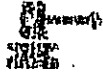


UNIVERSITY OF CALIFORNIA, BERKELEY  
1001 SHREVE DRIVE, BERKELEY, CALIFORNIA 94720

ACADEMIC SENATE



*Proposed*

MEETING NOTICE

SPECIAL MEETING  
OF THE ACADEMIC SENATE

WEDNESDAY DECEMBER 2, 1981  
2:00 P.M. SSC 107

AGENDA: GENERAL EDUCATION PROPOSAL (ATTACHED) AS 81-61A



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**CALIFORNIA STATE UNIVERSITY, SACRAMENTO**  
6000 J STREET, SACRAMENTO, CALIFORNIA 95819

ACADEMIC SENATE

November 24, 1981



TO: Academic Senate

FROM: Alan D. Wade, Chair  
Academic Senate

SUBJECT: General Education Program Proposal

Our campus' General Education proposal has undergone minor revisions since the Special Senate Meeting of 11/18/81. Since then, the G.E. Committee has met again and reviewed the issues raised at the Senate meeting. A modified and streamlined proposal emerged, sent to every senator. This served as the base for a special Senate Executive Committee meeting on 11/24/81, attended by interested individuals including representatives of key committees.

As the result of this meeting, the attached document was adopted by the Executive Committee and comes to the Senate as a seconded motion awaiting discussion and action.

Although the proposal was adopted unanimously by the Executive Committee, discussion made it clear that two issues remain unresolved. As identified by the Executive Committee, these are:

- (1) Shall the American institutions or "code" courses be treated as in the attached proposal, resulting in a total of 48 required units of G.E. plus 3 additional code requirements (51 unit total)? Or shall the additional 3 units be moved into the G.E. program itself, thereby resulting in a 51 unit G.E. requirement? If the latter decision is made, shall the G.E. program remain at 51 units, or shall some other requirement be dropped? If the latter, then what existing requirements shall be eliminated?
- (2) Shall the 6 units of World Civilization (C.I., now in Humanities) be reduced to "3" or "0" units? If World Civilization, or any portion of the current requirement under this heading, be redefined as "Social Sciences" and transferred to Section D., then there will be an impact on D in the form of a corresponding limitation in the number of social science/major social issues course offerings.

The above, along with other concerns expressed on the floor of the Senate, may be addressed in the form of substantive proposals introduced as amendments to the main motion.

RECOMMENDED MODIFICATIONS  
IN THE GENERAL EDUCATION PROGRAM  
TO MEET THE PROVISIONS  
OF TITLE 5, SECTION 40405

In completing General Education requirements, students must take at least one course designated as fulfilling the critical thinking requirement, one course designated as fulfilling the oral communication requirement, and a minimum of six units in courses designated as Advanced Study. 9 units of upper division courses including advanced study must be taken no sooner than the semester in which the student achieves junior standing.

A. Communication and Critical Thinking 9 units

1. English composition (3)
2. Oral communication (3)
3. Critical thinking (3)

\*B. Physical Universe and Life Forms 12 units

Students must take at least one course in each subgroup. At least one of the courses taken in the Physical Sciences or Life Sciences must have a laboratory component.

1. Quantitative Reasoning (excludes logic courses)
2. Physical Sciences
3. Life Sciences

C. Arts, Literature, Philosophy, Foreign Languages 12 units

1. World Civilization (6)
2. Arts, Literature, Philosophy, Foreign Languages (6)

D. Social Sciences 12 units

1. Major social issues of the contemporary era (3)
2. American institutions - "code" courses (3)
3. Individual and Society (6)

E. Understanding Personal Development (3)

\*This is not to preclude the development of a General Education science course which may be cross-listed as Physical Sciences/Life Science.



**CALIFORNIA STATE UNIVERSITY, SACRAMENTO**

6000 J STREET, SACRAMENTO, CALIFORNIA 95819

ACADEMIC SENATE

December 2, 1981



<sup>B</sup>  
AS 81-61/Ex. GENERAL EDUCATION PROGRAM

The Academic Senate approves the following resolution:

WHEREAS, In 1979-80, after a lengthy process of deliberation and debate, the faculty of CSU, Sacramento adopted a new General Education Program, and

WHEREAS, In 1980, after a lengthy process of deliberation and debate, the Trustees of the CSUC adopted a new General Education Program which is embodied in Section 40405 of Title 5, and

WHEREAS, The CSU, Sacramento, General Education Committee has devoted great effort during the past year and a half "to meet the requirements of Title 5 while preserving as much as possible of the unique curricular content of the current CSU, Sacramento, General Education Program", and

WHEREAS, In spite of the diligent efforts of the General Education Committee, an analysis of the most recent General Education Program proposal reveals substantial negative staffing, curricular, and fiscal implications, therefore be it

RESOLVED, That the Academic Senate urge the President to request from appropriate members of the central administration a further delay in meeting the requirements of Title 5, and be it further

RESOLVED, That the Academic Senate postpone final consideration of the General Education Program pending further study of staffing, curricular, and fiscal implications, and be it further

RESOLVED, That the Academic Senate direct the Executive Committee to oversee this study and ensure that it is completed by March 31, 1982.

UNDERLYING PREMISES TO THE GENERAL EDUCATION COMMITTEE'S PROPOSAL  
*as endorsed by the General Education Committee 11/25/81*

The primary goal of the General Education committee was to meet the requirements of Title 5 while preserving as much as possible of the unique curricular content of the current CSU Sacramento G.E. program. This is reflected by the retention of 6 units of World Civilizations, 6 units of Advanced Study, and 3 units of Contemporary Social Issues. This commitment is also demonstrated by the continuation of all existing criteria for selecting courses for the appropriate G.E. categories (oral communication and critical thinking criteria have been further refined). Where consistent with Title 5 provisions, the units assigned to each major sub-category of the General Education program has remained the same, with the exception of the number of units of American Institutions ("code") courses which count toward fulfilling the social science requirement. The committee would have preferred to recommend no changes in our current program, but such a position was viewed as unrealistic given the clear mandates of Title 5.

The suggested modifications to the current program and the reasons which support those changes are summarized below.

A. Communication and Critical Thinking 9 units

This category contains those courses currently listed under Basic Subjects in Composition, Oral Communication, and Critical Thinking.

- 9 units minimum is required by Title 5,
- restriction to content areas of composition, oral communication, and critical thinking is required by Title 5
- students must complete English 1A, and a course designated as fulfilling the oral communication criteria, and a course designated as fulfilling the critical thinking requirement.

The committee discussed requiring a class in oral communication and a class in critical thinking which dealt exclusively with these content areas. This was rejected in favor of allowing either content specific courses, or other courses in G.E. which met the appropriate criteria as ways for fulfilling the requirements for this category. This will provide flexibility in meeting student demand for courses. If students fulfill the requirements in oral communication and/or critical thinking in G.E. categories other than A, they must still complete a total of 48 units in the G.E. Program. They may do so by selecting the 3 to 6 additional units from any category in the G.E. Program.

B. Physical Universe and Life Forms 12 units

This category contains the reasoning category (excluding logic) from Basic Subjects area, and all courses listed under the current program's Physical Universe and Life Forms.

- 12 units minimum required by Title 5
- restriction to content areas of quantitative reasoning, physical, and life sciences required by Title 5.
- students must complete a course in quantitative reasoning, a course in the physical sciences, and a course in life sciences. A science lab experience is required. This distribution is required by Title 5.

The grouping of quantitative reasoning with the sciences will permit greater flexibility in the distribution of units among the three required areas. This preserves some of the benefits now provided for in the current program's electives section of Basic Subjects and the spillover units credited toward the Electives category. Both of these electives categories are eliminated by Title 5 unit requirements for specific categories. The options created among the three areas may also reduce some of the extra demand for life science courses which was of concern to the Fiscal Affairs Committee.

C. Arts, Languages, Philosophy, Foreign Languages 12 units

This category contains six units from the current Arts and Humanities area and six units from the World Civilization category. Foreign languages, which are part of the electives in Basic Subjects, are placed in this section of G.E.

- 12 units minimum required by Title 5
- foreign languages are required by Title 5 to be counted in this category.

The committee recommends retention of the current 6 units for Arts and Humanities and 6 units for World Civilization. The World Civilization sequence meets the description of courses acceptable under Title 5 for inclusion in this

category. This has the advantage of preserving the integrity of what the committee believes is one of the unique aspects of our G.E. program.

D. Social Sciences 12 units

This area includes the current Major Social Issues and Individual and Society categories, and creates a separate American Institutions category.

- 12 units minimum required by Title 5
- code courses are permitted by Title 5
- Social Science courses are required by Title 5 to be in this category

The committee recommends restricting the number of code courses which will count toward fulfilling G.E. Title 5 left this as a local campus option. The major reasons for the committee's action were:

1. To redress an imbalance in the current program which, by counting 6 units of code courses, restricts most students to no more than 3 units of social science courses that fit the Individual and Society criteria.
2. The criteria and content for code courses are completely outside the purview of the general education program.
3. There is enough flexibility in the program to balance what some call a 51 unit G.E. program.

E. Understanding Personal Development 3 units

This category contains the non spillover units now in the Electives category.

- 3 units required by Title 5

The committee recommends creation of this category to comply with Title 5. It includes all courses now listed in the Electives category. Revised criteria for this section will be considered by the committee.



Waivers

One final note on waivers from the G.E. program. The committee would hope that every degree would have sufficient room for general education. Where necessary and after sufficient documentation to the appropriate decision makers, it is recommended that as much of the G.E. program be retained as is possible. For example, some majors may need to double count courses in Understanding Personal Development, or combine oral communication and critical thinking in one course, or obtain a specific waiver of life sciences. These minor modifications are preferred to establishing distinct and radically different G.E. programs for some majors.

12/1/81  
 Prepared for  
 S. Barkdull by  
 R. Leezer

Draft

An examination of the recommended changes in the GE program to comply with the new Title V Section 40405 indicates that a fiscal disaster will be produced if it is implemented.

Basic Sub (inc. Foreign Lang)	12	}	}	9	Communication of all sorts in English
Science	7-10			12	Science & quantitative reason
Indiv & Soc (includes up to 6 code)	6-9	}	}	6	Indiv & Soc (no code)
Major Soc. Issues	3			9-12 ↔ 12 (+3)	3
World Civ	6	}	}	6	World Civ
Hum & Fine Arts	6-9			12-15 ↔ 12	6
Electives	$\frac{5}{48}$			$\frac{3}{48}$	Personal Development

The situation of the languages and fine arts is as follows:

Comparison of the two programs shows that the number of units that a student could take and count towards GE would be substantially reduced under the proposal (Note: An informal survey of non-major students and faculty in lower division courses in these areas indicates that students plan to use these units for GE).

The reduction is due to the proposal's organization of the Social Science and Humanities areas, to the loss of an overflow in the electives category, and to the increase in required upper division units and the fact that the bulk of this (in particular advanced study) will be in these categories. There was a small indication of loss in fine arts G.E. this year under the existing program (probably due to competition with advanced study) and future competition with the languages could only exacerbate that loss.

The languages on the other hand move from a position in which a student can quite realistically count 8 - 11 units of basic language instruction to one in which 3 units is a probable maximum and even that is in competition with fine arts G.E.

The drastic reduction of that opportunity in terms of the usability of the units for G.E. purposes will unquestionably result in substantial losses of lower division enrollment. In the particular case of the foreign languages and fine arts which have no other non-major lower division offerings (service courses, etc.), the effect could be to essentially wipe out their lower division and eventually to erode upper division major or minor enrollments through the loss of those students who decide to become majors or minors after taking the lower division introductory courses (a significant percentage according to language and arts faculty).

#### Numbers

The easiest situation to analyze is the foreign language area. This Fall semester's enrollment totals (which are typical for the last several years) are as follows:

	Faculty WTH			FTES		
	1A	(1A-2B+lab)	UD+Grad	1A	(1A-2B+lab)	UD+Grad (inc sup)
Chinese	8	8	3*	11.2	11.2	1.0
French	24	47	25	44.00	80.13	34.20
German	20	42	20	25.53	47.14	16.06
Greek	4	8	8	4.53	7.46	.81
Italian	8	12	12	14.40	17.60	9.40
Japanese	4	8	6*	11.47	15.20	5.0
Latin	4	8	0	5.60	7.20	.53
Portuguese	4	8	3	4.53	9.06	2.34
<del>          </del> Russian	4	8	3	5.07	9.60	2.47
Spanish	28	64	67	54.67	112.41	79.02
	108	213	147	181.00	317	150.83

Total WTH 360

LD GE 59.17%

1A alone 30%

FTES total 467.83

LD GE 67.75%

1A alone 38.6%

The loss of even  $\frac{1}{3}$  of the lower division enrollment would cost 71 WTH (5-6 positions) immediately and more later as the effect hit upper division ( $\frac{1}{3}$  is a very conservative estimate since it appears that 60-70% of 1A enrollment is non-major/minor).

The loss of lower division G.E. enrollment in the fine arts is somewhat harder to isolate in specific courses but it is safe to assume that what the languages retain the arts will lose and it would take a much smaller percentage loss to produce a similar loss of positions (5-6).

Note: These areas do not, in general, use what little part-time flexibility they have to teach lower division, but hire outside experts to round out their major offerings.

Again, the figures given here are probably an underestimate of the damage. An absolute minimum loss in positions to the Fine Arts and Languages is 12-15 and a figure in the neighborhood of 20 is more likely over a 2-3 year period of implementation.

This exceeds the total part-time flexibility of these areas in a typical semester by 11-12 positions. Moreover, these areas (especially the arts) use what flexibility they have to obtain outside expertise to round out their major programs.

It is apparent that implementation of the existing proposal would cause 10 or more tenure-track layoffs in language and fine arts areas, as well as the total loss of what programmatic flexibility presently exists.



# CALIFORNIA STATE UNIVERSITY. SACRAMENTO

6000 J STREET, SACRAMENTO, CALIFORNIA 95819

California State University, Sacramento  
6000 J Street  
Sacramento, California 95819

NOV 23 1981

Academic Senate Received  
413

## M E M O R A N D U M

November 23, 1981

TO: Academic Senators and  
Appropriate Individuals

FROM: Mary Jo Kenny, Chair  
General Education Committee

Following the Academic Senate proceedings this past Wednesday, November 18, the General Education Committee met again Thursday evening and reviewed the issues that had been raised at the Senate meeting. As a result the General Education Program Proposal has been modified and streamlined somewhat so as to clarify the categories and to focus on the issues faced by the campus community.

The Proposal is due in the Chancellor's Office now, and once cleared through the campus community and approved by President Johns will be hurried on down to Long Beach.

cc: Sandra Barkdull  
Vice President  
for Academic Affairs

June Stuckey, Associate Vice President  
Academic Affairs (Academic Programs)  
and Dean of Graduate Studies

Robert V. Arellanes  
Dean of Academic Affairs  
and Continuing Education

RECOMMENDED MODIFICATIONS  
IN THE GENERAL EDUCATION PROGRAM  
TO MEET THE PROVISIONS  
OF TITLE 5, SECTION 40405

In completing General Education requirements, students must take at least one course designated as fulfilling the critical thinking requirement, one course designated as fulfilling the oral communication requirement, and a minimum of six units in courses designated as Advanced Study.

- A. Communication and Critical Thinking 9 units
1. English composition (3)
  2. Oral communication (3)
  3. Critical thinking (3)
- B. Physical Universe and Life Forms 12 units
- Students must take at least one course in each subgroup. At least one of the courses taken in the Physical Sciences or Life Sciences must have a laboratory component.
1. Quantitative Reasoning (excludes logic courses)
  2. Physical Sciences
  3. Life Sciences
- C. Arts, Literature, Philosophy, Foreign Languages 12 units
1. World Civilization (6)
  2. Arts, Literature, Philosophy, Foreign Languages (6)
- D. Social Sciences 12 units
1. Major social issues of the contemporary era (3)
  2. American institutions - "code" courses (3)
  3. Individual and Society (6)
- E. Understanding Personal Development (3)

9 units of upper division courses including advanced study must be taken.

November 20, 1981

48 unit minimum may include up to three units of "Code" courses.

Each baccalaureate graduate shall have completed the program described in A through B below totaling 48 semester units."

Nine units of upper division work including six units of Advanced Study.

Six units of upper division level course work in residence is required in the form of Advanced Study courses.

Advanced Study courses are open only to upper division students or those who attain upper division status during the semester in which the course is taken.

Nine units (including six units of Advanced Study) must be taken at the CSUS campus, i.e., in residence.

"At least nine of the 48 semester units should be earned at the campus granting the degree."

Six units of Advanced Study must be taken at the CSUS campus.

A 1. A course in English Composition (3 units) is required in Group Ia.

- A course in English Composition (3 units) is required in Basic Subjects.

A 2. A course meeting criteria<sup>1</sup> for oral communication must be taken either under communication and critical thinking or within one of the other categories.

- A course in Oral communication is an elective under Basic Subjects.

A 3. A course meeting criteria<sup>1</sup> for critical thinking must be taken either within communication and critical thinking or within one of the other categories.

- A course in critical thinking is an elective under Basic Subjects.

<sup>1</sup>The criteria are met along in the drafting process.



TITLE 5 REQUIREMENTS

GE COMMITTEE PROPOSAL

- A student can complete the 48 unit requirement with only 7 (range 7-10) units in this category. The inclusion of PHIL 4 (Logic) in Group Ib makes it possible to complete the program without taking a course dealing with mathematical concepts and quantitative reasoning. The program does not specify separate requirements for a course in life science and a course in physical science. A student may complete the Natural Science requirements (IIa) without taking course work in the Life Sciences, or without taking course work in the Physical Sciences.
- A laboratory experience is required.

"B. A minimum of twelve semester units to include inquiry into the physical universe and its life forms, with some immediate participation in laboratory activity, and into mathematical concepts and quantitative reasoning and their applications."

Courses in quantitative reasoning are grouped under the same heading (Group II-The Physical Universe and Its Life Forms) as the physical sciences and life sciences to permit flexibility in the distribution of units among the three required areas of study. The category requirement is 12 units to include at least one course in each subcategory.

- B 1. Quantitative Reasoning
- B 2. Physical Sciences
- B 3. Life Sciences

A laboratory experience is required.

- A minimum of 6 units of course work in Arts and Humanities (IIc) is required. This category does not include introductory foreign language courses.
- Up to 6 units of foreign languages may be taken in electives in Basic Subjects.
- [- World Civilization courses were included with Studies in the Human Experience and stood alone in the GE Program. See attached criteria.]

"C. A minimum of twelve units among the arts, literature, philosophy, and foreign languages."  
See attached for extensive description from the Title 5 documentation.

- C 1. A minimum of 6 units of course work in Arts and Humanities including foreign languages.
- C 2. Six units of World Civilizations are counted toward the Title 5 requirement for 12 units in the arts, literature, philosophy and foreign languages.

TITLE 5 REQUIREMENTS

GE COMMITTEE PROPOSAL

- A minimum of six units (range 6-9) in the Individual and Society (IIb) which may include code courses.

[- A minimum of three units in courses dealing with Major Social Issues (IIIb) included in Studies in the Human Experience.]

[- World Civilization courses were included with Studies in the Human Experience and stood alone in the GE Program.]

"D. A minimum of twelve semester units dealing with human social, political, and economic institutions and behavior and their historical background."

"... up to six units taken to meet the U.S. History, Constitution and American Ideals may be credited toward satisfying the GE Breadth requirements set forth in #40405 at the option of the campus."

- Most of the courses listed in Group IV (Electives) may satisfy this requirement as well as courses classified in other categories. However, students may complete the 48 unit program without taking course work which satisfies this requirement.

- Six units of Advanced Study.

- Six units of World Civilizations

- Three units in Major Social Issues.

D 3. Six units in Individual and Society (IIb) [excludes code courses].

D 2. Three units in American Institutions (IID).

∴ up to 3 units of code courses may be included in the 48 unit GE requirement.

D 1. Three units in Major Social Issues (IIb).

E. The category Understanding Personal Development (3 units) which is the same as the former Group IV Electives category, except that "spillover" units from other categories are not permitted. Includes "Courses enhancing understanding of self and present day society, and courses developing an art or skill of life long value."

"E. A minimum of three semester units in study designed to equip human beings for life-long understanding and development of themselves as integrated physiological and psychological entities."

Six units of Advanced Study.

Six units of World Civilizations (kept as separate category and counted toward the Arts and Humanities total).

Three units in Major Social Issues (kept as a separate category, but counted toward the 12 unit Social Science minimum).

- C. A minimum of twelve semester units among the arts, literature, philosophy and foreign languages.

Instruction approved for the fulfillment of this requirement should cultivate intellect, imagination, sensibility and sensitivity. It is meant in part to encourage students to respond subjectively as well as objectively to experience and to develop a sense of the integrity of emotional and intellectual response. Students should be motivated to cultivate and refine their affective as well as cognitive and physical faculties through studying great works of the human imagination, which could include active participation in individual esthetic, creative experience. Equally important is the intellectual examination of the subjective response, thereby increasing awareness and appreciation in the traditional humanistic disciplines such as art, dance, drama, literature and music. The requirement should result in the student's better understanding of the interrelationship between the creative arts, the humanities and self. Studies in these areas should include exposure to both Western cultures and non-Western cultures.

Foreign language courses may be included in this requirement because of their implications for cultures both in their linguistic structures and in their use in literature; but foreign language courses which are approved to meet a portion of this requirement are to contain a cultural component and not be solely skills acquisition courses. Campus provisions for fulfillment of this requirement must include a reasonable distribution among the categories specified as opposed to the completion of the entire number of units required in one category.

### III. STUDIES IN THE HUMAN EXPERIENCE

- a. Criteria for *World Civilizations*: Students are to complete either Option 1 or 2 below:

1. A six-unit chronological and interdisciplinary sequence in the history, culture and values of the major civilizations of the world. The course stresses western civilization but devotes no less than one-third of its attention to the unique characteristics and development of major civilizations of the non-western world.

The course treats the first emergence of civilization and the establishment of the major civilized traditions of the world, including the classical and medieval traditions of the West and selected non-western civilizations from among China, Japan, India, Islam, Africa and Meso-America. The course then surveys the history of the world in the age of western predominance, emphasizing the expansion, dynamism and crisis of the West, the interpenetration of world cultures in the modern era, and in the 20th century the resurgence of Third World independence and the emergence of a global community.

2. Students are to choose courses from categories (a) and (b) below. It is recommended that the course in category (a) be taken prior to the course in category (b).

(a) A 3-unit course in the history, culture and values of the western world which covers an extended time period (at least 500 years) in the development of the West.

(b) A 3-unit course that is primarily concerned with the history, culture and values of one or more of the major civilizations of the non-western world. The course is to be broad in scope in the sense that either 1) it offers a cross-cultural comparison in more than one major civilization, or 2) it covers an extended time period (at least 500 years) in the development of a civilization.



# CALIFORNIA STATE UNIVERSITY. SACRAMENTO

6000 J STREET, SACRAMENTO, CALIFORNIA 95819

OFFICE OF THE PRESIDENT  
Vice President for Academic Affairs

November 30, 1981

California State University, Sacramento  
6000 J Street  
Sacramento, California 95819

M E M O R A N D U M

TO: Academic Senators

FROM: Robert V. Arellanes  
Dean of Academic Affairs  
and Continuing Education

NOV 30 1981  
Academic Senate Received  
413

At the meeting of the Executive Committee of the Academic Senate, Wednesday, November 25, the attached statement "Underlying Premises of the General Education Committee's Proposal" was circulated. This statement was prepared and approved by the G.E. Committee. Following review the Executive Committee of the Senate agreed that the statement should be distributed to the Academic Senators as background information for the Senate's scheduled December 2nd meeting to consider G.E. The statement refers to the materials distributed earlier to the Senators (see Mary Jo Kenny's Memo, November 23, 1981) which summarized the G.E. Committee's Proposal and contained background information. If you do not have a copy of Mary Jo Kenny's original materials, please contact my office and we will deliver a copy.

One additional item which should be of interest is also attached. Included in the reams of materials from Long Beach is a list of "Specific Objectives" which should be met in each category of the G.E. Program.

cpg  
Attachments

cc: Sandra Barkdull  
Vice President  
for Academic Affairs

June Stuckey, Associate Vice President  
Academic Affairs (Academic Programs)  
and Dean of Graduate Studies

Deans, Division and Department Chairs

General Education Committee

UNDERLYING PREMISES OF THE GENERAL EDUCATION COMMITTEE'S PROPOSAL  
*as endorsed by the General Education Committee 11/26/81*

The primary goal of the General Education Committee was to meet the requirements of Title 5 while preserving as much as possible of the unique curricular content of the current CSU Sacramento General Education Program. This is reflected by the retention of 6 units of World Civilizations, 6 units of Advanced Study, and 3 units of Major Social Issues of the Contemporary Era. This commitment is also demonstrated by the continuation of all existing criteria for selecting courses for the appropriate G.E. categories (oral communication and critical thinking criteria have been further refined). Where consistent with Title 5 provisions, the units assigned to each major subcategory of the General Education Program has remained the same, with the exception of the number of units of American Institutions ("code") courses which count toward fulfilling the social science requirement. The Committee would have preferred to recommend no changes in our current program, but such a position was viewed as unrealistic given the clear mandates of Title 5.

The suggested modifications to the current program and the reasons which support those changes are summarized below.

A. Communication and Critical Thinking 9 units

This category contains those courses currently listed under Basic Subjects in Composition, Oral Communication, and Critical Thinking.

- 9 units minimum is required by Title 5;
- restriction to content areas of composition, oral communication, and critical thinking is required by Title 5;
- students must complete English 1A, and a course designated as fulfilling the oral communication criteria, and a course designated as fulfilling the critical thinking requirement.

The Committee discussed requiring a class in oral communication and a class in critical thinking which dealt exclusively with these content areas. This was rejected in favor of allowing either content specific courses, or other courses in G.E. which met the appropriate criteria as ways for fulfilling the requirements for this category. This will provide flexibility in meeting student demand for courses. If students fulfill the requirements in oral communication and/or critical thinking in G.E. categories other than A, they must still complete a total of 48 units in the G.E. Program. They must do so by selecting the 3 to 6 additional units from any category in the G.E. Program.

## B. Physical Universe and Its Life Forms 12 units

This category contains the reasoning category (excluding logic) from Basic Subjects area, and all courses listed under the current program's Physical Universe and Its Life Forms.

- 12 units minimum required by Title 5;
- restriction to content areas of quantitative reasoning, physical, and life sciences required by Title 5;
- students must complete a course in quantitative reasoning, a course in the physical sciences, and a course in life sciences. A science lab experience is required. This distribution is required by Title 5.

The grouping of quantitative reasoning with the sciences will permit greater flexibility in the distribution of units among the three required areas. This preserves some of the benefits now provided for in the current program's elective section of Basic Subjects and the spillover units credited toward the Electives category. Both of these electives categories are eliminated by Title 5 unit requirements for specific categories. The options created among the three areas may also reduce some of the extra demand for life science courses which was of concern to the Fiscal Affairs Committee.

## C. Arts, Languages, Philosophy, Foreign Languages 12 units

This category contains six units from the current Arts and Humanities area and six units from the World Civilizations category. Foreign languages, which are part of the electives in Basic Subjects, are placed in this section of G.E.

- 12 units minimum required by Title 5;
- foreign languages are required by Title 5 to be counted in this category.

The Committee recommends retention of the current 6 units for Arts and Humanities and 6 units for World Civilizations. The World Civilizations sequence meets the description of courses acceptable under Title 5 for inclusion in this category. This has the advantage of preserving the integrity of what the Committee believes is one of the unique aspects of our G.E. Program.

## D. Social Sciences 12 units

This area includes the current Major Social Issues and Individual and Society categories, and creates a separate American Institutions category.

- 12 units minimum required by Title 5;
- code courses are permitted by Title 5;
- Social Science courses are required by Title 5 to be in this category.

The Committee recommends restricting the number of code courses which will count toward fulfilling G.E. Title 5 left this as a local campus option. The major reasons for the Committee's action were:

1. To redress an imbalance in the current program which, by counting 6 units of code courses, restricts most students to no more than 3 units of social science courses that fit the Individual and Society criteria.
2. The criteria and content for code courses are completely outside the purview of the General Education Program.
3. There is enough flexibility in the program to balance what some call a 51 unit G.E. Program.

E. Understanding Personal Development 3 units

This category contains the non spillover units now in the Electives category.

- 3 units required by Title 5.

The Committee recommends creation of this category to comply with Title 5. It includes all courses now listed in the Electives category. Revised criteria for this section will be considered by the Committee.

Waivers

One final note on waivers from the G.E. program. The Committee would hope that every degree would have sufficient room for general education. Where necessary and after sufficient documentation to the appropriate decision makers, it is recommended that as much of the G.E. Program be retained as is possible. For example, some majors may need to double count courses in Understanding Personal Development, or combine oral communication and critical thinking in one course, or obtain a specific waiver of life sciences. These minor modifications are preferred to establishing distinct and radically different G.E. programs for some majors.

## SPECIFIC AREA AND OBJECTIVE CERTIFICATION DESIGNATORS

Area A:	Communication in the English Language and Critical Thinking	
	Oral Communication	A1
	Written Communication	A2
	Critical Thinking	A3
Area B:	Physical Universe and Its Life Forms	
	Physical Universe	B1
	Life Forms	B2
	Laboratory Activity	B3
	Mathematical Concepts, Quantitative Reasoning and Applications	B4
Area C:	Arts, Literature, Philosophy and Foreign Language	
	Arts (art, dance, drama, music)	C1
	Literature	C2
	Philosophy	C3
	Foreign Language	C4
	Active Participation	C5
	Western Cultures	C6
	Non-Western Cultures	C7
Area D:	Social, Political and Economic Institutions	
	Social Institutions	D1
	Political Institutions	D2
	Economic Institutions	D3
	Contemporary Setting	D4
	Historical Setting	D5
	Western Context	D6
	Non-Western Context	D7
Area E:	Lifelong Understanding and Self-Development	
	Integrated Organism	E1
	Activity	E2