Western Washington University 2008 Survey of Alumni who Graduated between Summer, 2006, and Spring, 2007 • Department Report

Report 2009-03

Beth Hartsoch Linda Clark John Krieg Gary R. McKinney Joseph E. Trimble

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### Western Washington University 2008 Survey of Alumni who Graduated between Summer, 2006, and Spring, 2007 • Department Report

### **EXECUTIVE SUMMARY**

Since 1990, Western's Office of Survey Research (OSR) has surveyed alumni every other year. Alumni who are one to two years past graduation are invited to participate. They are asked to reflect on their experiences at Western, and about their current situation regarding family, education, and employment. OSR uses a mixture of online and telephone survey methodologies, then, when applicable, links survey results with Western's student records, thus expanding their usefulness to researchers.

The 2008 alumni survey was administered to graduates earning their bachelor's degrees between the summer of 2006 and spring of 2007. Of the 3,028 eligible alumni, OSR received valid responses from 1,093 (response rate of 36%). The full survey asked questions regarding financial status, plans for postgraduate education, and issues of employment search and job characteristics. Alumni were also asked retrospective questions regarding their Western experience, including the challenges they faced, their level of satisfaction with Western's student services, their satisfaction with their major, and the ways Western might expedite time to degree. In addition, they were asked to rate their academic competencies when they entered Western, and how they rate those same competencies now. A second report based on the same Alumni survey, entitled "Western Washington University 2008 Survey of Alumni who Graduated between Summer, 2006, and Spring, 2007," presents the full compliment of responses to these questions and may be accessed at: http://www.wwu.edu/socad/osr/AlumniSurveys.shtml.

Because individual colleges and departments can frequently benefit from data derived from their own graduates, this report presents a portion of the alumni survey data divided by academic unit. Presenting the entire set of survey results by department is possible, but in hopes of creating a more accessible report, the data presented here are those likely to be of most use to campus leaders in evaluating and improving their programs. OSR will be happy to provide individuals with more detail or analysis upon request.

As with any survey, readers should be concerned with sample selection bias; that is, bias which arises because survey responders are not a random selection from the population. While sample selection bias for Western's alumni survey has been mitigated through proper survey techniques, its presence should always be considered when evaluating data. With that said, each subsection of this report presents descriptive statistics of all alumni (based on Western's student records) compared to alumni survey respondents for the university as a whole and for each college. These comparisons occur in the first two tables of each subsection and generally reveal that survey respondents are similar to the population of alumni. For instance, 58% of all graduates between summer, 2006, and spring, 2007, were women—as were 58% of alumni survey respondents. Similar comparisons can be found for minorities (all graduates=16% v. survey respondents=15%), transfers (43% v. 42%), Running Start students (9% v. 9%), and average age at graduation (24.5 v. 24.4). These figures suggest that there is little reason to believe significant sample selection bias occurs on observables at the university level.

Generally speaking, this survey confirms beliefs about Western's overall strengths and suggests areas of improvement. For instance, alumni highly commend the knowledge, expertise and teaching ability of the faculty and rate the challenge level of their courses as being very high. The 88% of alumni who are currently employed also appear highly satisfied with their job. At the same time, alumni were not as satisfied with opportunities for involvement in faculty research, department internships and departmental career advising. When asked about factors that delayed their graduation, alumni most frequently responded with "scheduling conflicts" followed by "full courses."

The tables found in this report present means and percentages for 14 questions submitted to alumni, separated by college and department. At least two caveats are in order when considering this data. First,

although all departments had graduates counted in the tables derived from Western's student records, some departments had no valid alumni survey responses and were not included in the departmental data. Second, while it is tempting to compare one department or college with another, statistically significant differences depend not only on the differences in means, but also the number of observations in both comparison groups; most importantly, when the numbers are disproportionate, the meaning of statistical significance can be misleading.

Nearly all data sets can have more finely honed statistical analyses—this set of Alumni Survey data included. That being said, the analyses in this report are sufficient for most of those who rely on findings to help their decision making. For help with understanding the data as presented in this report, or with delving deeper into the data, please contact OSR.

### RELEVANT CLARIFYING NOTES AND DISCLAIMERS

- 1. Aggregate means in this report include all subsets of respondents. A true comparison of one department against the remaining respondents should exclude respondents graduating from that department in the latter statistic. For simplicity, this report has not done so.
- 2. OSR did not filter results based on number of respondents in a category. Statistical significance of any differences between departments or colleges is critically dependent on the number of respondents in each comparison group.
- 3. Respondents whose degree department did not match their degree college are reported in the college summary but not at the department level.
- 4. Departments with no survey respondents are included in the alumni demographics of the college, but are not listed separately as a department.
- 5. Percents sum to 100% in columns.

### DATA COLLECTION:

- Data were collected online beginning May 20, 2008.
- An invitation email was sent to external email addresses on file. Email reminders were sent on May 23rd, May 30th, June 23rd, and July 3rd. A refusal option was included on the June 23rd and July 3rd reminders, which linked to a refusal survey.
- Phone surveys began on June 4th, and continued Sunday through Thursday afternoons and evenings, with occasional mornings, excepting holidays, until July 10th.

#### **Respondents:**

- OSR received 1093 responses.
- OSR confirmed contact with 1600 alumni, who either responded, refused by survey, or were contacted in person on the phone.
- Online responses: 739.
- Phone responses: 333.
- Responded to refusal survey: 21.
- Did not respond: 507.
- Could not confirm contact: 1428.
- Some questions were excluded from the phone version of the survey, and most questions were excluded from the refusal survey.

### THE OFFICE OF SURVEY RESEARCH

The OSR provides high quality survey research that supports the mission of Western in a cost-effective manner. In particular, OSR surveys students, alumni, employers, and the campus community to provide valuable assessment data; it includes, but is not limited to, data analysis and reports which can be used for improvement of programs, instruction, faculty scholarship, and information services.

### A.1 Alumni Characteristics

	General Studies	Business	Woodring	Fairhaven	Fine Arts	Humanities & Social Science	Huxley	Science & Tech	wwu
Number of graduates (N)	143	485	315	115	163	1307	153	350	3032
% Female	52%	38%	90%	67%	56%	65%	56%	33%	58%
% Minority	16%	16%	15%	23%	14%	16%	10%	12%	16%
% Transfers	37%	39%	64%	52%	42%	39%	33%	45%	43%
% Running Start (RS) freshmen	6%	9%	5%	10%	7%	9%	13%	8%	9%
Mean age at graduation	25.0	23.6	29.8	27.2	24.9	23.4	24.5	23.7	24.5
Median age at graduation	23.0	23.0	24.0	24.0	23.0	22.0	23.0	23.0	23.0
Mean WWU GPA	2.67	3.00	3.54	_	3.27	3.18	3.26	3.10	3.16
Mean yrs to degree: freshmen	5.2	4.6	4.8	4.9	5.0	4.4	4.7	4.8	4.6
Mean yrs to degree: RS	4.7	4.3	4.2	5.1	3.9	3.8	4.5	4.1	4.1
Mean yrs to degree: transfers	4.1	2.7	2.7	3.7	3.5	2.7	3.1	3.3	3.0
A.2 Survey Respondent Charact	eristics		,	,				,	
	General Studies	Business	Woodring	Fairhaven	Fine Arts	Humanities & Social Science	Huxley	Science & Tech	wwu
Number of graduates (N)	51	185	108	35	59	441	60	153	1093
% Female	45%	39%	89%	74%	53%	67%	60%	34%	58%
% Minority	19%	18%	18%	16%	12%	16%	6%	12%	15%
% Transfers	35%	37%	63%	54%	54%	38%	27%	46%	42%
% Running Start (RS) freshmen	2%	7%	5%	9%	9%	10%	13%	11%	9%
Mean age at graduation	24.2	23.9	28.6	30.6	24.7	23.4	24.4	23.5	24.4
Median age at graduation	23.0	23.0	23.5	24.0	23.0	22.0	23.0	23.0	23.0
Mean WWU GPA	2.58	3.06	3.57	-	3.37	3.26	3.29	3.13	3.21
Mean yrs to degree: freshmen	5.4	4.5	4.5	4.7	5.6	4.3	4.6	4.7	4.6
Mean yrs to degree: RS	4.7	4.3	3.5	5.3	3.7	3.4	5.0	4.0	3.9
Mean yrs to degree: transfers	4.9	2.7	2.8	2.7	3.3	2.7	2.9	3.3	3.0

		Respon	ndent Emj	ployment					
A.3 How well did your education a to 5: "not at all" to "extremely.")	at Western	n prepare	you for su	ccess in the	e job mark	ket? (N=968.	Mean re	ported. Sca	ale of 1
	General Studies	Business	Woodring	Fairhaven	Fine Arts	Humanities & Social Science	Huxley	Science & Tech	wwu
Mean	3.13	3.56	3.98	3.38	3.24	3.38	3.69	3.63	3.51
A.4 Are you currently employed? (	N=1086)	1	I		1	1	1	1	
	General Studies	Business	Woodring	Fairhaven	Fine Arts	Humanities & Social Science	Huxley	Science & Tech	wwu
% Yes	90%	91%	93%	71%	74%	87%	83%	92%	88%
A.5 Of those who are employed: W	hich of t	he follow	ing job cate	egories bes	st fits your	current occu	upation?	(N=927)	1
	General Studies	Business	Woodring	Fairhaven	Fine Arts	Humanities & Social Science	Huxley	Science & Tech	wwu
Management, business & financial	25%	68%	5%	4%	17%	11%	8%	9%	21%
Science, engineering & computer professionals	11%	7%	25%	17%	10%	13%	38%	61%	22%
Healthcare	9%	4%	2%	8%	5%	10%	2%	5%	7%
Other professional workers	18%	6%	39%	33%	29%	22%	25%	9%	19%
Technicians	2%	1%	1%	-	2%	2%	4%	6%	2%
Sales	11%	4%	2%	-	7%	6%	2%	1%	5%
Administrative support	9%	6%	17%	17%	20%	24%	15%	2%	15%
Construction and extractive craft	-	1%	-	-	2%	1%	-	-	1%
Installation, maintenance and repair craft	-	1%	-	-	-	-	-	1%	0%
Production operative	2%	-	-	-	-	-	-	2%	0%
Transportation and material moving operative	5%	-	-	4%	-	-	2%	-	1%
Laborers and helpers	2%	1%	-	4%	7%	2%	-	1%	2%
Protective service	2%	-	-	-	-	-	-	1%	0%
Service, except protective	2%	3%	9%	13%	-	9%	4%	2%	6%

## A. Western Washington University

A.6 Of those who are employed: H	A.6 Of those who are employed: How closely is this job related to your major at WWU? (N=937)												
	General Studies	Business	Woodring	Fairhaven	Fine Arts	Humanities & Social Science	Huxley	Science & Tech	wwu				
Same field	-	49%	74%	39%	51%	22%	51%	56%	39%				
Related field	-	35%	15%	44%	23%	32%	27%	32%	30%				
Different field	-	16%	12%	17%	26%	47%	22%	12%	30%				

A.7 Of those who are employed and whose job is in the SAME field as their major, please indicate how important the following skills are in your current job. (N=953. Mean reported. Scale of 1 to 4: "not at all" to "very.")

	General Studies	Business	Woodring	Fairhaven	Fine Arts	Humanities & Social Science	Huxley	Science & Tech	wwu
Strong writing skills	-	3.44	3.61	3.44	3.19	3.37	3.24	2.91	3.32
Strong oral communication skills	-	3.85	3.99	3.89	3.71	3.89	3.92	3.62	3.84
Ability to critically analyze written information	-	3.62	3.56	3.11	3.24	3.52	3.40	3.53	3.52
Ability to define and solve problems	-	3.77	3.94	3.56	3.67	3.86	3.88	3.82	3.83
Ability to work or learn independently, without supervision	-	3.78	3.83	3.89	3.71	3.84	3.80	3.75	3.80
Ability to cooperate well, work in teams, etc.	-	3.63	3.83	3.78	3.37	3.63	3.88	3.60	3.67
Understanding and applying scientific principles and methods	-	2.08	2.59	1.67	1.52	2.40	2.80	3.30	2.52
Understanding and applying quantitative principles and methods	-	3.01	2.56	1.63	1.57	2.49	2.80	3.34	2.76
Awareness of cultural and personal differences among people	-	3.00	3.90	3.78	3.24	3.84	3.28	2.88	3.39
Working effectively with technology, including computers	-	3.84	3.29	2.89	3.24	3.38	3.44	3.82	3.54
Strong interpersonal management skills	-	3.65	3.83	3.67	3.48	3.66	3.32	3.16	3.55
Understanding organizations and how people behave in them	-	3.45	3.57	3.22	3.00	3.46	3.48	2.84	3.32
Strong task/organizational/data management skills	-	3.84	3.70	3.67	3.67	3.61	3.40	3.58	3.66

	General Studies	Business	Woodring	Fairhaven	Fine Arts	Humanities & Social Science	Huxley	Science & Tech	wwu
Courses in your major	-	3.20	3.63	3.28	3.14	2.95	3.35	3.37	3.16
Courses outside your major	-	2.84	3.11	3.22	2.79	2.82	3.02	2.67	2.85
A.9 Of those who are employed, ho 1 to 5: "not at all" to "extremely.")	ow satisfi	ed are you	a with the	job you are	currently	n? (N=945.	Mean re	eported. Sc	ale of
	General Studies	Business	Woodring	Fairhaven	Fine Arts	Humanities & Social Science	Huxley	Science & Tech	wwu
	3.28	3.46	3.79	3.88	3.40	3.38	3.67	3.69	3.51
	I	Respo	ondent Ed	ucation	1			I	
A.10 Which of the following best d	lescribes	your educ	cational pla	ans for the	foreseeab	le future? (N	[=1083)		
	General Studies	Business	Woodring	Fairhaven	Fine Arts	Humanities & Social Science	Huxley	Science & Tech	wwu
I am currently enrolled in a college or university program	18%	11%	17%	23%	14%	25%	9%	14%	18%
I have been accepted into a college or university program	4%	2%	6%	9%	2%	4%	7%	9%	5%
	relation	ship of th	e education	nal program	n you are	currently en	rolled in	or accepte	d to
A.11 Of those enrolled or accepted relative to your undergraduate maj		-			5				
		-	230)			Humanities & Social Science	Huxley	Science & Tech	wwu
relative to your undergraduate maj	or at Wes General	stern. (N=	230)			& Social	Huxley 25%		<b>WWU</b> 39%
	or at Wes General Studies	stern. (N=	230) Woodring	Fairhaven	Fine Arts	& Social Science		Tech	

## A.12 Of those enrolled or accepted: Adequacy of preparation for the educational program you are currently enrolled in or accepted to. (N=251. Mean reported. Scale of 1 - 5: "not at all" to "extremely adequate.")

	General Studies	Business	Woodring	Fairhaven	Fine Arts	Humanities & Social Science	Huxley	Science & Tech	WWU
Courses in your major	-	3.00	3.48	4.40	3.33	3.78	3.13	4.26	3.67
Courses outside your major	-	2.82	3.52	3.63	3.29	3.21	3.38	3.39	3.22

### **Respondent Time to Degree**

A.13 To what extent did you find each of the following to be an impediment to the timely completion of your degree or a factor leading to a less than ideal educational experience at WWU? (N=1058. Mean reported. Scale of 1 - 4: "not at all" to "a lot.")

	General Studies	Business	Woodring	Fairhaven	Fine Arts	Humanities & Social Science	Huxley	Science & Tech	wwu
Scheduling conflicts	2.59	2.49	2.09	2.41	2.74	2.37	2.64	2.57	2.44
Full courses	2.61	2.57	1.76	2.03	2.29	2.31	2.25	2.22	2.29
Poor or inadequate major advising	2.55	1.98	1.50	1.79	1.86	1.75	1.86	1.81	1.83
Number of credits required for your major	2.00	1.67	1.50	1.26	1.84	1.52	1.59	2.11	1.67
Grade or credit restrictions on desired major	2.49	1.50	1.41	1.38	1.56	1.49	1.41	1.56	1.54
Access to courses in your major	2.41	2.11	1.75	1.76	1.93	1.89	1.88	1.89	1.94

### **Respondent Major Satisfaction**

A.14 Excluding those who thought the item was "not applicable," how satisfied are you with each of the following aspects of your primary major and department within which it was located? (N=1036. Mean reported. Scale of 1 - 5: "not at all" to "very.")

	General Studies	Business	Woodring	Fairhaven	Fine Arts	Humanities & Social Science	Huxley	Science & Tech	wwu
Course availability	-	3.68	4.15	3.94	3.72	3.97	3.78	3.80	3.86
Knowledge and expertise of faculty	-	4.24	4.60	4.50	4.31	4.51	4.36	4.41	4.42
Quality of instruction	-	4.00	4.44	4.38	4.12	4.30	4.22	4.16	4.22
Course requirements and sequences	_	3.97	4.25	4.24	4.00	4.10	4.03	3.96	4.06
Opportunities for class interaction and projects	-	4.19	4.62	4.50	4.19	4.26	4.36	4.11	4.26
Challenge level of courses	-	4.19	4.35	4.18	4.16	4.30	4.08	4.29	4.24
Department internships and service learning opportunities	-	3.14	4.48	3.59	2.69	3.34	3.64	3.05	3.36
Opportunities for independent study and research	-	2.95	4.02	4.29	3.54	3.48	3.40	3.51	3.46
Opportunities for involvement in faculty research	_	2.42	2.97	2.88	2.37	2.92	2.77	3.19	2.83
Overall department climate	-	3.83	4.35	4.33	3.71	4.12	4.28	4.16	4.07
Department advising for courses	-	3.38	4.25	4.19	3.66	3.90	3.85	3.63	3.77
Department advising for careers	-	3.22	4.06	4.03	2.93	3.20	3.20	3.17	3.27
Adequacy of lab or studio space and equipment	-	3.75	3.82	3.58	3.29	3.70	3.77	4.19	3.76
Adequacy of technology and software available	-	4.11	3.93	3.97	3.70	3.92	4.00	4.16	3.98
Library resources in your field	-	3.79	3.73	4.00	4.09	4.08	3.81	3.72	3.92
Classroom space and technology	-	3.92	3.90	3.82	3.40	3.87	3.68	3.98	3.86

### **B.1** Alumni Characteristics

B.1 Alumni Characteristics							1
	ACCT	DSCI	ECON	FMKT	MGMT	CBE	WWU
Number of graduates (N)	75	59	85	156	110	485	3032
% Female	53%	20%	28%	44%	36%	38%	58%
% Minority	18%	20%	8%	17%	18%	16%	16%
% Transfers	49%	39%	38%	37%	36%	39%	43%
% Running Start (RS) freshmen	12%	12%	7%	6%	10%	9%	9%
Mean age at graduation	25.4	23.9	23.2	22.9	23.5	23.6	24.5
Median age at graduation	23.0	23.0	22.0	22.0	23.0	23.0	23.0
Mean WWU GPA	3.08	2.89	3.13	2.97	2.95	3.00	3.16
Mean yrs to degree: freshmen	4.7	4.9	4.5	4.5	4.7	4.6	4.6
Mean yrs to degree: RS	4.3	4.0	3.7	4.5	4.6	4.3	4.1
Mean yrs to degree: transfers	2.9	3.1	2.9	2.5	2.5	2.7	3.0
B.2 Survey Respondent Characteri	stics		I	I			1
	ACCT	DSCI	ECON	FMKT	MGMT	CBE	WWU
Number of graduates (N)	30	24	36	55	40	185	1093
% Female	55%	17%	31%	46%	35%	39%	58%
% Minority	23%	19%	7%	18%	18%	18%	15%
% Transfers	42%	39%	42%	27%	40%	37%	42%
% Running Start (RS) freshmen	7%	13%	6%	4%	10%	7%	9%
Mean age at graduation	25.4	24.4	23.3	23.0	24.1	23.9	24.4
Median age at graduation	23.0	23.0	22.0	22.0	23.0	23.0	23.0
Mean WWU GPA	3.19	2.98	3.16	3.04	2.93	3.06	3.21
Mean yrs to degree: freshmen	4.8	4.7	4.7	4.3	4.7	4.5	4.6
Mean yrs to degree: RS	4.8	3.9	4.0	4.5	4.5	4.3	3.9
Mean yrs to degree: transfers	2.9	2.8	2.8	2.6	2.4	2.7	3.0

	Respon	dent Emp	loyment									
B.3 How well did your education at Western prepare you for success in the job market? (N=968. Mean reported Scale of 1 to 5: "not at all" to "extremely.")												
	ACCT	DSCI	ECON	FMKT	MGMT	CBE	WWU					
Mean	3.82	3.50	3.31	3.65	3.49	3.56	3.51					
B.4 Are you currently employed? (N=10	)86)		1	1	1		1					
	ACCT	DSCI	ECON	FMKT	MGMT	CBE	WWU					
% Yes	97%	96%	86%	86%	98%	91%	88%					
B.5 Of those who are employed: Which	of the fol	lowing job	categories	s best fits y	our current	occupatio	on?					
(N=927)	ACCT	DSCI	ECON	FMKT	MGMT	CBE	WWU					
Management, business & financial	93%	50%	60%	70%	66%	68%	21%					
Science, engineering & computer professionals	_	32%	3%	9%	-	7%	22%					
Healthcare	-	-	7%	4%	5%	4%	7%					
Other professional workers	-	9%	13%	2%	5%	6%	19%					
Technicians	-	5%	-	-	3%	1%	2%					
Sales	-	-	7%	9%	-	4%	5%					
Administrative support	4%	-	10%	4%	8%	6%	15%					
Construction and extractive craft	-	-	-	2%	3%	1%	1%					
Installation, maintenance and repair craft	-	5%	-	-	-	1%	0%					
Production operative	-	-	-	-	-	-	0%					
Transportation and material moving operative	-	-	-	-	-	-	1%					
Laborers and helpers	4%	-	-	-	-	1%	2%					
Protective service	-	-	-	-	-	-	-					
Service, except protective	_	_	-	_	11%	3%	6%					

B.6 Of those who are employed: How closely is this job related to your major at WWU? (N=937)									
	ACCT	DSCI	ECON	FMKT	MGMT	СВЕ	WWU		
Same field	82%	55%	32%	45%	41%	49%	39%		
Related field	14%	32%	36%	51%	31%	35%	30%		
Different field	4%	14%	32%	4%	28%	16%	30%		

B.7 Of those who are employed and whose job is in the SAME field as their major, please indicate how important the following skills are in your current job. (N=953. Mean reported. Scale of 1 to 4: "not at all" to "very.")

	ACCT	DSCI	ECON	FMKT	MGMT	CBE	WWU
	ACCI	DSCI	ECON		MGMT	СБЕ	~~~~
Strong writing skills	3.52	3.58	3.40	3.52	3.13	3.44	3.32
Strong oral communication skills	3.87	4.00	3.90	3.71	3.88	3.85	3.84
Ability to critically analyze written information	3.83	3.42	3.90	3.43	3.56	3.62	3.52
Ability to define and solve problems	3.87	3.92	3.70	3.62	3.75	3.77	3.83
Ability to work or learn independently, without supervision	3.70	3.92	3.70	3.81	3.81	3.78	3.80
Ability to cooperate well, work in teams, etc.	3.68	3.92	3.50	3.57	3.47	3.63	3.67
Understanding and applying scientific principles and methods	1.90	3.17	2.00	1.60	2.13	2.08	2.52
Understanding and applying quantitative principles and methods	3.30	3.25	3.11	2.90	2.50	3.01	2.76
Awareness of cultural and personal differences among people	2.61	2.83	3.20	3.10	3.44	3.00	3.39
Working effectively with technology, including computers	3.83	4.00	3.90	3.86	3.69	3.84	3.54
Strong interpersonal management skills	3.61	3.75	3.56	3.52	3.88	3.65	3.55
Understanding organizations and how people behave in them	3.65	3.58	3.20	3.33	3.38	3.45	3.32
Strong task/organizational/data management skills	3.87	3.92	3.80	3.81	3.80	3.84	3.66

	ACCT	DSCI	ECON	FMKT	MGMT	CBE	WWU
Courses in your major	3.63	3.43	2.81	3.17	3.10	3.20	3.16
Courses outside your major	2.96	2.91	2.57	2.79	3.00	2.84	2.85
B.9 Of those who are employed, how Scale of 1 to 5: "not at all" to "extreme		you with	the job you	are curre	ntly in? (N=	=945. Mea	n reporte
	ACCT	DSCI	ECON	FMKT	MGMT	CBE	wwu
	3.75	3.91	3.20	3.43	3.23	3.46	3.51
	Respo	ndent Ed	ucation		<u> </u>		
B.10 Which of the following best desc	cribes your e	educationa	l plans for	the forese	eable futur	e? (N=108	3)
	ACCT	DSCI	ECON	FMKT	MGMT	CBE	wwu
I am currently enrolled in a college or university program	7%	4%	19%	13%	8%	11%	18%
I have been accepted into a college or university program	-	4%	3%	2%	-	2%	5%
B.11 Of those enrolled or accepted: re accepted to relative to your undergrad	-		-	gram you a	are currentl	y enrolled	l in or
	ACCT	DSCI	ECON	FMKT	MGMT	CBE	wwu
Same field	100%	-	38%	38%	33%	33%	39%
	-	50%	38%	63%	33%	52%	41%
Related field			25%	_	33%	15%	20%
	-	50%	23/0				
		preparatio	n for the e				rently
Different field B.12 Of those enrolled or accepted: A		preparatio	n for the e				rently WWU
	ean reported	preparatio I. Scale of	n for the e 1 - 5: "not a	t all" to "e>	stremely ad	equate.'')	-

### **Respondent Time to Degree**

B.13 To what extent did you find each of the following to be an impediment to the timely completion of your degree or a factor leading to a less than ideal educational experience at WWU? (N=1058. Mean reported. Scale of 1 - 4: "not at all" to "a lot.")

	ACCT	DSCI	ECON	FMKT	MGMT	CBE	WWU
Scheduling conflicts	2.31	2.39	2.36	2.55	2.70	2.49	2.44
Full courses	2.66	2.35	2.33	2.64	2.75	2.57	2.29
Poor or inadequate major advising	1.86	1.65	1.83	2.04	2.33	1.98	1.83
Number of credits required for your major	2.00	1.83	1.53	1.47	1.75	1.67	1.67
Grade or credit restrictions on desired major	1.45	1.74	1.26	1.51	1.60	1.50	1.54
Access to courses in your major	2.28	1.91	2.03	1.85	2.53	2.11	1.94

### **Respondent Major Satisfaction**

B.14 Excluding those who thought the item was "not applicable," how satisfied are you with each of the following aspects of your primary major and department within which it was located? (N=1036. Mean reported. Scale of 1 - 5: "not at all" to "very.")

	ACCT	DSCI	ECON	FMKT	MGMT	CBE	WWU
Course availability	3.76	3.83	3.97	3.69	3.26	3.68	3.86
Knowledge and expertise of faculty	4.41	3.96	4.35	4.17	4.31	4.24	4.42
Quality of instruction	4.17	3.88	4.17	3.92	3.90	4.00	4.22
Course requirements and sequences	4.28	3.83	4.06	3.93	3.82	3.97	4.06
Opportunities for class interaction and projects	4.21	4.08	4.09	4.24	4.26	4.19	4.26
Challenge level of courses	4.45	4.04	4.20	4.11	4.18	4.19	4.24
Department internships and service learning opportunities	3.40	3.36	2.64	3.18	3.11	3.14	3.36
Opportunities for independent study and research	2.94	3.14	2.85	2.89	3.00	2.95	3.46
Opportunities for involvement in faculty research	2.25	2.39	2.78	2.29	2.38	2.42	2.83
Overall department climate	4.00	3.57	4.09	3.79	3.71	3.83	4.07
Department advising for courses	3.65	3.39	3.62	3.46	2.87	3.38	3.77
Department advising for careers	4.00	3.33	3.00	3.34	2.63	3.22	3.27
Adequacy of lab or studio space and equipment	3.84	3.82	3.72	3.82	3.60	3.75	3.76
Adequacy of technology and software available	4.19	3.96	4.23	3.98	4.24	4.11	3.98
Library resources in your field	3.79	3.53	3.79	3.68	4.05	3.79	3.92
Classroom space and technology	3.79	3.74	3.80	4.06	4.03	3.92	3.86

### C.1 Alumni Characteristics

C.1 Alumni Characteristics					
	Elementary	Special Education	Human Services	Woodring	WWU
Number of graduates (N)	110	55	150	315	3032
% Female	91%	96%	87%	90%	58%
% Minority	14%	8%	19%	15%	16%
% Transfers	74%	44%	65%	64%	43%
% Running Start (RS) freshmen	2%	7%	7%	5%	9%
Mean age at graduation	29.4	26.2	31.4	29.8	24.5
Median age at graduation	24.5	23.0	25.5	24.0	23.0
Mean WWU GPA	3.68	3.55	3.44	3.54	3.16
Mean yrs to degree: freshmen	4.7	5.0	4.7	4.8	4.6
Mean yrs to degree: RS	4.8	3.7	4.2	4.2	4.1
Mean yrs to degree: transfers	3.0	3.1	2.4	2.7	3.0
C.2 Survey Respondent Characteri	stics	·			
	Elementary	Special Education	Human Services	Woodring	WWU
Number of graduates (N)	38	23	47	108	1093
% Female	90%	96%	85%	89%	58%
% Minority	22%	9%	20%	18%	15%
% Transfers	66%	44%	57%	63%	42%
% Running Start (RS) freshmen	-	4%	9%	5%	9%
Mean age at graduation	28.6	27.0	29.5	28.6	24.4
Median age at graduation	23.5	23.0	25.0	23.5	23.0
Mean WWU GPA	3.72	3.55	3.46	3.57	3.21
Mean yrs to degree: freshmen	4.7	4.9	3.9	4.5	4.6
Mean yrs to degree: RS	3.1	3.3	2.2	3.5	3.9
Mean yrs to degree: transfers	-	3.3	3.5	2.8	3.0

Re	espondent Em	ployment			
C.3 How well did your education at Wes reported. Scale of 1 to 5: "not at all" to "e		ou for success	s in the job n	narket? (N=968	8. Mean
	Elementary	Special Education	Human Services	Woodring	WWU
Mean	3.74	4.22	4.05	3.98	3.51
C.4 Are you currently employed? (N=108	36)				
	Elementary	Special Education	Human Services	Woodring	WWU
% Yes	92%	91%	94%	93%	88%
C.5 Of those who are employed: Which o (N=927)	of the followin Elementary	g job categor Special Education	ies best fits y Human Services	vour current oc Woodring	cupation WWU
Management, business & financial	6%	5%	5%	5%	21%
Science, engineering & computer professionals	26%	48%	12%	25%	22%
Healthcare	3%	-	2%	2%	7%
Other professional workers	52%	48%	26%	39%	19%
Technicians	-	-	2%	1%	2%
Sales	-	-	5%	2%	5%
Administrative support	3%	-	36%	17%	15%
Construction and extractive craft	-	-	-	-	1%
Installation, maintenance and repair craft	-	-	-	-	0%
Production operative	-	-	-	-	0%
Transportation and material moving operative	-	-	-	-	1%
Laborers and helpers	-	-	-	-	2%
Protective service	-	-	-	-	0%
Service, except protective	10%	_	12%	9%	6%

C.6 Of those who are employed: How closely is this job related to your major at WWU? (N=937)							
	Elementary	Special Education	Human Services	Woodring	WWU		
Same field	76%	91%	63%	74%	39%		
Related field	12%	-	24%	15%	30%		
Different field	12%	10%	12%	12%	30%		

C.7 Of those who are employed and whose job is in the SAME field as their major, please indicate how important the following skills are in your current job. (N=953. Mean reported. Scale of 1 to 4: "not at all" to "very.")

	Elementary	Special Education	Human Services	Woodring	WWU
Strong writing skills	3.84	3.63	3.38	3.61	3.32
Strong oral communication skills	3.96	4.00	4.00	3.99	3.84
Ability to critically analyze written information	3.68	3.68	3.35	3.56	3.52
Ability to define and solve problems	3.88	4.00	3.96	3.94	3.83
Ability to work or learn independently, without supervision	3.80	3.79	3.88	3.83	3.80
Ability to cooperate well, work in teams, etc.	3.84	3.89	3.77	3.83	3.67
Understanding and applying scientific principles and methods	2.96	2.56	2.27	2.59	2.52
Understanding and applying quantitative principles and methods	2.83	2.61	2.27	2.56	2.76
Awareness of cultural and personal differences among people	4.00	3.89	3.81	3.90	3.39
Working effectively with technology, including computers	3.52	3.47	2.92	3.29	3.54
Strong interpersonal management skills	3.80	3.84	3.84	3.83	3.55
Understanding organizations and how people behave in them	3.60	3.32	3.73	3.57	3.32
Strong task/organizational/data management skills	3.80	3.79	3.54	3.70	3.66

C.8 Of those who are employed: h this job? (N=940. Mean reported. S				tern in prepar	ing you for		
	Elementary	Special Education	Human Services	Woodring	WWU		
Courses in your major	3.47	3.86	3.64	3.63	3.16		
Courses outside your major	3.18	2.86	3.20	3.11	2.85		
C.9 Of those who are employed, h reported. Scale of 1 to 5: "not at all	•	with the job y	ou are curre/	ntly in? (N=94	15. Mean		
	Elementary	Special Education	Human Services	Woodring	WWU		
	3.88	3.90	3.67	3.79	3.51		
Respondent Education							

#### C.10 Which of the following best describes your educational plans for the foreseeable future? (N=1083)

	Elementary	Special Education	Human Services	Woodring	WWU
I am currently enrolled in a college or university program	11%	4%	28%	17%	18%
I have been accepted into a college or university program	3%	-	11%	6%	5%

## C.11 Of those enrolled or accepted: relationship of the educational program you are currently enrolled in or accepted to relative to your undergraduate major at Western. (N=230)

	Elementary	Special Education	Human Services	Woodring	WWU
Same field	25%	-	19%	19%	39%
Related field	50%	100%	63%	62%	41%
Different field	25%	-	19%	19%	20%

C.12 Of those enrolled or accepted: Adequacy of preparation for the educational program you are currently enrolled in or accepted to. (N=251. Mean reported. Scale of 1 - 5: "not at all" to "extremely adequate.")

	Elementary	Special Education	Human Services	Woodring	WWU
Courses in your major	2.50	4.00	3.69	3.48	3.67
Courses outside your major	3.50	4.00	3.50	3.52	3.22

### **Respondent Time to Degree**

C.13 To what extent did you find each of the following to be an impediment to the timely completion of your degree or a factor leading to a less than ideal educational experience at WWU? (N=1058. Mean reported. Scale of 1 - 4: "not at all" to "a lot.")

	Elementary	Special Education	Human Services	Woodring	WWU
Scheduling conflicts	2.00	2.70	1.84	2.09	2.44
Full courses	1.72	2.23	1.56	1.76	2.29
Poor or inadequate major advising	1.64	1.39	1.43	1.50	1.83
Number of credits required for your major	1.66	1.32	1.47	1.50	1.67
Grade or credit restrictions on desired major	1.49	1.39	1.35	1.41	1.54
Access to courses in your major	1.75	1.82	1.72	1.75	1.94

### **Respondent Major Satisfaction**

C.14 Excluding those who thought the item was "not applicable," how satisfied are you with each of the following aspects of your primary major and department within which it was located? (N=1036. Mean reported. Scale of 1 - 5: "not at all" to "very.")

	Elementary	Special Education	Human Services	Woodring	WWU
Course availability	4.20	4.09	4.14	4.15	3.86
Knowledge and expertise of faculty	4.38	4.61	4.79	4.60	4.42
Quality of instruction	4.17	4.35	4.71	4.44	4.22
Course requirements and sequences	4.00	4.00	4.58	4.25	4.06
Opportunities for class interaction and projects	4.54	4.57	4.71	4.62	4.26
Challenge level of courses	4.22	4.48	4.40	4.35	4.24
Department internships and service learning opportunities	4.31	4.43	4.64	4.48	3.36
Opportunities for independent study and research	3.91	3.71	4.25	4.02	3.46
Opportunities for involvement in faculty research	2.71	2.87	3.20	2.97	2.83
Overall department climate	4.03	4.26	4.68	4.35	4.07
Department advising for courses	3.59	4.48	4.67	4.25	3.77
Department advising for careers	3.69	4.27	4.28	4.06	3.27
Adequacy of lab or studio space and equipment	3.79	4.20	3.59	3.82	3.76
Adequacy of technology and software available	3.94	4.17	3.77	3.93	3.98
Library resources in your field	3.57	4.14	3.65	3.73	3.92
Classroom space and technology	4.03	3.70	3.90	3.90	3.86

	Fairhaven Major	Other major	Fairhaven: overall	WWU
Number of graduates (N)	88	27	115	3032
% Female	69%	59%	67%	58%
% Minority	27%	13%	23%	16%
% Transfers	53%	48%	52%	43%
% Running Start (RS) freshmen	11%	7%	10%	9%
Mean age at graduation	28.0	24.7	27.2	24.5
Median age at graduation	24.0	23.0	24.0	23.0
Mean WWU GPA	-	-	-	3.16
Mean yrs to degree: freshmen	4.7	5.4	4.9	4.6
Mean yrs to degree: RS	5.1	5.2	5.1	4.1
Mean yrs to degree: transfers	3.8	3.6	3.7	3.0
D.2 Survey Respondent Characteristics	l.		I	
	Fairhaven Major	Other major	Fairhaven: overall	WWU
Number of graduates (N)	25	10	35	1093
% Female	80%	60%	74%	58%
% Minority	17%	11%	16%	15%
% Transfers	48%	70%	54%	42%
% Running Start (RS) freshmen	12%	-	9%	9%
Mean age at graduation	32.4	26.0	30.6	24.4
Median age at graduation	27.0	23.0	24.0	23.0
Mean WWU GPA	-	-	-	3.21
Mean yrs to degree: freshmen	4.8	4.3	4.7	4.6
Mean yrs to degree: RS	5.3	_	5.3	3.9
Weall yis to degree. KS				

## D. Fairhaven College

#### **Respondent Employment**

## D.3 How well did your education at Western prepare you for success in the job market? (N=968. Mean reported. Scale of 1 to 5: "not at all" to "extremely.")

	Fairhaven Major	Other major	Fairhaven: overall	WWU
Mean	3.41	3.29	3.38	3.24

### D.4 Are you currently employed? (N=1086)

	Fairhaven Major	Other major	Fairhaven: overall	WWU
% Yes	72%	70%	71%	74%

## D.5 Of those who are employed: Which of the following job categories best fits your current occupation? (N=927)

	Fairhaven Major	Other major	Fairhaven: overall	WWU
Management, business & financial	6%	-	4%	17%
Science, engineering & computer professionals	12%	29%	17%	10%
Healthcare	6%	14%	8%	5%
Other professional workers	35%	29%	33%	29%
Technicians	-	-	-	2%
Sales	-	-	-	7%
Administrative support	18%	14%	17%	20%
Construction and extractive craft	-	-	-	2%
Installation, maintenance and repair craft	-	-	-	-
Production operative	-	-	-	-
Transportation and material moving operative	-	14%	4%	-
Laborers and helpers	6%	-	4%	7%
Protective service	-	-	-	-
Service, except protective	18%	-	13%	-

## D. Fairhaven College

D.6 Of those who are employed: How closely is this job related to your major at WWU? (N=937)						
	Fairhaven Major	Other major	Fairhaven: overall	WWU		
Same field	41%	33%	39%	51%		
Related field	41%	50%	44%	23%		
Different field	18%	17%	17%	26%		

D.7 Of those who are employed and whose job is in the SAME field as their major, please indicate how important the following skills are in your current job. (N=953. Mean reported. Scale of 1 to 4: "not at all" to "very.")

	Fairhaven Major	Other major	Fairhaven: overall	WWU
Strong writing skills	3.43	3.50	3.44	3.19
Strong oral communication skills	4.00	3.50	3.89	3.71
Ability to critically analyze written information	2.86	4.00	3.11	3.24
Ability to define and solve problems	3.57	3.50	3.56	3.67
Ability to work or learn independently, without supervision	4.00	3.50	3.89	3.71
Ability to cooperate well, work in teams, etc.	4.00	3.00	3.78	3.37
Understanding and applying scientific principles and methods	1.86	1.00	1.67	1.52
Understanding and applying quantitative principles and methods	1.83	1.00	1.63	1.57
Awareness of cultural and personal differences among people	3.86	3.50	3.78	3.24
Working effectively with technology, including computers	2.71	3.50	2.89	3.24
Strong interpersonal management skills	4.00	2.50	3.67	3.48
Understanding organizations and how people behave in them	3.29	3.00	3.22	3.00
Strong task/organizational/data management skills	3.71	3.50	3.67	3.67

D.8 Of those who are employed: how valuable were the courses you took at Western in preparing you for this job? (N=940. Mean reported. Scale of 1 to 4: "not at all" to "very."

	Fairhaven Major	Other major	Fairhaven: overall	WWU
Courses in your major	3.44	2.86	3.28	3.14
Courses outside your major	3.19	3.29	3.22	2.79

D.9 Of those who are employed, how satisfied are you with the job you are currently in? (N=945. Mean reported. Scale of 1 to 5: "not at all" to "extremely.")

Fairhaven Major	Other major	Fairhaven: overall	WWU
3.78	4.14	3.88	3.40

#### **Respondent Education**

D.10 Which of the following best describes your educational plans for the foreseeable future? (N=1083)

	Fairhaven Major	Other major	Fairhaven: overall	WWU
I am currently enrolled in a college or university program	24%	20%	23%	14%
I have been accepted into a college or university program	8%	10%	9%	2%

D.11 Of those enrolled or accepted: relationship of the educational program you are currently enrolled in or accepted to relative to your undergraduate major at Western. (N=230)

	Fairhaven Major	Other major	Fairhaven: overall	WWU
Same field	63%	50%	60%	56%
Related field	38%	50%	40%	11%
Different field	-	-	-	33%

D.12 Of those enrolled or accepted: Adequacy of preparation for the educational program you are currently enrolled in or accepted to. (N=251. Mean reported. Scale of 1 - 5: "not at all" to "extremely adequate.")

	Fairhaven Major	Other major	Fairhaven: overall	WWU
Courses in your major	4.50	4.00	4.40	3.33
Courses outside your major	3.50	4.00	3.63	3.29

## D. Fairhaven College

### **Respondent Time to Degree**

D.13 To what extent did you find each of the following to be an impediment to the timely completion of your degree or a factor leading to a less than ideal educational experience at WWU? (N=1058. Mean reported. Scale of 1 - 4: "not at all" to "a lot.")

	Fairhaven Major	Other major	Fairhaven: overall	WWU
Scheduling conflicts	2.48	2.22	2.41	2.74
Full courses	2.04	2.00	2.03	2.29
Poor or inadequate major advising	1.76	1.89	1.79	1.86
Number of credits required for your major	1.36	1.00	1.26	1.84
Grade or credit restrictions on desired major	1.52	1.00	1.38	1.56
Access to courses in your major	1.76	1.78	1.76	1.93

### **Respondent Major Satisfaction**

D.14 Excluding those who thought the item was "not applicable," how satisfied are you with each of the following aspects of your primary major and department within which it was located? (N=1036. Mean reported. Scale of 1 - 5: "not at all" to "very.")

	Fairhaven Major	Other major	Fairhaven: overall	WWU
Course availability	4.00	3.78	3.94	3.72
Knowledge and expertise of faculty	4.48	4.56	4.50	4.31
Quality of instruction	4.40	4.33	4.38	4.12
Course requirements and sequences	4.13	4.56	4.24	4.00
Opportunities for class interaction and projects	4.40	4.78	4.50	4.19
Challenge level of courses	4.20	4.11	4.18	4.16
Department internships and service learning opportunities	3.70	3.17	3.59	2.69
Opportunities for independent study and research	4.39	4.00	4.29	3.54
Opportunities for involvement in faculty research	2.84	3.00	2.88	2.37
Overall department climate	4.46	4.00	4.33	3.71
Department advising for courses	4.50	3.25	4.19	3.66
Department advising for careers	4.04	4.00	4.03	2.93
Adequacy of lab or studio space and equipment	3.41	4.00	3.58	3.29
Adequacy of technology and software available	3.95	4.00	3.97	3.70
Library resources in your field	3.83	4.44	4.00	4.09
Classroom space and technology	3.83	3.78	3.82	3.40

E.1 Alumni Characteristics									
	Art	Music	Theater	F&PA	WWU				
Number of graduates (N)	94	34	32	163	3032				
% Female	55%	53%	59%	56%	58%				
% Minority	17%	1%	3%	14%	16%				
% Transfers	44%	38%	41%	42%	43%				
% Running Start (RS) freshmen	5%	12%	9%	7%	9%				
Mean age at graduation	25.0	25.3	24.3	24.9	24.5				
Median age at graduation	23.0	23.5	23.0	23.0	23.0				
Mean WWU GPA	3.18	3.42	3.34	3.27	3.16				
Mean yrs to degree: freshmen	5.3	5.0	4.5	5.0	4.6				
Mean yrs to degree: RS	3.7	4.8	3.3	3.9	4.1				
Mean yrs to degree: transfers	3.6	4.2	2.5	3.5	3.0				
E.2 Survey Respondent Characteristics		1	1		1				
	Art	Music	Theater	F&PA	WWU				
Number of graduates (N)	30	15	14	59	1093				
% Female	57%	60%	37%	53%	58%				
% Minority	14%	13%	7%	12%	15%				
% Transfers	60%	47%	50%	54%	42%				
% Running Start (RS) freshmen	7%	7%	14%	9%	9%				
Mean age at graduation	24.3	25.7	24.6	24.7	24.4				
Median age at graduation	23.0	23.0	23.0	23.0	23.0				
Mean WWU GPA	3.29	3.51	3.38	3.37	3.21				
Mean yrs to degree: freshmen	6.6	5.0	4.7	5.6	4.6				
Mean yrs to degree: RS	3.5	6.0	2.7	3.7	3.9				
Mean yrs to degree: transfers	3.2	3.8	2.6	3.3	3.0				

Responden	it Employme	nt			
E.3 How well did your education at Western prepa reported. Scale of 1 to 5: "not at all" to "extremely."		cess in the	job market	? (N=968. ]	Mean
	Art	Music	Theater	F&PA	wwu
Mean	3.20	3.44	3.09	3.24	3.51
E.4 Are you currently employed? (N=1086)	1	1			1
	Art	Music	Theater	F&PA	wwu
% Yes	86%	64%	64%	74%	88%
E.5 Of those who are employed: Which of the follo (N=927)	owing job cate	gories best	fits your cu	irrent occu	pation?
	Art	Music	Theater	F&PA	wwu
Management, business & financial	13%	22%	25%	17%	21%
Science, engineering & computer professionals	13%	11%	-	10%	22%
Healthcare	4%	-	13%	5%	7%
Other professional workers	38%	33%	-	29%	19%
Technicians	-	-	13%	2%	2%
Sales	8%	-	13%	7%	5%
Administrative support	17%	22%	25%	20%	15%
Construction and extractive craft	4%	-	-	2%	1%
Installation, maintenance and repair craft	-	-	-	-	0%
Production operative	-	-	-	-	0%
Transportation and material moving operative	-	-	-	-	1%
Laborers and helpers	4%	11%	-	7%	2%
Protective service	-	-	-	-	0%
Service, except protective	-	-	-	-	6%

E.6 Of those who are employed: How closely is this job		Art Music Theater F&PA WW											
	Art	Music	Theater	F&PA	WWU								
Same field	48%	78%	33%	51%	39%								
Related field	28%	11%	22%	23%	30%								
Different field	24%	11%	44%	26%	30%								
E.7 Of those who are employed and whose job is in the important the following skills are in your current job. ( "very.")			· •										
	Art	Music	Theater	F&PA	wwu								
Strong writing skills	3.17	3.00	4.00	3.19	3.32								
Strong oral communication skills	3.58	3.83	4.00	3.71	3.84								
Ability to critically analyze written information	3.25	3.00	4.00	3.24	3.52								
Ability to define and solve problems	3.92	3.33	3.33	3.67	3.83								
Ability to work or learn independently, without supervision	3.83	3.67	3.33	3.71	3.80								
Ability to cooperate well, work in teams, etc.	3.58	2.83	4.00	3.37	3.67								
Understanding and applying scientific principles and methods	1.45	1.57	1.67	1.52	2.52								
Understanding and applying quantitative principles and methods	1.58	1.50	1.67	1.57	2.76								
Awareness of cultural and personal differences among people	3.00	3.67	3.33	3.24	3.39								
Working effectively with technology, including computers	3.75	2.33	3.00	3.24	3.54								
Strong interpersonal management skills	3.58	3.67	2.67	3.48	3.55								
Understanding organizations and how people behave in them	2.58	3.50	3.67	3.00	3.32								
Strong task/organizational/data management skills	3.83	3.67	3.00	3.67	3.66								

E.8 Of those who are employed: how valuable were the this job? (N=940. Mean reported. Scale of 1 to 4: "not at	•		Western in	preparing	; you for
tills job? (14-940. Mean reported. Scale of 1 to 4. not at	Art	Music	Theater	F&PA	wwu
Courses in your major	3.16	3.33	2.89	3.14	3.16
Courses outside your major	2.83	3.00	2.44	2.79	2.85
E.9 Of those who are employed, how satisfied are you reported. Scale of 1 to 5: "not at all" to "extremely.")	with the jo	b you are o	currently in	n? (N=945.	Mean
	Art	Music	Theater	F&PA	WWU
	3.54	3.67	2.78	3.40	3.51
Respondent E	ducation	1	1	I	I
E.10 Which of the following best describes your educat	tional plan	s for the f	oreseeable	future? (N	=1083)
	Art	Music	Theater	F&PA	wwu
I am currently enrolled in a college or university program	10%	14%	21%	14%	18%
I have been accepted into a college or university program	38%	7%	14%	2%	5%
E.11 Of those enrolled or accepted: relationship of the e or accepted to relative to your undergraduate major at			you are cu	rrently en	olled in
	Art	Music	Theater	F&PA	wwu
Same field	67%	67%	33%	56%	39%
Related field	-	-	33%	11%	41%
Different field	33%	33%	33%	33%	20%
E.12 Of those enrolled or accepted: Adequacy of preparent enrolled in or accepted to. (N=251. Mean reported. Scal					
	Art	Music	Theater	F&PA	wwu
					2 (7
Courses in your major	4.00	3.33	2.67	3.33	3.67

### **Respondent Time to Degree**

E.13 To what extent did you find each of the following to be an impediment to the timely completion of your degree or a factor leading to a less than ideal educational experience at WWU? (N=1058. Mean reported. Scale of 1 - 4: "not at all" to "a lot.")

	Art	Music	Theater	F&PA	WWU
Scheduling conflicts	2.66	2.86	2.93	2.74	2.44
Full courses	2.76	1.50	2.21	2.29	2.29
Poor or inadequate major advising	1.97	1.64	1.93	1.86	1.83
Number of credits required for your major	1.69	2.21	1.64	1.84	1.67
Grade or credit restrictions on desired major	1.52	1.54	1.57	1.56	1.54
Access to courses in your major	2.29	1.57	1.64	1.93	1.94

# Respondent Major Satisfaction E.14 Excluding those who thought the item was "not applicable," how satisfied are you with each of the

following aspects of your primary major and department within which it was located? (N=1036. Mean reported. Scale of 1 - 5: "not at all" to "very.")

	Art	Music	Theater	F&PA	WWU
Course availability	3.41	4.43	3.64	3.72	3.86
Knowledge and expertise of faculty	4.28	4.50	4.14	4.31	4.42
Quality of instruction	4.14	4.07	4.07	4.12	4.22
Course requirements and sequences	3.93	3.93	4.14	4.00	4.06
Opportunities for class interaction and projects	4.14	3.92	4.50	4.19	4.26
Challenge level of courses	4.03	4.46	4.07	4.16	4.24
Department internships and service learning opportunities	2.56	3.11	2.58	2.69	3.36
Opportunities for independent study and research	3.82	3.57	2.77	3.54	3.46
Opportunities for involvement in faculty research	2.25	2.13	2.50	2.37	2.83
Overall department climate	3.76	3.46	3.77	3.71	4.07
Department advising for courses	3.45	4.14	3.50	3.66	3.77
Department advising for careers	2.93	2.79	2.93	2.93	3.27
Adequacy of lab or studio space and equipment	3.62	3.29	2.50	3.29	3.76
Adequacy of technology and software available	4.07	3.93	2.55	3.70	3.98
Library resources in your field	3.92	4.93	3.50	4.09	3.92
Classroom space and technology	3.55	3.71	2.85	3.40	3.86

	Comm	English	History	Journalism	Liberal Studies	Modern & Classical Languages	Philosophy	CHSS	wwu
Number of graduates (N)	95	211	101	47	19	74	16	1307	3032
% Female	64%	62%	47%	60%	79%	80%	25%	65%	58%
% Minority	16%	14%	8%	11%	5%	17%	20%	16%	16%
% Transfers	45%	45%	49%	30%	26%	32%	38%	39%	43%
% Running Start (RS) freshmen	5%	10%	7%	11%	11%	7%	19%	9%	9%
Mean age at graduation	23.3	23.5	24.3	22.8	23.0	23.6	22.6	23.4	24.5
Median age at graduation	22.0	22.0	23.0	22.0	23.0	23.0	22.0	22.0	23.0
Mean WWU GPA	3.10	3.29	3.13	3.11	3.35	3.28	3.04	3.18	3.16
Mean yrs to degree: freshmen	4.2	4.4	4.9	4.3	4.4	4.5	5.0	4.4	4.6
Mean yrs to degree: RS	3.0	3.7	4.0	3.5	4.5	3.9	3.3	3.8	4.1
Mean yrs to degree: transfers	2.5	2.6	2.9	2.6	3.3	2.8	3.2	2.7	3.0
F.2 Survey Respondent Character	eristics	I	I		I	1	<u> </u>		
	Comm	English	History	Journalism	Liberal Studies	Modern & Classical Languages	Philosophy	CHSS	wwu
Number of graduates (N)	30	69	37	18	7	21	11	441	1093
% Female	73%	62%	46%	61%	71%	86%	36%	67%	58%
% Minority	29%	9%	3%	6%	-	32%	20%	16%	15%
% Transfers	43%	45%	51%	39%	29%	33%	27%	38%	42%
% Running Start (RS) freshmen	10%	7%	8%	-	-	10%	27%	10%	9%
Mean age at graduation	23.1	23.4	24.4	22.4	22.9	23.4	22.5	23.4	24.4
Median age at graduation	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	23.0
Mean WWU GPA	3.16	3.37	3.24	3.18	3.34	3.40	3.03	3.26	3.21
Mean yrs to degree: freshmen	4.2	4.3	4.9	4.3	4.1	4.2	5.3	4.3	4.6
Mean yrs to degree: RS	2.7	3.2	3.7	-	-	3.8	3.3	3.4	3.9
Mean yrs to degree: transfers	2.6	2.8	2.8	2.3	3.5	2.6	3.1	2.7	3.0

## F. College of Humanities and Social Sciences: Humanities Departments

		Res	pondent	Employmer	nt				
F.3 How well did your education a "not at all" to "extremely.")	it Westerr	n prepare y	you for su	ccess in the j	ob marke	t? (N=968. M	ean reported	l. Scale of	f 1 to 5:
	Comm	English	History	Journalism	Liberal Studies	Modern & Classical Languages	Philosophy	CHSS	wwu
Mean	3.84	3.23	3.13	3.89	3.80	3.20	2.78	3.38	3.51
F.4 Are you currently employed? (	N=1086)								
	Comm	English	History	Journalism	Liberal Studies	Modern & Classical Languages	Philosophy	CHSS	wwu
% Yes	93%	87%	78%	94%	86%	90%	73%	87%	88%
F.5 Of those who are employed: W	hich of th	ne followi	ng job cat	egories best	fits your c	urrent occup	ation? (N=92	27)	
	Comm	English	History	Journalism	Liberal Studies	Modern & Classical Languages	Philosophy	CHSS	wwu
Management, business & financial	21%	10%	-	29%	17%	-	13%	11%	21%
Science, engineering & computer professionals	7%	7%	14%	-	17%	29%	-	13%	22%
Healthcare	11%	5%	7%	6%	17%	-	-	10%	7%
Other professional workers	21%	26%	32%	41%	17%	41%	38%	22%	19%
Technicians	4%	3%	-	6%	-	-	13%	2%	2%
Sales	-	10%	4%	6%	33%	6%	13%	6%	5%
Administrative support	29%	19%	29%	12%	-	18%	25%	24%	15%
Construction and extractive craft	-	3%	4%	-	-	-	-	1%	1%
Installation, maintenance and repair craft	-	-	-	-	-	-	-	_	0%
Production operative	-	-	-	-	-	-	-	-	0%
Transportation and material moving operative	4%	-	-	-	-	-	-	-	1%
Laborers and helpers	-	7%	4%	-	-	-	-	2%	2%
Protective service	-	-	-	-	-	-	-	-	0%
Service, except protective	4%	9%	7%	-	-	6%	-	9%	6%

# F. College of Humanities and Social Sciences: Humanities Departments

	Comm	English	History	Journalism	Liberal Studies	Modern & Classical Languages	Philosophy	CHSS	wwu
Same field	11%	13%	31%	29%	-	11%	-	22%	39%
Related field	68%	23%	14%	41%	33%	29%	38%	32%	30%
Different field	21%	63%	55%	29%	67%	61%	63%	47%	30%
F.7 Of those who are employed an skills are in your current job. (N=					· -		how import	ant the fo	ollowing
	Comm	English	History	Journalism	Liberal Studies	Modern & Classical Languages	Philosophy	CHSS	wwu
Strong writing skills	3.33	3.50	3.44	4.00	-	3.00	-	3.37	3.32
Strong oral communication skills	4.00	3.75	3.78	4.00	-	4.00	-	3.89	3.84
Ability to critically analyze written information	3.33	3.25	3.56	4.00	-	4.00	-	3.52	3.52
Ability to define and solve problems	4.00	3.88	3.78	3.80	-	4.00	-	3.86	3.83
Ability to work or learn independently, without supervision	3.67	3.75	3.89	4.00	-	4.00	-	3.84	3.80
Ability to cooperate well, work in teams, etc.	3.33	3.00	3.33	4.00	-	4.00	-	3.63	3.67
Understanding and applying scientific principles and methods	1.33	2.00	2.00	2.40	-	3.00	-	2.40	2.52
Understanding and applying quantitative principles and methods	1.67	2.00	2.67	2.40	-	3.00	-	2.49	2.76
Awareness of cultural and personal differences among people	3.67	3.63	3.78	3.80	-	4.00	-	3.84	3.39
Working effectively with technology, including computers	3.33	3.13	3.44	3.80	-	3.50	-	3.38	3.54
Strong interpersonal management skills	3.67	3.63	3.56	4.00	-	4.00	-	3.66	3.55
Understanding organizations and how people behave in them	3.67	3.25	3.44	3.40	-	3.50	-	3.46	3.32
Strong task/organizational/data management skills	3.67	3.50	3.67	3.80	-	4.00	-	3.61	3.66

# F. College of Humanities and Social Sciences: Humanities Departments

	Comm	English	History	Journalism	Liberal Studies	Modern & Classical Languages	Philosophy	CHSS	wwu
Courses in your major	3.52	2.54	3.03	3.53	2.20	2.72	2.75	2.95	3.16
Courses outside your major	3.19	2.62	3.03	3.06	2.40	2.76	3.00	2.82	2.85
F.9 Of those who are employed, h "not at all" to "extremely.")	ow satisfi	ed are you	with the	job you are c	currently i	n? (N=945. N	lean reporte	d. Scale o	of 1 to 5:
	Comm	English	History	Journalism	Liberal Studies	Modern & Classical Languages	Philosophy	CHSS	wwu
	3.36	3.20	3.59	3.65	2.80	3.17	3.50	3.38	3.51
	1	Re	sponden	t Education		I	1 1		1
F.10 Which of the following best	describes	your educ	ational pl	ans for the fo	oreseeable	future? (N=	1083)		
	Comm	English	History	Journalism	Liberal Studies	Modern & Classical Languages	Philosophy	CHSS	wwu
I am currently enrolled in a college or university program	7%	35%	47%	17%	14%	20%	9%	25%	18%
I have been accepted into a college or university program	-	6%	3%	-	14%	5%	-	4%	5%
F.11 Of those enrolled or accepted to your undergraduate major at W		-	educatio	nal program	you are cu	irrently enro	lled in or acc	cepted to	relative
	Comm	English	History	Journalism	Liberal Studies	Modern & Classical Languages	Philosophy	CHSS	wwu
Same field	-	33%	39%	-	-	-	50%	40%	39%
Related field	50%	52%	39%	33%	67%	33%	17%	39%	41%
Different field	50%	15%	22%	67%	33%	67%	33%	21%	20%
F.12 Of those enrolled or accepted accepted to. (N=251. Mean report	-					•	currently en	colled in	or
	Comm	English	History	Journalism	Liberal Studies	Modern & Classical Languages	Philosophy	CHSS	wwu
Courses in your major	3.00	3.96	4.00	4.00	2.50	3.33	-	3.78	3.67

#### **Respondent Time to Degree**

F.13 To what extent did you find each of the following to be an impediment to the timely completion of your degree or a factor leading to a less than ideal educational experience at WWU? (N=1058. Mean reported. Scale of 1 - 4: "not at all" to "a lot.")

	Comm	English	History	Journalism	Liberal Studies	Modern & Classical Languages	Philosophy	CHSS	WWU
Scheduling conflicts	2.57	2.19	2.44	2.17	2.29	2.80	1.78	2.37	2.44
Full courses	2.50	2.13	2.41	2.17	2.00	2.60	1.50	2.31	2.29
Poor or inadequate major advising	1.61	1.74	1.85	1.78	1.29	2.20	1.20	1.75	1.83
Number of credits required for your major	1.43	1.50	1.53	1.83	1.14	1.60	1.70	1.52	1.67
Grade or credit restrictions on desired major	1.43	1.40	1.59	1.72	1.57	1.60	1.10	1.49	1.54
Access to courses in your major	2.00	1.63	1.97	1.94	1.71	2.05	1.22	1.89	1.94

### F. College of Humanities and Social Sciences: Humanities Departments

		Respon	ndent Ma	ijor Satisfac	tion				
F.14 Excluding those who thought your primary major and departme									
	Comm	English	History	Journalism	Liberal Studies	Modern & Classical Languages	Philosophy	CHSS	WWU
Course availability	3.88	4.19	3.91	4.35	4.00	3.70	4.56	3.97	3.86
Knowledge and expertise of faculty	4.54	4.54	4.44	4.56	5.00	4.55	4.80	4.51	4.42
Quality of instruction	4.42	4.39	4.26	4.44	4.86	4.10	4.60	4.30	4.22
Course requirements and sequences	4.08	3.99	4.06	4.06	4.29	3.75	4.70	4.10	4.06
Opportunities for class interaction and projects	4.68	4.26	3.94	4.39	4.29	3.95	4.22	4.26	4.26
Challenge level of courses	4.19	4.34	4.18	4.44	4.67	4.10	4.90	4.30	4.24
Department internships and service learning opportunities	4.12	2.65	3.38	4.11	2.67	2.72	2.67	3.34	3.36
Opportunities for independent study and research	4.13	2.98	3.29	3.24	5.00	2.93	3.88	3.48	3.46
Opportunities for involvement in faculty research	3.62	2.42	2.46	2.67	3.00	2.00	2.83	2.92	2.83
Overall department climate	4.36	4.12	4.12	4.33	4.57	4.10	4.80	4.12	4.07
Department advising for courses	4.00	3.76	3.97	4.22	4.83	3.95	4.80	3.90	3.77
Department advising for careers	3.61	2.83	3.19	3.47	4.17	2.50	3.67	3.20	3.27
Adequacy of lab or studio space and equipment	4.09	3.60	3.61	4.61	3.67	3.61	3.00	3.70	3.76
Adequacy of technology and software available	4.52	3.98	3.68	4.72	3.60	3.71	3.00	3.92	3.98
Library resources in your field	4.04	4.35	4.00	4.22	4.14	3.90	4.30	4.08	3.92
Classroom space and technology	4.42	3.82	3.85	4.59	4.29	3.65	3.90	3.87	3.86

#### G.1 Alumni Characteristics

Mean yrs to degree: transfers

	Anthro	CSD	PEHR	Political Science	Psychology	Sociology	CHSS	wwu
Number of graduates (N)	67	37	155	104	191	122	1307	3032
% Female	69%	92%	61%	52%	76%	75%	65%	58%
% Minority	17%	8%	17%	16%	17%	21%	16%	16%
% Transfers	46%	43%	37%	38%	41%	30%	39%	43%
% Running Start (RS) freshmen	10%	-	8%	9%	12%	7%	9%	9%
Mean age at graduation	23.8	22.9	23.5	23.4	23.4	22.9	23.4	24.5
Median age at graduation	22.0	22.0	23.0	22.0	22.0	22.0	22.0	23.0
Mean WWU GPA	3.20	3.31	3.08	3.15	3.21	3.13	3.18	3.16
Mean yrs to degree: freshmen	4.0	4.1	4.4	4.3	4.3	4.2	4.4	4.6
Mean yrs to degree: RS	3.4	-	4.2	3.7	3.6	3.1	3.8	4.1
Mean yrs to degree: transfers	2.9	2.5	2.8	2.5	2.9	2.7	2.7	3.0
G.2 Survey Respondent Charact	eristics	1	1	1			I	1
	Anthro	CSD	PEHR	Political Science	Psychology	Sociology	CHSS	wwu
Number of graduates (N)	19	12	46	31	73	40	441	1093
% Female	89%	100%	60%	39%	82%	73%	67%	58%
% Minority	11%	8%	21%	21%	17%	13%	16%	15%
% Transfers	42%	33%	38%	36%	38%	28%	38%	42%
% Running Start (RS) freshmen	16%	-	11%	13%	12%	8%	10%	9%
Mean age at graduation	24.1	22.4	24.8	23.1	23.3	22.8	23.4	24.4
Median age at graduation	22.0	22.0	23.0	22.0	22.0	22.0	22.0	23.0
Mean WWU GPA	3.39	3.46	3.14	3.35	3.30	3.14	3.3	3.2
Mean yrs to degree: freshmen	4.1	4.0	4.3	4.0	4.2	4.1	4.3	4.6
Mean yrs to degree: RS	2.7	-	3.8	3.8	3.1	2.9	3.4	3.9
	2 -				2.6		~ -	

2.5

2.3

2.6

3.1

2.7

3.0

2.3

3.7

	Res	ponden	t Employ	yment				
G.3 How well did your education a Scale of 1 to 5: "not at all" to "extrem	-	orepare y	ou for su	ccess in th	e job market	? (N=968. N	/lean rep	orted.
	Anthro	CSD	PEHR	Political Science	Psychology	Sociology	CHSS	WWU
Mean	3.05	3.50	3.49	3.21	3.56	3.39	3.38	3.51
G.4 Are you currently employed? (1	N=1086)							
	Anthro	CSD	PEHR	Political Science	Psychology	Sociology	CHSS	WWU
% Yes	90%	42%	89%	94%	89%	85%	87%	88%
G.5 Of those who are employed: W	hich of the	followin	ng job cat	egories be	st fits your cu	urrent occu	pation? (	N=927)
	Anthro	CSD	PEHR	Political Science	Psychology	Sociology	CHSS	WWU
Management, business & financial	18%	_	3%	22%	14%	6%	11%	21%
Science, engineering & computer professionals	6%	-	18%	11%	20%	9%	13%	22%
Healthcare	-	-	26%	7%	16%	6%	10%	7%
Other professional workers	24%	25%	18%	11%	13%	13%	22%	19%
Technicians	-	-	3%	-	-	-	2%	2%
Sales	6%	-	3%	4%	6%	3%	6%	5%
Administrative support	29%	50%	23%	33%	23%	34%	24%	15%
Construction and extractive craft	-	-	3%	-	-	-	1%	1%
Installation, maintenance and repair craft	_	-	_	-	-	_	-	0%
Production operative	-	-	-	-	-	-	-	0%
Transportation and material moving operative	-	-	-	-	-	-	-	1%
Laborers and helpers	-	-	-	4%	-	-	2%	2%
Protective service	-	-	-	-	-	3%	-	0%
Service, except protective	18%	25%	5%	7%	8%	25%	9%	6%

G.6 Of those who are employed: Ho	G.6 Of those who are employed: How closely is this job related to your major at WWU? (N=937)											
	AnthroCSDPEHRPolitical SciencePsychologySociologyCHSSWWI											
Same field	-	40%	43%	15%	27%	27%	22%	39%				
Related field	Related field         53%         40%         33%         15%         24%         49%         32%         30%											
Different field	47%	20%	23%	70%	48%	24%	47%	30%				

G.7 Of those who are employed and whose job is in the SAME field as their major, please indicate how important the following skills are in your current job. (N=953. Mean reported. Scale of 1 to 4: "not at all" to "very.")

	Anthro	CSD	PEHR	Political Science	Psychology	Sociology	CHSS	WWU
Strong writing skills	-	3.50	3.18	3.25	3.39	3.44	3.37	3.32
Strong oral communication skills	-	4.00	3.88	4.00	3.94	4.00	3.89	3.84
Ability to critically analyze written information	-	4.00	3.18	4.00	3.78	3.33	3.52	3.52
Ability to define and solve problems	-	4.00	3.65	4.00	3.94	4.00	3.86	3.83
Ability to work or learn independently, without supervision	-	4.00	3.82	4.00	3.78	3.78	3.84	3.80
Ability to cooperate well, work in teams, etc.	-	4.00	3.65	3.75	3.72	3.78	3.63	3.67
Understanding and applying scientific principles and methods	-	3.00	2.29	1.75	2.76	2.56	2.40	2.52
Understanding and applying quantitative principles and methods	-	1.50	2.47	2.25	2.47	3.11	2.49	2.76
Awareness of cultural and personal differences among people	-	4.00	3.82	4.00	3.89	4.00	3.84	3.39
Working effectively with technology, including computers	-	3.00	3.24	3.00	3.39	3.56	3.38	3.54
Strong interpersonal management skills	-	3.50	3.71	3.00	3.50	3.89	3.66	3.55
Understanding organizations and how people behave in them	-	3.50	3.44	3.25	3.39	3.67	3.46	3.32
Strong task/organizational/data management skills	-	4.00	3.47	3.25	3.50	3.78	3.61	3.66

G.8 Of those who are employed: ho (N=940. Mean reported. Scale of 1 to				you took	at Western ir	n preparing	you for	this job?
	Anthro	CSD	PEHR	Political Science	Psychology	Sociology	CHSS	WWU
Courses in your major	3.00	2.60	3.13	2.35	3.11	3.15	2.95	3.16
Courses outside your major	2.76	2.60	2.76	2.59	3.02	2.70	2.82	2.85
G.9 Of those who are employed, ho Scale of 1 to 5: "not at all" to "extrem		l are you	with the	job you ar	e currently in	n? (N=945.)	Mean rej	ported.
	Anthro	CSD	PEHR	Political Science	Psychology	Sociology	CHSS	wwu
	3.56	4.40	3.33	3.14	3.47	3.52	3.38	3.51
	R	esponde	nt Educa	ition				
G.10 Which of the following best de	escribes yo	our educa	itional pla	ans for the	foreseeable	future? (N	=1083)	
	Anthro	CSD	PEHR	Political Science	Psychology	Sociology	CHSS	WWU
I am currently enrolled in a college or university program	26%	75%	31%	13%	21%	13%	25%	18%
I have been accepted into a college or university program	11%	8%	4%	7%	4%	-	4%	5%
G.11 Of those enrolled or accepted: accepted to relative to your undergr		-			m you are cu	rrently enr	olled in o	or
	Anthro	CSD	PEHR	Political Science	Psychology	Sociology	CHSS	WWU
Same field	17%	100%	40%	50%	50%	20%	40%	39%
Related field	33%	-	53%	17%	25%	60%	39%	41%
Different field	50%	-	7%	33%	25%	20%	21%	20%
G.12 Of those enrolled or accepted: enrolled in or accepted to. (N=251. N								y
	Anthro	CSD	PEHR	Political Science	Psychology	Sociology	CHSS	WWU
Courses in your major	3.17	4.33	3.80	3.00	3.88	3.80	3.78	3.67
Courses outside your major	2.67	3.88	3.46	3.17	3.33	2.80	3.21	3.22

#### **Respondent Time to Degree**

G.13 To what extent did you find each of the following to be an impediment to the timely completion of your degree or a factor leading to a less than ideal educational experience at WWU? (N=1058. Mean reported. Scale of 1 - 4: "not at all" to "a lot.")

	Anthro	CSD	PEHR	Political Science	Psychology	Sociology	CHSS	WWU
Scheduling conflicts	2.58	2.00	2.23	2.59	2.30	2.41	2.37	2.44
Full courses	2.11	1.75	2.37	2.89	2.34	2.46	2.31	2.29
Poor or inadequate major advising	1.53	1.25	1.63	2.31	1.74	1.59	1.75	1.83
Number of credits required for your major	1.42	1.33	1.79	1.50	1.47	1.28	1.52	1.67
Grade or credit restrictions on desired major	1.74	1.67	1.60	1.41	1.37	1.44	1.49	1.54
Access to courses in your major	1.84	1.42	1.65	2.62	1.89	1.95	1.89	1.94

#### **Respondent Major Satisfaction**

G.14 Excluding those who thought the item was "not applicable," how satisfied are you with each of the following aspects of your primary major and department within which it was located? (N=1036. Mean reported. Scale of 1 - 5: "not at all" to "very.")

	Anthro	CSD	PEHR	Political Science	Psychology	Sociology	CHSS	WWU
Course availability	4.21	4.75	4.10	3.36	3.83	3.86	3.97	3.86
Knowledge and expertise of faculty	4.74	4.42	4.45	4.43	4.46	4.61	4.51	4.42
Quality of instruction	4.26	4.08	4.12	4.32	4.26	4.45	4.30	4.22
Course requirements and sequences	4.21	4.33	4.23	4.25	4.11	4.16	4.10	4.06
Opportunities for class interaction and projects	4.26	4.33	4.51	4.00	4.13	4.55	4.26	4.26
Challenge level of courses	4.42	4.33	4.36	4.15	4.35	4.37	4.30	4.24
Department internships and service learning opportunities	3.67	3.73	4.10	3.21	3.00	3.47	3.34	3.36
Opportunities for independent study and research	4.24	3.60	3.38	3.00	3.48	3.97	3.48	3.46
Opportunities for involvement in faculty research	3.67	3.10	3.00	2.45	3.31	3.52	2.92	2.83
Overall department climate	4.37	3.42	4.17	3.82	3.93	4.41	4.12	4.07
Department advising for courses	4.28	4.33	4.17	3.38	3.67	3.89	3.90	3.77
Department advising for careers	3.53	4.08	3.71	2.92	2.98	3.24	3.20	3.27
Adequacy of lab or studio space and equipment	3.13	2.67	3.86	3.06	3.80	3.70	3.70	3.76
Adequacy of technology and software available	3.29	2.92	3.87	3.86	4.00	3.92	3.92	3.98
Library resources in your field	3.84	3.83	4.10	4.00	4.09	4.05	4.08	3.92
Classroom space and technology	3.56	3.00	3.90	3.54	3.89	3.89	3.87	3.86

#### H.1 Alumni Characteristics

	Env. Science	Env. Studies	Combined Major	Huxley	WWU
Number of graduates (N)	47	91	15	153	3032
% Female	55%	56%	53%	56%	58%
% Minority	5%	11%	13%	10%	16%
% Transfers	30%	36%	20%	33%	43%
% Running Start (RS) freshmen	13%	11%	27%	13%	9%
Mean age at graduation	24.5	24.8	22.6	24.5	24.5
Median age at graduation	23.0	23.0	22.0	23.0	23.0
Mean WWU GPA	3.28	3.25	3.17	3.26	3.16
Mean yrs to degree: freshmen	4.5	4.8	4.3	4.7	4.6
Mean yrs to degree: RS	4.6	4.8	3.5	4.5	4.1
Mean yrs to degree: transfers	2.8	3.0	5.1	3.1	3.0
H.2 Survey Respondent Characteristics		1			
	Env. Science	Env. Studies	Combined Major	Huxley	WWU
Number of graduates (N)	20	33	7	60	1093
% Female	60%	61%	57%	60%	58%
% Minority	6%	6%	-	6%	15%
% Transfers	35%	24%	14%	27%	42%
% Running Start (RS) freshmen	10%	15%	14%	13%	9%
Mean age at graduation	25.0	24.5	21.9	24.4	24.4
Median age at graduation	23.0	23.0	22.0	23.0	23.0
Mean WWU GPA	3.40	3.24	3.20	3.29	3.21
Mean yrs to degree: freshmen	4.3	4.8	4.0	4.6	4.6
Mean yrs to degree: RS	3.5	5.7	4.0	5.0	3.9
Mean yrs to degree: transfers	3.5	3.4	2.0	2.9	3.0

Responde	ent Employn	nent			
H.3 How well did your education at Western pro reported. Scale of 1 to 5: "not at all" to "extremel		success in t	the job mark	et? (N=968	. Mean
	Env. Science	Env. Studies	Combined Major	Huxley	WWU
Mean	3.72	3.57	4.14	3.69	3.51
H.4 Are you currently employed? (N=1086)					
	Env. Science	Env. Studies	Combined Major	Huxley	WWU
% Yes	90%	78%	86%	83%	88%
H.5 Of those who are employed: Which of the fo (N=927)	ollowing job c	ategories ł	oest fits your	current oc	cupation
	Env. Science	Env. Studies	Combined Major	Huxley	WWU
Management, business & financial	-	8%	33%	8%	21%
Science, engineering & computer professionals	61%	25%	17%	38%	22%
Healthcare	-	-	17%	2%	7%
Other professional workers	6%	42%	17%	25%	19%
Technicians	11%	-	-	4%	2%
Sales	-	4%	-	2%	5%
Administrative support	17%	13%	17%	15%	15%
Construction and extractive craft	-	-	-	-	1%
Installation, maintenance and repair craft	-	-	-	-	0%
Production operative	-	-	-	-	0%
Transportation and material moving operative	6%	-	-	2%	1%
Laborers and helpers	-	-	-	-	2%
Protective service	-	-	-	-	0%
Service, except protective	-	8%	-	4%	6%

H.6 Of those who are employed: How closely is thi	is job relate	ed to your r	najor at WW	/U? (N=937	)
	Env. Science	Env. Studies	Combined Major	Huxley	WWU
Same field	44%	64%	17%	51%	39%
Related field	44%	8%	50%	27%	30%
Different field	11%	28%	33%	22%	30%

H.7 Of those who are employed and whose job is in the SAME field as their major, please indicate how important the following skills are in your current job. (N=953. Mean reported. Scale of 1 to 4: "not at all" to "very.")

	Env. Science	Env. Studies	Combined Major	Huxley	WWU
Strong writing skills	3.25	3.19	4.00	3.24	3.32
Strong oral communication skills	4.00	3.87	4.00	3.92	3.84
Ability to critically analyze written information	3.63	3.25	4.00	3.40	3.52
Ability to define and solve problems	3.88	3.94	3.00	3.88	3.83
Ability to work or learn independently, without supervision	3.75	3.81	4.00	3.80	3.80
Ability to cooperate well, work in teams, etc.	4.00	3.88	3.00	3.88	3.67
Understanding and applying scientific principles and methods	3.50	2.44	3.00	2.80	2.52
Understanding and applying quantitative principles and methods	3.38	2.50	3.00	2.80	2.76
Awareness of cultural and personal differences among people	3.25	3.25	4.00	3.28	3.39
Working effectively with technology, including computers	3.88	3.19	4.00	3.44	3.54
Strong interpersonal management skills	3.50	3.25	3.00	3.32	3.55
Understanding organizations and how people behave in them	3.75	3.38	3.00	3.48	3.32
Strong task/organizational/data management skills	4.00	3.13	3.00	3.40	3.66

H.8 Of those who are employed: how valuable were the courses you took at Western in preparing you for this job? (N=940. Mean reported. Scale of 1 to 4: "not at all" to "very."								
	Env. Science	Env. Studies	Combined Major	Huxley	WWU			
Courses in your major	3.41	3.24	3.67	3.35	3.16			
Courses outside your major	3.00	2.92	3.50	3.02	2.85			

H.9 Of those who are employed, how satisfied are you with the job you are currently in? (N=945. Mean reported. Scale of 1 to 5: "not at all" to "extremely.")

Env. Science	Env. Studies	Combined Major	Huxley	WWU
3.83	3.52	3.83	3.67	3.51

#### **Respondent Education**

#### H.10 Which of the following best describes your educational plans for the foreseeable future? (N=1083)

	Env. Science	Env. Studies	Combined Major	Huxley	WWU
I am currently enrolled in a college or university program	10%	9%	-	9%	18%
I have been accepted into a college or university program	15%	3%	-	7%	5%

H.11 Of those enrolled or accepted: relationship of the educational program you are currently enrolled in or accepted to relative to your undergraduate major at Western. (N=230)

	Env. Science	Env. Studies	Combined Major	Huxley	WWU				
Same field	20%	33%	-	25%	39%				
Related field	60%	67%	-	63%	41%				
Different field	20%	-	-	13%	20%				

H.12 Of those enrolled or accepted: Adequacy of preparation for the educational program you are currently enrolled in or accepted to. (N=251. Mean reported. Scale of 1 - 5: "not at all" to "extremely adequate.")

	Env. Science	Env. Studies	Combined Major	Huxley	WWU
Courses in your major	3.00	3.33	-	3.13	3.67
Courses outside your major	3.40	3.33	-	3.38	3.22

#### **Respondent Time to Degree**

H.13 To what extent did you find each of the following to be an impediment to the timely completion of your degree or a factor leading to a less than ideal educational experience at WWU? (N=1058. Mean reported. Scale of 1 - 4: "not at all" to "a lot.")

	Env. Science	Env. Studies	Combined Major	Huxley	WWU
Scheduling conflicts	2.70	2.56	2.86	2.64	2.44
Full courses	2.06	2.28	2.57	2.25	2.29
Poor or inadequate major advising	1.90	1.75	2.29	1.86	1.83
Number of credits required for your major	1.70	1.53	1.57	1.59	1.67
Grade or credit restrictions on desired major	1.55	1.39	1.14	1.41	1.54
Access to courses in your major	1.65	1.91	2.43	1.88	1.94

Respondent N	lajor Satis	faction			
H.14 Excluding those who thought the item was " following aspects of your primary major and depa reported. Scale of 1 - 5: "not at all" to "very.")					
	Env. Science	Env. Studies	Combined Major	Huxley	WWU
Course availability	3.80	2.86	3.43	3.78	3.86
Knowledge and expertise of faculty	4.50	2.57	4.57	4.36	4.42
Quality of instruction	4.45	2.29	4.29	4.22	4.22
Course requirements and sequences	4.35	1.57	3.86	4.03	4.06
Opportunities for class interaction and projects	4.20	1.14	4.14	4.36	4.26
Challenge level of courses	4.30	2.43	4.00	4.08	4.24
Department internships and service learning opportunities	3.89	2.86	3.00	3.64	3.36
Opportunities for independent study and research	3.17	2.57	3.57	3.40	3.46
Opportunities for involvement in faculty research	2.94	2.29	2.80	2.77	2.83
Overall department climate	4.37	1.57	4.14	4.28	4.07
Department advising for courses	3.95	1.14	3.67	3.85	3.77
Department advising for careers	3.32	2.43	2.83	3.20	3.27
Adequacy of lab or studio space and equipment	3.80	2.86	4.33	3.77	3.76
Adequacy of technology and software available	4.05	2.57	4.33	4.00	3.98
Library resources in your field	3.68	2.29	4.00	3.81	3.92
Classroom space and technology	3.55	1.57	3.86	3.68	3.86

	Biology	Chem	Computer Science	Engineering Tech	Geology	Math	Physics	Science Education	CST	wwu
Number of graduates (N)	86	42	46	86	28	42	12	6	350	3032
% Female	58%	38%	11%	12%	32%	41%	25%	83%	33%	58%
% Minority	13%	5%	18%	17%	-	10%	9%	-	12%	16%
% Transfers	51%	29%	54%	43%	46%	45%	17%	50%	45%	43%
% Running Start (RS) freshmen	11%	17%	9%	5%	4%	2%	25%	-	8%	9%
Mean age at graduation	23.5	22.9	24.0	24.2	23.8	23.3	22.9	28.7	23.7	24.5
Median age at graduation	22.5	23.0	23.0	23.0	23.0	22.0	23.0	24.5	23.0	23.0
Mean WWU GPA	3.13	3.12	3.00	3.03	2.93	3.30	3.30	3.60	3.10	3.16
Mean yrs to degree: freshmen	4.5	4.8	4.9	5.1	4.8	4.6	4.9	4.8	4.8	4.6
Mean yrs to degree: RS	2.7	3.0	3.5	3.7	3.6	3.2	3.7	3.4	4.1	4.1
Mean yrs to degree: transfers	4.1	4.0	4.0	4.6	4.3	3.0	4.0	-	3.3	3.0
I.2 Survey Respondent Charact	eristics		1	1			1			1
	Biology	Chem	Computer Science	Engineering Tech	Geology	Math	Physics	Science Education	CST	wwu
Number of graduates (N)	38	22	25	29	11	20	3	4	153	1093
% Female	51%	32%	20%	18%	27%	45%	-	75%	34%	58%
% Minority	15%	5%	14%	12%	-	11%	33%	-	12%	15%
% Transfers	56%	36%	56%	32%	27%	45%	33%	50%	46%	42%
% Running Start (RS) freshmen	15%	18%	12%	11%	9%	-	-	-	11%	9%
Mean age at graduation	23.0	22.3	23.6	23.9	23.0	23.5	23.3	31.8	23.5	24.4
Median age at graduation	22.0	22.0	23.0	23.0	23.0	22.0	23.0	31.5	23.0	23.0
Mean WWU GPA	3.13	3.12	2.98	3.12	3.06	3.24	3.53	3.57	3.13	3.21
Mean yrs to degree: freshmen	4.4	4.4	5.0	4.9	4.6	4.5	5.0	4.7	4.7	4.6
Mean yrs to degree: RS	4.1	3.5	3.8	4.8	4.3	-	-	-	4.0	3.9
Mean yrs to degree: transfers	3.0	3.0	3.7	3.0	3.6	3.5	3.7	4.2	3.3	3.0

		F	Responden	t Employm	ent					
I.3 How well did your education a at all" to "extremely.")	at Western	n prepar	e you for su	ccess in the j	ob marke	t? (N=90	68. Mean	reported. Sc	ale of 1 t	to 5: ''not
	Biology	Chem	Computer Science	Engineering Tech	Geology	Math	Physics	Science Education	CST	wwu
Mean	3.38	3.76	3.96	3.69	3.18	3.72	3.50	3.75	3.63	3.51
I.4 Are you currently employed? (	N=1086)									
	Biology	Chem	Computer Science	Engineering Tech	Geology	Math	Physics	Science Education	CST	wwu
% Yes	95%	86%	100%	90%	100%	85%	33%	100%	92%	88%
I.5 Of those who are employed: W	/hich of t	he follov	wing job cat	egories best	fits your c	urrent o	occupatio	n? (N=927)		1
	Biology	Chem	Computer Science	Engineering Tech	Geology	Math	Physics	Science Education	CST	wwu
Management, business & financial	6%	-	8%	12%	18%	12%	-	25%	9%	21%
Science, engineering & computer professionals	50%	58%	88%	62%	55%	53%	-	50%	61%	22%
Healthcare	11%	11%	-	-	-	6%	-	-	5%	7%
Other professional workers	8%	11%	4%	4%	9%	24%	-	-	9%	19%
Technicians	8%	11%	-	12%	-	-	-	-	6%	2%
Sales	6%		-	-	-	-	-	-	1%	5%
Administrative support	3%	5%	-	-	-	-	-	25%	2%	15%
Construction and extractive craft	-	-	-	-	-	-	-	-	-	1%
Installation, maintenance and repair craft	-	-	-	8%	-	-	-	-	1%	0%
Production operative	3%	5%	-	4%	-	-	-	-	2%	0%
Transportation and material moving operative	-	-	-	-	-	-	-	-	-	1%
Laborers and helpers	3%	-	-	-	-	-	-	-	1%	2%
Protective service	-	-	-	-	18%	-	-	-	1%	0%
Service, except protective	3%	-	_	-	-	6%	100%	_	2%	6%

	Biology	Chem	Computer Science	Engineering Tech	Geology	Math	Physics	Science Education	CST	wwu
Same field	36%	41%	88%	58%	46%	71%	100%	25%	56%	39%
Related field	44%	53%	12%	27%	27%	24%	-	50%	32%	30%
Different field	19%	6%	-	15%	27%	6%	-	25%	12%	30%
I.7 Of those who are employed ar skills are in your current job. (N=		,			· · •		licate how	v important i	the follo	wing
	Biology	Chem	Computer Science	Engineering Tech	Geology	Math	Physics	Science Education	CST	wwu
Strong writing skills	3.08	3.29	2.86	2.53	3.40	2.83	4.00	4.00	2.91	3.32
Strong oral communication skills	3.69	3.43	3.41	3.67	3.60	3.92	4.00	4.00	3.62	3.84
Ability to critically analyze written information	3.31	3.86	3.77	3.40	3.60	3.25	4.00	4.00	3.53	3.52
Ability to define and solve problems	3.62	3.86	3.86	3.86	3.80	3.83	4.00	4.00	3.82	3.83
Ability to work or learn independently, without supervision	3.54	4.00	3.82	3.67	3.40	3.92	4.00	4.00	3.75	3.80
Ability to cooperate well, work in teams, etc.	3.62	3.71	3.64	3.33	3.40	3.75	4.00	4.00	3.60	3.67
Understanding and applying scientific principles and methods	3.46	4.00	3.00	3.20	4.00	2.92	4.00	4.00	3.30	2.52
Understanding and applying quantitative principles and methods	3.15	4.00	3.27	3.20	3.20	3.45	3.00	4.00	3.34	2.76
Awareness of cultural and personal differences among people	2.92	2.71	2.65	2.53	2.40	3.92	3.00	4.00	2.88	3.39
Working effectively with technology, including computers	3.46	4.00	3.86	4.00	3.80	3.83	3.00	4.00	3.82	3.54
Strong interpersonal management skills	2.92	3.71	2.95	2.93	3.20	3.58	3.00	4.00	3.16	3.55
Understanding organizations and how people behave in them	2.77	3.00	2.77	2.60	2.20	3.45	2.00	4.00	2.84	3.32
Strong task/ organizational/ data management skills	3.62	3.86	3.52	3.20	4.00	3.75	3.00	4.00	3.58	3.66

	Biology	Chem	Computer Science	Engineering Tech	Geology	Math	Physics	Science Education	CST	wwu
Courses in your major	2.97	3.53	3.68	3.42	3.18	3.53	4.00	3.50	3.37	3.16
Courses outside your major	2.75	3.06	2.64	2.31	2.64	2.69	3.00	2.75	2.67	2.85
I.9 Of those who are employed, h "not at all" to "extremely.")	low satisfi	ed are y	ou with the	job you are o	currently i	n? (N=9	45. Mean	reported. S	cale of 1	to 5:
	Biology	Chem	Computer Science	Engineering Tech	Geology	Math	Physics	Science Education	CST	wwu
	3.22	3.58	4.04	3.73	3.64	4.12	5.00	3.75	3.69	3.51
			Responde	ent Educatio	n					
I.10 Which of the following best	describes	your ed	ucational pl	ans for the fo	oreseeable	future	• (N=1083	)		
	Biology	Chem	Computer Science	Engineering Tech	Geology	Math	Physics	Science Education	CST	wwu
I am currently enrolled in a college or university program	18%	36%	8%	-	9%	15%	-	-	14%	18%
I have been accepted into a college or university program	13%	9%	4%	3%	18%	5%	67%	-	9%	5%
I.11 Of those enrolled or accepted your undergraduate major at Wes			he educatio	nal program	you are cı	urrently	enrolled	in or accept	ed to rela	ative to
	Biology	Chem	Computer Science	Engineering Tech	Geology	Math	Physics	Science Education	CST	wwu
Same field	30%	56%	100%	-	67%	25%	100%	-	52%	39%
Related field	60%	33%	-	-	33%	25%	-	-	36%	41%
Different field	10%	11%	-	-		50%	-	-	13%	20%
I.12 Of those enrolled or accepted to. (N=251. Mean reported. Scale						ram you	are curre	ently enrolle	d in or a	ccepted
	Biology	Chem	Computer Science	Engineering Tech	Geology	Math	Physics	Science Education	CST	wwu
Courses in your major	3.90	4.56	5.00	-	5.00	3.75	3.50	-	4.26	3.67
	-		1	1						+

#### **Respondent Time to Degree**

I.13 To what extent did you find each of the following to be an impediment to the timely completion of your degree or a factor leading to a less than ideal educational experience at WWU? (N=1058. Mean reported. Scale of 1 - 4: "not at all" to "a lot.")

	Biology	Chem	Computer Science	Engineering Tech	Geology	Math	Physics	Science Education	CST	wwu
Scheduling conflicts	2.70	2.70	2.56	2.66	2.55	2.15	1.67	2.50	2.57	2.44
Full courses	2.49	2.20	2.08	2.52	2.18	1.60	1.33	2.50	2.22	2.29
Poor or inadequate major advising	2.08	1.80	1.36	1.93	1.73	1.85	1.33	2.00	1.81	1.83
Number of credits required for your major	1.86	2.10	2.64	2.31	2.09	1.50	1.67	2.75	2.11	1.67
Grade or credit restrictions on desired major	1.57	1.65	1.72	1.59	1.55	1.30	1.00	1.75	1.56	1.54
Access to courses in your major	2.19	1.70	1.64	2.24	2.09	1.35	1.00	2.00	1.89	1.94

		Res	pondent N	lajor Satisfa	action					
I.14 Excluding those who though primary major and department w										of your
	Biology	Chem	Computer Science	Engineering Tech	Geology	Math	Physics	Science Education	CST	wwu
Course availability	3.66	4.00	4.17	3.41	3.91	3.95	3.33	4.33	3.80	3.86
Knowledge and expertise of faculty	4.42	4.65	4.30	4.38	4.55	4.30	4.33	4.25	4.41	4.42
Quality of instruction	4.36	4.40	4.00	3.97	4.45	3.85	4.00	4.25	4.16	4.22
Course requirements and sequences	3.89	4.30	3.79	3.76	4.09	4.00	4.33	4.25	3.96	4.06
Opportunities for class interaction and projects	3.97	4.15	3.92	4.38	4.36	3.89	4.00	4.50	4.11	4.26
Challenge level of courses	4.50	4.45	4.08	4.21	4.27	4.10	4.33	4.00	4.29	4.24
Department internships and service learning opportunities	2.88	3.85	2.82	2.77	2.36	3.07	2.67	4.75	3.05	3.36
Opportunities for independent study and research	3.14	4.15	3.25	3.78	3.64	3.38	2.50	3.50	3.51	3.46
Opportunities for involvement in faculty research	3.18	4.40	2.76	3.30	2.45	2.09	3.67	4.00	3.19	2.83
Overall department climate	4.08	4.55	4.36	3.79	4.64	3.90	4.67	4.25	4.16	4.07
Department advising for courses	3.17	4.05	4.17	3.55	3.36	3.65	4.00	3.50	3.63	3.77
Department advising for careers	2.43	3.42	3.82	3.28	3.27	3.10	4.00	3.75	3.17	3.27
Adequacy of lab or studio space and equipment	3.92	4.50	4.61	4.00	4.27	4.06	4.67	4.00	4.19	3.76
Adequacy of technology and software available	3.67	4.45	4.52	4.07	4.18	4.42	4.33	4.25	4.16	3.98
Library resources in your field	3.97	3.95	3.79	3.07	4.09	3.63	4.00	4.00	3.72	3.92
Classroom space and technology	3.97	4.30	4.43	3.54	3.70	3.85	5.00	3.75	3.98	3.86