

# Liberal Arts and Sciences

The Liberal Arts and Sciences degree is designed for students who wish to have a broad knowledge of arts and sciences, while building a foundation within an “area of emphasis.” This degree can be a good option for students who may need to explore possibilities before committing themselves to a major prior to transferring to a four-year university or for students who may not be planning to transfer but wish to earn a degree in a particular area of study that interests them.

Students planning to transfer to a four-year university are cautioned that this degree may not meet all of the requirements for transfer into a particular major. However, through careful educational planning with an SBCC academic counselor, this degree would offer a solid foundation in the transfer process. Because admission and major preparation requirements vary at each transfer institution, students should select their General Education option and their coursework for the Associate degree in consultation with an SBCC academic counselor to ensure appropriate academic planning. For detailed information on transfer requirements to the University of California and California State University systems, students should meet with a counselor and refer to [www.assist.org](http://www.assist.org).

## Department Offices

*Division:* Educational Programs Support Division  
Keith McLellan, *Dean* (SS-260, ext. 2202)

## Advisers/Counselors

Counseling Center Counselors (SS-120, ext. 2285)

## Degrees

Associate in Arts Degree: Liberal Arts and Sciences:  
Arts and Humanities Emphasis

Associate in Arts Degree: Liberal Arts and Sciences:  
Science and Mathematics Emphasis

Associate in Arts Degree: Liberal Arts and Sciences:  
Social and Behavioral Sciences Emphasis

Associate in Arts Degree in Liberal Arts: Emphasis in  
Biomedical Sciences (see Biological Sciences)

## A.A. Degree: Liberal Arts and Sciences

The Associate Degree will be awarded upon completion of department and Associate Degree graduation requirements.

## Arts and Humanities Emphasis

By completing the Liberal Arts and Sciences – Emphasis in Arts and Humanities degree, students will be exposed to an interdisciplinary pattern of coursework essential to the understanding of the contemporary world, its people and its cultures. Students will survey, analyze and interpret key philosophical, historical, literary, aesthetic and cultural works produced over the course of human history to better understand social and historical life, as well as human existence, human meaning and human creativity. Students will also practice forms of creative, intellectual and cultural expression. Common majors within the Arts and Humanities Emphasis include, but are not limited to, the following: English, Ethnic Studies, Film Studies, Fine Arts, Foreign Languages, History, Humanities, Music, Philosophy and Theatre Arts.

## Department Requirements

Students must complete 18 units from the following courses with a “C” or better in each course. Pass/No Pass grading is not permitted in a course within a student’s major area of study. Students are strongly advised to meet with a counselor to ensure appropriate course selection for their educational goal.

American Sign Language 101, 102, 103, 104, 125

Arabic 101, 102

Art 101, 102A, 102B, 103, 104 or 104H, 106, 107, 108, 109, 110, 111, 112, 114, 120, 130, 132, 210, 211, 213A, 213B, 215, 216, 217

Black Studies 111, 113

Chicano Studies 113, 114, 115, 130, 131, 160

Chinese 101, 102, 103

Early Childhood Education 115

English 221 or 221GB, 222 or 222GB, 225 or 225GB, 226 or 226H, 231 or 231GB, 232 or 232GB, 236 or 236GB, 237 or 237GB, 240, 241, 242, 251, 261, 262 or 262GB

Environmental Studies 112

Ethnic Studies 101 or 101H, 117, 121, 122

Film Studies 101 or 101H, 104, 107, 110, 111, 113, 115, 116, 117, 118, 119, 120, 121

French 101, 102, 103, 104, 132, 142

German 101, 102, 103, 104

Hebrew 101, 102

History 100, 101, 102 or 102H, 103, 104 or 113H, 107, 108, 109, 110, 111, 112, 114 or 114H, 115, 120, 121, 122, 127, 130, 131, 132, 133, 134, 135, 137, 138, 151, 152

Italian 101, 102, 103 (or 103AB and/or 103CD), 104 (or 104AB and/or 104CD)

Japanese 101, 102, 103

Korean 101, 102

Latin 101, 102

Music 102A, 104A, 110 or 110H, 112, 114A, 114B, 115, 118, 120A, 140A, 146, 150, 152, 154, 160, 162, 165, 166, 167, 170, 174, 176, 177, 178

Native American Studies 105, 112, 113

Philosophy 100, 101 or 101H, 102 or 102H, 200, 201, 203, 204

Physical Education 150ABC, 151ABC, 152ABC, 153, 250

Physics 104

Political Science 132

Psychology 135

Spanish 101 (or 101AB and/or 101CD), 102 (or 102AB and/or 102CD), 103, 104, 132, 135, 136, 138, 139, 146, 147, 150, 160, 200

Theatre Arts 103 or 103GB, 107, 108, 111, 120, 121, 134, 136, 141, 151, 160, 175, 215

### Science and Mathematics Emphasis

By completing the Liberal Arts and Sciences – Emphasis in Science and Mathematics degree, students will be exposed to wide range of coursework to achieve a foundational understanding of mathematics and the natural sciences. Students will survey, analyze and interpret concepts, theories and methodologies as they relate to the natural sciences and mathematics and how this knowledge has shaped the course of human development over the ages. Additionally, students will develop critical thinking skills, mathematical and quantitative reasoning skills

and research methodology. Common university majors within the Science and Mathematics Emphasis include, but are not limited to, the following: Astronomy, Astrophysics, Biochemistry, Biology, Chemical Physics, Chemistry, Earth Sciences, Environmental Studies, Geography (Physical), Geological Sciences, Mathematics, Physics.

### Department Requirements

Students must complete 18 units from the following courses with a “C” or better in each course and must take at least one course in science and at least one course in mathematics. Pass/No Pass grading is not permitted in a course within a student’s major area of study. Students are strongly advised to meet with a counselor to ensure appropriate course selection for their educational goal.

### Science

Anthropology 101

Biology 100, 101, 102, 103, 104, 104+105, 106, 110 or 110H, 110+111, 112, 112+141, 120, 122, 122+123, 124, 125, 126, 140, 140+141, 142, 144, 150, 172

Bio-Medical Sciences 100, 107, 108, 109, 117, 118, 127, 136, 146

Botany 100, 121, 122, 123, 129

Chemistry 101, 104, 155, 156, 211, 211+221, 212, 212+222

Computer Science 143

Earth Sciences 101 or 101H, 101+102 or 101H+102, 106, 111 or 111H, 111+111L or 111H+111L, 112, 112+112L, 113, 113+111L, 113+112L, 114, 114+111L, 114+112L, 115, 115+115L, 116, 122, 125, 126, 141, 141+141L, 151, 151+151L, 152

Environmental Studies 110, 110+111, 115, 115+115L, 116

Geography 101, 101+101L

Physical Science 103

Physics 101 or 101H, 101+101L, 102, 105, 106, 110, 111, 121, 122, 123

Psychology 110, 150

Zoology 110, 122, 122+123, 124, 137, 140

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## Mathematics

Mathematics 117 or 117H, 120, 130, 131, 137, 138, 150, 160, 200, 210, 220

## Social and Behavioral Sciences Emphasis

By completing the Liberal Arts and Sciences – Emphasis in Social and Behavioral Sciences degree, students will be exposed to wide range of coursework to achieve an understanding of human behavior and human interaction in the social and physical environment. Students will survey, analyze and interpret concepts, theories and methodologies to cultivate an understanding of human beings and the societies and cultures they create. Common majors within the Social and Behavioral Sciences Emphasis include, but are not limited to, the following: Anthropology, Criminal Justice, Economics, Ethnic Studies, Geography (Cultural), Global Studies, History, International Relations, Political Science, Psychology, Social Science and Sociology.

## Department Requirements

Students must complete 18 units from the following courses with a “C” or better in each course. Pass/No Pass grading is not permitted in a course within a student’s major area of study. Students are strongly advised to meet with a counselor to ensure appropriate course selection for their educational goal.

Administration of Justice 101, 102, 107, 125, 255, 260

Anthropology 102, 103, 104, 109, 113, 121, 122, 123, 124, 125, 126

Asian-American Studies 101, 102

Black Studies 101, 102, 103

Chicano Studies 101, 102, 103, 121

Communication 101, 151, 171, 288, 289

Early Childhood Education 102, 120

Earth Sciences 142

Economics 101, 102, 106, 108

Engineering 100

Environmental Studies 112

Ethnic Studies 101 or 101H, 107, 109, 110, 121, 122

Geography 102, 105, 106

Global Studies 101, 102

History 100, 101, 102 or 102H, 103, 104 or 113H, 107, 108, 109, 110, 111, 112, 114 or 114H, 115, 116, 117, 120, 121, 122, 127, 130, 131, 132, 133, 134, 135, 137, 138, 140, 150, 151, 152

Native American Studies 101, 102, 103, 104, 105

Political Science 101, 104, 106H, 107, 110, 121, 122, 123, 124, 126, 130, 131, 132, 134H, 136, 151 or 151H

Psychology 100 or 100H, 106, 115, 120, 125, 135, 140, 145, 170, 175, 200

Sociology 101 or 101H, 103, 104, 106, 109, 113, 115, 118

Spanish 135, 136, 138, 139

## Associate Degree Graduation Requirements

(1) Complete all department requirements with a “C” or better in each course. Candidates for an Associate Degree are also required to complete at least 20% of the department requirements through SBCC. Pass/No Pass grading is not permitted in those courses needed to fulfill department requirements; (2) Complete at least 18 units of General Education Requirements (Areas A-D of the SBCC General Education pattern) *OR* complete the IGETC pattern (34-40 units) *OR* complete the CSU GE Breadth pattern (39 units); (3) Complete the SBCC Institutional Requirements (Area E); (4) Complete the Information Competency Requirement (Area F); (5) Complete a total of 60 degree-applicable units (SBCC courses numbered 100 and higher); (6) Maintain a cumulative GPA of 2.0 or better in all units attempted at SBCC; (7) Maintain a cumulative GPA of 2.0 or better in all college units attempted; and (8) Candidates for an Associate Degree are required to complete 15 units through SBCC.