GENERAL EDUCATION COURSE PLANS
EFFECTIVE FOR THE 2002-2003 ACADEMIC YEAR
LONG BEACH CITY COLLEGE

☐ PLAN A - Use this general education pattern to complete general education requirements for an Associate Degree.
☐ PLAN B - Use this general education pattern to complete general education requirements for transfer to the California State University (CSU) system.
☐ PLAN C - Use this general education pattern to complete general education requirements for transfer to the University of California (UC) system or the CSU system. Please see a counselor to determine which plan is most appropriate.

IMPORTANT GENERAL INFORMATION

☐ CERTIFICATION: The process whereby Long Beach City College approves lower division general education coursework for CSU/UC transfer. Units earned and credited to the CSU and IGETC Plans will be certified by Long Beach City College if taken from a valid list.
☐ ALTERNATIVE GENERAL EDUCATION PLANS: Consult a counselor to determine the best general education pattern for you.
☐ CHANGES TO THE PLANS: The plans are updated and changed annually due to curriculum changes that may require to add or delete courses from the patterns. Please see a counselor for any questions or changes regarding this guide.
☐ CURRICULUM GUIDES: The LBCC (white) curriculum guides list the field of concentration (major) courses required for an Associate Degree and/or a Certificate. Please note that general education courses are not required for a Certificate. Transfer curriculum guides list the lower-division major courses which are transferable to the UC and CSU system and which can be completed at LBCC. Curriculum guides are available in the LBCC Counseling Centers or at the LBCC website http://students.lbcc.edu.

☐ ALL INFORMATION CONTAINED HEREIN IS SUBJECT TO CHANGE WITHOUT NOTICE.
GENERAL EDUCATION PLANS FOR LBCC & CSU/UC TRANSFER

- PLAN A -
Associate Degree General Education requirements for graduation from Long Beach City College. A minimum of 18 units is required in Plan A.

Unless otherwise indicated, a G.E. course may not be double counted for credit in more than one area.

ENGLISH COMPOSITION
One Class Required (3 Units Minimum)
English 1, 1H, 105, ESL 3A, 3AX

COMMUNICATION AND ANALYTICAL THINKING
One Class Required (3 Units Minimum)
Speech 10, 20, 25, 30, 60
Electronics 22S
English 3, 3H or Reading 82, 83, 84
Philosophy 11, 12
Statistics 1, 1H
Mathematics 15, 28, 36, 37, 37H, 40, 45, 47, 50, 60, 64,
70, 80, 85, 110, 112, 120, 130, 133, 220, 230

MATHEMATICS
No Class Requirement. See AA/AS graduation proficiency requirements for math requirement.

NATURAL SCIENCES
One Class Required (3 Units Minimum)
Physical Sciences:
Astronomy 1, 1L
Chemistry 1A, 1B, 2, 3A, 3B, 12A, 12B
Environmental Science 1
Geology 1, 1H, 2, 2F, 2L, 3, 3H, 4, 5, 7, 16, 17, 18
Physical Geography 1
Physics 2A, 2B, 3A, 3B, 3C, 10

Biological Sciences:
Anatomy 1, 1H, 20, 41
Biology 1A, 1B, 2, 5, 11, 15, 18, 20, 22, 25, 28, 30,
31, 37, 41 or 41H/41L, 60, 60L, 61, 62
Physiology 1

AMERICAN HISTORY
One Class Required (3 Units Minimum)
History 8A or 8AH AND 8B or 8BH, 10, 11, 25, 27A, 27B
(Not Required for AS Degree)

POLITICAL
One Class Required (3 Units Minimum)
Political Science 1, 1H, 3
(Not Required for AS Degree)

PHYSICAL EDUCATION ACTIVITY
3 Units Minimum
EITHER: Two P.E. activity classes and one of the following:
Health Education 2 or Biology 60 and 61 and Psychology 1 or Anatomy 41 and Rad Tech 60 and Psych 1 or
1 & 2 or
OR: Health Education 3, 4
(No P.E. courses required if Health Ed. 3, 4 is taken)
(Note: Meets Health Education requirement listed below)

- PLAN B -
CSU General Education Breadth Pattern for any of the California State Universities. Certification of the completion of the General Education requirements will be done at the time of transfer only. To be certified by LBCC at least 50% of the courses must be taken at LBCC. (To apply courses from other schools to this plan, you must see a counselor.)

FOR ADMISSION:
Students transferring with 56 or more units will be expected to have completed with a "C" grade or better, 30 units of General Education, including all of areas A1, A2, A3, B4.

Area A1 One Class Required
Speech 10, 20, 30, 60

Area A2 One Class Required
English 1, 1H

Area A3 One Class Required
English 3, 3H
Philosophy 11, 12
Science 60

Area A4

Area B1, 2, and 3
Three Classes Required (6 Units Minimum)

NOTE: ONE CLASS IN THIS SECTION MUST BE TAKEN WITH A LABORATORY. "+" DENOTES LABORATORY CLASSES (B3)

Area B1 One Class Required From Area B1
Astronomy 1, 1L
Chemistry 1A+, 1B+, 2+, 3A+, 3B+
Environmental Science 1

Geology 1+, 1H+, 2+, 2F, 2L+, 3, 3H+, 4+, 5, 7AD, 18

Physical Geography 1

Physics 2A+, 2B+, 3A+, 3B+, 3C+, 10+

Area B2 One Class Required From Area B2
Anatomy 1+, 1H+, 41+
Biology 1A+, 1B+, 2+, 5+, 11, 15, 20+, 20H+, 22, 25, 30+, 41H/41L+, 41H/41L+, 60, 60L+, 61

Physiology 1+

Area B3

FOR CSU Graduation Only
3 Units Minimum Required
History 8A AND 8B, 8AH AND 8BH, 10, 11

(For CSU Graduation Only)

Area C

One Class Required (3 Units Minimum)
Political Science 1, 1H

One Unit required if Health Education 2 option is chosen in Health Education requirement below.

When following Plan B, students must pick up an updated guide each year, from which course selections must be made. For certification purposes courses must be taken from a valid list in effect at the time when the course is/was taken.

- PLAN C -
University of California and California State University Intersegmental General Education Transfer Curriculum (IGETC) enables a student to fulfill the lower division general education requirements for either the CSU or UC institutions. A “C” grade minimum is required for each course.

ENGLISH COMPOSITION
Area A1 One Class Required for UC & CSU
English 1*, 1H*

Area B2 One Class Required for UC & CSU

Area C

Area D

Area E

Area F

Area G

Area H

Area J

Area K

Area L

Area M

Area N

Area O

Area P

Area Q

Area R

Area S

Area T

Area U

Area V

Area W

Area X

Area Y

Area Z

MATHEMATICS

No specific Physical Education requirement.

All IGETC requirements must be completed and certified prior to transfer. There are no exceptions provided by the CSU and UC for the IGETC. To initiate and complete the IGETC certification process students must meet with a counselor.
## Area A
### Three Classes Required (9 Units Minimum)

*NOTE: One class in Area C1 and one in C2 with a third course from either area.*

### Area A1:
- Art 1, 1H, 2H, 3H, 4H, 5H, 6, 7, 8, 9, 10, 11, 11H, 15, 23, 24, 26A-D, 30, 31, 34AD, 50, 50D, 50AD, 70AD, 71AD, 80
- Creative Arts 41
- Dance 1
- English 2, 26, 32, 33, 35, 36, 37, 38, 39, 41, 42, 43A, 43B, 44, 44H, 45, 45H, 46, 47, 48, 48H, 51A, 51B, 72AD, 79
- Chinese 1 (1A, 1B), 2
- French 1 (1A, 1B), 2 (2A, 2B), 3, 4, 8AD, 25A-D
- German 1 (1A, 1B), 2 (2A, 2B), 3, 4, 8H, 8AD, 25A-D
- Italian 1 (1A, 1B)
- Japanese 1 (1A, 1B), 2
- Spanish 1 (1A, 1B), 2 (2A, 2B), 3, 4, 8AD, 9, 10, 25A-D
- Humanities 1º, 1Hº, 2, 3º, 7º
- Music 6, 30A, 30B, 31, 33A-D, 35, 40, 40H
- Philosophy 3º, 6, 6H, 7, 14
- R/TV 1
- Speech 50
- Theater Arts 1, 25

### Area A2:
- English 2, 26, 32, 33, 35, 36, 37, 38, 39, 41, 42, 43A, 43B, 44, 44H, 45, 45H, 46, 47, 48, 48H, 79
- Chinese 1 (1A, 1B), 2
- Italian 1 (1A, 1B), 2
- French 1 (1A, 1B), 2 (2A, 2B), 3
- German 1 (1A, 1B), 2 (2A, 2B), 3, 4, 7º
- Humanities 1º, 3º, 7º (Same as Social Science 7)

### Area D
### Three Classes Required (9 Units Minimum)

*NOTE: Courses must be taken in at least two different disciplines.*

1. **D1** Anthropology 1, 2, 3, 10
2. **D2** Economics 1A, 1AH, 1B
4. **D4** Interdisciplinary Studies 10
5. **D5** Political Science 2, 8, 9, 10
6. **D6** Psychology 1, 2*, 3*, 4*, 5*, 10, 11, 14, 26, 33
7. **D7** Social Science 7º (Same as Social Science 7)
8. **D8** Political Science 2, 3, 10
9. **D9** Psychology 1, 2, 3, 10
10. **D10** Sociology 1, 2, 11, 12, 14

*Indicates cross-listed courses which may only be used to fulfill one Area

### Health Education (Plan A)

**OR:**

- **Health Education 2** or
- **Biology 60 and 61** and **Psychology 1 or**
- **Anatomy 41 and Radiology 60** and **Psych 1 or**
- **F & N 20**

(Note: Meets Physical Education requirement listed above)

For further information on Plan A, see LBCC catalog.

### Area E-Lifelong Understanding & Self-Development
### Three Classes Required

Select one course from:

- CD 47, F & N 20, HELD 3, 4, 10, Psychology 4, 10
- OR: Select one course from:
  - HE 2, PEA 2AD, PEPF 7AD, PEPF 41, AND 1 unit of P.E. Activity

For further information on Plan B, see LBCC catalog.

### Area F
### Three Courses Required (9 Units Minimum)

**NOTE:** Courses must be taken in at least two different disciplines.

1. **4A** Anthropology 1*, 2*, 3, 10
2. **4B** Economics 1A*, 1AH*, 1B
3. **4D** Geography 2, 40
4. **4G** Humanities 1**, 2**, 3**, 7 (same as Social Science 7)
5. **4H** Political Science 1*, 2*, 3, 4, 9, 10
6. **4J** Sociology 1, 2, 11

*Indicates UC limitations may exist consult a counselor
*Indicates cross-listed courses which may only be used to fulfill one Area

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**COURSES IDENTIFIED AS HONORS (H) also fulfill the same requirement as the course of the same number. Consult catalog for course prerequisites and transferability.**
### - PLAN A -
#### ASSOCIATE DEGREES (AA/AS)

**CONTINUOUS ENROLLMENT AND ATTENDANCE**
- Requires a “C” or better in each class.

**REQUIREMENTS FOR CERTIFICATION**

**PROFICIENCIES**
- For the field of concentration (LBCC Major), 50% of the requirements as defined by the appropriate curriculum guide must be completed at LBCC.
- And, in addition, one of the following:
  - A Minimum of 20 units within the last 30 units applied to the degree must be completed at LBCC, OR
  - B) at least 50% of the units required for a degree must be completed at LBCC.

**SCHOLARSHIP**
- Grade Point Average (G.P.A.)
  - For Graduation: Overall G.P.A. of 2.0 (“C” average) based on all grades from all colleges from which courses are applied to LBCC degree. Some fields may have additional G.P.A. requirements; check the appropriate curriculum guide.

**UNITS**
- For Graduation: Minimum of 60 AA/AS applicable units; some fields of concentration may require more units-consult appropriate curriculum guide.

**CERTIFICATION**
- Not applicable

**PROFICIENCIES**
- For Graduation: Mathematics: A qualifying score on the LBCC Assessment Test or successful completion of a math course at the level of MATH 100 or higher OR ELTC 225. An SAT I Math Score of 520 (500 for SAT Math exams taken prior to April 1995), or an ACT Math Score of 14 will also fulfill the requirement.
- Reading: Fulfill requirements of ENGLISH COMPOSITION section above.
- Writing: Fulfill requirements of ENGLISH COMPOSITION section above.
- Computer: Completion of any one of the following LBCC courses: ADJUS 17; ART 41, 42, 44, 45, 46, 47; CAOTC 31A-B, 34, 35, 39A-D, 40B, 41E-F, 42A, 43A-G, 44C-D, 45, 47A-B, 217A-D, 236D, 237AD, 238AD, 239AD, 246, 256AC, 265; CAOTT 21A-C, 22A-C, 200, 201, 202, 200A-C, 233, CBS 1, 4, 6, 8A, 9, 35A, 35B, 37, 40; COMIS 1A, CPAS 1B, 10, 43E, 41; ENGR 54, 58; ENGLISH 5AD, FD 245AD, JOURN 1A, 1B; MATH 15, 64; MUSIC 71AD, 93AD, 98AD, R-TV 3; TECHNOLOGY 52, 60 OR
- Approval of course from another accredited college; OR
- Completion of an appropriate articulated LBUSD course with a grade of “B” or better.

### - PLAN B -
#### CALIFORNIA STATE UNIVERSITY (CSUGE Breadth)

**CONTINUOUS ATTENDANCE**
- Is enrollment at an accredited college for at least one semester or two quarters in any one CALENDAR year (January to December) to insure catalog rights for the major.

**FOR ADMISSION**
- At least 50% of the courses on the general education guide for CSU must be completed at LBCC in order to qualify for Certification. You must see a counselor to non-LBCC courses on this plan. When a transcript is certified by LBCC, it is marked to indicate that the lower division general education requirements for CSU have been met. Completion of the full 39 unit pattern is recommended. With permission of the CSU, students may transfer to a CSU and return to LBCC to complete classes for certification.

**FOR ADMISSION**
- For Admission: Generally, 2.0 overall G.P.A. in CSU transferable units. (LBCC courses numbered 1-99 are CSU transferable). Some majors may require a higher G.P.A. (See application and major requirements for more information).

**FOR ADMISSION**
- For Admission: The CSU recommends completion of 60 units of junior standing; however, students may generally transfer with a minimum of 56 transferable units. LBCC courses numbered 1-99 will transfer to all CSU’s. (See CSU application for information on transfer with fewer than 56 transferable units).

**FOR ADMISSION**
- There are no proficiency requirements by the California State Universities.

**FOREIGN LANGUAGE PROFICIENCY**
- These students using the IGETC for transfer to one of the nine campuses of the University of California must show proficiency in a foreign language.
  - This requirement may be met by:
    - Completion of two years of foreign language in high school with a grade of “C” or better, OR
    - Performance on foreign language proficiency tests administered at a campus of the UC, OR
    - Earning a score of 550 on an appropriate College Board Achievement Test, OR
    - Completion of a second or more advanced level of foreign language course offered at LBCC:
      - Chinese 2
      - French 2 OR 2A and B†
      - German 2 OR 2A and B†
      - Japanese 2
      - Spanish 2 OR 2A and B†

* †Both courses must be completed to receive IGETC credit.

### - PLAN C -
#### INTERSEGMENTAL GENERAL EDUCATION CURRICULUM (IGETC)

**CONTINUOUS ENROLLMENT AND ATTENDANCE**
- Required to insure catalog rights for the major.

**FOR ADMISSION**
- To use the IGETC, all courses must be completed at an accredited community college or university, not necessarily LBCC, prior to transfer. This means that courses may be transferred from one community college or university to another and used for transfer, provided 50% or more of the work is from a California community college (Pass Along allowed). Students who begin their college work at any UC may NOT use the IGETC for transfer back to the same UC. All course work must be completed and certified prior to transfer.

**FOR ADMISSION**
- For Admission: Generally for UC, 2.4 G.P.A. in transferable units (UC transferable courses noted in LBCC catalog and schedule of classes). Some majors require a higher G.P.A. (See application and major requirements for more information) For CSU, see Plan B.

**FOR ADMISSION**
- For Admission: The CSU system recommends completion of 60 units for junior standing. Generally, a minimum of 56 transferable units is required for those students not eligible for admission to CSU from high school. The UC requires 60+ transferable units for admission.

**FOR ADMISSION**
- A maximum of 70 transferable semester units earned at a California community college will be accepted by the UC or CSU toward a degree awarded by either system.

**SOME COURSES DO NOT APPLY TOWARD THE 60 UNIT MINIMUM.**
- Note: Courses in the 600-800 band are not applicable to the Associate Degree. Examples of this include: English 801A-B, 895AB, Math 805.

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