6.3%	6.3%	3.3
Understanding your own strengths/weaknesses.	16	43.8%	43.8%	6.3%	6.3%	3.3
Learning effectively on your own.	16	31.3%	56.3%	6.3%	6.3%	3.1

2017 UMass Amherst Graduating Senior Survey Program Level Results

Industrial Engineering

Graduates (Calendar Year 2017): 22

Survey Respondents: 16

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?	16	62.5%	6.3%	18.8%	6.3%	0.0%	6.3%
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?	10	0.0%	10.0%	0.0%	0.0%	50.0%	40.0%
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?	11	45.5%	36.4%	9.1%	9.1%	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?	15	0.0%	13.3%	46.7%	40.0%		
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?	1	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%

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2017 UMass Amherst Graduating Senior Survey Program Level Results

Mechanical Engineering

Graduates (Calendar Year 2017): 169

Survey Respondents: 130

Response Rate: 76.9%

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?	128	62.5%	32.8%	3.9%	0.8%	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.	130	63.1%	30.0%	4.6%	2.3%	3.5
The quality of teaching.	130	36.9%	49.2%	10.8%	3.1%	3.2
Academic advising.	130	26.2%	43.1%	21.5%	9.2%	2.9
Access to classes.	129	50.4%	34.1%	11.6%	3.9%	3.3
Faculty concern for your academic progress.	130	39.2%	45.4%	11.5%	3.8%	3.2
Writing preparation.	130	33.8%	53.8%	7.7%	4.6%	3.2
Connections to the rest of your academics.	130	33.8%	50.8%	11.5%	3.8%	3.1
Career preparation and guidance.	130	45.4%	43.8%	9.2%	1.5%	3.3
Your overall experience.	130	50.8%	45.4%	2.3%	1.5%	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.	129	3.9%	96.1%
Community service or volunteer work.	130	43.1%	56.9%
Practicum, internship, field or coop experience, clinical assignment.	130	77.7%	22.3%
Research with faculty outside of course/program requirements.	128	26.6%	73.4%
Culminating senior experience.	129	93.8%	6.2%

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.	126	68.3%	29.4%	2.4%	0.0%	3.7
Writing clearly and effectively.	126	34.1%	41.3%	20.6%	4.0%	3.1
Speaking clearly and effectively.	126	36.5%	37.3%	20.6%	5.6%	3.0
Thinking critically and analytically.	126	70.6%	23.0%	4.8%	1.6%	3.6
Solving complex problems.	124	75.8%	21.0%	3.2%	0.0%	3.7
Being an engaged member of society.	126	27.8%	34.1%	30.2%	7.9%	2.8
Analyzing numerical and statistical information.	126	73.8%	21.4%	3.2%	1.6%	3.7
Working effectively with others.	126	54.8%	29.4%	14.3%	1.6%	3.4
Ethical decision making.	126	35.7%	30.2%	23.8%	10.3%	2.9
Relating to people different from you.	126	37.3%	31.7%	21.4%	9.5%	3.0
Understanding your own strengths/weaknesses.	126	46.8%	39.7%	11.1%	2.4%	3.3
Learning effectively on your own.	126	63.5%	30.2%	5.6%	0.8%	3.6

2017 UMass Amherst Graduating Senior Survey Program Level Results

Mechanical Engineering

Graduates (Calendar Year 2017): 169

Survey Respondents: 130

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?	124	44.4%	0.8%	38.7%	2.4%	7.3%	6.5%
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?	39	0.0%	5.1%	0.0%	7.7%	51.3%	35.9%
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?	52	48.1%	32.7%	9.6%	9.6%	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?	111	12.6%	1.8%	33.3%	52.3%		
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	7.1%	71.4%	0.0%	0.0%	21.4%	0.0%

**The 2017 survey was administered to seniors attending the Undergraduate Commencement Fair on May 2nd and to seniors picking up their caps and gowns in the Campus Center the first week in May. A small number of seniors completed the survey online from July 26th - August 22nd.