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# DEGREE AND TRANSFER PROGRAMS

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Barstow College offers the following degrees:

- Associate of Arts – Humanities
- Associate of Arts – Social Science
- Associate of Science – Natural Science/Math
- Associate of Science in a variety of occupational majors

## CATALOG RIGHTS

Degree requirements may change from one catalog to the next. Students have the right to graduate under the terms of any of the catalogs that are published while in continuous enrollment, prior to eligibility for graduation.

Continuous enrollment is defined as attendance in at least one semester within an academic year. A student who has a break in attendance must use the catalog that is in effect at the time of readmission or a subsequent catalog for the period of continuing enrollment. If a student's major includes course work that has been discontinued, a counselor may authorize substitutions of courses.

## DEGREE REQUIREMENTS

The following requirements apply to all the degree options offered by Barstow College:

- **Unit Requirements:** A minimum of 60 semester units; however, a maximum of 9 units of Cooperative Education may be counted toward the major.
- **Minimum GPA Requirement:** A minimum GPA of not less than 2.0 in work completed at Barstow College. In addition, the cumulative GPA in **all** work attempted must not be less than 2.0.
- **Residence Requirement:** Completion of a minimum of 12 semester units at Barstow College. This requirement may be waived under the provisions of the Servicemembers Opportunity College or by petition.

- **Course Limitations:** Students should be aware that MATH 101, COMM 102 and ENGL 101 and 102 are NOT degree applicable.

## PETITIONING FOR GRADUATION

Degrees are granted three times a year – at the end of the fall, spring and summer terms. Petitions for degrees should be filed with the Barstow College Office of Student Services early in the semester in which the requirements will be completed so students can be notified of evaluation results. The deadline for petitioning for graduation is posted in the Schedule of Classes and in the Office of Student Services.

## COMMENCEMENT

Commencement exercises are held only once a year at the end of the spring semester. A student may participate in commencement exercises when all degree requirements have been met upon completion of his/her final semester of enrollment in required courses. Exceptions will be considered upon written petition to the Vice President of Student Services.

## MULTIPLE DEGREES

Students are limited to one Associate of Arts (AA) degree. However, more than one Associate of Science (AS) degree may be earned by meeting the following conditions:

- Completion of an additional 20 units in a major different from the first AS degree.
- Completion of a minimum of 80 total units for the second degree, 100 units for the third degree, etc.
- Courses used to fulfill major requirements for the first degree may not be used to fulfill major requirements for a subsequent degree.
- General education requirements must be met which are in effect at the time course work for the subsequent major began.

# GENERAL EDUCATION DEGREE REQUIREMENTS

This degree option is designed for students who do not necessarily plan to transfer to a UC or CSU campus. Under this plan, a student may earn an Associate of Arts degree in Humanities or Social Science or an Associate of Science in Natural Science/Math. Students transferring to four-year colleges should use the CSU, IGETC or other appropriate transfer form. Please see a counselor for assistance in selecting appropriate courses.

In addition to completing the requirements listed on page 36 and a minimum of 18 units in one of the above majors, students must complete the following course work:

Natural Sciences		6 units
Biological: Complete one course	BIOL 1-8, 10-11; OCEA 1	
Physical: Complete one course	ASTR 1; CHEM 1, 2A, 2B; GEOG 1; GEOL 1-5; OCEA 1; PHSC 1, 2; PHYS 1, 2AB, 4AB	
Social Sciences		12 units
Complete two courses in two different areas	ANTH 1, 3-4; ARCH 1, 5, 10; BADM 5; ECON 1-2, 5; ETHN 1-2; GEOG 2; HIST 1AB, 2AB, 3-6, 50; POLI 2; PSYC 1-6, 11, 13-15, 33, 60, 62-65; SOCI 1-4, 6, 8, 14-15, 60, 62-65	
Humanities		6 units
Complete two courses in two different areas	ARTS 1-3, 7, 10, 16-17; ENGL 1B, 2-4, 6, 8; HIST 1A, 1B; HUMA 1-5; MUSI 2, 3, 7, 8, 12; PHIL 1-8; PHOT 1AB, 2AB; RLGS 1, 5, 10; SPAN 1B, 2A, 2B, 10; TART 1A, 1B, 5	
American Institutions & Ideals		3 units
POLI 1		
Communication		3 units
SPEECH 1, 2, 3, 4		

English		3 units
ENGL 1A or 50		
Lifelong Learning		3 units
Complete one course	BIOL 11/PSYC 11; HEAL 1; PSYC 3, 14; SOCI 4, 5, 14	
Mathematics		3-4 units
Complete one course	DRAF/ELEC 60; MATH 50, 55, 104, 1-3, 4ABC, 5	
Orientation		3 units
ORIE 1 or PSYC 5		
Physical Education		2 units
Complete any two activity courses (does not include lecture courses)		
Reading		0-3 units
COMM 102 or achieve appropriate placement test score		
U.S. History		3 units
HIST 2A or 2B		

**See page 36 for additional requirements that must be met for all Barstow College degree options.**

# OCCUPATIONAL DEGREE REQUIREMENTS

This degree option is designed for the non-transfer, occupational major only. Under this plan a student may earn an Associate of Science degree in one of the following majors:

Accounting, Administration of Justice, Allied Health, Automotive Technology, Business, Business Management, Child Development, Computer Science, Cosmetology, Electronics Technology, Management, Medical Assistant, Photography and Welding.

In addition to completing the requirements listed on page 36 and a minimum of 20 units in an occupational major, students must complete the following coursework:

Note: A maximum of 9 units in work experience may be applied toward an occupational major.

Natural Sciences		3 units
Complete one course	ASTR 1; BIOL 1-8, 10, 11; CHEM 1, 2A, 2B; GEOG 1; GEOL 1-5; OCEA 1; PHSC 1, 2; PHYS 1, 2A, 2B, 4A, 4B	
Social and Behavioral Sciences		3 units
Complete one course	ADJU 1, 8; ANTH 1, 3, 4; ARCH 1, 5, 10; BADM 1, 2, 5; ECON 1, 2, 5; ETHN 1, 2; GEOG 2; HIST 1A, 1B, 2A, 2B, 3-6, 50; POLI 1, 2; PSYC 1-6, 11, 13-15, 33, 60, 62-65; SOCI 1-4, 6, 8, 14-15, 60, 62-65	
Humanities		3 units
Complete one course	ARTS 1-3, 7, 10, 16, 17; ENGL 1B, 2-4, 6; HIST 1A, 1B; HUMA 1-5; MUSI 2, 3, 7, 12; PHIL 1-8; PHOT 1A, 1B, 2A, 2B; RLGS 1, 5, 10; SPAN 1B, 2A, 2B, 10; TART 1A, 1B, 5	
Activity		(min. 2 units)
Complete one area	<ol style="list-style-type: none"> <li>Any two PE activity courses</li> <li>One PE activity course AND AHLT 51 AND AHLT 63 or AHLT 65</li> <li>One PE activity course AND valid/current American Heart Association CPR card AND American Red Cross First Aid Card</li> </ol>	
American Institutions		3 units
Complete one course	POLI 1, HIST 2A, HIST 2B	

Communication (requires C grade)		3 units
Complete one course	SPEECH 1, 2, 3, 4	
Computer Literacy		0-1 unit
Complete one requirement	<ol style="list-style-type: none"> <li>Any one or more unit course in COMP or computer-oriented BUSI</li> <li>Equivalency credit through ACE, PONSI or other national certification program(s);</li> <li>Credit by examination</li> <li>Demonstrated ability equivalent to any COMP or computer-oriented BUSI course</li> </ol>	
English (requires C grade)		3 units
Complete one course	ENGL 1A or 50	
Mathematics (requires C grade)		3-4 units
Complete one course	DRAF/ELEC 60; MATH 50, 55, 104, 1-3, 4ABC, 5	
Orientation		0-3 units
Complete one course	ORIE 1 or PSYC 5 (Waiverable with official transcript transferring 15+ semester units)	
Reading		0-3 units
Complete one course	COMM 102 or recommended placement test score	

**See page 36 for additional requirements that must be met for all Barstow College degree options.**

# CALIFORNIA STATE UNIVERSITY (CSU) GENERAL EDUCATION REQUIREMENTS ONLY

Students that are ineligible from high school must have a minimum of 56 transferable semester units to transfer to CSU, including general education requirements. Students choosing to transfer are strongly encouraged to see a counselor since four-year college requirements vary widely and are subject to change.

This list of courses is designed to satisfy the CSU breadth requirements at most of the California State University campuses. Students who meet the minimum requirements in all areas will receive a General Education Certification from Barstow College indicating that they have met all CSU lower division requirements.

## Area A Communication in the English Language and Critical Thinking

(A minimum of one course in A1, A2 and A3; 9 units)  
Note: CSU San Bernardino and certain others require an upper division writing course under area 1.

- ❶ Oral Communication: Speech 1 or 3
- ❷ Written Communication: English 1A
- ❸ Critical Thinking: English 1C or Philosophy 3

## Area B Physical Universe and Its Life Forms

(A minimum of one course in each group with one being a lab course (\*); 10+ units)

- ❶ Physical Universe: Astronomy 1; Chemistry 1\*, 2A\*, 2B\*; Geography 1\*; Geology 1L\*, 2, 3\*, 4, 5; Physics 1\*, 2A\*, 2B\*, 4A\*, 4B\*; Oceanography 1; Physical Science 1\*, 2
- ❷ Life Forms: Biology 1, 2\*, 3\*, 4\*, 5\*, 6\*, 7\*, 8\*; Oceanography 1
- ❸ Mathematical Concepts, Quantitative Reasoning and Applications: Math 1, 2, 3, 4A, 4B, 4C

## Area C Arts, Literature, Philosophy and Foreign Language

(At least one course in C1 and one course each in any two areas in Groups C2-C7; 9 units)

- ❶ Arts: Art 1, 2; TART 1A, 1B, 5; Music 2, 3; Humanities 4
- ❷ Literature: English 1B, 2, 3, 4, 6; Spanish 10
- ❸ Philosophy: Philosophy 1, 2, 3, 4, 5, 6; Religious Studies 1, 10
- ❹ Foreign Language: Spanish 1A and 1B, 2A and 2B
- ❺ Active Participation: Photography 1A, 1B, 2A, 2B; Art 3, 7, 10, 16, 17; Theatre Arts 1A, 1B, 5; Music 7, 8, 11, 12A, 12B, 12C, 14, 15
- ❻ Western Cultures: History 1A, 1B; Humanities 1, 2, 3, 5
- ❼ Non-Western Cultures: Humanities 1, 5

## Area D Social, Political and Economic Institutions and Behavior; Historical Background

(Complete History 2A or 2B and Political Science 1, as well as two courses from any other two areas; 12 units)

- ❶ Social Institutions: Anthropology 1, 4; Archeology 1, 5, 10; Geography 2; Psychology 1, 2, 4, 5; Sociology 1, 2, 3, 6
- ❷ Political Institutions: Political Science 1, 2
- ❸ Economic Institutions: Economics 1, 2; Business 5
- ❹ Contemporary Setting: Ethnic Studies 1; History 4; Sociology 2, 3, 6
- ❺ Historical Setting: History 2A, 2B, 3, 5
- ❻ Western Context: History 1A, 1B; Archaeology 5, 10
- ❼ Non-Western Context: Anthropology 1, 3; Archaeology 1

## Area E Lifelong Understanding And Development

(A minimum of one course in E1 and E2; 4 units)

- ❶ Integrated Organism: Biology/Psychology 11; Health 1; Psychology 3, 5, 14; Sociology 4, 5, 14
- ❷ Any Physical Education activity course including Intercollegiate Athletics.

## Barstow College requirements to earn an AA in Humanities or Social Science or an AS in Natural Science/Math (complete each area; 21+ units)

- ❶ 18 or more units in one of the above disciplines
- ❷ Orientation: Orientation 1 or Psychology 5
- ❸ Reading: Communication 102 or assessment test score

**See page 36 for additional requirements that must be met for all Barstow College degree options.**

# INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC) REQUIREMENTS FOR STUDENTS TRANSFERRING TO CSU OR UC

Completion of all requirements in the Intersegmental General Education Transfer Curriculum (IGETC) plus additional transferable course work to total 56 semester units will permit a student to transfer from a community college to a campus in either the California State University or University of California system without the need, after transfer, to take additional lower-division, general education courses to satisfy UC or CSU general education requirements. If you choose not to follow the IGETC or you do not complete it before you transfer, you will need to complete campus-specific general education/breadth requirements after you transfer. IGETC is most helpful to students who know they want to transfer but have not yet decided on a particular institution, campus or major. The IGETC is not ideal for certain majors that require extensive major preparation, particularly those in sciences and mathematics. Students choosing to transfer are strongly encouraged to see a counselor since four-year college requirements vary widely and are subject to change. The course requirements for Areas 1 through 5 must be completed before the IGETC can be certified. All courses must be completed with grades of C or better. Although courses may be listed in more than one area, they may be used to satisfy the requirement in only one area. UC certification requires that Areas 1 through 5 and the foreign language requirements must be completed. The last community college the student attends before they transfer to UC or CSU is responsible for certifying the completion of the student's IGETC course work. Partial IGETC certification is available.

## Area 1 English Communication

CSU: 3 courses required – 1 from each group; 9 units  
UC: 2 courses required – 1 each from Groups A and B; 6 units

- A English Composition: English 1A
- B Critical Thinking – English Composition: English 1C
- C Oral Communication (CSU requirement only) Speech 1

## Area 2 Mathematical Concepts and Quantitative Reasoning

(1 course required; 4 units)

Math 3, 4A, 4B, 4C

## Area 3 Arts and Humanities

(At least 3 courses, 1 each in Groups A & B; 9 units)

- A Art 1, 2; Music 2, 3
- B English 1B, 2-4, History 1A, 1B; Humanities 1-5; Philosophy 1, 2, 4, 5, 6; Religious Science 1, 10; Spanish 10
- C Elective: Any course from either of the above areas

## Area 4 Social and Behavioral Sciences

(At least 1 course from three different disciplines; 9 units)

Anthropology 1, 3; Archeology 1; Economics 1, 2; Geography 2; History 1A, 1B, 2A, or 2B; Ethnic Studies 1, 2; Political Science 2; Psychology 1, 2, 4; Sociology 1, 2

## Area 5 Physical and Biological Sciences

(1 course from area 1 and 2; 7-9 semester units)

- A Physical Sciences: Astronomy 1; Chemistry 1(L), 2A(L), 2B(L); Geography 1(L); Geology 1(L), 2, 3(L), 4, 5(L); Physics 2A(L), 2B(L), 4A(L), 4B(L); Oceanography 1; Physical Science 1(L), 2
- B Biological Sciences: Biology 2(L), 3(L), 4(L), 5(L), 6(L), 7(L), 8(L)

## Language Other Than English (UC Requirement Only)

Complete 2 years of the same foreign language or high school level work with a grade of "C" or better, or earn a score of 3 or higher on the foreign language Advanced Placement test, or 550 on the College Board Achievement Test in Foreign Language or complete 1 of the following courses: Spanish 1B, 2A, 2B

## CSU Graduation Requirement in U.S. History, Constitution and American Ideals

(1 course from each group. Not part of IGETC and may be completed prior to transfer. Courses used to meet this requirement cannot be used to satisfy IGETC requirements; 6 units)

- A Political Science 1
- B History 2A or 2B

## Barstow College Requirements to earn an AA in Humanities or Social Science or an AS in Natural Science/Math (complete each area; 25+ units)

- A 18 or more units in one of the above disciplines
- B Orientation: Orientation 1 or Psychology 5
- C Reading: Communication 102 or assessment test score
- D Integrated Organism: Biology or Psychology 11; Health 1; Psychology 3, 14; Sociology 4, 5, 14
- E Activity: Any PE activity course including Intercollegiate Athletics

**See page 36 for additional requirements that must be met for all Barstow College degree options.**