

Department of Biological Sciences							
Program-initiated Goal or Objective	Where, When, and How Monitored	Expectation for Satisfactory Performance	Decision Point	Observations of Student Performance	When and By Whom Were Results Analyzed?	Outcome of Analysis	Dept. or Program Follow-up
Goal # 1 Students will develop a broad knowledge of the concepts of biology	ETS Major Field Test in Biology administered to Fall 2006, Spring and Summer 2007 Seniors graduating with the BA or BS in Biological Sciences. Fall 05 and 6-year results reviewed by Director of Undergraduate Program Assessment	Mean Scores for WSU students higher than 50% of mean scores for reporting institutions	Mean Scores for WSU students higher than 50% of mean scores for reporting institutions	Not applicable. Assessment is of mean performance only as compared to other institutional means	Dept. meeting date _____ or Individual analysis (describe)? Director of Undergraduate Program Assessment	XObjective wholly satisfied <input type="checkbox"/> Objective not wholly satisfied. Follow-up strategy is _____ _____ _____ _____	XNone required <input type="checkbox"/> Follow-up completion on date _____ <input type="checkbox"/> Will re-examine by date _____
Goal # 2 Students will develop the intellectual and mechanical skills required for comprehending and conducting biological research	Assessment of student performance (mean GPA and course portfolio) in Biol 418, 419 and 420 by instructor with review by DAC and faculty. Data collected but not yet reviewed.			How many students __ exceeded __ met __ did not meet expectations? __ exempted __ Total	Dept. meeting date _____ or Individual analysis (describe)?	Objective wholly satisfied X Objective not wholly satisfied. X Follow-up strategy is <u>Data to be reviewed by DAC and Faculty in Fall 2007</u>	None required X Follow-up completion on date Dec. 1, 2007 <input type="checkbox"/> Will re-examine by date _____
Goal # 3 Students will participate in research and scholarship activity through interactions among students, faculty and professional biologists in the community	Assessment of student performance by review of written term or research papers by mentor, by DAC and by faculty. Papers collected but not yet reviewed by DAC or faculty.			How many students __ exceeded __ met __ did not meet expectations? __ exempted __ Total	Dept. meeting date _____ or Individual analysis (describe)? _____ _____	Objective wholly satisfied X Objective not wholly satisfied. Follow-up strategy is <u>Papers to be reviewed by DAC and faculty in Fall 2007</u>	None required X Follow-up completion on date Dec. 1, 2007 <input type="checkbox"/> Will re-examine by date _____
Goal # 4 Student assessment will be included as a part of the department's review of the undergraduate program.	Administration of Graduating Senior Questionnaire during last semester of degree completion.			Not Applicable. Assessment is of departmental performance according to student perception	Dept. meeting date _____ or Individual analysis (describe)? Director of Undergraduate Program Assessment	XObjective wholly satisfied Objective not wholly satisfied. Follow-up strategy is <u>Data summary to be further reviewed by DAC and faculty in Fall 2007</u>	X None required <input type="checkbox"/> Follow-up completion on date _____ <input type="checkbox"/> Will re-examine by date _____

Other Observations? Unexpected findings?

Note: The department reports only on the assessment tool being implemented during the academic year. For example, a department wishes to assess students each year with a portfolio, conduct senior exit surveys on a two year rotation, and use an external reviewer at five year intervals. That department will report only on the assessment tool(s) implemented during the past academic year. Summary data are gathered each five years in program review.

Kent Neely, CCAS, November 2004, p.11

Fairmount College of Liberal Arts and Sciences  
 Department: Biological Sciences

<b>Part A: Academic Instruction Expenditures</b>						
<a href="#">Data Definitions for Section</a>						
	<b>FY2002</b>	<b>FY2003</b>	<b>FY2004</b>	<b>FY2005</b>	<b>FY2006</b>	<b>5 Year Average</b>
<b>1. Salaries/Benefits</b>	\$1,047,611	\$1,159,278	\$1,082,929	\$1,123,529	\$1,290,805	\$1,140,830
<b>2. Other Operating Exp.</b>	\$123,718	\$99,881	\$88,799	\$80,057	\$79,623	\$94,415
<b>3. Total</b>	\$1,171,329	\$1,259,159	\$1,171,728	\$1,203,586	\$1,370,427	\$1,235,246
<i>Relative Index:</i>						
General Use Expenditures as percentage of the institution's General Use Instructional Expenditures						0.00%
<i>Relative Index:</i>						

<b>Part B: Student Credit Hour Production</b>						
<a href="#">Data Definitions for Section</a>						
	<b>FY2002</b>	<b>FY2003</b>	<b>FY2004</b>	<b>FY2005</b>	<b>FY2006</b>	<b>5 Year Average</b>
<b>1. Lower Division</b>	5,743	6,164	6,283	6,583	6,673	6,289
<b>2. Upper Division</b>	2,327	2,519	2,700	2,904	3,074	2,705
<b>3. Graduate 1</b>	202	139	156	189	258	189
<b>4. Graduate 2</b>						
<b>5. Total</b>	8,272	8,822	9,139	9,676	10,005	9,183
<i>Relative Index:</i>						
Undergraduate SCH Produced as a percentage of the institution's Total Undergraduate SCH Production	2.99%	3.08%	3.22%	3.52%	3.66%	3.3%
Graduate SCH Produced as a percentage of the institution's Total Graduate SCH Production	0.44%	0.30%	0.37%	0.47%	0.62%	0.4%

<b>Part C: Cost per Credit Hour</b>						
<a href="#">Data Definitions for Section</a>						
	<b>FY2002</b>	<b>FY2003</b>	<b>FY2004</b>	<b>FY2005</b>	<b>FY2006</b>	<b>5 Year Average</b>
<b>1. Lower Division</b>	\$203.96	\$204.28	\$186.49	\$182.83	\$205.37	\$196.59
<b>2. Upper Division</b>	\$503.36	\$499.86	\$433.97	\$414.46	\$445.81	\$459.49
<b>3. Graduate 1</b>	\$5,798.66	\$9,058.70	\$7,511.07	\$6,368.18	\$5,311.73	\$6,809.67
<b>4. Graduate 2</b>						

Part D: Percentage of Departmental SCH taken by:						
<a href="#">Data Definitions for Section</a>						
	Fall 2001	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
1. Their Undergraduate Majors	18.5%	18.4%	17.9%	18.0%	16.2%	15.8%
2. Their Graduate Majors	3.3%	1.3%	1.5%	3.2%	3.0%	1.8%
3. Non-Majors	78.2%	80.3%	80.6%	78.8%	80.9%	82.4%

Part E: Departmental Faculty						
<a href="#">Data Definitions for Section</a>						
	Fall 2001	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
1. Tenured/Tenure Track Faculty Head Count	10	11	10	11	12	10
<i>Relative Index:</i>						
2. Tenured/Tenure Track Faculty with Terminal Degrees	10	11	10	11	11	10
<b>Percent:</b>	100.00%	100.00%	100.00%	100.00%	91.67%	100.00%
<i>Terminal degree defined if different from Ph.D.:</i>						
3. Total Tenured Faculty	8	8	7	7	7	7
<b>Percent:</b>	80.00%	72.73%	70.00%	63.64%	58.33%	70.00%

Part F: Actual Instructional FTE						
<a href="#">Data Definitions for Section</a>						
FTE	Fall 2001	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
1. Tenured/Tenure Track Faculty	9.50	10.82	9.50	9.00	11.00	10.00
2. Graduate Teaching Assistants	5.00	3.00	5.00	6.00	5.81	4.46
2a. Instructor of Record (IOR)	4.50	3.00	5.00	6.00	5.41	4.46
2b. Not Instructor of Record	0.50				0.40	
3. Other Instructional FTE	4.08	2.39	2.67	2.42	1.83	2.75
4. Total FTE	18.58	16.21	17.17	17.42	18.64	17.21
<i>Relative Index</i>						
SCH	Fall 2001	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
5. SCH generated by Tenured/Tenure Track Faculty	1,957	2,867	3,526	3,010	3,388	3,377
6. SCH generated by GTA's (IOR)	81	21	0	68	76	56
7. SCH generated by Other Instructional Faculty	1,664	1,196	811	1,375	1,395	1,408
8. Total SCH	3,702	4,084	4,337	4,453	4,859	4,841
<i>Relative Index</i>						

RATE (SCH per FTE)	Fall 2001	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006
9. Average SCH per Tenured/Tenure Track Faculty	206.00	264.97	371.16	334.44	308.00	337.70
10. Average SCH per GTA (IOR only)	18.00	7.00	0.00	11.33	14.05	12.56
11. Average SCH per Other Instructional Faculty	407.84	500.42	303.75	568.18	762.30	512.00
12. Average Overall SCH per FTE	199.25	251.94	252.59	255.63	260.68	281.29
<i>Relative Index</i>						

## SECTION II: ACADEMIC PROGRAM DATA

Department: **Biological Sciences**

Discipline: **Biology**

CIP Code: **260101**

Part A: Majors in the Discipline							
<a href="#">Data Definitions for Section</a>							
	Fall 2001	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006	5 Year Average
1. Freshmen/Sophomores (optional)	87	103	107	77	78	87	90.4
2. Jrs., Srs., 5th Year Majors	129	128	147	169	153	152	149.8
3. Masters	25	13	12	19	22	18	16.8
4. 1st Prof / Specialist / Certif.							0
5. Doctoral							0

Part B: ACT Scores of Undergraduate Jrs., Srs., 5th Year Majors							
<a href="#">Data Definitions for Section</a>							
	Fall 2001	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006	5 Year Stats
1. Average ACT Composite	23.7	23.6	22.8	22.7	22.7	22.9	22.9
2. Low ACT	5	15	14	10	5	10	10.8
3. High ACT	32	33	31	31	34	32	32.2
4. Number Reporting an ACT Score	72	68	86	102	94	88	87.6
5. Percent Reporting ACT Score	55.8%	53.1%	58.5%	60.4%	61.4%	57.9%	58.3%

Part C: Degrees Conferred						
<a href="#">Data Definitions for Section</a>						
	FY2002	FY2003	FY2004	FY2005	FY2006	5 Year Average
1. Associate						0
2. Baccalaureate	29	33	28	36	32	31.6
3. Masters	7	7	2	3	7	5.2
4. First Prof / Specialist / Certificate						0
5. Doctorate						0
Note(s):						
Beginning in FY1998, degrees conferred include double majors						