

## Academic Program Evaluation – BEHAVIORAL SCIENCE

Division - H & S

Department - BSS

### ASSOCIATE DEGREE:

REQUIRED COURSES: Select 18 units from the following courses, at least one course is recommended in each discipline:

Anthropology & Biology: ANTH 100, 102, BIOL 100, BIOL 122

Psychology & Child Development: CDEV 103, MATH 119, PSY 101, 142, 144, 146, 200, 202, 204, 208, 212, PSY/CDEV 104,  
PSY/ADS 220 (OR 221), PSY/SOC 206, PSY/ADS 120

Sociology & Social Work: SOC 101, 102, 110, SOC/ADS 150, SOC/PSY 206, SOC/AJ 224, SW 22

### PROGRAM COMPLETION

Number of certificates completed Between Fall 2009 and Spring 2012	Number of Associate Degrees Completed Between Fall 2009 and Spring 2012
	73

## BEHAVIORAL SCIENCE – ENROLLMENT, FILL RATES & WAIT LISTS

Course	Course Cap	ENROLLMENT - # OF SECTIONS						Fill Rate						Wait Lists 1/8/2013
		F09	S 10	F 10	S 11	F 11	S 12	F09	S 10	F 10	S 11	F 11	S 12	
ANTH 100	40	151 - 3	150 - 3	150 - 3	158 - 3	140 - 3	132 - 3	125.8%	125.0%	125.0%	131.7%	116.7%	110.0%	2
ANTH 102	40	177 - 4	160 - 4	161 - 3	128 - 3	143 - 3	85 - 2	110.6%	102.5%	134.2%	106.7%	119.2%	106.2%	15
BIOL 100	24	289 - 10	298 - 12	265 - 10	245 - 9	280 - 10	232 - 8	120.42%	112.80%	110.42%	122.50%	112.00%	116.00%	104
BIOL 122	24		15 - 1				21 - 1		62.50%				84.00%	
CDEV 103	35	34 - 1	66 - 2	33 - 1	32 - 1	34 - 1	31 - 1	97.14%	94.29%	94.29%	91.43%	97.14%	88.57%	
MATH 119	30	182 - 6	200 - 6	304 - 9	212 - 6	259 - 8	289 - 8	101.11%	133.33%	112.59%	141.33%	107.92%	120.42%	114
PSY 101	40	671 - 13	562 - 13	811 - 16	705 - 15	715 - 16	588 - 14	129.04%	109.13%	113.90%	117.50%	111.72%	105.00%	58
PSY/CDEV 104	35	77 - 4	67 - 2	82 - 2	69 - 2	73 - 2	75 - 2	110.00%	95.71%	114.14%	98.57%	104.29%	107.14%	7
PSY 142	35		36 - 1		38 - 1		38 - 1		102.86%		108.57%		108.57%	
PSY 144	35	50 - 1	41 - 1	45 - 1	41 - 1	39 - 1	33 - 1	142.86%	117.14%	128.57%	117.14%	111.43%	94.29%	
PSY 146	35		49 - 1		57 - 1		53 - 1		140.00%		162.86%		151.43%	
PSY 200	35	62 - 2	129 - 2	96 - 2	90 - 2	98 - 2	81 - 2	88.57%	112.17%	137.14%	128.57%	140.00%	115.71%	7
PSY 202	35	96 - 2	59 - 2	80 - 2	73 - 2	77 - 2	83 - 2	137.14%	84.29%	114.29%	104.29%	110.00%	118.57%	22
PSY 204	35	197 - 4	204 - 4	249 - 4	207 - 4	216 - 4	192 - 4	140.71%	145.71%	142.29%	118.29%	123.43%	109.71%	35
PSY/SOC 206	35	53 - 1				35 - 1		151.43%				100.00%		
PSY 208	35						34 - 1						97.14%	1
PSY 212	35	15 - 1			35 - 1			42.86%			100.00%			
PSY/ADS 220	30	24 - 1	22 - 1	21 - 1	18 - 1	22 - 1	23 - 1	123.33%	93.33%	88.57%	68.57%	80.00%	77.14%	
PSY/ADS 221	30	13 - 1	6 - 1	10 - 1	6 - 1	6 - 1	4 - 1							
SOC 101	35	444 - 9	362 - 8	266 - 6	298 - 7	329 - 8	285 - 7	140.95%	129.29%	110.83%	121.63%	117.50%	116.33%	89
SOC 102	35	113 - 2	157 - 3	97 - 2	74 - 2	77 - 2	77 - 2	161.43%	149.52%	121.25%	105.71%	110.00%	110.00%	2
SOC 110	35	34 - 1	39 - 1	36 - 1	37 - 1	34 - 1	38 - 1	97.14%	111.43%	102.86%	102.86%	97.14%	108.57%	
SOC/ADS 150	35	43 - 1	41 - 1	43 - 1	40 - 1		33 - 1	122.86%	114.14%	122.86%	114.29%		94.29%	3
SOC/AJ 124	35	53 - 2	53 - 2	48 - 2	80 - 2		52 - 1	151.43%	151.43%	137.14%	114.29%		148.57%	
SW 220	35	45 - 1	36 - 1	51 - 1	52 - 1	41 - 1	33 - 1	128.57%	102.86%	145.71%	148.57%	120.00%	94.29%	3

### BEHAVIORAL SCIENCE – PRODUCTIVITY (FTES/FTEF)

COURSE	FTES						FTEF						Productivity					
	F09	S 10	F 10	S 11	F 11	S 12	F09	S 10	F 10	S 11	F 11	S 12	F09	S 10	F 10	S 11	F 11	S 12
ANTH 100	15.53	15.42	15.42	16.25	14.40	13.58	0.60	0.60	0.60	0.60	0.60	0.60	25.88	25.70	25.70	27.08	24.00	22.63
ANTH 102	18.21	16.87	16.56	13.17	14.71	8.75	0.80	0.80	0.80	0.60	0.60	0.40	22.76	21.09	20.70	21.95	24.52	21.88
BIOL 100	59.5	61.3	54.5	50.41	57.6	47.74	2.7	3.24	2.70	2.43	2.70	2.16	22.02	18.92	20.19	20.74	21.33	22.10
BIOL 122		4.11				5.76		0.27				0.27		15.22				21.33
CDEV 103	3.5	6.79	3.39	3.29	3.5	3.19	0.20	0.40	0.20	0.20	0.20	0.20	17.50	16.98	16.95	16.45	17.50	15.95
MATH 119	25	27.43	41.69	29.08	35.51	39.63	1.62	1.62	2.43	1.62	2.16	2.16	15.41	16.93	17.16	17.95	16.44	18.35
PSY 101	69	57.81	83.41	72.53	73.53	60.46	2.60	2.60	3.20	3.00	3.20	2.80	26.55	22.23	26.07	24.18	22.98	21.59
PSY/CDEV 104	7.92	6.89	8.44	7.1	7.51	7.72	0.80	0.40	0.40	0.40	0.40	0.40	9.90	17.23	21.10	17.75	18.78	19.30
PSY 142		3.7		3.91		3.91		0.20		0.20		0.20		18.50		19.55		19.55
PSY 144	5.14	4.22	4.63	4.22	4.01	3.39	0.20	0.20	0.20	0.20	0.20	0.20	25.70	21.10	23.15	21.10	20.05	16.95
PSY 146		X		X		X		0.20		0.20		0.20						
PSY 200	6.37	13.27	9.87	9.26	10.08	8.33	0.40	0.40	0.40	0.40	0.40	0.40	15.93	33.18	24.68	23.15	25.20	20.83
PSY 202	9.87	6.07	8.23	7.51	7.92	8.54	0.40	0.40	0.40	0.40	0.40	0.40	24.68	15.18	20.58	18.78	19.80	21.35
PSY 204	20.3	20.99	25.62	21.3	22.21	19.75	0.80	0.80	0.80	0.80	0.80	0.80	25.33	26.24	32.03	26.63	27.76	24.69
PSY/SOC 206	5.45				3.6		0.20				0.20		27.25				18.00	
PSY 208						3.5						0.20						17.50
PSY 212	1.54			3.6			0.20			0.20			7.70			18.00		
PSY/ADS 220	5.76	5.28	5.04	4.32	5.28	5.52	0.20	0.20	0.20	0.20	0.20	0.20	28.80	26.40	25.20	21.60	26.40	27.60
PSY/ADS 221	3.12	1.44	2.4	1.44	1.44	0.96	0.20	0.20	0.20	0.20	0.20	0.20	15.60	7.20	12.00	7.20	7.20	4.80
SOC 101	45.7	37.23	27.36	30.65	33.84	29.32	1.80	1.60	1.20	1.40	1.60	1.40	25.37	23.27	22.80	21.89	21.15	20.94
SOC 102	11.6	16.15	9.97	7.61	7.92	7.92	0.40	0.60	0.40	0.40	0.40	0.40	29.05	26.92	24.93	19.03	19.80	19.80
SOC 110	3.5	4.01	3.7	3.7	3.5	3.91	0.20	0.20	0.20	0.20	0.20	0.20	17.50	20.05	18.50	18.50	17.50	19.55
SOC/ADS 150	4.42	4.21	4.43	4.11		3.39	0.20	0.20	0.20	0.20		0.20	22.10	21.05	22.15	20.55		16.95
SOC/AJ 124	5.45	5.45	4.93	8.23		5.35	0.40	0.40	0.40	0.40		0.40	13.63	13.63	12.33	20.58		13.38
SW 220	4.63	3.7	5.25	16.56	15.33	3.39	0.20	0.20	0.20	0.20	0.20	0.20	23.15	18.50	26.25	82.80	76.65	16.95

## BEHAVIORAL SCIENCE – COMPLETION & SUCCESS RATES

COURSE	Completion Rate						Success Rate					
	F09	S 10	F 10	S 11	F 11	S 12	F09	S 10	F 10	S 11	F 11	S 12
ANTH 100	87.0%	88.0%	87.9%	91.1%	92.6%	92.0%	78.7%	79.7%	60.2%	85.5%	78%	85.4%
ANTH 102	77.0%	74.0%	87.4%	83.5%	79.2%	83.4%	58.2%	54.5%	70.4%	70.5%	68%	78.6%
BIOL 100	89%	90%	92%	94%	94%	94%	75%	78%	85%	89%	87%	84%
BIOL 122		93%				81%		87%				81%
CDEV 103	88%	73%	88%	78%	79%	81%	65%	53%	58%	56%	53%	61%
MATH 119	76%	84%	79%	87%	80%	86%	58%	68%	58%	70%	54%	64%
PSY 101	87%	85%	94%	85%	92%	87%	65%	62%	70%	64%	68%	63%
PSY/CDEV 104	88%	93%	89%	90%	95%	88%	74%	79%	71%	74%	74%	64%
PSY 142		94%		87%		95%		94%		87%		95%
PSY 144	88%	90%	91%	95%	87%	82%	80%	88%	87%	83%	85%	76%
PSY 146		96%		100%		98%		88%		95%		79%
PSY 200	69%	91%	92%	92%	94%	77%	40%	78%	60%	81%	78%	62%
PSY 202	98%	59%	79%	88%	74%	94%	68%	41%	58%	77%	43%	67%
PSY 204	93%	91%	91%	91%	91%	90%	72%	75%	86%	78%	83%	79%
PSY/SOC 206	92%				94%		68%				86%	
PSY 208		76%				100%		59%				71%
PSY 212	73%			74%			47%			69%		
PSY/ADS 220	86%	93%	87%	88%	89%	85%	84%	93%	74%	83%	86%	78%
PSY/ADS 221			84%			75%			84%			75%
SOC 101	80%	88%	83%	85%	86%	84%	59%	66%	54%	60%	60%	63%
SOC 102	96%	95%	93%	85%	90%	84%	91%	89%	56%	57%	71%	71%
SOC 110	97%	95%	89%	89%	97%	92%	50%	64%	22%	47%	68%	61%
SOC/ADS 150	84%	83%	93%	90%		93%	74%	83%	74%	85%		85%
SOC/AJ 124	94%	94%	92%	93%		100%	72%	85%	67%	64%		96%
SW 220	71%	67%	86%	85%	88%	88%	60%	64%	71%	81%	81%	76%

**Recent Enrollment Demand:** High  Medium  Low

**Projection for Future Demand :** Growing  Stable  Declining

**Opportunity Analysis:** (Successes, new curriculum development, alternative delivery mechanisms, interdisciplinary strategies, etc.)

Given the wide breath of cross-disciplinary courses that constitute this program and the emerging state-wide TMCs, increased attention to course revisions and assessments will be vital to maintaining a vibrant program. This process can be aided by:

- A more stable teaching faculty (particularly in Anthropology)
- A more strategic use of online offerings, especially given the reorganization of IVC Distance Education protocols. This would provide greater access to course offerings and addresses the needs of students who cannot attend traditional face-to-face classes.
- Increased training in accessing SLOs and PLOs to identify weak or marginal courses that can be strengthened or dropped from the course offerings.
- Expansion of the BSS Media Library to provide all disciplines within the major with current state-of-the-art media resources to supplement the instruction.

**Summary of Program "Health" Evaluation:** (Including consideration of size, score, productivity and quality of outcomes)

The core courses are performing well as demonstrated by the high fill rates (overall). Math, Biology, and Sociology appear to be in high demand as reflected in the huge wait-list generated recently.

There have been 73 Associate Degrees awarded for the major since Fall 2009.

Completion rates average improved since Fall of 2009 from 71% to 88% in Spring 2012.

Success Rates have varied from a low of 60% to a high of 81%. In Spring of 2012 it was 76%.

Overall, this is a stable program that given the opportunities for improvement can raise the completion and success rates.

## **Student Learning Outcomes and Program Learning Outcomes**

### Student Learning Outcomes Assessment-completion

- All courses have identified SLOs equivalent to their number of units
- SLOs are posted on faculty syllabi
- SLOs are posted on curricunet
- New Chair of Department will monitor the collection, assessments, and posting of SLOs on website

### Program Learning Outcomes Assessment

- All courses have identified SLOs equivalent to their number of units
- SLOs are posted on faculty syllabi
- SLOs are posted on curricunet

### Success Rate of Student Learning

- Increasing faculty involvement in collecting the data for assessment
- SLOs are standing agenda items

New Chair of Department will monitor the collection, assessments, and posting of SLOs on website

## Future Goals of Program

Continue regular SLO and PLO assessments  
Increase successful outcomes

Resource requests from annual program review

No major request at this time.

