



Marshall Graduation Survey Report

College of Science

Academic Year 2016 – 2017

Q1 - Family Status

#	Answer	%	Count
4	Single, with children	3.41%	3
3	Single, no children	90.91%	80
2	Married, with children	4.55%	4
1	Married, no children	1.14%	1
	Total	100%	88

Q2 - Residence at time of admission

#	Answer	%	Count
1	In-State	74.16%	66
2	Metro	12.36%	11
3	Out-of-State	13.48%	12
	Total	100%	89

Q3 - Number of semesters enrolled to complete your degree (Note: One semester is equal to fall, spring, or summer, resulting in the potential for three semesters in one year)

#	Answer	%	Count
1	Fewer than 8 semesters	19.32%	17
2	8 semesters	39.77%	35
3	9 semesters	13.64%	12
4	10 semesters	12.50%	11
5	11 semesters	2.27%	2
6	12 semesters	4.55%	4
7	13 semesters	2.27%	2
8	14 semesters	0.00%	0
9	15 semesters	1.14%	1
10	16 semesters	1.14%	1
11	17 semesters	0.00%	0
12	18 semesters	1.14%	1
13	19 semesters	0.00%	0
14	20 semesters	0.00%	0
15	More than 20 semesters	2.27%	2
	Total	100%	88

Q4 - While pursuing your degree, did you

#	Answer	%	Count
1	Originally enroll and stay at Marshall	82.02%	73
2	Transfer from a 2-year institution or community college	7.87%	7
3	Transfer from another 4-year institution	10.11%	9
	Total	100%	89

Q5 - During the last year of your studies, how many hours a week did you work while attending classes?

#	Answer	%	Count
1	None	19.10%	17
2	1 - 10	14.61%	13
3	11 - 20	33.71%	30
4	21 - 30	19.10%	17
5	More than 30	13.48%	12
	Total	100%	89

Q6 - Which of the following best describes your educational objective while attending Marshall University?

#	Answer	%	Count
1	Begin my first career	91.01%	81
2	Advance in current career	2.25%	2
3	Change career	5.62%	5
4	Non-career objective	1.12%	1
	Total	100%	89

Q7 - Upon graduation, what was the dollar amount of your educational loan indebtedness?

#	Answer	%	Count
1	No indebtedness	35.96%	32
2	Up to \$4,999	4.49%	4
3	\$5,000 - \$9,999	7.87%	7
4	\$10,000 - \$14,999	11.24%	10
5	\$15,000 - \$19,999	10.11%	9
6	Over \$20,000	30.34%	27
	Total	100%	89

Q8 - Did you take part in an internship, practicum or other structured work experience related to your major and anticipated career?

#	Answer	%	Count
1	Yes	56.18%	50
2	No	43.82%	39
	Total	100%	89

Q9 - If you answered "yes" to the previous question, did that experience increase your ability to secure employment or employment offers?

#	Answer	%	Count
1	Yes	62.00%	31
2	No	10.00%	5
3	Insufficient information to answer this question	28.00%	14
	Total	100%	50

Q10 - When I graduate from Marshall University I plan to (check all that apply)

#	Answer	%	Count
1	Attend graduate school	32.45%	61
2	Complete additional undergraduate coursework	1.06%	2
3	Continue to work at the same job I have at present	7.45%	14
4	Enter the military	1.60%	3
5	Work for a private sector company or corporation in a position related to my field of study.	10.11%	19
6	Work for a private sector company or corporation in a position NOT related to my field of study.	2.13%	4
7	Work for a local, state, or federal agency in a position related to my field of study.	12.23%	23
8	Work for a local, state, or federal agency in a position NOT related to my field of study.	2.13%	4
9	Work for a non-profit organization, e.g. hospital, university, public school, etc. in a position related to my field of study.	7.98%	15
10	Work for a non-profit organization, e.g. hospital, university, public school, etc. in a position NOT related to my field of study.	1.06%	2

11	Work for a volunteer or service organization, e.g. Peace Corps, AmeriCorps, City Year, etc.	3.19%	6
12	Begin my own business	2.13%	4
13	Start or raise a family	4.79%	9
14	Take time off (to travel, etc.)	5.85%	11
15	Undecided or no plans	3.19%	6
16	Other	2.66%	5
	Total	100%	188

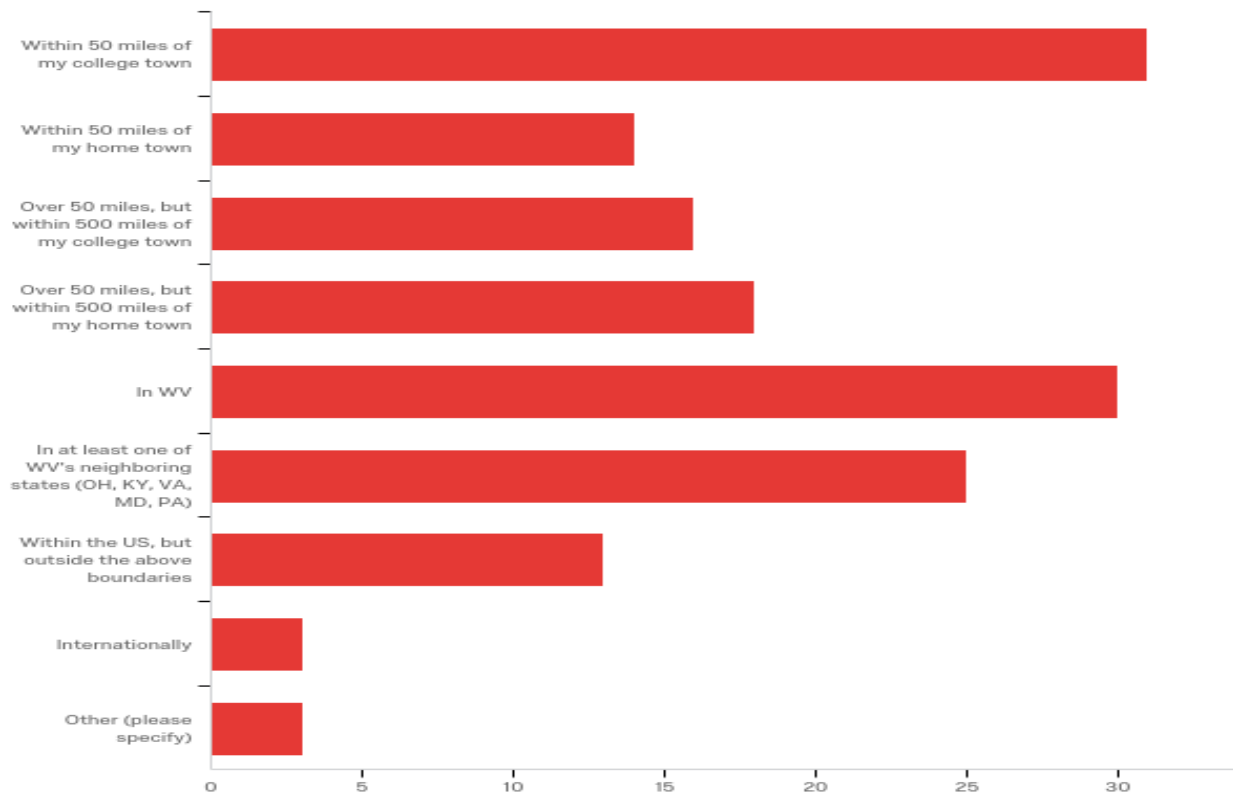
Other

Attend professional school

Attend medical school

Disney College Program

Q11 - If you plan to continue your education and have applied to institutions of higher education, please check all that apply: I have applied to institutions of higher education



#	Answer	%	Count
1	Within 50 miles of my college town	20.26%	31
2	Within 50 miles of my home town	9.15%	14
3	Over 50 miles, but within 500 miles of my college town	10.46%	16
4	Over 50 miles, but within 500 miles of my home town	11.76%	18
5	In WV	19.61%	30
6	In at least one of WV's neighboring states (OH, KY, VA, MD, PA)	16.34%	25
7	Within the US, but outside the above boundaries	8.50%	13
8	Internationally	1.96%	3
9	Other (please specify)	1.96%	3
	Total	100%	153

Other (please specify)

Marshall

I don't know yet

n/a

Q12 - Have you been accepted by a higher-level educational program?

#	Answer	%	Count
1	Yes	53.33%	32
2	No	46.67%	28
	Total	100%	60

Q13 - If you have been accepted by a higher level institution, what institution do you plan to attend?

If you have been accepted by a higher level institution, what institution d...

Undecided

University of Miami

Marshall University School of Pharmacy

Joan C. Edwards School of Medicine

If accepted, University of Kentucky or Middle Tennessee State University

Marshall University School of Pharmacy

Joan C. Edwards School of Medicine Biomedical Sciences Program

MUSOP

Mercer University

Georgia Institute of Technology

Marshall

University of Illinois at Urbana Champaign

Towson University

Joan C Edwards School of Medicine

University of Illinois at Chicago

Joan C. Edward's School of Medicine

Marshall University

Not sure yet. Have been accepted to the University of Baltimore and Golden Gate Law so far.

Elon University School of Law

Marshall University School of Pharmacy

WVSOM

Marshall University

Marshall University School of Pharmacy

Marshall university school of medicine

West Virginia University School of Medicine

West Virginia School of Osteopathic Medicine

Marshall University Joan C. Edwards School of Medicine

University of Cincinnati College of Medicine

Marshall University

Q14 - While pursuing my degree at Marshall University

#	Question	Strongly Agree		Agree		Neither Agree nor Disagree		Disagree		Strongly Disagree	
1	I developed the ability to write effectively.	6.69%	37	6.78%	45	4.96%	7	0.00%	0	0.00%	0
2	I used numerical information to explore real world problems.	5.79%	32	6.93%	46	5.67%	8	5.45%	3	0.00%	0
3	I learned to evaluate information critically and to use it effectively.	7.59%	42	6.63%	44	2.13%	3	0.00%	0	0.00%	0
4	I gained expertise in the use of technology important in my field of study.	5.97%	33	6.33%	42	6.38%	9	9.09%	5	0.00%	0
5	I acquired sufficient skills and knowledge to prepare for career-related positions.	5.61%	31	6.63%	44	7.80%	11	5.45%	3	0.00%	0
6	I developed the ability to express myself effectively through speaking.	5.24%	29	6.48%	43	9.22%	13	3.64%	2	11.11%	1
7	I developed multicultural and global perspectives.	5.24%	29	5.42%	36	10.64%	15	16.36%	9	0.00%	0
8	Writing intensive courses helped me to improve my writing skills.	4.88%	27	5.72%	38	9.22%	13	12.73%	7	44.44%	4
9	My classes challenged me to analyze and evaluate issues and to solve real-world problems in a manner that is ethical and supportive of our civic well-being.	6.15%	34	6.33%	42	6.38%	9	7.27%	4	0.00%	0
10	I broadened my appreciation for the arts.	3.25%	18	5.27%	35	12.06%	17	30.91%	17	22.22%	2
11	My capstone course challenged me to do my best work.	8.32%	46	3.92%	26	7.09%	10	9.09%	5	22.22%	2
12	I learned to examine issues from multiple perspectives.	7.59%	42	5.87%	39	5.67%	8	0.00%	0	0.00%	0
13	I learned to use what I know to solve novel problems.	5.97%	33	7.38%	49	4.26%	6	0.00%	0	0.00%	0
14	I learned to assess my own values and to	7.41%	41	6.78%	45	2.13%	3	0.00%	0	0.00%	0

	examine other viewpoints and credible evidence.										
15	I determined how to improve my own learning and to engage in lifelong learning.	6.33%	35	7.08%	47	4.96%	7	0.00%	0	0.00%	0
16	I used knowledge from more than one area of study to explore issues or to solve problems.	7.96%	44	6.48%	43	1.42%	2	0.00%	0	0.00%	0
	Total	Total	553	Total	664	Total	141	Total	55	Total	9

NOTE: Strongly Agree = 1 and Strongly Disagree = 5, so lower means are more positive than higher means. This is true for all Likert Scale Items.

Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
I developed the ability to write effectively.	1.00	3.00	1.66	0.62	0.38	89
I used numerical information to explore real world problems.	1.00	4.00	1.80	0.74	0.54	89
I learned to evaluate information critically and to use it effectively.	1.00	3.00	1.56	0.56	0.31	89
I gained expertise in the use of technology important in my field of study.	1.00	4.00	1.84	0.82	0.67	89
I acquired sufficient skills and knowledge to prepare for career-related positions.	1.00	4.00	1.84	0.76	0.58	89
I developed the ability to express myself effectively through speaking.	1.00	5.00	1.90	0.81	0.66	88
I developed multicultural and global perspectives.	1.00	4.00	2.04	0.95	0.90	89
Writing intensive courses helped me to improve my writing skills.	1.00	5.00	2.13	1.07	1.15	89
My classes challenged me to analyze and evaluate issues and to solve real-world problems in a manner that is ethical and supportive of our civic well-being.	1.00	4.00	1.81	0.79	0.63	89
I broadened my appreciation for the arts.	1.00	5.00	2.44	1.08	1.17	89

My capstone course challenged me to do my best work.	1.00	5.00	1.78	1.00	1.01	89
I learned to examine issues from multiple perspectives.	1.00	3.00	1.62	0.64	0.42	89
I learned to use what I know to solve novel problems.	1.00	3.00	1.69	0.59	0.35	88
I learned to assess my own values and to examine other viewpoints and credible evidence.	1.00	3.00	1.57	0.56	0.31	89
I determined how to improve my own learning and to engage in lifelong learning.	1.00	3.00	1.69	0.61	0.37	89
I used knowledge from more than one area of study to explore issues or to solve problems.	1.00	3.00	1.53	0.54	0.29	89

Q15 - Now that I have completed my degree,

#	Question	Strongly Agree		Agree		Neither Agree nor Disagree		Disagree		Strongly Disagree	
1	I feel adequately prepared for a career and/or graduate or professional study in my major field.	18.44%	26	28.95%	44	27.66%	13	40.00%	6	0.00%	0
2	I believe that Marshall University's program in my major field is of high quality.	24.82%	35	26.97%	41	19.15%	9	26.67%	4	0.00%	0
3	I would recommend to others that they study the same program at Marshall.	26.95%	38	23.68%	36	25.53%	12	20.00%	3	0.00%	0
4	I would recommend Marshall to prospective students.	29.79%	42	20.39%	31	27.66%	13	13.33%	2	100.00%	1
	Total	Total	141	Total	152	Total	47	Total	15	Total	1

Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
I feel adequately prepared for a career and/or	1.00	4.00	1.99	0.84	0.71	89

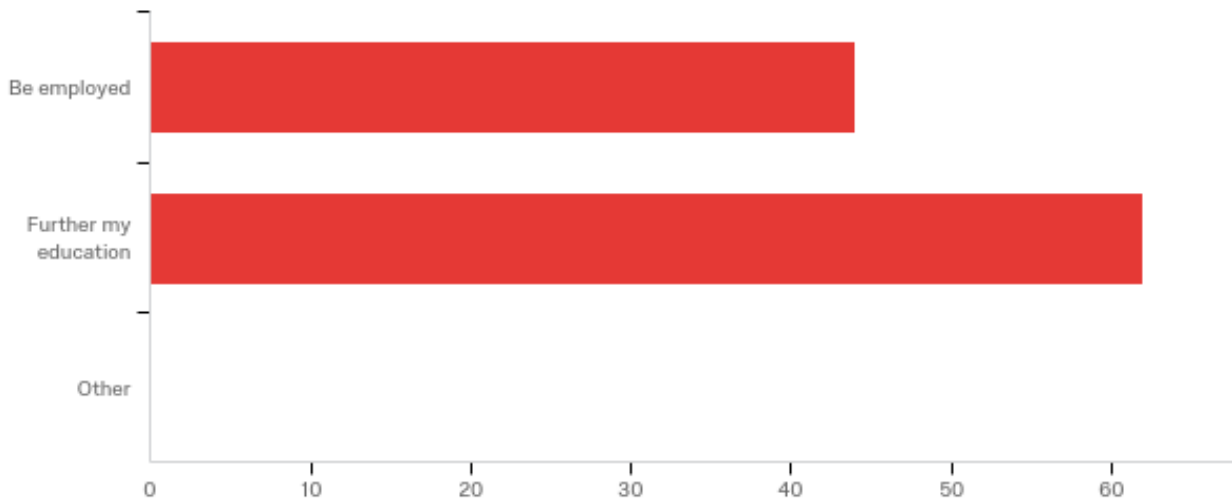
graduate or professional study in my major field.						
I believe that Marshall University's program in my major field is of high quality.	1.00	4.00	1.80	0.80	0.63	89
I would recommend to others that they study the same program at Marshall.	1.00	4.00	1.78	0.80	0.65	89
I would recommend Marshall to prospective students.	1.00	5.00	1.75	0.86	0.75	89

Q16 - Please rate your level of satisfaction with the quality of the following at Marshall:

#	Question	Very Satisfied		Satisfied		Neutral		Dissatisfied		Very Dissatisfied	
1	Teaching	42.31%	44	30.16%	38	9.68%	6	2.44%	1	0.00%	0
2	Advising	14.42%	15	12.70%	16	22.58%	14	60.98%	25	81.82%	18
3	Academic Support Services	17.31%	18	26.19%	33	46.77%	29	17.07%	7	9.09%	2
4	Classroom/Lab Facilities	25.96%	27	30.95%	39	20.97%	13	19.51%	8	9.09%	2
	Total	Total	104	Total	126	Total	62	Total	41	Total	22

Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
Teaching	1.00	4.00	1.60	0.67	0.44	89
Advising	1.00	5.00	3.17	1.39	1.94	88
Academic Support Services	1.00	5.00	2.35	0.96	0.92	89
Classroom/Lab Facilities	1.00	5.00	2.09	1.00	1.00	89

Q17 - When I graduate, I plan to



#	Answer	%	Count
1	Be employed	41.51%	44

2	Further my education	58.49%	62
3	Other	0.00%	0
	Total	100%	106

Other

Q18 - If you plan to be employed after graduation, will your job be in the career path you have chosen?

#	Answer	%	Count
1	Yes	63.64%	28
2	No	2.27%	1
3	Don't know yet	34.09%	15
	Total	100%	44

Q19 - If you plan to be employed after graduation, will your job be in your major field?

#	Answer	%	Count
1	Yes	56.82%	25
2	No	6.82%	3
3	Don't know yet	36.36%	16
	Total	100%	44

Q20 - If you plan to be employed after graduation, will your job be

#	Answer	%	Count
1	In WV?	56.82%	25
2	In KY, OH, PA, VA, or MD?	22.73%	10
3	In a state other than one mentioned above?	20.45%	9
4	In a country other than the US?	0.00%	0
	Total	100%	44

Q21 - If you plan to be employed after graduation, will your job be (choose all that apply):

#	Answer	%	Count
1	within 50 miles of your college town?	27.14%	19
2	within 50 miles of your home town?	18.57%	13
3	over 50 miles, but within 500 miles of your college town?	24.29%	17
4	over 50 miles, but within 500 miles of your home town?	15.71%	11
5	over 500 miles from your college town	5.71%	4
6	over 500 miles from your home town	8.57%	6
	Total	100%	70

Q22 - If you have accepted employment, what will be your starting salary?

#	Answer	%	Count
1	\$10,000 or less	0.00%	0
2	\$10,001 - \$15,000	0.00%	0
3	\$15,001 - \$20,000	0.00%	0
4	\$20,001 - \$25,000	9.30%	4
5	\$25,001 - \$30,000	4.65%	2
6	\$30,001 - \$35,000	4.65%	2
7	\$35,001 - \$40,000	2.33%	1
8	\$40,001 - \$45,000	2.33%	1
9	\$45,001 - \$50,000	4.65%	2
10	More than \$50,000	2.33%	1
11	I have not yet accepted employment	69.77%	30
	Total	100%	43

Q23 - For the position indicated above, who is your employer?

For the position indicated above, who is your employer?

WV State Police

None

Strictly Business Computer Systems

CGI

Disney

navy

Natural Resource Partners

Cabell county EMS

Branches Domestic Violence Shelter

Welding service

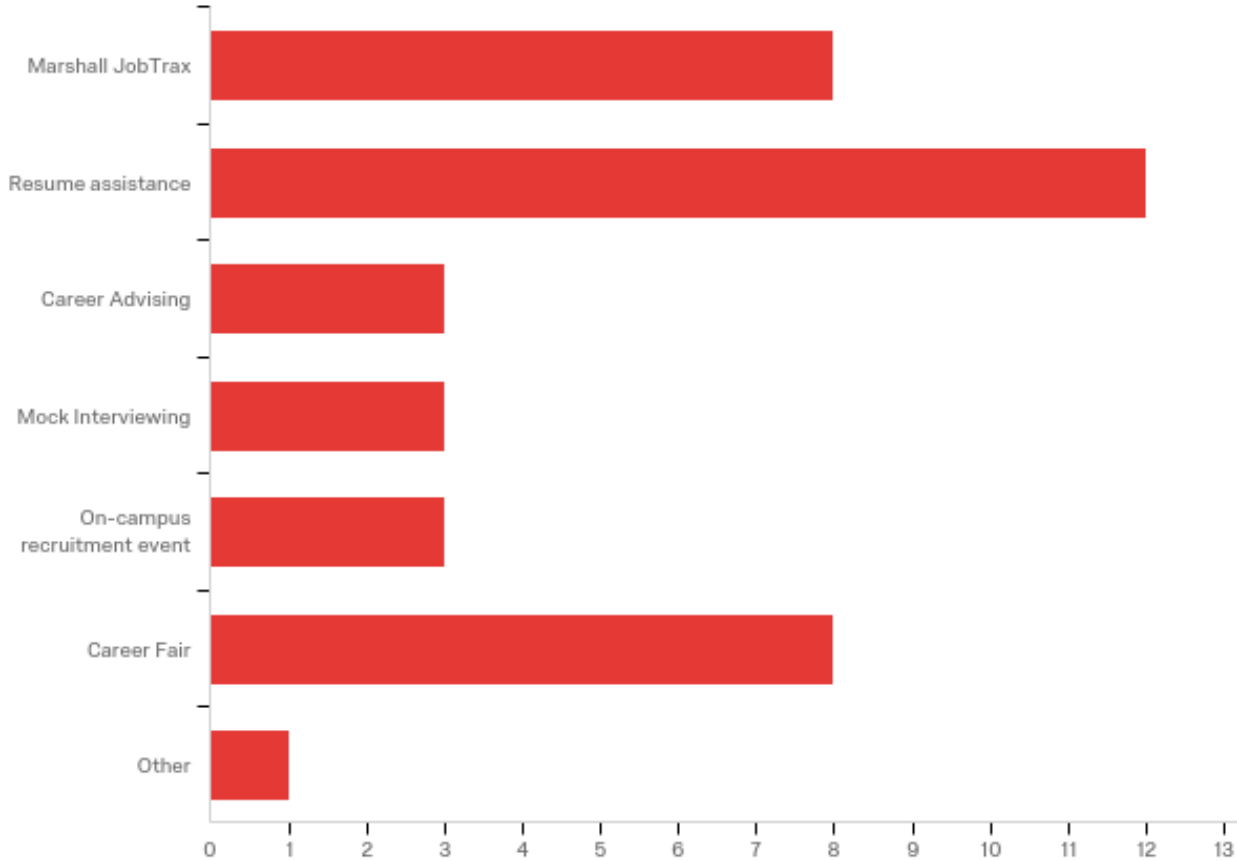
West Virginia Supreme Court

Army

Q24 - Did you use Career Services to help you with your career path?

#	Answer	%	Count
1	Yes	19.32%	17
2	No	80.68%	71
	Total	100%	88

Q25 - If you answered "yes" to the previous question, please indicate all services used.



#	Answer	%	Count
1	Marshall JobTrax	21.05%	8
2	Resume assistance	31.58%	12
3	Career Advising	7.89%	3
4	Mock Interviewing	7.89%	3
5	On-campus recruitment event	7.89%	3
6	Career Fair	21.05%	8
7	Other	2.63%	1
	Total	100%	38

Other

Research Advising

Q26 - Please indicate your level of satisfaction with these elements of your experience in the College of Science:

#	Question	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied					
1	Availability and quality of academic advising	11.63%	15	13.53%	23	16.30%	15	62.07%	18	70.83%	17
2	Availability of courses	10.08%	13	24.12%	41	23.91%	22	27.59%	8	20.83%	5
3	Responsiveness to students with special needs	18.60%	24	13.53%	23	45.65%	42	0.00%	0	0.00%	0
4	Professionalism/Scholarship of faculty	31.01%	40	21.76%	37	9.78%	9	3.45%	1	8.33%	2
5	Development of critical thinking skills	28.68%	37	27.06%	46	4.35%	4	6.90%	2	0.00%	0
	Total	Total	129	Total	170	Total	92	Total	29	Total	24

Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
Availability and quality of academic advising	1.00	5.00	2.99	1.39	1.92	88
Availability of courses	1.00	5.00	2.45	1.03	1.06	89
Responsiveness to students with special needs	1.00	3.00	2.20	0.84	0.70	89
Professionalism/Scholarship of faculty	1.00	5.00	1.74	0.85	0.73	89
Development of critical thinking skills	1.00	4.00	1.67	0.67	0.44	89

Q27 - Please indicate your level of satisfaction with these elements of your experience in the Geology Program.

#	Question	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied
1	Quality of faculty (teaching effectiveness)	0.00%	25.00%	11.11%	0.00%	0.00%
2	Quality of facilities	0.00%	0.00%	22.22%	0.00%	0.00%
3	Fairness and effectiveness of methods of evaluation for students' performance in coursework	0.00%	25.00%	11.11%	0.00%	0.00%
4	Availability and effectiveness of faculty for advising	0.00%	0.00%	11.11%	25.00%	0.00%
5	Flexibility/relevance of curriculum for specific career tasks	0.00%	25.00%	0.00%	0.00%	100.00%
6	Availability of necessary courses in order to complete degree requirements	0.00%	0.00%	0.00%	50.00%	0.00%
7	Development of critical thinking skills	0.00%	25.00%	11.11%	0.00%	0.00%
8	Development of writing skills in the discipline	0.00%	0.00%	22.22%	0.00%	0.00%
9	The college/department is equally supportive of women and men	50.00%	0.00%	11.11%	0.00%	0.00%
10	The college/department is equally supportive of all racial/ethnic groups	50.00%	0.00%	0.00%	25.00%	0.00%
	Total	Total	Total	Total	Total	Total

Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
Quality of faculty (teaching effectiveness)	2.00	3.00	2.50	0.50	0.25	2
Quality of facilities	3.00	3.00	3.00	0.00	0.00	2
Fairness and effectiveness of methods of evaluation for students' performance in coursework	2.00	3.00	2.50	0.50	0.25	2
Availability and effectiveness of faculty for advising	3.00	4.00	3.50	0.50	0.25	2

Flexibility/relevance of curriculum for specific career tasks	2.00	5.00	3.50	1.50	2.25	2
Availability of necessary courses in order to complete degree requirements	4.00	4.00	4.00	0.00	0.00	2
Development of critical thinking skills	2.00	3.00	2.50	0.50	0.25	2
Development of writing skills in the discipline	3.00	3.00	3.00	0.00	0.00	2
The college/department is equally supportive of women and men	1.00	3.00	2.00	1.00	1.00	2
The college/department is equally supportive of all racial/ethnic groups	1.00	4.00	2.50	1.50	2.25	2

Q28 - Please indicate your level of satisfaction with these elements of your experience in the Physics or Physical Science Program.

#	Question	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied			
1	The required courses in my major were valuable and relevant and have provided the basic knowledge necessary to advance to the next state in my career.	33.33%	1	0.00%	0	0.00%	0	0.00%	0
2	The professors in Physics and Physical Science were knowledgeable and competent.	0.00%	0	25.00%	1	0.00%	0	0.00%	0
3	The professors in Physics and Physical Science in both lab and lecture courses were accessible and helpful.	0.00%	0	25.00%	1	0.00%	0	0.00%	0
4	The physics labs were valuable in improving my understanding of concepts; in developing experimental skills; including the lab use of computers and improving my writing skills.	0.00%	0	0.00%	0	50.00%	1	0.00%	0
5	The attitude of professors in the Physics and Physical Science Department towards minorities/women/white males was fair and free of prejudice.	33.33%	1	0.00%	0	0.00%	0	0.00%	0

6	The courses in the major have helped me develop my thinking and analytical abilities.	0.00%	0	25.00%	1	0.00%	0	0.00%	0	0.00%	0
7	Required courses for my major still gave me the opportunity to take other classes that seemed interesting and beneficial.	0.00%	0	0.00%	0	50.00%	1	0.00%	0	0.00%	0
8	I would recommend MU to a friend who wished to major in Physics.	0.00%	0	0.00%	0	0.00%	0	100.00%	1	0.00%	0
9	The labs were well-equipped so that there were few problems with too little or broken equipment.	0.00%	0	25.00%	1	0.00%	0	0.00%	0	0.00%	0
10	The courses in the Physics Department have helped me to develop my thinking and analytical abilities.	33.33%	1	0.00%	0	0.00%	0	0.00%	0	0.00%	0
	Total	Total	3	Total	4	Total	2	Total	1	Total	0

Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
The required courses in my major were valuable and relevant and have provided the basic knowledge necessary to advance to the next state in my career.	1.00	1.00	1.00	0.00	0.00	1
The professors in Physics and Physical Science were knowledgeable and competent.	2.00	2.00	2.00	0.00	0.00	1
The professors in Physics and Physical Science in both lab and lecture courses were accessible and helpful.	2.00	2.00	2.00	0.00	0.00	1
The physics labs were valuable in improving my understanding of concepts; in developing experimental skills; including the lab use of computers and improving my writing skills.	3.00	3.00	3.00	0.00	0.00	1
The attitude of professors in the Physics and Physical	1.00	1.00	1.00	0.00	0.00	1

Science Department towards minorities/women/white males was fair and free of prejudice.						
The courses in the major have helped me develop my thinking and analytical abilities.	2.00	2.00	2.00	0.00	0.00	1
Required courses for my major still gave me the opportunity to take other classes that seemed interesting and beneficial.	3.00	3.00	3.00	0.00	0.00	1
I would recommend MU to a friend who wished to major in Physics.	4.00	4.00	4.00	0.00	0.00	1
The labs were well-equipped so that there were few problems with too little or broken equipment.	2.00	2.00	2.00	0.00	0.00	1
The courses in the Physics Department have helped me to develop my thinking and analytical abilities.	1.00	1.00	1.00	0.00	0.00	1

Q29 - Please indicate your level of satisfaction with these elements of your experience in the Biological Sciences Program.

#	Question	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied
1	The required courses in BSC were valuable and relevant preparation for advancing to the next stage of my career.	6.50% 8	10.39% 16	4.35% 2	13.64% 3	0.00% 0
2	There was a sufficient number and variety of elective courses in the Biological Science curriculum.	5.69% 7	6.49% 10	10.87% 5	27.27% 6	50.00% 1
3	BSC courses encourage thinking and analytic skills.	9.76% 12	9.74% 15	2.17% 1	4.55% 1	0.00% 0
4	BSC courses promote improved communication skills.	4.88% 6	7.14% 11	19.57% 9	13.64% 3	0.00% 0

5	BSC program provides adequate experience with and use of computers.	6.50%	8	8.44%	13	13.04%	6	9.09%	2	0.00%	0
6	Courses in BSC effectively integrate modern research activities with more traditional material.	6.50%	8	10.39%	16	10.87%	5	0.00%	0	0.00%	0
7	Lab activities for BSC were relevant and important to the development of difficult concepts.	7.32%	9	7.79%	12	8.70%	4	13.64%	3	50.00%	1
8	Lab activities for BSC courses provided active student involvement and participation for the development for the basic technical skills.	6.50%	8	12.34%	19	4.35%	2	0.00%	0	0.00%	0
9	Members of the BSC faculty appeared to be competent and knowledgeable in their fields.	13.82%	17	5.84%	9	6.52%	3	0.00%	0	0.00%	0
10	Members of the BSC faculty appeared to be fair and unbiased towards students regardless of race, gender, age and/or disability.	13.01%	16	5.84%	9	6.52%	3	0.00%	0	0.00%	0
11	Members of the BSC faculty were generally accessible and friendly.	8.94%	11	8.44%	13	6.52%	3	9.09%	2	0.00%	0
12	I would recommend Marshall University to a friend who wished to major in Biological Science.	10.57%	13	7.14%	11	6.52%	3	9.09%	2	0.00%	0
	Total	Total	123	Total	154	Total	46	Total	22	Total	2

Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
The required courses in BSC were valuable and relevant preparation for advancing	1.00	4.00	2.00	0.87	0.76	29

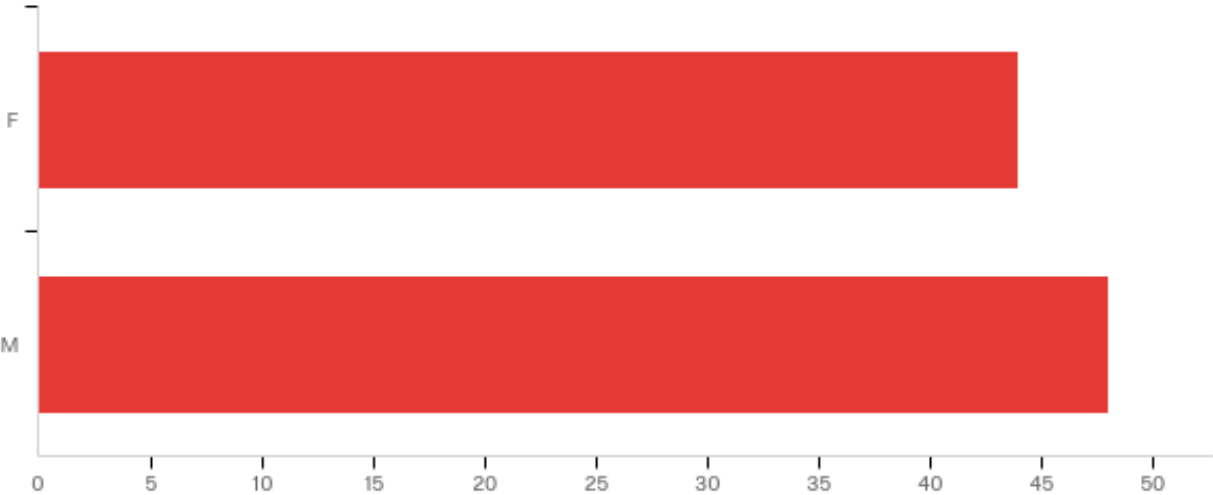
to the next stage of my career.						
There was a sufficient number and variety of elective courses in the Biological Science curriculum.	1.00	5.00	2.45	1.16	1.35	29
BSC courses encourage thinking and analytic skills.	1.00	4.00	1.69	0.70	0.49	29
BSC courses promote improved communication skills.	1.00	4.00	2.31	0.91	0.83	29
BSC program provides adequate experience with and use of computers.	1.00	4.00	2.07	0.87	0.75	29
Courses in BSC effectively integrate modern research activities with more traditional material.	1.00	3.00	1.90	0.66	0.44	29
Lab activities for BSC were relevant and important to the development of difficult concepts.	1.00	5.00	2.14	1.07	1.15	29
Lab activities for BSC courses provided active student involvement and participation for the development for the basic technical skills.	1.00	3.00	1.79	0.55	0.30	29
Members of the BSC faculty appeared to be competent and knowledgeable in their fields.	1.00	3.00	1.52	0.68	0.46	29
Members of the BSC faculty appeared to be fair and unbiased towards students regardless of race, gender, age and/or disability.	1.00	3.00	1.54	0.68	0.46	28
Members of the BSC faculty were generally accessible and friendly.	1.00	4.00	1.86	0.86	0.74	29
I would recommend Marshall University to a friend who wished to major in Biological Science.	1.00	4.00	1.79	0.89	0.78	29

Q30 - Please indicate your level of satisfaction with these elements of your experience in the Chemistry Program.

#	Question	Very Satisfied		Satisfied		Neutral		Dissatisfied		Very Dissatisfied	
1	There were sufficient number and variety of elective courses in the Chemistry curriculum.	1.75%	1	15.91%	7	0.00%	0	100.00%	2	100.00%	1
2	Chemistry courses encourage thinking and analytic skills.	12.28%	7	9.09%	4	0.00%	0	0.00%	0	0.00%	0
3	Chemistry courses promote improved communication skills.	10.53%	6	9.09%	4	16.67%	1	0.00%	0	0.00%	0
4	Chemistry program provides adequate experience with and use of computers.	8.77%	5	9.09%	4	33.33%	2	0.00%	0	0.00%	0
5	Lab activities for Chemistry courses were relevant and important to the development of difficult concepts.	8.77%	5	9.09%	4	33.33%	2	0.00%	0	0.00%	0
6	Lab activities for Chemistry courses provided active student involvement and participation for the development for the basic technical skills.	12.28%	7	6.82%	3	16.67%	1	0.00%	0	0.00%	0
7	Members of the Chemistry faculty appeared to be competent and knowledgeable in their fields.	12.28%	7	9.09%	4	0.00%	0	0.00%	0	0.00%	0
8	Members of the Chemistry faculty appeared to be fair and unbiased towards students regardless of race, gender, age and/or disability.	12.28%	7	9.09%	4	0.00%	0	0.00%	0	0.00%	0
9	Members of the Chemistry faculty were generally accessible and friendly.	10.53%	6	11.36%	5	0.00%	0	0.00%	0	0.00%	0
10	I would recommend Marshall University to a friend who wished to major in Chemistry.	10.53%	6	11.36%	5	0.00%	0	0.00%	0	0.00%	0
	Total	Total	57	Total	44	Total	6	Total	2	Total	1

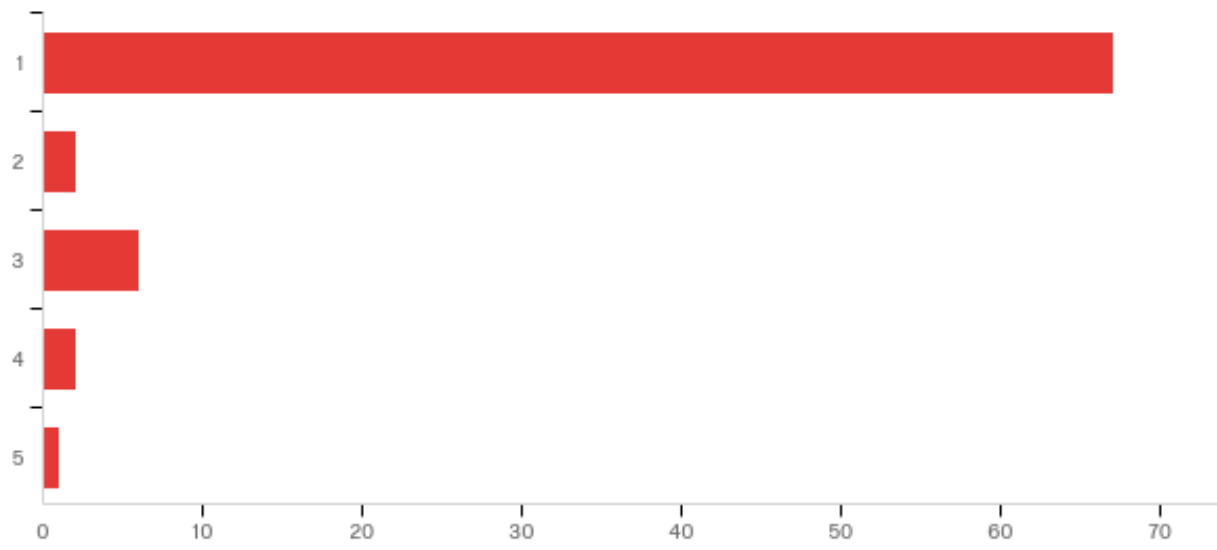
Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
There were sufficient number and variety of elective courses in the Chemistry curriculum.	1.00	5.00	2.55	1.16	1.34	11
Chemistry courses encourage thinking and analytic skills.	1.00	2.00	1.36	0.48	0.23	11
Chemistry courses promote improved communication skills.	1.00	3.00	1.55	0.66	0.43	11
Chemistry program provides adequate experience with and use of computers.	1.00	3.00	1.73	0.75	0.56	11
Lab activities for Chemistry courses were relevant and important to the development of difficult concepts.	1.00	3.00	1.73	0.75	0.56	11
Lab activities for Chemistry courses provided active student involvement and participation for the development for the basic technical skills.	1.00	3.00	1.45	0.66	0.43	11
Members of the Chemistry faculty appeared to be competent and knowledgeable in their fields.	1.00	2.00	1.36	0.48	0.23	11
Members of the Chemistry faculty appeared to be fair and unbiased towards students regardless of race, gender, age and/or disability.	1.00	2.00	1.36	0.48	0.23	11
Members of the Chemistry faculty were generally accessible and friendly.	1.00	2.00	1.45	0.50	0.25	11
I would recommend Marshall University to a friend who wished to major in Chemistry.	1.00	2.00	1.45	0.50	0.25	11

Gender



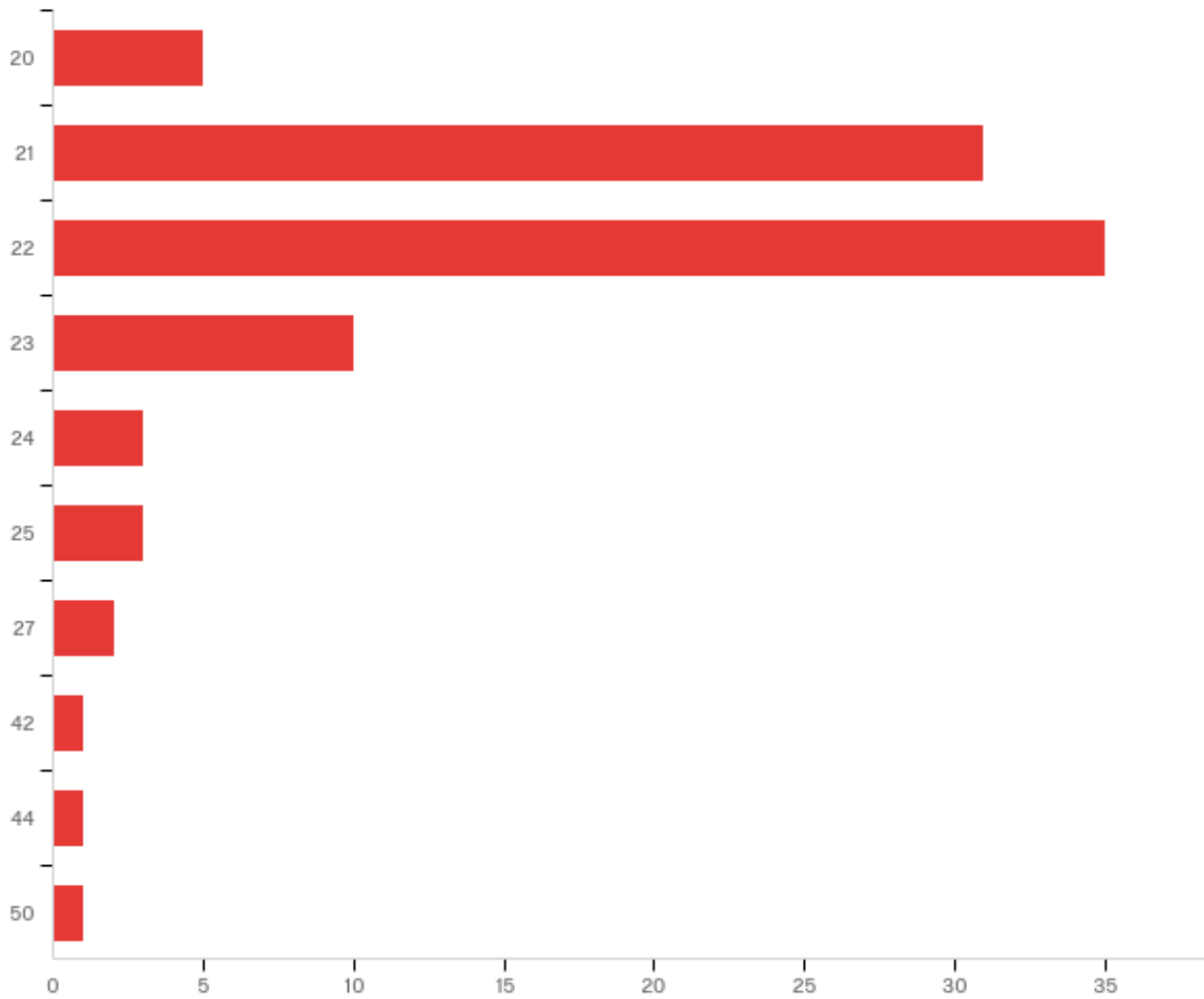
Answer	%	Count
Female	47.83%	44
Male	52.17%	48
Total	100%	92

Race



Answer	%	Count
Caucasian	85.90%	67
African-American	2.56%	2
Hispanic	7.69%	6
Asian/Pacific Islander	2.56%	2
American Indian/Alaskan Native	1.28%	1
Total	100%	78

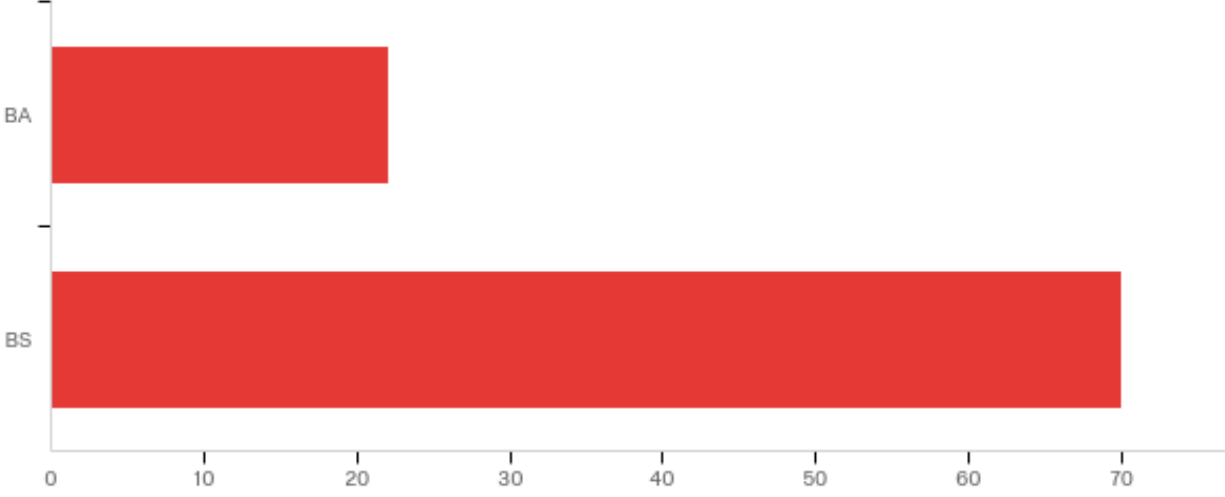
Age



Answer	%	Count
20	5.43%	5
21	33.70%	31
22	38.04%	35
23	10.87%	10
24	3.26%	3
25	3.26%	3
27	2.17%	2
42	1.09%	1
44	1.09%	1

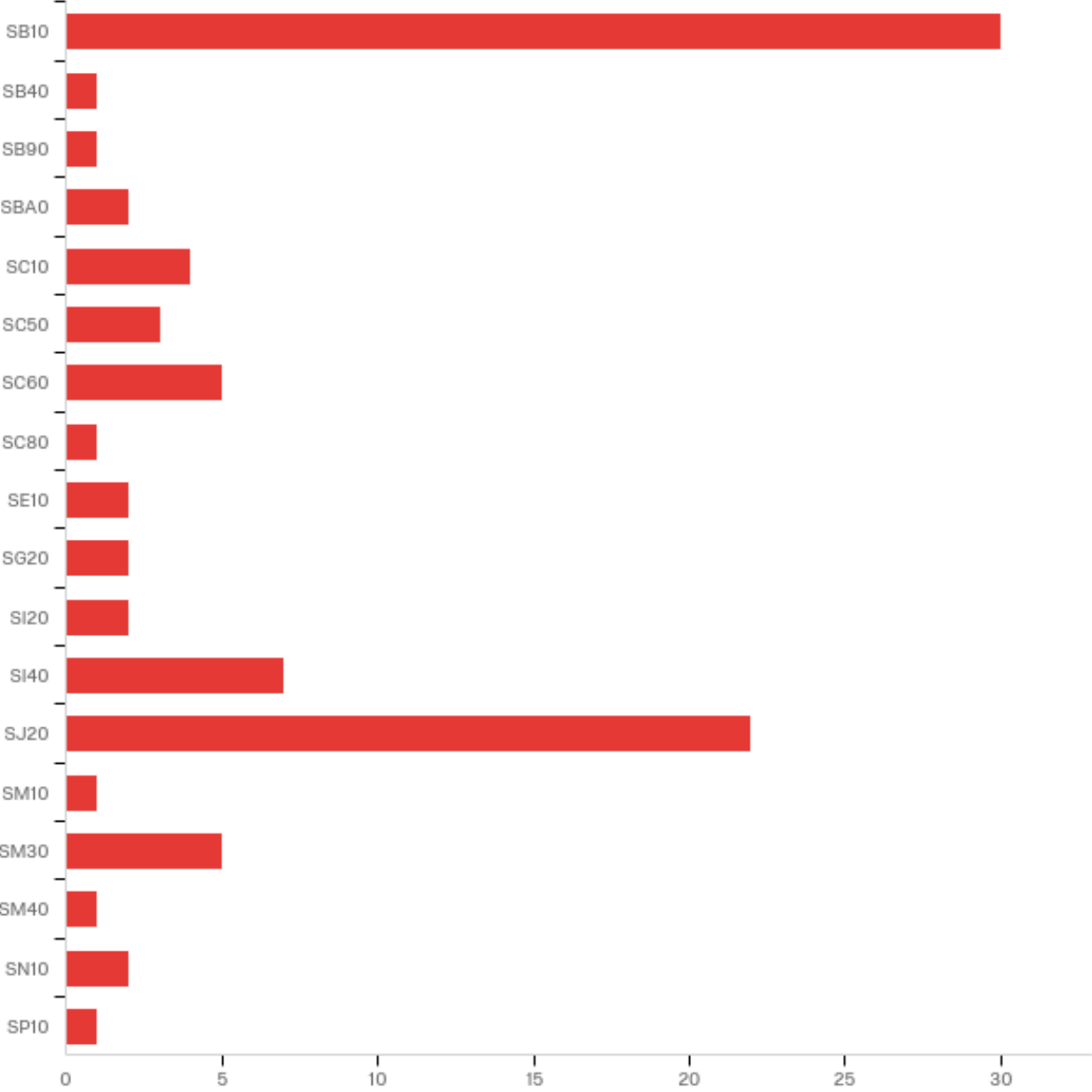
50	1.09%	1
Total	100%	92

Degree



Answer	%	Count
BA	23.91%	22
BS	76.09%	70
Total	100%	92

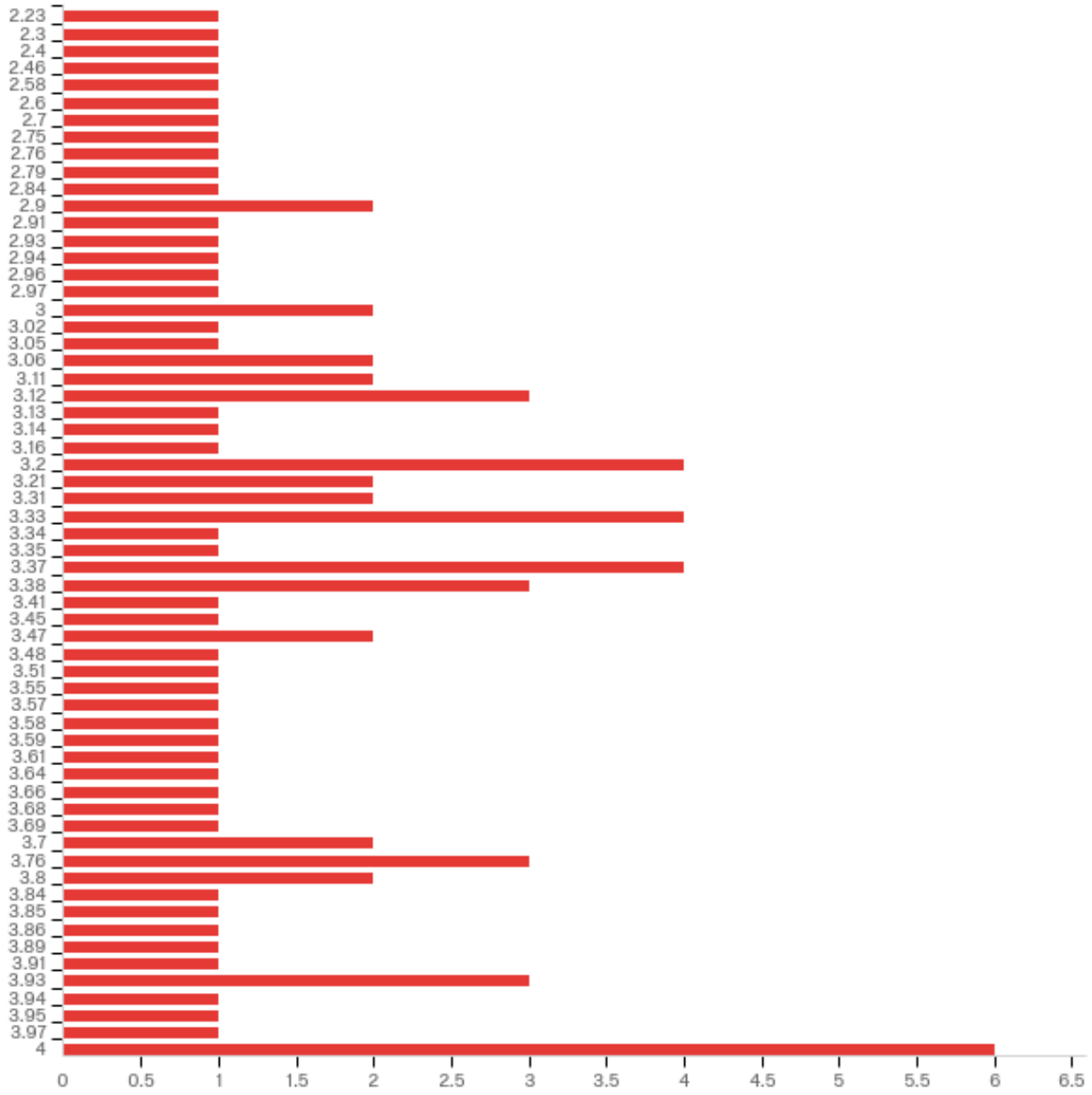
Major



Answer	%	Count
SB10	32.61%	30
SB40	1.09%	1
SB90	1.09%	1
SBA0	2.17%	2
SC10	4.35%	4

SC50	3.26%	3
SC60	5.43%	5
SC80	1.09%	1
SE10	2.17%	2
SG20	2.17%	2
SI20	2.17%	2
SI40	7.61%	7
SJ20	23.91%	22
SM10	1.09%	1
SM30	5.43%	5
SM40	1.09%	1
SN10	2.17%	2
SP10	1.09%	1
Total	100%	92

GPA

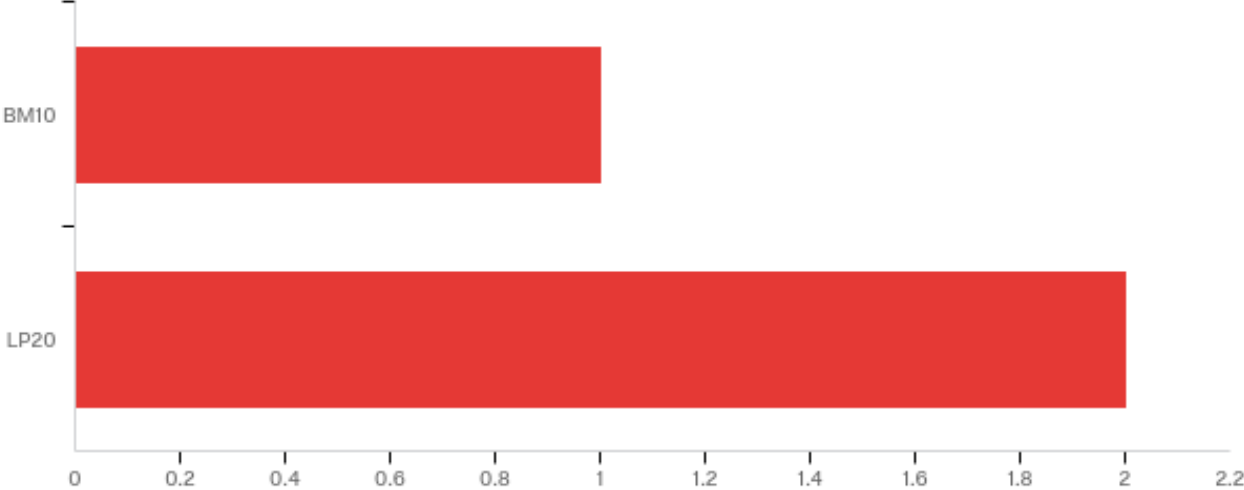


Answer	%	Count
2.23	1.09%	1
2.3	1.09%	1
2.4	1.09%	1
2.46	1.09%	1
2.58	1.09%	1

2.6	1.09%	1
2.7	1.09%	1
2.75	1.09%	1
2.76	1.09%	1
2.79	1.09%	1
2.84	1.09%	1
2.9	2.17%	2
2.91	1.09%	1
2.93	1.09%	1
2.94	1.09%	1
2.96	1.09%	1
2.97	1.09%	1
3	2.17%	2
3.02	1.09%	1
3.05	1.09%	1
3.06	2.17%	2
3.11	2.17%	2
3.12	3.26%	3
3.13	1.09%	1
3.14	1.09%	1
3.16	1.09%	1
3.2	4.35%	4
3.21	2.17%	2
3.31	2.17%	2
3.33	4.35%	4
3.34	1.09%	1
3.35	1.09%	1
3.37	4.35%	4
3.38	3.26%	3
3.41	1.09%	1

3.45	1.09%	1
3.47	2.17%	2
3.48	1.09%	1
3.51	1.09%	1
3.55	1.09%	1
3.57	1.09%	1
3.58	1.09%	1
3.59	1.09%	1
3.61	1.09%	1
3.64	1.09%	1
3.66	1.09%	1
3.68	1.09%	1
3.69	1.09%	1
3.7	2.17%	2
3.76	3.26%	3
3.8	2.17%	2
3.84	1.09%	1
3.85	1.09%	1
3.86	1.09%	1
3.89	1.09%	1
3.91	1.09%	1
3.93	3.26%	3
3.94	1.09%	1
3.95	1.09%	1
3.97	1.09%	1
4	6.52%	6
Total	100%	92

Major2



Answer	%	Count
BM10	33.33%	1
LP20	66.67%	2
Total	100%	3