

IMPERIAL VALLEY COLLEGE
PROGRAM REVIEW COMPLIANCE FORM AND REQUEST FOR RESOURCES

DEPARTMENT SME - AG Business ACADEMIC YR. 1213

Comprehensive Program Review Annual Assessment Request for Resources (check all that apply)

For your Program Review data as well as your SLO/SAO assessment findings in order to update to your Comprehensive Program Review. All changes to area needs and subsequent requests for additional resources must be reported at this time.

If you are scheduled for a Comprehensive Program Review all forms are to be completed and submitted to the appropriate Dean/VP. If you are submitting an annual Program Review Assessment only and have no changes to area needs, sign below and submit this form to appropriate Dean/VP. If you have made changes as a result of your annual assessment of program review data, please complete the appropriate Request for Resource Form and submit to appropriate Dean/VP.

[Signature] 3/11/13

Program Chair/Director Date

[Signature: Aguirre]

Signature of Area Dean I

[Signature] 12-13

Area Vice President Date

- Submit the following documents to this Program Review Compliance form if you are requesting additional resources:
- Comprehensive Program Review
 - SLO/SAO Assessment Form
 - SLO/SAO Assessments
 - Request for Resources Forms

**Academic Program Evaluation - Agriculture Business Management
Division - H & S
Department - Science**

Agriculture Courses

TERM	Enrollment	Fill Rate	of Section	Mass Cap	Avg. Class Cap	Avg. Class Size	FTES	FTEF	PRODUCTIVITY	COMPLETION RATE	SUCCESS RATE
Fall 2009	343	86.84%	14	395	28.21	24.5	39	3.39	11.5	88%	66%
Spring 2010	338	86.01%	13	393	30.23	26	37.27	2.8	13.31	88%	65%
Fall 2010	371	96.87%	13	383	29.46	28.54	42.68	2.93	14.57	89%	70%
Spring 2011	343	91.47%	12	375	31.25	28.58	33.58	2.27	14.79	85%	62%
Fall 2011	334	106.03%	11	315	28.64	30.36	37.56	2.46	15.27	95%	75%
Spring 2012	272	92.20%	10	295	29.5	27.2	30.72	2.26	13.59	88%	61%
% Change Fall Semesters 09 - 11	-2.62%	22.10%	-21.43%	-20.25%	1.52%	23.92%	-3.69%	-27.43%	32.78%	7.95%	13.64%
% Change Spring Semesters 10 - 12	-19.53%	7.20%	-23.08%	-24.94%	-2.41%	4.62%	-17.57%	-19.29%	2.10%	0%	-6%

PROGRAM COMPLETION

Number of certificates completed Between Fall 2009 and Spring 2012	Number of Associate Degrees Completed Between Fall 2009 and Spring 2012
0	0

AGRICULTURE BUSINESS MANAGEMENT COURSES - ASSOCIATE DEGREE & CERTIFICATE

Associate Degree

Required Courses: AG 120, AG/BUS 132, AG 134, 136

Select a Minimum of 12 units: AG 080, 120, 138, 140, 160, 170, BUS 126, 210, 220, CHEM 100, CIS 101, ECON 102

Certificate Program

Required Courses: AG 080, 120, 130, AG/BUS 132, AG 134, 136, 160

Select a Minimum of 3 units: AG 138, 140, 170, BUS 010, 126, 144 CIS 101

AGRICULTURE BUSINESS MANAGEMENT COURSES - ENROLLMENT, FILL RATES & WAIT LISTS

COURSES	Course Cap	Enrollment - # Sections						Fill Rate						Wait List 1/8/2013
		F 09	S 10	F 10	S 11	F 11	S 12	F 09	S 10	F 10	S 11	F 11	S 12	S 13
AG 080	35		10 - 1		25 - 1				28.57%		71.43%			
AG 110	30	258 - 8	288 - 9	263 - 9	229 - 8	256 - 8	193 - 7	107.5%	107.08%	97.4%	95.42%	106.7%	97.2%	5
AG 120	24	17 - 1				23 - 1		70.83%				92.00%		
AG 130	30			27 - 1						90.00%				
BUS/AG 132	40	33 - 1		31 - 1		35 - 1		82.50%		77.50%		87.50%		
AG 134	30				29 - 1						96.67%			
AG 136	30						29 - 2						96.67%	
AG 138	25	13 - 1				24 - 1		54.17%				96.00%		
AG 140	25	11 - 1		34 - 1				45.83%		141.67%				
AG 160	35			32 - 1						91.43%				
AG 170	25		30 - 1	15 - 1			25 - 1		125.00%	62.50%			100.00%	
AG 220	25	8 - 1					15 - 1	33.33%					60.00%	
AG 230	35		18 - 1		23 - 1				51.43%		65.71%			
AG 240	25		11 - 1						45.83%					
AG 250	35	12 - 1			37 - 1			34.29%			105.71%			
AG 260	25	24 - 1				31 - 1		100.00%				124.00%		
AG 270	35		12 - 1				28 - 1		34.29%				80.00%	
BUS 010	30		89 - 3	79 - 3	84 - 3	73 - 3	75 - 3		86.67%	87.78%	93.33%	81.11%	83.33%	
BUS 126	32	87 - 3	89 - 3	84 - 3	86 - 3	79 - 3	78 - 3	89.69%	94.68%	86.60%	91.49%	81.44%	82.98%	
BUS 144	40		32 - 1		30 - 1		15 - 1						37.50%	
BUS 220	35	24 - 1	58 - 2	32 - 1	58 - 2	42 - 1	39 - 2	68.57%	82.86%	91.43%	82.86%	94.29%	55.71%	
CHEM 100	25	148 - 5	112 - 4	124 - 5	136 - 5	127 - 5	98 - 4	123.33%	116.67%	103.33%	108.80%	101.60%	98%	94
CIS 101	32	298 - 9	244 - 8	279 - 10	243 - 9	282 - 10	216 - 8	98.68%	141.86%	88.01%	140.46%	85.20%	82.13%	9
ECON 102	35	103 - 3	61 - 3	91 - 3	63 - 2	85 - 3	65 - 3	98.10%	58.10%	86.67%	90%	80.95%	61.90%	

AGRICULTURE BUSINESS MANAGEMENT COURSES - PRODUCTIVITY

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	
AG 080		0.34		0.86				0.07		0.07				4.86		12.29			
AG 110	26.55	29.64	27.05	23.55	26.33	19.85	1.60	1.80	1.80	1.60	1.60	1.40	16.59	16.47	15.03	14.72	16.46	14.18	
AG 120	2.91						0.2						14.55						
AG 130			2.78						0.20						13.90				
AG/BUS 132	3.39		3.19		3.60		0.20		0.20		0.20		16.95		15.95		18.00		
AG 134				2.98						0.20						14.90			
AG 136						2.98						0.20							14.90
AG 138	2.23				4.11		0.20				0.20		11.15					20.55	
AG 140	2.26		6.99				0.27		0.27				8.37		25.89				
AG 160			3.29						0.20						16.45				
AG 170		5.14	2.57			4.29		0.20	0.20			0.20		25.70	12.85				21.45
AG 220	1.37					2.57	0.20					0.20	6.85						12.85
AG 230		1.85		2.37				0.20		0.20				9.25		11.85			
AG 240		2.26						0.27						8.37					
AG 250	1.23			3.81			0.20			0.20			6.15			19.05			
AG 260	2.47				3.19		0.20				0.20		12.35				15.95		
AG 270		1.23				2.88		0.20				0.20		6.15					14.40
BUS 010		8.02	8.13	8.64	7.51	7.71		0.60	0.60	0.60	0.60	0.60		13.37	13.55	14.40	12.52	12.85	
BUS 126	8.95	9.16	8.64	8.85	8.12	8.03	0.60	0.60	0.60	0.60	0.60	0.60	14.92	15.27	14.40	14.75	13.53	13.38	
BUS 144		3.29		3.09		1.54		0.20		0.20		0.20		16.45		15.45		7.70	
BUS 220	4.11	9.94	5.49	9.94	7.2	6.69	0.27	0.54	0.27	0.54	0.27	0.54	15.22	18.41	20.33	18.41	26.67	12.39	
CHEM 100	30.45	23.04	25.51	27.98	26.13	20.16	1.35	1.08	1.35	1.35	1.35	1.08	22.56	21.33	18.90	20.73	19.36	18.67	
CIS 101	30.65	25.10	28.7	24.98	29	22.1	1.80	1.60	2.00	1.80	2.00	1.60	17.03	15.69	14.35	13.88	14.50	13.81	
ECON 102	10.59	6.27	9.36	6.48	8.74	6.69	0.60	0.60	0.60	0.40	0.60	0.60	17.65	10.45	15.60	16.20	14.57	11.15	

AGRICULTURE BUSINESS MANAGEMENT COURSES - 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
AG 080		80%		92%				80%		92%		
AG 110	89%	89%	87%	87%	94%	86%	66.0%	60.0%	66.0%	58.0%	69%	63.0%
AG 120	94%				100%		82%					
AG 130			85%						70%			
AG/BUS 132	67%		71%		71%		58%		58%		63%	
AG 134				83%						66%		
AG 136						93%						55%
AG 138	92%				100%		92%				100%	
AG 140	82%		100%				73%		82%			
AG 160			94%						94%			
AG 170		100%	100%			92%		100%	67%			68%
AG 220	88%					93%	63%					60%
AG 230		78%		52%				72%		43%		
AG 240		73%						64%				
AG 250	67%			92%			50%			73%		
AG 260	83%				94%		83%				94%	
AG 270		67%				86%		58%				50%
BUS 010	72%	74%	72%	75%	84%	80%	61%	56%	41%	51%	58%	48%
BUS 126	66%	51%	79%	80%	82%	83%	39%	35%	56%	53%	56%	53%
BUS 144		63%		70%		80%		53%		50%		53%
BUS 220	88%	83%	97%	85%	86%	82%	63%	60%	97%	61%	81%	72%
CHEM 100	84%	85%	91%	93%	88%	89%	64%	68%	73%	78%	70%	57%
CIS 101	81%	78%	84%	84%	85%	91%	57%	59%	53%	53%	59%	56%
ECON 102	80%	84%	85%	90%	84%	97%	52%	67%	74%	60%	67%	68%

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.)

This is a degree that has only been restarted in fall 2010. Sufficient time needs to be given to recruit students and grow the program. We currently have one full-time Agriculture instructor, and 3 part-time instructors who teach Agriculture courses.

There are currently 11 students who have declared their majors as Agriculture Business Management, so the program is growing. Future growth of the Agricultural Business Management program could occur, but it would require more resources. In particular, more land would be needed than is currently available to be able to fully teach students the variety of agricultural techniques they would need to know. Having another Agriculture instructor would help to offer courses on a more frequent basis, so students would be able to graduate faster. Currently, if a student does not pass an Agriculture class, that student would have to wait 2 years to take it again, which would delay the student from earning the certificate or degree.

We are also currently working on revamping and modernizing the curriculum for all AG degrees. Discussion on this has recently begun, and we hope to implement new curriculum in the next year or two.

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

Agriculture courses are offered on a two-year cycle. Due to having limited full-time and part-time faculty, courses can only be offered once every two years. Enrollment for these courses have been steadily increasing, nearly doubling each year for the past 3 academic years. While the program has not yet produced any graduates with certificates or degrees in Agricultural Business Management, the program is still new and needs time to develop properly.

Student Learning Outcomes and Program Learning Outcomes

Student Learning Outcomes Assessment –completion

SLOs have been identified for all Agriculture Business classes and are assessed on a regular basis. AG/BUS132 SLOs are assessed by the Business department.

Course	# Credits	Spring 2011	Fall 2011	Spring 2012	Fall 2012	Spring 2013
AG080	1	1				
AG120	3		1,2,3			
AG130	3				1,2,3	
AG/BUS132	3		Beckley		Beckley	
AG134	3	1,2,3				Pauley
AG136	3			1,2,3		Pauley
AG160	3				1,2,3	

Program Learning Outcomes Assessment

3 PLOs have been identified for the Agriculture Business Management degree, and one was assessed in the 2011-2012 academic year.

Success Rate of Student Learning Outcomes

All SLOs for AG Business Management classes are assessed each time the class is offered.

Success Rate of Program Learning Outcomes

Only one of 3 PLOs has been assessed currently, and the other 2 will be assessed this academic year.

Future Goals of Program

1. We are looking to change the course offering pattern of agriculture classes to help students progress through the program. (AG Pathways)
2. By being able to offer more AG classes during the day, which could help students progress through the program quicker.

Resource Requests from annual program review

Any Identified Needs: Staffing, Technology, Budget/Planning, Facilities, Professional Development, Marketing

1. Facilities: A better teaching facility for agriculture, with land, greenhouse facility if land not available, and irrigation via drip and/or sprinkler systems. Estimated cost \$6-8 million
2. Budget: Farming equipment – small tractor, sprinkler pipe/drip systems, etc