

## College of Science Survey Results: Calendar Year 2010

Please note that the scale for all Likert questions ranges from 1 = Very Satisfied to 5 = Very Dissatisfied. Therefore, lower means are more positive than higher means.

### 1. Family Status

#	Answer	Response	%
1	Married, no children	2	3%
2	Married, with children	2	3%
3	Single, no children	67	89%
4	Single, with children	4	5%
	Total	75	100%

Statistic	Value
Min Value	1
Max Value	4
Mean	2.97
Variance	0.19
Standard Deviation	0.43
Total Responses	75

### 2. Residence at time of admission

#	Answer	Response	%
1	In-State	61	81%
2	Metro	8	11%
3	Out-of-State	6	8%
	Total	75	100%

Statistic	Value
Min Value	1
Max Value	3
Mean	1.27
Variance	0.36
Standard Deviation	0.60
Total Responses	75

**3. 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)**

Text Response
8
4
10
12
8
10
10
7
9
11
10
11
9
8
14
9
10
8
14
11
9
9
9
9
10
10
8
12
10
10
6

about six semesters

13

8

8

8

9

9

10

8

11

9

9

11

10

12

Nine semesters

8

8

8

10

15

Eight

10

10

10

9

9

8

4

9

4 semesters

10

9

7 Full Time - 3 Summer Sessions with one course each

10

13

8
10
6 semesters
14

Statistic	Value
Total Responses	71

#### 4. While pursuing your degree, did you

#	Answer		Response	%
1	Originally enroll and stay at Marshall		64	85%
2	Transfer from a 2-year institution or community college		6	8%
3	Transfer from another 4-year institution		5	7%
	Total		75	100%

Statistic	Value
Min Value	1
Max Value	3
Mean	1.21
Variance	0.31
Standard Deviation	0.55
Total Responses	75

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

#	Answer	Response	%
1	None	21	28%
2	1 - 10	15	20%
3	11 - 20	23	31%
4	21 - 30	8	11%
5	More than 30	8	11%
	Total	75	100%

Statistic	Value
Min Value	1
Max Value	5
Mean	2.56
Variance	1.68
Standard Deviation	1.30
Total Responses	75

**6. Which of the following best describes your educational objective while attending Marshall University?**

#	Answer	Response	%
1	Begin my first career	65	88%
2	Advance in current career	2	3%
3	Change career	5	7%
4	Non-career objective	2	3%
	Total	74	100%

Statistic	Value
Min Value	1
Max Value	4
Mean	1.24
Variance	0.49
Standard Deviation	0.70
Total Responses	74

## 7. Upon graduation, what was the dollar amount of your educational loan indebtedness?

#	Answer	Response	%
1	No indebtedness	37	49%
2	Up to \$4,999	3	4%
3	\$5,000 - \$9,999	4	5%
4	\$10,000 - \$14,999	7	9%
5	\$15,000 - \$19,999	12	16%
6	Over \$20,000	12	16%
	Total	75	100%

Statistic	Value
Min Value	1
Max Value	6
Mean	2.87
Variance	4.23
Standard Deviation	2.06
Total Responses	75

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

#	Answer	Response	%
1	Yes	54	72%
2	No	21	28%
	Total	75	100%

Statistic	Value
Min Value	1
Max Value	2
Mean	1.28
Variance	0.20
Standard Deviation	0.45
Total Responses	75

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

#	Answer	Response	%
1	Yes	27	50%
2	No	7	13%
3	Insufficient information to answer this question	20	37%
	Total	54	100%



Statistic	Value
Min Value	1
Max Value	3
Mean	1.87
Variance	0.87
Standard Deviation	0.93
Total Responses	54

## 10. When I graduate from Marshall University I plan to (check all that apply)

#	Answer	Response	%
1	Attend graduate school	61	81%
2	Complete additional undergraduate coursework	12	16%
3	Continue to work at the same job I have at present	7	9%
4	Enter the military	2	3%
5	Work for a private sector company or corporation	15	20%
6	Work for a local, state, or federal agency	18	24%
7	Work for a volunteer or service organization, e.g. Peace Corps, AmeriCorps, City Year, etc.	5	7%
8	Work for a non-profit organization, e.g. hospital, university, public school, etc.	9	12%
9	Begin my own business	1	1%
10	Start or raise a family	12	16%
11	Take time off (to travel, etc.)	14	19%
12	Undecided or no plans	2	3%
13	Other	1	1%

Other

Medical School

Statistic	Value
Min Value	1
Max Value	13
Total Responses	75

**11. 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	Response	%
1	Within 50 miles of my college town	26	48%
2	Within 50 miles of my home town	17	31%
3	Over 50 miles, but within 500 miles of my college town	12	22%
4	Over 50 miles, but within 500 miles of my home town	11	20%
5	In WV	29	54%
6	In at least one of WV's neighboring states (OH, KY, VA, MD, PA)	16	30%
7	Within the US, but outside the above boundaries	10	19%
8	Internationally	1	2%
9	Other (please specify)	2	4%

Other (please specify)
have not applied
will be applying to Marshall School of Medicine

Statistic	Value
Min Value	1
Max Value	9
Total Responses	54

## 12. Have you been accepted by a higher-level educational program?

#	Answer	Response	%
1	Yes	28	47%
2	No	31	53%

Statistic	Value
Min Value	1
Max Value	2
Total Responses	59

### 13. If you have been accepted by a higher level institution, what institution do you plan to attend?

Text Response
MUSOM
Marshall University
West Virginia University School of Medicine
Marshall University School of Medicine
Marshall University
Marshall University
Marshall University
Marshall University Joan C. Edwards School of Medicine
Marshall University
Marshall University Joan C Edwards School of Medicine
West Virginia School of Osteopathic Medicine
Marshall University
Ohio University College of Osteopathic Medicine
Colorado School of Mines
The University of New Haven
Marshall University School of Medicine
Ohio University School of Osteopathic Medicine
Marshall University School of Medicine
Indiana University
Marshall University
Joan C. Edwards School of Medicine, Marshall University
WVU School of Medicine
Marshall University graduate school
Marshall University Graduate College
plan on attending Marshall School of Medicine (have not applied yet)
Marshall university
Marshall University
Marshall University Joan C. Edwards School of Medicine

Statistic	Value
Total Responses	28

## 14. While pursuing my degree at Marshall University

#	Question	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree	Responses	Mean
1	I acquired a basic knowledge in general education (humanities and social science courses)	35	36	1	0	0	72	1.53
2	I developed the ability to write effectively	33	34	5	0	0	72	1.61
3	I developed the ability to use mathematics effectively	26	33	9	3	0	71	1.85
4	I had sufficient access to and opportunity to use computers	43	26	1	1	1	72	1.49
5	I increased my competency in basic computer operations	25	34	10	3	0	72	1.88
6	I received training in computers and technology that was appropriate for my major field	20	28	17	6	1	72	2.17
7	I acquired sufficient skills and knowledge to prepare for career-related positions	21	39	8	3	1	72	1.94
8	I developed the ability to express myself effectively through speaking	30	31	9	2	0	72	1.76
9	I developed multicultural and global perspectives	28	35	7	2	0	72	1.76
10	I found the writing intensive courses I took valuable	16	29	10	12	5	72	2.46

11	I developed critical thinking skills	34	34	3	1	0	72	1.60
12	I broadened my appreciation for the arts	18	33	14	7	0	72	2.14
13	I found that the science courses I took increased my understanding of the scientific processes	44	25	2	1	0	72	1.44
14	I found the capstone (senior seminar) in my major valuable	31	19	10	6	6	72	2.13

Statistic	I acquired a basic knowledge in general education (humanities and social science courses)	I developed the ability to write effectively	I developed the ability to use mathematics effectively	I had sufficient access to and opportunity to use computers	I increased my competency in basic computer operations	I received training in computers and technology that was appropriate for my major field	I acquired sufficient skills and knowledge to prepare for career-related positions	I developed the ability to express myself effectively through speaking
Min Value	1	1	1	1	1	1	1	1
Max Value	3	3	4	5	4	5	5	4
Mean	1.53	1.61	1.85	1.49	1.88	2.17	1.94	1.76
Variance	0.28	0.38	0.65	0.54	0.65	0.96	0.70	0.61
Standard Deviation	0.53	0.62	0.80	0.73	0.80	0.98	0.84	0.78
Total Responses	72	72	71	72	72	72	72	72

## 15. Now that I have completed my degree,

#	Question	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree	Responses	Mean
1	I feel adequately prepared for a career and/or graduate or professional study in my major field.	23	39	8	1	1	72	1.86
2	I believe that Marshall University's program in my major field is of high quality.	22	37	9	2	2	72	1.96
3	I would recommend to others that they study the same program at Marshall.	26	35	7	1	3	72	1.89
4	I would recommend Marshall to prospective students.	36	28	5	1	2	72	1.68

Statistic	I feel adequately prepared for a career and/or graduate or professional study in my major field.	I believe that Marshall University's program in my major field is of high quality.	I would recommend to others that they study the same program at Marshall.	I would recommend Marshall to prospective students.
Min Value	1	1	1	1
Max Value	5	5	5	5
Mean	1.86	1.96	1.89	1.68
Variance	0.60	0.80	0.89	0.78
Standard Deviation	0.77	0.90	0.94	0.89
Total Responses	72	72	72	72

**16. Please rate your level of satisfaction with the quality of the following at Marshall:**

#	Question	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied	Responses	Mean
1	Teaching	21	46	4	0	1	72	1.81
2	Advising	18	35	10	7	2	72	2.17
3	Academic Support Services	12	36	21	2	1	72	2.22
4	Classroom/Lab Facilities	9	37	13	11	2	72	2.44

Statistic	Teaching	Advising	Academic Support Services	Classroom/Lab Facilities
Min Value	1	1	1	1
Max Value	5	5	5	5
Mean	1.81	2.17	2.22	2.44
Variance	0.44	1.01	0.65	0.98
Standard Deviation	0.66	1.01	0.81	0.99
Total Responses	72	72	72	72

**17. When I graduate, I plan to**

#	Answer	Response	%
1	Be employed	26	36%
2	Further my education	65	90%
3	Other	2	3%

**Other**

I really, really want to enter into a PhD program somewhere, but I'll probably just end up working in the industry instead.

volunteer with the Peace Corps



Statistic	Value
Min Value	1
Max Value	3
Total Responses	72

### 18. If you plan to be employed after graduation, will your job be in the career path you have chosen?

#	Answer	Response	%
1	Yes	14	54%
2	No	3	12%
3	Don't know yet	9	35%
	Total	26	100%

Statistic	Value
Min Value	1
Max Value	3
Mean	1.81
Variance	0.88
Standard Deviation	0.94
Total Responses	26

### 19. If you plan to be employed after graduation, will your job be in your major field?

#	Answer	Response	%
1	Yes	14	56%
2	No	2	8%
3	Don't know yet	9	36%
	Total	25	100%

Statistic	Value
Min Value	1
Max Value	3
Mean	1.80
Variance	0.92
Standard Deviation	0.96
Total Responses	25

## 20. If you plan to be employed after graduation, will your job be

#	Answer	Response	%
1	In WV?	18	69%
2	In KY, OH, PA, VA, or MD?	6	23%
3	In a state other than one mentioned above?	2	8%
4	In a country other than the US?	0	0%
	Total	26	100%

Statistic	Value
Min Value	1
Max Value	3
Mean	1.38
Variance	0.41
Standard Deviation	0.64
Total Responses	26

**21. If you plan to be employed after graduation, will your job be (choose all that apply):**

#	Answer	Response	%
1	within 50 miles of your college town?	14	54%
2	within 50 miles of your home town?	12	46%
3	over 50 miles, but within 500 miles of your college town?	7	27%
4	over 50 miles, but within 500 miles of your home town?	4	15%
5	over 500 miles from your college town	1	4%
6	over 500 miles from your home town	1	4%

Statistic	Value
Min Value	1
Max Value	6
Total Responses	26

**22. If you have accepted employment, what will be your starting salary?**

#	Answer	Response	%
1	\$10,000 or less	2	8%
2	\$10,001 - \$15,000	1	4%
3	\$15,001 - \$20,000	1	4%
4	\$20,001 - \$25,000	1	4%
5	\$25,001 - \$30,000	1	4%
6	\$30,001 - \$35,000	1	4%
7	\$35,001 - \$40,000	0	0%
8	\$40,001 - \$45,000	0	0%
9	\$45,001 - \$50,000	0	0%
10	More than \$50,000	0	0%
11	I have not yet accepted employment	19	73%
	Total	26	100%

Statistic	Value
Min Value	1
Max Value	11
Mean	8.88
Variance	13.55
Standard Deviation	3.68
Total Responses	26

### 23. For the position indicated above, who is your employer?

Text Response
Vandalia Research
n/a
Facetime Communications
Budget Finance Company
US Army Corps of Engineers
CVS pharmacy
REIC Labs

Statistic	Value
Total Responses	7

### 24. Did you use Career Services to help you with your career path?

#	Answer	Response	%
1	Yes	9	13%
2	No	63	88%
	Total	72	100%

Statistic	Value
Min Value	1
Max Value	2
Mean	1.88
Variance	0.11
Standard Deviation	0.33
Total Responses	72

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

#	Answer	Response	%
1	Marshall JobTrax	8	89%
2	Resume assistance	6	67%
3	Career Advising	1	11%
4	Mock Interviewing	0	0%
5	On-campus recruitment event	0	0%
6	Career Fair	2	22%
7	Other	0	0%

**Other**

Statistic	Value
Min Value	1
Max Value	6
Total Responses	9

## 26. 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	Responses	Mean
1	Availability and quality of academic advising	17	37	11	6	1	72	2.13
2	Availability of courses	9	30	13	15	5	72	2.68
3	Responsiveness to students with special needs	14	25	31	1	1	72	2.31
4	Professionalism/Scholarship of faculty	17	44	9	1	1	72	1.96
5	Development of critical thinking skills	25	44	3	0	0	72	1.69

Statistic	Availability and quality of academic advising	Availability of courses	Responsiveness to students with special needs	Professionalism/Scholarship of faculty	Development of critical thinking skills
Min Value	1	1	1	1	1
Max Value	5	5	5	5	3
Mean	2.13	2.68	2.31	1.96	1.69
Variance	0.84	1.32	0.72	0.55	0.30
Standard Deviation	0.92	1.15	0.85	0.74	0.55
Total Responses	72	72	72	72	72

Questions 27 – 30 are included in the program question section.

## 31. Gender

Value	Total
M	35
F	42

## 32. Race

Value	Total
White	69
Hispanic	2
Asian or Pacific Islander	3
African American	3

## 33. Age

Value	Total
22	28
21	24
23	9
25	3
26	3
28	1
27	3
37	1
24	3
32	1
42	1

## 34. Degree

Value	Total
BS	77

## 35. Major

Value	Total
Biological Science	25
Microbiology	2
Chemistry	6
Biomedical Science	18
Forensic Chemistry	5
Cellular/Molecular Biology	3
Computer and Information Technology	5
Ecology/Evolutionary Biology	5
Environmental Science	2
Biochemistry	1
Mathematics – BS	2
SB60	1
Geology – BS	1
Physics	1



## 36. GPA

Value	Total
4	5
3.85	1
3.69	1
2.98	1
3.09	1
3.79	1
3.25	1
3.49	1
3.5	1
3.89	1
3.52	1
3.96	1
3.42	2
3.28	2
3.76	1
3.23	1
3.55	3
3.48	2
3.93	1
3.88	1
3.97	1
3.19	1
3.61	1
2.65	1
3.7	2
3.29	1
3.86	1
2.84	1
2.32	1
3.67	3
3.68	1
3.54	1
3.33	3

3.95	2
2.59	1
3.39	1
3.47	1
3.03	2
2.56	1
3.41	1
3.83	1
3.35	1
3.36	1
3.3	1
3.87	1
3.2	1
2.69	1
2.55	1
3.57	1
2.99	1
2.94	2
3.82	1
3.71	1
3.4	1
3.45	1
3.72	1
3.62	1
2.93	1
3.77	1
3.18	1