# PROGRAM REVIEW SELF-STUDY: INTERDISCIPLINARY AND UNIVERSITY STUDIES (COUNSELING)

2008-2014



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# SELF-STUDY FOR INTERDISCIPLINARY AND UNIVERSITY STUDIES (COUNSELING)

**1.1 Introduction.** The Counseling Division oversees two cross-discipline programs: Interdisciplinary Studies and University Studies. Interdisciplinary Studies offers five areas of emphasis: Arts and Humanities; Communication; Science and Quantitative Reasoning; Social Science; and Wellness and Self Development. University Studies also offers five areas of emphasis: Arts and Humanities; Communication; Liberal Studies for Elementary Teacher Preparation; Science and Quantitative Reasoning; and Social Science. The primary difference between these two programs is the General Education pattern used. Interdisciplinary Studies uses Option A (Solano), while University Studies uses Option B (IGETC) or Option C (CSU).

### **Catalog descriptions:**

**Interdisciplinary Studies**: This major is designed for students who are not certain of their specific academic major goals and do not have immediate transfer plans. It would enable them to earn the Associate Degree by completing general education and an 18-unit area of academic focus.

- I. All students will complete the Solano College Option A GE Pattern: Minimum 22 semester units.
- II. All students will complete an 18-unit Area of Emphasis from the selections below.
- III. Electives may be necessary to total 60 overall units required for the Associate degree.
- IV. All courses for this major must be completed with a grade of C or better or a P if the course is taken on a pass-no pass basis.

### **Program Outcomes**

Students who complete an Associate Degree will be able to:

- 1. Discern the relationship between personal perspective and evidence-based evaluation of information.
- 2. Discover the nature and common themes of the disciplines represented by an academic area of emphasis.
- 3. Acquire a knowledge base that encourages lifelong learning in order for them to effectively adapt to a complex and changing society.

#### Areas of Emphasis

- 18 units required from one Area of Emphasis listed below.
- Courses selected cannot also be used to fulfill GE areas.
- Courses numbered 1-49 transfer to UC, CSU and most independent and out-of-state colleges. Courses numbered 50-99 transfer to CSU and some independent and out-of-state colleges and universities. Courses numbered 100-199 are associate degree applicable but usually do not transfer to baccalaureate-granting institutions.

# **Interdisciplinary Studies: Arts and Humanities**

Minimum 18 units required

Minimum six units from the Arts and six units from Humanities Maximum three units of credit for studio/performance courses

Courses in this area are designed to cultivate intellect, imagination, sensibility and sensitivity. Students will study great works of the human imagination and will examine their own esthetic and creative experience. Awareness and appreciation of humanistic disciplines will be explored and encouraged. Students will be ex posed to the study of human culture from a variety of perspectives.

# ARTS

ART 001, 002, 003, 010, 011, 012 ART Studio: 004, 006, 007, 008, 014, 016, 017, 019, 020, 021, 023, 026, 029, 031, 032, 034, 035, 037, 038, 039, 040, 041, 042, 043 CINA 010, 011 CINA Performance: 015 MUSC 001, 002, 005, 007, 008, 013 MUSC Studio: 009, 010, 011, 014, 015, 016, 017, 018, 019, 020, 023, 024, 025, 026, 027, 028, 031, 032, 033, 034, 035A, 035B, 038, 039, 041A, 041B, 042A, 042B PHOT Performance: 030 PHOT 035 THEA Performance: 001, 002 THEA 006, 010, 011, 013, 048A TV 050 TV Performance: TV 055, 060

# HUMANITIES

ENGL 002, 006, 007, 012, 013, 014, 016, 018, 021, 023, 024, 025, 030, 031, 032, 033, 035, 036, 037, 038, 040, 041, 044, 046, 047 FREN 001, 002, 003, 004, 011, 012, 031, 032 GRMN 001, 002, 003, 004, 011, 012, 031, 032, 033, 034 ITAL 031, 032 HIST 002, 003, 004, 005, 010, 017, 018, 028, 029, 031, 037 LATN 001, 002, 003 PHIL 003, 004 SPAN 001, 002, 003, 004, 011, 012, 025, 031, 032, 033, 034

# **Interdisciplinary Studies: Communication**

Minimum 18 units required Minimum three units from each of three different disciplines

These courses emphasize the content, understanding and production of verbal and written communication. Students will learn to evaluate and assess communication as a process of human symbolic inter action while developing skills in such areas as reasoning, organization, accuracy, reading and effective listening.

BUS 092 COMM 001, 002, 006, 008, 010, 012, 015, 060 COUN 062 ENGL 002, 004, 006, 007, 058, 062, 064 FREN 001, 002, 003, 004, 031, 032 GRMN 001, 002, 003, 004, 031, 032, 033, 034 HS 052 ITAL 031, 032 JOUR 001, 002, 011, 060 LATN 001, 002, 003 PHIL 005 SPAN 001, 002, 003, 004, 025, 031, 032, 033, 034 SOCS 030, 051 TV 050, 060, 061

#### Interdisciplinary Studies: Science and Quantitative Reasoning

Minimum 18 units required Minimum six units from Science and six units from Quantitative Reasoning Chemistry courses may not be used in both areas must choose one area.

This emphasis is intended to involve inquiry into the physical universe and its life form with consideration of facts and principles which form the foundations of living and non-living systems. Students will explore scientific methodologies as investigative tools, the acquisition and use of evidence, and the past and present influences of science on world civilizations. Understanding and analysis of basic mathematical and quantitative reasoning concepts will be explored. This area includes courses in areas such as computer science, math, and science.

#### SCIENCE

ANTH 001 ASTR 010, 020, 030, 040 BIO 001, 002, 004, 005, 012, 012L, 014, 015, 016, 018, 019 CHEM 001, 002, 003, 004, 010, 011, 051, 160 ENGR 017, 030, 045 GEOG 001, 001L GEOL 001, 002, 005 HORT 050 KINE 020V KINE 020V KINE 020W NUTR 010 PHYS 002, 004, 006, 007, 008, 010 PHSC 012 PSYC 002

#### **QUANTITATIVE REASONING**

CIS 001, 015, 020, 022, 023, 035, 050, 055, 057, 060, 073, 078 CHEM 001, 002, 010, 160 GEOG 10 (GEOL 10) MATH 002, 004, 011, 012, 020, 021, 022, 023, 030, 031, 040, 051, 102, 103, 104, 112, 114 PSYC 004

#### **Interdisciplinary Studies: Social Science**

Minimum 18 units required Minimum three units from each of three different disciplines

This emphasis examines people and their interactions with each other, within their social and political institutions and as members of the larger society. Course work will explore behavior -

sometimes the behavior of an individual, other times the behavior of a system, society, or culture. Topics and discussion will stimulate critical thinking about ways people have thought and acted in response to their upbringing, environment and society.

ANTH 002, 007 COMM 012 COUN 055, 058, 062, 083 CJ 001, 002, 011 ECON 001, 002, 010 GEOG 002, 004 HIST 002, 003, 004, 005, 010 017, 018, 028, 029, 031, 037 CDFS 038, 039, 040, 050, 053, 070 HS 051, 052, 053 IR 001 JOUR 011 PLSC 001, 002, 003, 005, 016, 019 PSYC 001, 002, 004, 005, 010, 020, 024, 030, 034, 065 SOCS 022, 023, 025, 027, 030, 051, 053 SOC 001, 002, 023, 030, 040

#### **Interdisciplinary Studies: Wellness and Self Development**

Minimum 18 units required Minimum six units from Wellness and six units from Self Development Maximum three units of credit for Physical Education activity and Athletics courses

This emphasis is designed to equip students with information and tools for lifelong wellness and self-development as integrated beings. Students will be well acquainted with the vast landscape of wellness and self-development, taking into account the psychological, biological, developmental, physical factors, and they will be able to make effective decisions about optimizing their own wellness, lifestyle, and performance.

#### WELLNESS

ATHL 001, 002A, 002B, 003, 004, 010, 015, 016A, 016B, 017, 020 BIO 004, 005, 016 HED 002, 003 NUTR 010, 012 KINE 020A, 020H, 020S, 020V, 020W KINE Activity: 001A, 001D, 002A, 002B, 002C, 002D, 002E, 003A, 003C, 003D, 003E, 004A, 004B, 004C, 004D, 004E, 004F, 004H, 004J, 004K 004M 004N, 004P, 005C, 005G, 005J, 005K, 005M, 005N, 005P, 006A, 006B, 006C, 006E, 006F, 007A, 007C, 007D, 007E, 007F, 008A, 008B, 008C, 008F, 008G, 009A, 009B, 009C, 009E, 009F, 009G,009H, 009P, 078

#### SELF DEVELOPMENT

CDFS 038, 039, 040, 053, 070 COUN 007, 050, 055, 058, 060, 062, 063, 083, 098 HS 051, 052, 053 LR 001, 010, 011, 051 PSYC 001, 005, 010, 020, 024, 030, 034, 040, 065

### SOCS 051

**University Studies**: The Associate in Arts Degree in University Studies is designed for students who wish a broad knowledge of arts and sciences plus additional coursework in an area of academic interest. With proper planning, students will complete lower division major preparation and general education for transfer while simultaneously completing the University Studies Associate Degree. This major is an ideal choice for students planning to transfer to the University of California (UC), the California State University (CSU), or any other baccalaureate-granting college or university.

Students are encouraged to develop a transfer plan in consultation with a counselor and to refer to www.assist.org for current articulation of Solano Community College and university courses.

- Choose either Solano Community College Option B or C for the General Education pattern related to your educational goal.
- For both options: complete a Cross Cultural Studies Graduation Requirement.
- Complete at least 18 units in one Area of Emphasis from those listed below.
- Choose electives if necessary to complete the 60 units required for the Associate Degree.
- All courses for this major must be completed with a grade of C or better or a P if the course is taken on a Pass/No Pass basis.

# General Education ...... GE Units

I. Option B: IGETC

Minimum 34 semester units

Complete units necessary to meet full IGETC certification requirements.

II. Option C: CSU/GE/Breadth Pattern

Minimum 39 semester units

Complete units necessary to meet full CSU/GE-Breadth certification requirements.

# Areas of Emphasis

- 18 units required from one Area of Emphasis listed below.
- Where appropriate, courses in the Area of Emphasis may also be counted for GE.
- Courses numbered 1-49 transfer to UC, CSU and most independent and out-of-state colleges and universities. Courses numbered 50-99 transfer to CSU and some independent and out-of-state colleges and universities. Courses numbered 100-199 are associate degree applicable but usually do not transfer to baccalaureate-granting institutions.

# **Elective Units**

Electives may be necessary to meet the 60-unit requirement for the Associate Degree.

# **Program Outcomes:**

Students completing an Associate Degree will be able to:

- 1. Develop a pattern of thinking and a knowledge base consistent with the scholarship required to pursue further study in a major at a university.
- 2. Discover the nature and common themes of the disciplines represented by an area of emphasis.
- 3. Examine the relationship between personal perspective and evidence-based evaluation of information.

#### **University Studies: Arts and Humanities**

Minimum 18 units required Minimum six units from the Arts and six units from Humanities Maximum three units of credit for studio/performance courses

These courses emphasize the study of cultural, literary and humanistic activities and the artistic expression of human beings. Students will evaluate and interpret the ways in which people through the ages in different cultures have responded to each other and the world around them through artistic and cultural creation.

Majors at a 4-year institution appropriate for this Area of Emphasis include but are not limited to: Classical Civilization, Design, Dramatic Arts, Film Studies, Literature, Music, and Philosophy.

### ARTS

ART 001, 002, 003,010, 011, 012 ART Studio: 004, 005, 006, 007, 008, 014, 015, 016, 017, 018, 021, 022, 023, 026, 027, 030B, 031, 032, 033, 034, 038, 039, 040, 041, 042, 043 CINA 010, 011 CINA Performance: 015 MUSC 001, 002, 003, 004, 005, 007, 008, 013 MUSC Studio: 027, 028, 029, 030, 041A, 041B PHOT 035 THEA 006, 010, 011, 013, 048A THEA Performance: 001, 002, 003, 020 TV 050

# HUMANITIES

ENGL 002, 006, 007,012, 014, 016, 018, 021, 023, 024, 025, 030, 031, 033, 035, 036 038, 040, 041, 044, 046, 047 FREN 001, 002, 003, 004, 011, 012, 031, 032 GRMN 001, 002, 003, 004, 011, 012, 031, 032, 033, 034 HIST 002, 003, 004, 005, 010, 017, 018, 028, 029, 031, 037 ITAL 031, 032 LATN 001, 002, 003 PHIL 003, 004 SPAN 001, 002, 003, 004, 011, 012, 025, 031, 032, 033, 034 COMM 015

#### **University Studies: Communication**

Minimum 18 units required Minimum three units from each of three different disciplines

These courses emphasize the content, understanding and production of verbal and written communication. Students will learn to evaluate and assess communication as a process of human

symbolic interaction while developing skills in such areas as reasoning, organization, accuracy, reading and effective listening.

Majors at a 4-year institution appropriate for this Area of Emphasis include, but are not limited to: Advertising and Public Relations, English, Journalism, Linguistics, Mass Communication, Rhetoric, and Speech.

BUS 092 COMM 001, 002, 006, 008, 010, 012, 015, 060 COUN 062 ENGL 002, 004, 006, 007, 046, 047, 058, 062, FREN 001, 002, 003, 004, 031, 032 GRMN 001, 002, 003, 004, 031, 032, 033, 034 HS 052 ITAL 031, 032 JOUR 001, 002, 011, 060 LATN 001, 002, 003 PHIL 005 SPAN 001, 002, 003, 004, 025, 031, 032, 033, 034 SOCS 030, 051 TV 050, 060, 061

#### **University Studies: Liberal Studies for Elementary Teacher Preparation**

Minimum 18 units required Minimum three units from each of four different disciplines

This Area of Emphasis is intended for students who plan to complete a baccalaureate degree and a California Multiple subject Teaching Credential. Most students pursue this credential with the goal of becoming elementary school or special education teachers. This degree is designed to accommodate the differing requirements of the California State University and the University of California campuses that offer majors preparing students for the multiple subject credentials.

ANTH 002, 007 ART 001, 002, 003, 006, 010, 011, 012, 014, 017, 023, 031, 039 **ASTR 010** BIO 003, 004, 005, 012, 014, 015, 016, 019 **CHEM 010** CINA 010, 011 CDFS 038, 039, 070, 071 ECON 001 ENGL 012, 016, 030, 031, 032, 033, 035, 036, 038, 040, 041 GEOG 002, 004 GEOL 001, 002 **HED 002** HIST 002, 003, 004, 005, 010, 017, 018, 028, 029, 037 **HUMN 003** MATH 002, 004, 011, 012 MUSC 005, 007, 008, 013 PHIL 001, 003, 004, 005

PHYS 010 PHSC 012 PLSC 001, 005 PSYC 001, 002, 005, 010 SOC 001, 002, 023, 040 SOCS 022 THEA 001, 010, 011, 013

#### **University Studies: Science and Quantitative Reasoning**

Minimum 18 units required

Minimum six units from Science and six units from Quantitative Reasoning Chemistry courses may be used as either Science or Quantitative reasoning but not in both.

These courses emphasize the natural sciences which examine the physical universe, its life forms and its natural phenomena. Courses in math emphasize the development of mathematical and quantitative reasoning skills beyond the level of intermediate algebra. Students will be able to demonstrate an understanding of the methodologies of science as investigative tools. Students will also examine the influence that the acquisition of scientific knowledge has on the development of the world's civilizations.

Majors at a 4-year institution appropriate for this Area of Emphasis include but are not limited to: Animal Science, Biology, Computer Science, Engineering, Geology, Nursing, and Physics.

Program Outcomes:

Students completing the Associate Degree will:

1. Learn how to write a laboratory report or give an oral presentation

2. Demonstrate analytical and/or conceptual problem solving skills

3. Learn to carry out experiments and critically assess their data. Students will learn the roles of hypotheses, measurement, and analysis in the development of scientific theory as evidenced by laboratory reports.

# SCIENCE

ANTH 001 ASTR 010, 020, 030, 040 BIO 002, 004, 005, 012, 012L, 014, 015, 016, 018, 019 CHEM 001, 002, 003, 004, 010, 011, 051 ENGR 017, 030, 045 GEOG 001, 001L GEOL 001, 002, 005 PHYS 002, 004, 006, 007, 008, 010 PHSC 012 PSYC 002

# **QUANTITATIVE REASONING**

CIS 001, 015, 020, 022, 023, 035 CHEM 001, 002, 010 GEOG 010 (GEOL 010) MATH 002, 004, 011, 012, 020, 021, 022, 023, 030, 031, 040, 051 PSYC 004

#### **University Studies: Social Science**

Minimum 18 units required Minimum three units from each of three different disciplines

These courses emphasize the perspective, concepts, theories and methodologies of the vast variety of disciplines that comprise study in the Social Sciences. This emphasis examines people and their interactions with each other, within their social and political institutions and as members of the larger society. Course work will explore behavior - sometimes the behavior of an individual, other times the behavior of a system, society, or culture. Topics and discussion will stimulate critical thinking about ways people have thought and acted in response to their upbringing, environment and society.

Majors at a 4-year institution appropriate for this Area of Emphasis include but are not limited to: Anthropology, Child Development, Government, History, Psychology, and Social Work.

ANTH 002, 007 COUN 055, 058, 062, 083 CJ 001, 002, 011 ECON 001, 002, 010 GEOG 002.004 HIST 002, 003, 004, 005, 010, 017, 018, 028, 029, 031, 037 CDFS 038, 039, 040, 050, 053, 070 HS 051, 052, 053 IR 001 **JOUR 011** PLSC 001, 002, 005, 016, 019 PSYC 001, 002, 004, 005, 010, 020, 024, 030, 034 SOC 001, 002, 023, 030, 040 SOCS 022, 023, 025, 027, 030, 051, 053 COMM 012 TV 050

**Mission of the Programs**: These programs are primarily designed for those students who desire a multi-disciplinary approach rather than a singular discipline or major to meet their personal educational goals. The University Studies program in particular caters to students who have reviewed lower division courses articulated for the 4-year institution they plan to attend and find that our institution does not offer a major that satisfies these courses. Without this program, these students would either transfer without a degree, or would take excess units in order to satisfy transfer requirements and our institution's major requirements.

**Brief History of the Programs**: These programs were introduced shortly after the 2008-2009 catalog was published and superseded the Liberal Arts program. They were designed to meet Title 5 regulations that called for the elimination of a generic Liberal Arts program that did not have a focus or goal.

**Number and Names of Full-time Faculty, Adjunct Faculty, and Classified Staff**: Not applicable. These programs are taught by a variety of faculty and adjunct from every School in the District. It would be impractical and superfluous to list them all here.

**1.2 Relationship to College Mission and Strategic Goals**. Describe the program's relationship to the overall mission of the college: "Solano Community College educates an ethnically and academically diverse student population drawn from our local communities and beyond. We are committed to help our students to achieve their educational, professional and personal goals centered on thoughtful curricula in basic skills education, workforce development and training, and transfer level education. The College accomplishes this three-fold mission through its dedicated teaching, innovative programs, broad curricula, and services that are responsive to the complex needs of all students." The Interdisciplinary Studies and University Studies programs allow students to achieve an associate's degree without imposing unnecessary courses while still providing breadth and depth to their chosen field of study. These programs are broad enough to suit a diverse population of students.

Table 1. SCC's Strategic Directions and Goals

Goal 1: Foster Excellence in Learning	Program Evidence
Obj. 1.1 Create an environment that is conducive to student learning.	N/A
Obj. 1.2 Create an environment that supports quality teaching.	N/A
Obj. 1.3 Optimize student performance on Institutional Core Competencies	N/A
Goal 2: Maximize Student Access & Success	Program Evidence
Obj. 2.1 Identify and provide appropriate support for underprepared students	Counselors who provide guidance to students seeking one of these degrees will help with English and Math placement and direct students to appropriate student success support services.
Obj. 2.2 Update and strengthen career/technical curricula	N/A
Obj. 2.3 Identify and provide appropriate support for transfer students	Counselors working with students who have selected a University Studies emphasis will help them in selecting appropriate lower division courses to suit the major at the transfer institution and guide them in the application process.
Obj. 2.4 Improve student access to college facilities and services to students	Counselors help direct students to appropriate student success support services on a daily basis.
Obj. 2.5 Develop and implement an effective Enrollment Management Plan	N/A
Goal 3: Strengthen Community	

Connections	Program Evidence
Obj. 3.1 Respond to community needs	N/A
Obj. 3.2 Expand ties to the community	N/A
Goal 4: Optimize Resources	Program Evidence
Obj. 4.1 Develop and manage resources to support institutional effectiveness	N/A
Obj. 4.2 Maximize organization efficiency and effectiveness	N/A
Obj. 4.3 Maintain up-to-date technology to support the curriculum and business functions.	N/A

# 1.3 Enrollment. Not applicable.

**1.4 Population Served.** This is the first program review for these programs. Trends in enrollment are not applicable. Recruitment is accomplished in one of three ways:

1. The student meets with a counselor early during their matriculation process and determines that an Interdisciplinary Studies or University Studies emphasis best meets their educational goals while at our institution and an education plan is developed with this goal in mind. Or,

2. The student meets with a counselor for the first time just prior to graduating or transferring to another institution and asks which degree are they closest to achieving. Usually the student can finish the remaining courses the next term for at least one area of emphasis and a plan is developed. Or,

3. Students have not met with a counselor but have selected one of these programs through their own search process and have developed their own plan.

For populations served, Tables 2 through 5 give a breakdown of Interdisciplinary Studies and University Studies degrees awarded by areas of emphasis, gender and ethnicity. I don't think an evaluation of degrees by gender or ethnicity will be very telling of these programs as indicated by comments on trends in enrollment above, and because we cannot compare retention.

		2008-	2009-	2010-	2011-	2012-	2013-	
Major	Gender	09	10	11	12	13	14	Total
Interdisciplinary Studies: Arts and								
Humanities	Female	1	1	4	4	4	6	
	Male		2	2	3	3	1	

Interdisciplinary Studies: Arts and								
Humanities Total		1	3	6	7	7	7	31
Interdisciplinary Studies:								
Communication	Female		4		2	1	1	
	Male	1	1			3		
Interdisciplinary Studies:								
Communication Total		1	5		2	4	1	13
Interdisciplinary Studies: Science								
and Quantitative Reasoning	Female	3	6	16	15	39	23	
	Male	1	4	12	13	10	14	
	Unknown					1		
Interdisciplinary Studies: Science								
and Quantitative Reasoning Total		4	10	28	28	50	37	157
Interdisciplinary Studies: Social								
Science	Female	4	11	23	13	20	9	
	Male		5	7	7	12	9	
	Unknown							
Interdisciplinary Studies: Social								
Science Total		4	16	30	20	32	18	120
Interdisciplinary Studies: Wellness								
and Self Development	Female	2	7	8	15	29	16	
	Male		2	3	4	3	5	
Interdisciplinary Studies: Wellness								
and Self Development Total		2	9	11	19	32	21	94
								415

Table 3. University Studies – Degrees Awarded by Gender

		2008-	2009-	2010-	2011-	2012-	2013-	
Major	Gender	09	10	11	12	13	14	Total
University Studies: Arts and								
Humanities	Female	2	17	16	24	34	36	
	Male	6	6	9	32	22	27	
	Unknown	1				1	1	
University Studies: Arts and								
Humanities Total		9	23	25	56	57	64	234
University Studies: Communication	Female	2	4	6	7	12	12	
	Male	1	2	3	9	12	6	
	Unknown					1		
University Studies: Communication								
Total		3	6	9	16	25	18	77
University Studies: Liberal Studies								
Elementary Teacher Preparation	Female	13	62	100	116	213	225	
	Male	8	17	48	85	130	129	
	Unknown	1		2		5	3	
University Studies: Liberal Studies								
Elementary Teacher Preparation								
Total		22	79	150	201	348	357	1157
University Studies: Science and								
Quantitative Reasoning	Female	3	22	28	49	63	102	
	Male	5	13	27	44	57	52	
	Unknown			1			3	
University Studies: Science and								
Quantitative Reasoning Total		8	35	56	93	120	157	469
University Studies: Social Science	Female	10	46	77	100	119	142	
	Male	8	23	23	68	86	63	

	Unknown			1			3	
University Studies: Social Science								
Total		18	69	101	168	205	208	769
								2706

Table 4. Interdisciplinary	Studies – Degrees A	Awarded by Ethnicity

Major	Ethnicity	2008- 09	2009- 10	2010- 11	2011- 12	2012- 13	2013- 14	Total
Interdisciplinary Studies: Arts and	African-American Non-							
Humanities	Ethnicity091011121314TotalAfrican-American Non- HispanicAfrican-American Non- Hispanic111111Decline to state11111122Filipino1111123Mexican/Mex- Mexican/Chicano111133Other Hispanic-Not used by HR1111111Unknown11341212Vite Non-Hispanic113677731African-American Non- Hispanic113677731Mexican/Mex- American/Chicano121143Mexican/Mex- American/Chicano121111Mexican/Mex- American/Chicano1211343Mexican/Mex- American/Chicano1211343Mite Non-Hispanic11113433617Mexican/Mex- American/Chicano11111433617Mexican/Mex- American11111343617Mite Non-Hispanic111111	1						
	Decline to state				1	1		2
	Filipino			1		4	2	7
	-							
			1	1	1			3
							1	1
			1		1	1	2	5
		1		3				12
Interdisciplinary Studies: Arts and Humanities Total		1	3	6	7	7	7	31
Interdisciplinary Studies: Communication					1			1
	Filipino					1		1
		1	2			1		4
	Unknown		2			1		3
	White Non-Hispanic		1		1	1	1	4
Interdisciplinary Studies: Communication Total		1	5		2	4	1	13
Interdisciplinary Studies: Science and Quantitative Reasoning			1	4	3	3	6	17
					1	1	2	4
	Central American			1	2			3
	Chinese						1	1
	Decline to state			1				1
	Filipino		4	4	5	13	2	28
	Hawaiian				1			1
	Hispanic						3	3
	Indian Subcontinent				1	1		2
	Mexican/Mex- American/Chicano	1	1		4	6	2	14
	Other Asian			1		1		2
	Other Hispanic-Not used by HR					3	1	4
	Other Non-White			1				1
	Samoan						1	1
	Unknown		1	2	1	8	2	14
	Vietnamese	1			1			2
	White Non-Hispanic	2	3	14	9	14	17	59

Interdisciplinary Studies: Science and Quantitative Reasoning Total		4	10	28	28	50	37	157
Interdisciplinary Studies: Social	African-American Non-	4	10	20	20	50	57	157
Science	Hispanic		7	11	4	12	3	37
	American Indian/Alaskan Native			2		1	1	4
	Central American			1				1
	Chinese		1					1
	Filipino				6	4	3	13
	Japanese	1				1		
	Mexican/Mex- American/Chicano	3	4	1	3	6	2	19
	Other Hispanic-Not used by HR						2	
	South American					1		
	Unknown		2	7		2	1	12
	Vietnamese						1	
	White Non-Hispanic		2	8	7	5	5	2
Interdisciplinary Studies: Social Science Total		4	16	30	20	32	18	120
Interdisciplinary Studies: Wellness and Self Development	African-American Non- Hispanic		3	1	5	3	2	14
	American Indian/Alaskan Native					1	1	. 4
	Central American				1			
	Chinese				1			
	Decline to state			1				
	Filipino		2	2	7	6	1	13
	Hawaiian				1			
	Indian Subcontinent						1	
	Japanese	1						
	Mexican/Mex- American/Chicano	1	3		1	5	2	1
	Other Asian			1				
	Unknown			4	1	6	1	12
	White Non-Hispanic		1	2	2	11	13	29
Interdisciplinary Studies: Wellness and Self Development Total		2	9	11	19	32	21	94
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Table 5. University Studies – Degrees Awarded by Ethnicity

		2008-	2009-	2010-	2011-	2012-	2013-	
Major	Ethnicity	09	10	11	12	13	14	Total
University Studies: Arts and	African-American Non-							
Humanities	Hispanic	1	2	4	3	3	8	21
	American							
	Indian/Alaskan Native						1	1
	Cambodian					1		1
	Central American				1	2		3
	Chinese				2		3	5
	Decline to state		2	1	2			5

	Filipino		5	3	6	15	5	34
	Hispanic		-		-		1	1
	Indian Subcontinent				1			1
	Mexican/Mex-							
	American/Chicano		1	1	2	6	9	19
	Other Asian		2			1	1	4
	Other Hispanic-Not							
	used by HR	1	1	3	1	1	1	8
	Other Non-White			1	3			4
	Other Pacific Islander			_		2		2
	Unknown		2	4	15	12	6	39
	White Non-Hispanic	7	8	8	20	14	29	86
University Studies: Arts and			Ű		20			
Humanities Total		9	23	25	56	57	64	234
University Studies:	African-American Non-		_			_		_
Communication	Hispanic			1	2	1	2	6
	American							
	Indian/Alaskan Native					1	1	2
	Central American		1				2	3
	Chinese		2					2
	Decline to state	1			1			2
	Filipino		1		1	4	3	9
	Hispanic						1	1
	Mexican/Mex-							
	American/Chicano	1			2	2	3	8
	Other Hispanic-Not							-
	used by HR	1	1	1		2	1	6
	Unknown		1	2	4	6	1	14
	White Non-Hispanic			5	6	9	4	24
University Studies:								
Communication Total		3	6	9	16	25	18	77
University Studies: Liberal Studies	African-American Non-							
Elementary Teacher Preparation	Hispanic	1	7	24	27	32	38	129
	American							
	Indian/Alaskan Native	1		2	4	1	2	10
	Asian					1		1
	Cambodian			2		1		3
	Central American		2		7	10	6	25
	Chinese			4	4	3	4	15
	Decline to state	1	3		5	1	5	15
	Filipino		12	19	24	56	39	150
	Guamanian					1	1	2
	Hispanic						2	2
	Indian Subcontinent		3	3	9	1	3	19
	Japanese			1	2	4	7	14
	Korean			1		3	1	5
	Mexican/Mex-							
	American/Chicano	5	9	20	22	42	55	153
	Other Asian		1	1	2	5	6	15
	Other Hispanic-Not							
		1	3	6	4	13	20	47
	Other Hispanic-Not	1	3	6	4	13	20 2	7
	Other Hispanic-Not used by HR	1				13		
	Other Hispanic-Not used by HR Other Non-White			3				7
	Other Hispanic-Not used by HR Other Non-White Other Pacific Islander			3 2	1	2	2	7 5

	White Non-Hispanic	12	30	41	61	113	117	374
University Studies: Liberal Studies								
Elementary Teacher Preparation								
Total		22	79	150	201	348	357	1157
University Studies: Science and	African-American Non-		-	-	10			26
Quantitative Reasoning	Hispanic		1	2	10	4	9	26
	American Indian/Alaskan Native		2	1		2		
	Cambodian		2	1		2		5
	Central American				2	4	4	10
	Chinese			5	4	T	5	10
	Decline to state		2	5	2		1	5
	Filipino		2	8	19	19	28	76
	Guamanian					2		2
	Hawaiian					1		1
	Hispanic						1	1
	Indian Subcontinent		3		6	1	4	14
	Japanese				2	1	3	6
	Korean			1	1	1	1	4
	Laotian				1			1
	Mexican/Mex-							
	American/Chicano	2	4	5	9	13	22	55
	Other Asian			2	4	5	6	17
	Other Hispanic-Not							
	used by HR	1	3	4		6	2	16
	Other Non-White	1					1	2
	Other Pacific Islander		1			2		3
	Samoan						2	2
	South American		4	-	3	10	10	3
	Unknown		4	7	8	16	18	53
	Vietnamese White Non-Hispanic	4	3 10	1 17	<u>3</u> 19	1 42	3 47	11 139
	(blank)	4	10	2	19	42	47	2
University Studies: Science and				2				2
Quantitative Reasoning Total		8	35	56	93	120	157	469
	African-American Non-							
University Studies: Social Science	Hispanic	1	9	20	18	12	28	88
	American							
	Indian/Alaskan Native			1			3	4
	Central American		1		8	9	4	22
	Chinese		2	1	3	1	2	9
	Decline to state	1	2	2	5		1	11
	Filipino	2	7	9	22	33	17	90
	Guamanian		1					1
	Hawaiian				2			2
	Hispanic						1	1
	Indian Subcontinent		4		2	1	4	11
	Japanese	1			1	2	6	10
	Korean			1		5	1	6
	Laotian Mexican/Mex-						1	1
	American/Mex-	4	8	12	15	24	30	93
		4	2	12	6	4		95 17
	()ther Asian			L 1	0	4	-+	/
	Other Asian Other Hispanic-Not		2					
	Other Asian Other Hispanic-Not used by HR	4	2	4	5	14	6	35

								2706
Total		18	69	101	168	205	208	769
University Studies: Social Science								
	White Non-Hispanic	2	20	31	47	59	72	231
	Vietnamese				1	1	3	5
	Unknown		10	11	32	37	23	113
	South American			2			3	5
	Samoan			1				1
	Other Pacific Islander	1	1	1		2		5

**1.5** Status of Progress toward Goals and Recommendations. There were no goals or recommendations in a previous educational master plan or program review.

# Table 6. Educational Master Plan

Educational Master Plan		Status
1.	N/A	N/A

# Table 7. Program Review Recommendations

	ogram Review Recommendations (No evious Cycle)	Status
1.	N/A	N/A

**1.6 Future Outlook.** We do not foresee any external conditions that will affect the future of the program in the coming years. The Counseling Division is considering eliminating some programs that do not have many graduates or that may duplicate another existing program.

# CURRICULUM DEVELOPMENT, ASSESSMENT, AND OUTCOMES

# Program Level Outcomes

**2.1** Tables 8 and 9 list the Interdisciplinary Studies and University Studies Program Level Outcomes (PLOs) and which of the "core four" institutional learning outcomes (ILOs) they address. The most difficult challenge is how to assess these outcomes. Student surveys are impractical and the counselors are not teaching most of these courses. Counseling worked with the institution's PLO/SLO Coordinator, Gene Thomas, last spring, in an effort to determine how to best assess them. It was suggested that reducing three PLOs to one would help, and to base the assessment on the number of degrees awarded. These suggestions will be included in the Programmatic Goals & Planning section of this self-study. It should also be noted that only one out of ten of the areas of emphasis had its own set of PLOs (University Studies: Science and Quantitative Reasoning). It has also been suggested that the PLO only address the main program and not each area of emphasis.

Table 8. Interdisciplinary Studies Program Level Outcomes

Program Level Outcomes	ILO (Core 4)	How PLO is
		assessed

1.	Students who complete an Associate Degree will be able to discern the relationship between personal perspective and evidence-based evaluation of information.	IIA – Analysis D IID – Problem Solving	See notes in paragraph 2.1
2.	Students who complete an Associate Degree will be able to discover the nature and common themes of the disciplines represented by an academic area of emphasis.	IIA – Analysis D IID – Problem Solving	See notes in paragraph 2.1
3.	Students who complete an Associate Degree will be able to acquire a knowledge base that encourages lifelong learning in order for them to effectively adapt to a complex and changing society.	IIA – Analysis D	See notes in paragraph 2.1

 Table 9. University Studies Program Level Outcomes

Program	m Level Outcomes	ILO (Core 4)	How PLO is assessed
1.	Students completing an Associate Degree will be able to develop a pattern of thinking and a knowledge base consistent with the scholarship required to pursue further study in a major at a university.	IIA – Analysis D IID – Problem Solving	See notes in paragraph 2.1
2.	Students completing an Associate Degree will be able to discover the nature and common themes of the disciplines represented by an area of emphasis.	IIA – Analysis D IID – Problem Solving	See notes in paragraph 2.1
3.	Students completing an Associate Degree will be able to examine the relationship between personal perspective and evidence-based evaluation of information.	IIA – Analysis D IID – Problem Solving	See notes in paragraph 2.1

**2.2** "Report on how courses support the Program Level Outcomes at which level (introduced (I), developing (D), or mastered (M))." It is impractical to list this information.

Table 10. Program Courses and Program Level Outcomes

Course	PL01	PL02	PL03	PL04
N/A	N/A	N/A	N/A	N/A

**2.3** Results of the program level assessments and any changes/planned actions made based on the outcomes of program level student learning assessments.

Table 11. Program Level Assessments

	ogram Level itcomes	Date(s) Assessed	Results	Action Plan	
1.	N/A	N/A	N/A	N/A	

The traditional method of Program Level Assessment does not apply here. There are two main concerns with the Interdisciplinary Studies and University Studies programs and their five areas of emphasis each: The first is whether or not to continue both programs and each the five areas of emphasis under each program; and the second, to determine if the courses in each area of emphasis should remain in that area or be deleted, and if other courses should be added. The second concern involves reviewing the area of emphasis (e.g., Arts and Humanities) with the Dean and faculty that have courses or programs affected by the respective area. This has not been completed to date.

**2.4** No changes have been made to the programs or courses that were a direct result of program level assessments as of this date. Please see the suggestions included in the Programmatic Goals & Planning section of this self-study.

#### Student Learning Outcomes

**2.5** Counseling does not have programs other than Interdisciplinary Studies and University Studies. The SLOs for courses taught in those programs come under the purview their respective Deans and faculty. Counseling has been following the institution's policy of reviewing courses at least yearly and the Counseling courses are up to date. These assessments have been useful in our planning efforts. Courses with multiple sections have been aligned so that a common tool or question on examinations is utilized to assess student learning outcomes to help standardize measures.

2.6 Not applicable.

**2.7** Not applicable.

# Curricular Offerings

2.8 Course offerings. Not applicable.

2.9 Fill rates/Class size. Not applicable.

2.10 Course sequencing. Not applicable.

2.11 Basic Skills (if applicable). Not applicable.

2.12 Student Survey. Not applicable.

2.13 Four-year articulation (if applicable). Not applicable.

2.14 High school articulation (if applicable). Not applicable.

2.15 Distance Education (if applicable). Not applicable.

2.16 Advisory Boards/Licensing (CTE) (if applicable). Not applicable.

# STUDENT EQUITY & SUCCESS

**3.1** *Course Completion and Retention.* Both course and program retention is not measurable. Program completion is shown in Tables 2 through 5. Trying to measure equity with these tables may not be practical as these programs allow for a very diverse student population. Every student should be able to find and succeed in at least one of these programs regardless of gender or ethnicity.

**3.2 Degrees/Certificates Awarded (if applicable).** Program (degree) completion is shown in Tables 2 through 5. Trying to measure equity using these tables may not be practical as these programs allow for a very diverse student population. Every student should be able to find and succeed in at least one of these programs regardless of gender or ethnicity.

**3.3** *Transfer* (if applicable). The University Studies program and its five areas of emphasis are designed for transfer students in particular. One of the requirements for obtaining a degree with this program is to complete one of the two general education options which are used to transfer to a UC, CSU or independent 4-year institution. Counselors spend a great deal of their time reviewing transfer and graduation requirements with students as part of their normal duties.

3.4 Career Technical Programs (if applicable). Not applicable.

# **PROGRAM RESOURCES**

**4.1 Human Resources**. Not applicable. Staffing for counseling faculty is addressed in the nonacademic program review.

**4.2** *Current Staffing.* All counselors contribute to these two programs by helping students select their educational goals and by developing education plans to achieve them. There are three counselors who have made significant contributions to these two programs: Marianne Flatland, Robin Arie-Donch and Barbara Pavao are the authors of the current programs and volunteered many hours in a short period of time to get these programs into the catalog. The alternative would have been to eliminate the Liberal Arts program without replacing it with anything else. That option would have left many students without degrees (somewhere in the neighborhood of 3,121 degrees) and would have significantly lowered the student success of our institution.

# 4.3 Equipment. Not applicable.

4.4 Facilities. Not applicable.

4.5 Budget/Fiscal Profile. Not applicable.

# PROGRAMMATIC GOALS & PLANNING

5.1 Two of our program's strengths are; first, its diverse application for a diverse student population; and second, these programs can help students avoid accumulating unnecessary courses and personal expenses in their journey to achieving their educational goals, and also helps them remain eligible for financial aid by keeping them under the maximum 90.0 unit time frame.

The area that is most in need of improvement is making liaisons with the other Schools and Deans to keep the courses in the areas of emphasis accurate and applicable.

**5.2** The program's short (1-2 years) and long term goals (3+ years) are prioritized below. (Source column key: "SP" for Strategic Proposals, "DB" for Department Budget, "P" for Perkins or "NR" for No Additional Resources Needed.)

Short- Term Goals	Planned Action	Target Date	Person Responsible	Source
1. Add ADT to U/S	Update catalog for University Studies to reflect Either AA/S- T or cross-cultural option for degree.	01/31/2015	Steve Springer	NR
2. Check for Typograp hical Errors	Update catalog for all typographical errors, course number changes and delete courses that have been removed from the catalog for both programs.	01/31/2015	Steve Springer	NR
3. Fix error in I/S, U/S Science	Remove the statements for Interdisciplinary and University Studies science programs that indicate chemistry may be used in only one area.	01/31/2015	Steve Springer	NR
4. Correct GE Units	Submit to curriculum committee request to change Interdisciplinary Studies minimum general education	05/20/2015	Marianne Flatland	NR

Table 12. Short-Term and Long-Term Goals

	requirement from 22.0 units to 21.0 units.			
5. Update Courses for Degrees	Propose course changes for each area of emphasis after meeting with Dean of each respective area.	05/20/2016	Jocelyn Mouton	NR
6. Correct PLO I/S	Reduce PLOs for Interdisciplinary Studies to one measurable PLO.	05/20/2016	Jocelyn Mouton	NR
7. Correct PLO U/S	Reduce PLOs for University Studies to one measurable PLO.	05/20/2016	Jocelyn Mouton	NR
8. Keep PLO at I/S U/S Levels	Delete PLO for University Studies Science and Quantitative Reasoning.	05/20/2016	Jocelyn Mouton	NR
Long- Term Goals	Planned Action	Target Date	Person Responsible	Source
None	N/A	N/A	N/A	N/A

### SIGNATURE PAGE

6.1 The undersigned faculty in the Interdisciplinary Studies and University Studies programs, have read and concur with the finding and recommendations in the attached program review selfstudy, dated 01/16/2015.

Steven Springer	Jim Anderson
Brenda Tucker	Rebecca LaCount
Mary Gumlia	Abla Christiansen
Barbara Pavao	Erma Moreno
Robin Arie-Donch	Marcie McDaniels
Amy Dauffenbach	Nicholas Cittadino
Jocelyn Mouton	Priscilla Hernandez-Neil
Kamber Santa Maria	Candace Roe
Angela Apostal	Max Hartman
Marianne Flatland	Narisa Orosco-Woolworth