2017 UMass Amherst Graduating Senior Survey College of Engineering

College of Engineering
Graduates (Calendar Year 2017): 457
Survey Respondents: 367
Response Rate: 80.3%

SATISFACTION WITH UMASS AMHERST	AND TOC						
		Very Satisfied	Some		Somewhat Dissatisfied	Very Dissatisfied	Item
Overall experience	(N)	Saustieu (4)	Saus	(3)) (2)	Dissausileu (1)	Mean
How satisfied are you with your UMass Amherst experience OVERALL?	363	63.9%	33	3.3%	1.9%	0.8%	3.6
Rate your satisfaction with each of the following aspects of your major:	(N)	Very Satisfied (4)	Somev Satis		Somewhat Dissatisfied (2)	Very Dissatisfied (1)	Item Mean
The accessibility of faculty.	361	59.6%	33	3.2%	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	3.0%	17.2%	6.1%	3.1
Access to classes.	360	58.1%	31.4% 8.3		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%	2.5%	1.9%	3.5
EDUCATIONAL EXPERIENCES							
Indicate whether or not you participated in each of t while enrolled at UMass Amherst:	the followin	g	(N)	Υe	es N	lo_	
Study abroad.			362	3.09	% 97.0°	%	
Community service or volunteer work.			361	41.69	% 58.4°	%	
Practicum, internship, field or coop experience, clinic	al assignm	ent.	363	77.19	% 22.9°	%	
Research with faculty outside of course/program requirements.			363	34.79	% 65.3°	%	
Culminating senior experience.			363	89.59	% 10.5°	%	
LEARNING OUTCOMES							
To what extent did your experience at UMass		Very Muc	h Oı	uite a Rit	Som	ne Vervlitt	lo Ita

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: EMPLO	YMFNT	STATUS**					
Employment status	(N)	Accepted a full-time, paid job	Accepted a part-time, paid job	full-time	e, part-time	, seeking pa	nid
Which of the following best describe(s) your employment status post-graduation?	344	45.3%	2.3%	36.3%	6 2.0%	6 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, V ME, or N	•		er U.S. O ocation	utside the U.S.
If you have accepted a paid job, what is the location of your job?	154	62.3%	21.4	% 7	7.1%	8.4%	0.6%
POST-GRADUATION: PLANS	FOR GF	RADUATE SO	CHOOL**				
Plans for graduate school	(N)	Will enrolled ne) year full-tin	xt enrolled			mmediate s to enroll	
Which best describes your plans for graduate school post-graduation?	317	7 16.4	% 2	.8%	27.1%	53.6%	
Craduate dogues	(NI)	Mas	ther sters Law	,		Other Doctoral	
Graduate degree If you will attend graduate school	(N)	MBA deg	gree degree	degree	PhD or EdD	degree	
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

Chemical Engineering
Graduates (Calendar Year 2017): 90
Survey Respondents: 78
Response Rate: 86.7%

		Verv	Somewhat	Somewhat	Very	
		Satisfied	Satisfied	Dissatisfied	Dissatisfied	Item
Overall experience	(N)	(4)	(3)	(2)	(1)	Mean
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 twhile enrolled at UMass Amherst:	the followir	ng	(N)	Yes I	No	

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%

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: EMPLO	TMENI						
		Accepted a	Accepted a				
Employment status	(N)	full-time, paid job	part-time, paid job		,		
_ · · ·	(11)	paid Job	paid joi	paid joi	paid joi	в етпрюутте	in Our
Which of the following best describe(s) your employment							
status post-graduation?	69	26.1%	4.3%	52.2%	6 1.49	6 11.6	% 4.3
		Less than	\$30,000 to	\$40,000 to	\$50,000 to	\$60,000 to	\$70,000
Annual salary	(N)	\$30,000	\$39,000	\$49,000	\$59,000	\$69,000	mo
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
Salal y :	13	0.0%	0.0%	13.3%	33.370	13.370	40.0
			CT, RI, V	т	Othe	er U.S. O	utside the
Location	(N)	Massachusetts		•		ocation	U.S.
If you have accepted a paid job,	•					•	
what is the location of your job?	20	60.0%	15.0	% 5	5.0%	15.0%	5.0%
POST-GRADUATION: PLANS	FOR G	RADUATE SO	CHOOL**				
		Will		ll be			
Plans for graduate school	(N)	enrolled ne) year full-tin				immediate s to enroll	
Which best describes your plans for	(14)	year run-un	ne year part-t	ine the next	2 years plan	3 to enion	
graduate school post-graduation?	66	5 24.2	% 0	.0%	19.7%	56.1%	
gradate concer poor gradation.	•		.,,			00.270	
		0	ther	Medical or		Other	
			sters Lav			Doctoral	
Graduate degree	(N)	MBA deg	gree degree	degree	PhD or EdD	degree	
If you will attend graduate school							
this fall, what graduate degree will	16	6.3% 25	.0% 0.0%	0.0%	68.8%	0.0%	
you be seeking?	10	0.5% 25	.070 0.0%	0.0%	00.0%	0.070	

^{**}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 Civil and Environmental Engineering

Graduates (Calendar Year 2017): 69 Survey Respondents: 58 Response Rate: 84.1%

		Verv	Somew	hat S	omewhat	Verv	
		Satisfied	Satisf		issatisfied	Dissatisfied	Iten
Overall experience	(N)	(4)		(3)	(2)	(1)	Mear
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)	Somew Satisf		issatisfied (2)	Very Dissatisfied (1)	Iten Mear
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%	3.0
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.
Faculty concern for your academic progress.	54	48.1%	42.	6%	5.6%	3.7%	3.
Writing preparation.	54	48.1%	46.	3%	3.7%	1.9%	3.4
Connections to the rest of your academics.	53	37.7%	50.	50.9%		0.0%	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.
EDUCATIONAL EXPERIENCES							
Indicate whether or not you participated in each of t while enrolled at UMass Amherst:	he followin	ng	(N)	Yes	s 1	No	
Study abroad.		•	57	3.5%	96.5	%	
Community service or volunteer work.			56	60.7%	39.3	%	
Practicum, internship, field or coop experience, clinic	al assignm	ent.	58	77.6%	22.4	%	
Research with faculty outside of course/program req	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: EMPLO	VMENIT	CTATHC**					
Employment status	(N)	Accepted a full-time, paid job	Accepted a part-time	, full-time	e, part-time	, seeking p	aid
	(11)	paid job	paid joi	paid jo	b paid jo	о стіріоўті	ent 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, \ ME, or I	,		er U.S. Cocation	Outside the U.S.
If you have accepted a paid job, what is the location of your job?	28	78.6%	10.7	7%	7.1%	3.6%	0.0%
POST-GRADUATION: PLANS	FOR G	RADUATE SO	CHOOL**				
Plans for graduate school	(N	Will enrolled ne) year full-tin	xt enrolled			immediate is to enroll	
Which best describes your plans for graduate school post-graduation?	5	3 18.9	% 3	3.8%	22.6%	54.7%	
	40	Mas	ther sters Lav	/		Other Doctoral	
Graduate degree	(N)	MBA deg	gree degree	e degree	PhD or EdD	degree	
If you will attend graduate school this fall, what graduate degree will you be seeking?	11	0.0% 100	.0% 0.0%	6 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%

How satisfied are you with your UMass Amherst experience OVERALL? 85 67.1% 31.8% 0.0% 1.2% 3. Very Somewhat Satisfied Dissatisfied Di	Overall experience	(N)	Very Satisfied (4)	Somew Satis		omewhat issatisfied (2)	Very Dissatisfied (1)	Item Mear
Rate your satisfaction with each of the following aspects of your major: (N) (4) (3) (2) (1) Meal The accessibility of faculty. The accessibility of faculty. 85 74.1% 24.7% 1.2% 0.0% 3. The quality of teaching. 85 48.2% 47.1% 4.7% 0.0% 3. Academic advising. 85 50.6% 34.1% 14.1% 1.2% 3. Access to classes. 85 72.9% 20.0% 4.7% 2.4% 3. Faculty concern for your academic progress. 85 50.6% 42.4% 5.9% 1.2% 3. Writing preparation. 85 42.4% 45.9% 9.4% 2.4% 3. Connections to the rest of your academics. 85 41.7% 47.1% 8.2% 0.0% 3. Career preparation and guidance. 85 61.2% 27.1% 9.4% 2.4% 3. Career preparation and guidance. 86 61.2% 27.1% 9.4% 2.4% 3. Career preparation and guidance. 87 61.2% 27.1% 9.4% 2.4% 3. Career preparation and guidance. 88 61.2% 27.1% 9.4% 2.4% 3. Career preparation and guidance. 89 61.2% 27.1% 9.4% 2.4% 3. Career preparation and guidance. 80 61.2% 27.1% 9.4% 2.4% 3. Career preparation and guidance. 80 61.2% 27.1% 9.4% 2.4% 3. Career preparation and guidance. 81 61.2% 27.1% 9.4% 2.4% 3. Career preparation and guidance. 82 61.2% 27.1% 9.4% 2.4% 3. Career preparation and guidance. 83 61.2% 27.1% 9.4% 2.4% 3. Career preparation and guidance. 84 64.3% 33.3% 2.4% 0.0% 3. Career preparation and guidance. 85 61.2% 27.1% 9.4% 2.4% 3. Career preparation and guidance. 86 61.2% 27.1% 9.4% 2.4% 3. Career preparation and guidance. 87 61.2% 27.1% 9.4% 2.4% 3. Career preparation and guidance. 88 61.2% 27.1% 9.4% 2.4% 3. Career preparation and guidance. 89 61.2% 27.1% 9.4% 2.4% 3. Career preparation and guidance. 89 61.2% 27.1% 9.4% 2.4% 3. Career preparation and guidance. 80 61.2% 27.1% 9.4% 2.4% 3. Career preparation and guidance. 80 61.2% 27.1% 9.4% 2.4% 3. Career preparation and guidance. 80 61.2% 27.1% 9.4% 2.4% 3. Career preparation and guidance. 80 61.2% 27.1% 9.4% 2.4% 3. Career preparation and guidance. 81 61.2% 27.1% 9.4% 2.4% 3. Career preparation and guidance. 82 85 1.2% 98.8% 2.2% 2.2% 2.2% 2.2% 2.2% 2.2% 2.2%	How satisfied are you with your UMass Amherst experience OVERALL?			31				3.6
The quality of teaching. 85	Rate your satisfaction with each of the following aspects of your major:	(N)	Satisfied		fied D	issatisfied	Dissatisfied	Iten Mear
Academic advising. Academic advising. Access to classes. B5 50.6% 34.1% 14.1% 1.2% 3. Access to classes. Faculty concern for your academic progress. B5 50.6% 42.4% 5.9% 1.2% 3. Writing preparation. B5 42.4% 45.9% 9.4% 2.4% 3. Connections to the rest of your academics. B5 44.7% 47.1% 8.2% 0.0% 3. Career preparation and guidance. B5 61.2% 27.1% 9.4% 2.4% 3. Your overall experience. B4 64.3% 33.3% 2.4% 0.0% 3. EDUCATIONAL EXPERIENCES Indicate whether or not you participated in each of the following while enrolled at UMass Amherst: (N) Yes No Study abroad. Community service or volunteer work. B5 1.2% 98.8% Community service or volunteer work. Research with faculty outside of course/program requirements. B5 77.6% 22.4% Research with faculty outside of course/program requirements.	The accessibility of faculty.	85	74.1%	24	.7%	1.2%	0.0%	3.7
Access to classes. 85 72.9% 20.0% 4.7% 2.4% 3. Faculty concern for your academic progress. 85 50.6% 42.4% 5.9% 1.2% 3. Writing preparation. 85 42.4% 45.9% 9.4% 2.4% 3. Connections to the rest of your academics. 85 44.7% 47.1% 8.2% 0.0% 3. Career preparation and guidance. 85 61.2% 27.1% 9.4% 2.4% 3. Your overall experience. 84 64.3% 33.3% 2.4% 0.0% 3. EDUCATIONAL EXPERIENCES Indicate whether or not you participated in each of the following while enrolled at UMass Amherst: (N) Yes No Study abroad. 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%	The quality of teaching.	85	48.2%	47	.1%	4.7%	0.0%	3.4
Faculty concern for your academic progress. 85 50.6% 42.4% 5.9% 1.2% 3. Writing preparation. 85 42.4% 45.9% 9.4% 2.4% 3. Connections to the rest of your academics. 85 44.7% 47.1% 8.2% 0.0% 3. Career preparation and guidance. 85 61.2% 27.1% 9.4% 2.4% 3. Your overall experience. 84 64.3% 33.3% 2.4% 0.0% 3. 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%	Academic advising.	85	50.6%	34	.1%	14.1%	1.2%	3.3
Writing preparation. 85 42.4% 45.9% 9.4% 2.4% 3. Connections to the rest of your academics. 85 44.7% 47.1% 8.2% 0.0% 3. Career preparation and guidance. 85 61.2% 27.1% 9.4% 2.4% 3. Your overall experience. 84 64.3% 33.3% 2.4% 0.0% 3. EDUCATIONAL EXPERIENCES Indicate whether or not you participated in each of the following while enrolled at UMass Amherst: (N) Yes No Study abroad. Community service or volunteer work. 84 35.7% 64.3% Practicum, internship, field or coop experience, clinical assignment. Research with faculty outside of course/program requirements. 85 23.5% 76.5%	Access to classes.	85	72.9%	20	.0%	4.7%	2.4%	3.6
Connections to the rest of your academics. 85 44.7% 47.1% 8.2% 0.0% 3. Career preparation and guidance. 85 61.2% 27.1% 9.4% 2.4% 3. Your overall experience. 84 64.3% 33.3% 2.4% 0.0% 3. 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%	Faculty concern for your academic progress.	85	50.6%	42	.4%	5.9%	1.2%	3.4
Career preparation and guidance. 85 61.2% 27.1% 9.4% 2.4% 3. Your overall experience. 84 64.3% 33.3% 2.4% 0.0% 3. 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%	Writing preparation.	85	42.4%	45	.9%	9.4%	2.4%	3.3
Your overall experience. 84 64.3% 33.3% 2.4% 0.0% 3. 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. 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%	Connections to the rest of your academics.	85	44.7%	47	.1%	8.2%	0.0%	3.4
Indicate whether or not you participated in each of the following while enrolled at UMass Amherst: (N) Yes No Study abroad. Study abroad. Community service or volunteer work. Practicum, internship, field or coop experience, clinical assignment. Research with faculty outside of course/program requirements.	Career preparation and guidance.	85	61.2%	27	.1%	9.4%	2.4%	3.5
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. Research with faculty outside of course/program requirements. (N) Yes No 98.8% 4 35.7% 64.3	Your overall experience.	84	64.3%	33	.3%	2.4%	0.0%	3.0
while enrolled at UMass Amherst:(N)YesNoStudy abroad.851.2%98.8%Community service or volunteer work.8435.7%64.3%Practicum, internship, field or coop experience, clinical assignment.8577.6%22.4%Research with faculty outside of course/program requirements.8523.5%76.5%	EDUCATIONAL EXPERIENCES							
Community service or volunteer work. Practicum, internship, field or coop experience, clinical assignment. Research with faculty outside of course/program requirements. 84 35.7% 64.3% 77.6% 22.4% 76.5%	Indicate whether or not you participated in each of twhile enrolled at UMass Amherst:	the followin	ng .	(N)	Yes	5 N	<u>lo</u>	
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%	Study abroad.			85	1.2%	98.89	%	
Research with faculty outside of course/program requirements. 85 23.5% 76.5%	Community service or volunteer work.			84	35.7%	64.3	%	
· · · · · · · · · · · · · · · · · · ·	Practicum, internship, field or coop experience, clinic	85	77.6%	22.49	%			
Culminating senior experience. 85 96.5% 3.5%	Research with faculty outside of course/program rec	quirements.		85	23.5%	76.5	%	
	Culminating senior experience.			85	96.5%	3.59	%	

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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: EMPLO	YMENT	STATUS**					
Franks was at the base	(NI)	Accepted a full-time,	Accepted a part-time,	full-time	e, part-time	, seeking p	oaid
Employment status	(N)	paid job	paid job	paid jol	b paid jol	o employm	ent Other
Which of the following best describe(s) your employment status post-graduation?	80	55.0%	3.8%	30.0%	6 0.0%	6 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	
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, V ME, or N			er U.S. (ocation	Outside the U.S.
If you have accepted a paid job, what is the location of your job?	43	74.4%	14.0	% 4	1.7%	7.0%	0.0%
POST-GRADUATION: PLANS	FOR G	RADUATE SO	CHOOL**				
		Will		ll be			
Plans for graduate school	(N	enrolled ne) year full-tin				mmediate s to enroll	
Which best describes your plans for graduate school post-graduation?	7.	2 16.7	% 4	.2%	23.6%	55.6%	
		_	ther sters Law	Medical or Veterinary		Other Doctoral	
Graduate degree	(N)	MBA deg	gree degree	degree	PhD or EdD	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%	

^{**}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 Computer Systems Engineering

Computer Systems Engineering
Graduates (Calendar Year 2017): 41
Survey Respondents: 32
Response Rate: 78.0%

		Very	Somew	hat	Somewhat	Very	
		Satisfied	Satis		Dissatisfied	Dissatisfied	Iten
Overall experience	(N)	(4)		(3)	(2)	(1)	Mear
How satisfied are you with your UMass Amherst experience OVERALL?	32	65.6%	31.	3%	0.0%	3.1%	3.0
Rate your satisfaction with each of the following		Very Satisfied	Somew Satis	fied [Somewhat Dissatisfied	Very Dissatisfied	Iten
aspects of your major:	(N)	(4)		(3)	(2)	(1)	Mear
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 while enrolled at UMass Amherst:	the followin	ng	(N)	Υe	es 1	No	
Study abroad.			32	3.19	6 96.9	%	
Community service or volunteer work.			32	46.99	% 53.1	%	
Practicum, internship, field or coop experience, clinic	cal assignm	ent.	32	75.09	% 25.0	%	
Research with faculty outside of course/program rec	quirements.		32	25.09	% 75.0	%	
Culminating senior experience.	32	93.89	% 6.3	0/2			

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: EMPLO	VMEN	r ctatuc*	*						
TOST-GRADUATION. EMPLO		Accepted a full-time	a A	ccepted a	ful	king a I-time,	Seeking part-tim	e, seeking	paid
Employment status	(N)	paid jol)	paid job) pa	aid job	paid jo	ob employ	ment Othe
Which of the following best describe(s) your employment status post-graduation?	29	58.6%	, 0	6.9%	.	24.1%	0.0	% 1	0.3% 0.09
Annual salary	(N)	Less than \$30,000		000 to 39,000	\$40,000 \$49,0		50,000 to \$59,000	\$60,000 \$69,00	
If you have accepted a paid job, what is your approximate annual salary?	17	5.9%		0.0%	0.0)%	0.0%	29.49	% 64.79
Location	(N)	Massachuse	tts	CT, RI, V ME, or N	•	NY or I		ner U.S. location	Outside the U.S.
If you have accepted a paid job, what is the location of your job?	19	73.7	7%	5.3	%	10.5	%	10.5%	0.0%
POST-GRADUATION: PLANS	FOR G	RADUATE	SCHO	OL**					
Plans for graduate school	1)	enrolled		Wi enrolled : ear part-t		an to en e next 2		immediate ns to enroll	
Which best describes your plans for graduate school post-graduation?	2	28 7	'.1%	10	.7%	2	1.4%	60.7%	
Conductor de sous	(NI)		Other	Lav		nary)	Other Doctoral	
Graduate degree	(N)	MBA d	legree	degree	e de	gree F	PhD or EdD	degree	
If you will attend graduate school this fall, what graduate degree will you be seeking?	3	33.3%	66.7%	0.0%	o (0.0%	0.0%	0.0%	

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2017 UMass Amherst Graduating Senior Survey Program Level Results Electrical Engineering

Electrical Engineering
Graduates (Calendar Year 2017): 66
Survey Respondents: 53
Response Rate: 80.3%

		Very	Somewhat	Somewhat	Very	
		Satisfied	Satisfied	Dissatisfied	Dissatisfied	Item
Overall experience	(N)	(4)	(3)	(2)	(1)	Mean
How satisfied are you with your UMass Amherst experience OVERALL?	53	69.8%	30.2%	0.0%	0.0%	3.7
Data was a stick stick with and at the fallowing		Very	Somewhat	Somewhat	Very	Th
Rate your satisfaction with each of the following aspects of your major:	(N)	Satisfied (4)	Satisfied (3)	Dissatisfied (2)	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 followir	ng				
while enrolled at UMass Amherst:	the followin	ng	(N)	Yes 1	No	

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%

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: EMPLO	TIMENT						
		Accepted a full-time,	Accepted a				
Employment status	(N)	paid job	part-time paid jol		,		
<u>'</u>	(11)	paid Job	paid joi	paid joi	paid joi	o ciripioyiric	in Our
Which of the following best describe(s) your employment							
status post-graduation?	51	52.9%	2.0%	6 33.3%	6 0.0%	6 2.0	9.8
	(81)	Less than	\$30,000 to	\$40,000 to	\$50,000 to	\$60,000 to	\$70,000
Annual salary	(N)	\$30,000	\$39,000	\$49,000	\$59,000	\$69,000	mo
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
saidi y :	22	T.J /0	0.0 /0	7.5 /0	7.5 70	22.7 70	05.0
			CT, RI, \	/T.	Othe	er U.S. O	utside the
Location	(N)	Massachusetts		•	or NJ lo	ocation	U.S.
If you have accepted a paid job,	-						
what is the location of your job?	24	75.0%	20.8	3% ().0%	4.2%	0.0%
POST-GRADUATION: PLANS	FOD GE	ADUATE SO	CHOOL**				
FOST-GRADOATION. FLANS	I OK GI	Will		ill be			
		enrolled ne			enroll in No i	mmediate	
Plans for graduate school	(N)				2 years plan	s to enroll	
Which best describes your plans for							
graduate school post-graduation?	44	22.7	% (0.0%	25.0%	52.3%	
		0	ther	Medical or		Other	
		-	itner sters Lav			Doctoral	
Graduate degree	(N)		gree degree	•	PhD or EdD	degree	
If you will attend graduate school		•			•		
this fall, what graduate degree will	_						
you be seeking?	9	0.0% 77	.8% 0.0%	6 0.0%	22.2%	0.0%	

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2017 UMass Amherst Graduating Senior Survey Departmental Results Mechanical and Industrial Engineering Graduates (Calendar Year 2017): 191 Survey Respondents: 146

Response Rate: 76.4%

		Very	Somewh		mewhat	Very	The
Overall experience	(N)	Satisfied (4)	Satisfi (3) DIS	satisfied (2)	Dissatisfied (1)	Iten Mear
How satisfied are you with your UMass Amherst		<u> </u>	`	<i>/</i>			
experience OVERALL?	144	63.2%	31.9	%	4.2%	0.7%	3.6
		Very	Somewh		mewhat	Very	
Rate your satisfaction with each of the following	(NI)	Satisfied	Satisfie		satisfied	Dissatisfied	Iten
aspects of your major:	(N)	(4)		3)	(2)	(1)	Mear
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 while enrolled at UMass Amherst:	the followin	ng	(N)	Yes	١	No	
Study abroad.			145	4.1%	95.9		
Community service or volunteer work.			146	43.8%	56.2		
Practicum, internship, field or coop experience, clini	cal assignm	ent.	146	78.8%	21.2		
Research with faculty outside of course/program re	_		144	27.8%	72.2	%	
Culminating senior experience.	145	93.8%	6.2	%			

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: EMPLO	YMENT	STATUS**					
		Accepted a	Accepted a				
Formula was such about to	(NI)	full-time,	part-time				
Employment status	(N)	paid job	paid job	paid jo	b paid jol	o employm	ent Other
Which of the following best describe(s) your employment status post-graduation?	140	46.4%	1.4%	5 36.4%	% 2.9%	6 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	
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, V ME, or N			er U.S. Cocation	Outside the U.S.
If you have accepted a paid job, what is the location of your job?	63	47.6%	33.3	3%	9.5%	9.5%	0.0%
POST-GRADUATION: PLANS	FOR G	RADUATE SO	CHOOL**				
		Will		ll be	_		
Plans for graduate school	(N)	enrolled ne) year full-tin				mmediate s to enroll	
Which best describes your plans for graduate school post-graduation?	126	5 11.1	% 3	.2%	34.9%	50.8%	
		_	ther sters Lav	Medical or Veterinary		Other Doctoral	
Graduate degree	(N)	MBA deg	gree degree	e degree	PhD or EdD	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

Industrial Engineering
Graduates (Calendar Year 2017): 22
Survey Respondents: 16
Response Rate: 72.7%

SATISFACTION WITH UMASS AMHERST AND YOUR MAJOR									
Overall experience	(N)	Very Satisfied (4)	Somewhat Satisfied (3)	Somewhat Dissatisfied (2)	Very Dissatisfied (1)	Item Mean			
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 while enrolled at UMass Amherst:	the followin	ng	(N)	Yes I	<u>No</u>				

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%

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: EMPLO	YMENT	STATUS**						
Employment status	(N)	Accepted a full-time, paid job	pa	epted a art-time, paid job	Seeking a full-time paid jol	e, part-tim	e, seeking	paid
Which of the following best	(11)	paid job	<u> </u>	paia job	paid jo	para j	ob cimpioyii	Tierre Ger
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	\$30,00 \$39	00 to	\$40,000 to \$49,000	\$50,000 to \$59,000	\$60,000 to	
If you have accepted a paid job, what is your approximate annual salary?	10	0.0%	10	.0%	0.0%	0.0%	50.0%	5 40.0°
Location	(N)	Massachusett		T, RI, VI ME, or Ni			ner U.S. location	Outside the U.S.
If you have accepted a paid job, what is the location of your job?	11	45.5%	6	36.4°	%	9.1%	9.1%	0.0%
POST-GRADUATION: PLANS	FOR GI	RADUATE S	СНООІ	L**				
Plans for graduate school	(N	Will enrolled no) year full-ti	ext er	Will nrolled n ar part-ti	ext Plan to		immediate ns to enroll	
Which best describes your plans for graduate school post-graduation?	1!	5 0.0)%	13.	3%	46.7%	40.0%	
		Ma	Other sters	Law	Medical or Veterinary		Other Doctoral	
Graduate degree	(N)	MBA de	gree	degree	degree	PhD or EdD	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%	0.0%	

^{**}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 Mechanical Engineering

Mechanical Engineering
Graduates (Calendar Year 2017): 169
Survey Respondents: 130
Response Rate: 76.9%

SATISFACTION WITH UMASS AMHERST	AND YOU	JR MAJOR				
Overall experience	(N)	Very Satisfied (4)	Somewhat Satisfied (3)	Somewhat Dissatisfied (2)	Very Dissatisfied (1)	Item Mean
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 t	he followin	ng				

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%

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: EMPLO			Accepted a	Sooking	Sooking :	a Will NOT	ho
		Accepted a full-time,	Accepted a part-time,	Seeking a full-time			
Employment status	(N)	paid job	paid job				
Which of the following best describe(s) your employment status post-graduation?	124	44.4%	0.8%		, ,	· · ·	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 o
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, V ME, or N	•		er U.S. O ocation	outside the U.S.
If you have accepted a paid job, what is the location of your job?	52	48.1%	32.7	% 9	0.6%	9.6%	0.0%
POST-GRADUATION: PLANS	FOR GF	RADUATE SO	CHOOL**				
Plans for graduate school	(N)	Will enrolled ne) year full-tin	xt enrolled r			mmediate s to enroll	
Which best describes your plans for graduate school post-graduation?	111	l 12.6	% 1	.8%	33.3%	52.3%	
Cuaduate desues	(A1)	Mas	ther sters Law	,		Other Doctoral	
Graduate degree	(N)	MBA deg	gree degree	degree	PhD or EdD	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.