

**Board of Trustees Meeting
Board Attachment
January 24, 2017**

Approved by DCCC 12/09/2016

NEW COURSES

COURSE ID	PROPOSAL TYPES	CLASS SIZE	CLASS SIZE JUSTIFICATION	EFF DATE	JUSTIFICATION
ART 277 F Studio Concepts: Jewelry Fabrication	Units: 3 Lecture: 2 Laboratory: 4 Prerequisite: ART 276 F CSU Transfer Course	25	Students are involved in the use of hand tools, power tools, use of metal (molten or sheet stock) advanced mold casting and metal forming. Faculty provide individualized instruction and supervise to ensure the safe use of tools, torches, air tools, grinder, saws, drills, polisher, power rolling mill and metal shear.	2017 Fall	The Fine Arts Division has decided that skill-building through advancement of certain courses is essential for student success. This course is being created as one in the series of graduated level courses that further the skill development and portfolio development of Art Majors.

REVISED COURSES

COURSE ID	PROPOSAL TYPES	CLASS SIZE	CLASS SIZE JUSTIFICATION	EFF DATE	JUSTIFICATION
PE 202 F Intercollegiate Baseball Units: 3 Lecture: 0 Laboratory: 10	<ul style="list-style-type: none"> • Catalog Description Update • Course Content (that do not change the overall scope of the course) • Method of Evaluation • Method of Instruction • Objectives Revision • Schedule Description Update • Six-Year Review • Student Learning Outcomes • Textbooks • Title Revision • Unit Revision (2 to 3) 	40	Labs in which the instructor supervises students as they proceed in their work and answers questions, but does NOT provide extensive individualized feedback/evaluation on a regular basis.	2017 Fall	Six-Year Review, SLO's, Units changed from 2 to 3 because of the many advanced theories and applications of baseball Learning the various rules and applications of baseball in regards to compliance with game rules, advanced theories involved with the collegiate level of play, involvement of extended practice sessions, strength development, and the ability to perform at an extremely competitive level. Fits state formula for hours to units. Title revised from 'Baseball' to 'Intercollegiate Baseball.

REVISED PROGRAMS

DEGREE	PROPOSAL TYPES	EFF DATE	JUSTIFICATION								
Geology	<p><u>Geology Associate in Science Degree</u></p> <p>The Geology Associate in Science Degree is designed to introduce the student to the field of geology. Students who complete the degree will be prepared for future study in geology or related fields. This degree requires a total of 18-20 units of which 8 units are in required courses. An additional 10-12 units must be chosen from the list of restricted electives.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Required Courses (8 units)</td> <td style="width: 40%; text-align: right;">Units</td> </tr> <tr> <td>ESC 100 F Physical Geology</td> <td style="text-align: right;">3</td> </tr> <tr> <td>ESC 100LF Physical Geology Lab</td> <td style="text-align: right;">1</td> </tr> <tr> <td>ESC 103 F Historical Geology</td> <td style="text-align: right;">4</td> </tr> </table>	Required Courses (8 units)	Units	ESC 100 F Physical Geology	3	ESC 100LF Physical Geology Lab	1	ESC 103 F Historical Geology	4	2017 Fall	Fast-track proposal to reflect course number change in MATH (FY 2017): MATH 150AF --> MATH 151 F and MATH 150BF --> MATH 152 F. Update restricted electives with new course numbers.
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	<table border="0"> <tr> <td>Restricted Electives (10-12 units)</td> <td align="right">Units</td> </tr> <tr> <td>BIOL 170 F Organismal Biology</td> <td align="right">5</td> </tr> <tr> <td>CHEM 111AF General Chemistry I</td> <td align="right">5</td> </tr> <tr> <td>CHEM 111BF General Chemistry II</td> <td align="right">5</td> </tr> <tr> <td>ENGR 101AF Surveying I</td> <td align="right">4</td> </tr> <tr> <td>ESC 104 F Geology of National Parks and Monuments</td> <td align="right">3</td> </tr> <tr> <td>ESC 105 F Introduction to Weather and Climate</td> <td align="right">3</td> </tr> <tr> <td>ESC 106 F Geology of the Orange County Area</td> <td align="right">2</td> </tr> <tr> <td>ESC 120 F Geology of California</td> <td align="right">3</td> </tr> <tr> <td>ESC 130 F Introduction to Oceanography</td> <td align="right">3</td> </tr> <tr> <td>ESC 130HF Honors Introduction to Oceanography</td> <td align="right">3</td> </tr> <tr> <td>ESC 190 F Environmental Geology</td> <td align="right">3</td> </tr> <tr> <td>MATH 151 F Calculus I</td> <td align="right">4</td> </tr> <tr> <td>MATH 152 F Calculus II</td> <td align="right">4</td> </tr> <tr> <td>PHYS 205 F Physics for the Life Sciences I</td> <td align="right">4</td> </tr> <tr> <td>PHYS 206 F Physics for the Life Sciences II</td> <td align="right">4</td> </tr> <tr> <td>PHYS 221 F General Physics I</td> <td align="right">4</td> </tr> <tr> <td>PHYS 222 F General Physics II</td> <td align="right">4</td> </tr> <tr> <td>PHYS 223 F General Physics III</td> <td align="right">4</td> </tr> <tr> <td>Total Units</td> <td align="right">18 - 20</td> </tr> </table>	Restricted Electives (10-12 units)	Units	BIOL 170 F Organismal Biology	5	CHEM 111AF General Chemistry I	5	CHEM 111BF General Chemistry II	5	ENGR 101AF Surveying I	4	ESC 104 F Geology of National Parks and Monuments	3	ESC 105 F Introduction to Weather and Climate	3	ESC 106 F Geology of the Orange County Area	2	ESC 120 F Geology of California	3	ESC 130 F Introduction to Oceanography	3	ESC 130HF Honors Introduction to Oceanography	3	ESC 190 F Environmental Geology	3	MATH 151 F Calculus I	4	MATH 152 F Calculus II	4	PHYS 205 F Physics for the Life Sciences I	4	PHYS 206 F Physics for the Life Sciences II	4	PHYS 221 F General Physics I	4	PHYS 222 F General Physics II	4	PHYS 223 F General Physics III	4	Total Units	18 - 20				
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Geology	<p><u>Geology Associate in Science Degree for Transfer</u> The Associate in Science in Geology for Transfer (AS-T) Degree, also called the Geology AS-T Degree, prepares students to transfer to CSU campuses that offer bachelor's degrees in geology. Ed Code Section 66746-66749 states that students earning the Geology AS-T Degree will be granted priority for admission as a Geology major to a local CSU, as determined by the CSU campus to which the student applies. This degree requires students to complete 60 CSU transferable units including completion of CSU GE or IGETC and 26 units in the major with a cumulative GPA of 2.0 or better. Title 5 requires that students earn a grade of C or better in all major coursework. There are no additional graduation requirements. Students with a degree in geology may pursue careers in a variety of industries such as education, environmental technology, mineral (fossil fuels, metals) discovery and extraction, archeology, research, and more. The Geology AS-T Degree requires a total of 26 units of required courses as indicated below. Recommended courses are not required for the degree but are highly recommended if you plan to pursue the Bachelor's in Science degree in geology.</p> <table border="0"> <tr> <td>Required Courses (26 units)</td> <td align="right">Units</td> </tr> <tr> <td>ESC 100 F Physical Geology</td> <td align="right">3</td> </tr> <tr> <td>and</td> <td></td> </tr> <tr> <td>ESC 100LF Physical Geology Lab</td> <td align="right">1</td> </tr> <tr> <td>ESC 103 F Historical Geology</td> <td align="right">4</td> </tr> <tr> <td>CHEM 111AF General Chemistry I</td> <td align="right">5</td> </tr> <tr> <td>CHEM 111BF General Chemistry II</td> <td align="right">5</td> </tr> <tr> <td>MATH 151 F Calculus I</td> <td align="right">4</td> </tr> <tr> <td>or</td> <td></td> </tr> <tr> <td>MATH 151HF Honors Calculus I</td> <td align="right">4</td> </tr> <tr> <td>MATH 152 F Calculus II</td> <td align="right">4</td> </tr> <tr> <td>or</td> <td></td> </tr> <tr> <td>MATH 152HF Honors Calculus II</td> <td align="right">4</td> </tr> <tr> <td>Recommended* Courses (0 - 13 units)</td> <td></td> </tr> <tr> <td>*Contact your specific transfer institution for more information.</td> <td align="right">Units</td> </tr> <tr> <td>BIOL 101 F General Biology</td> <td align="right">5</td> </tr> <tr> <td>or</td> <td></td> </tr> <tr> <td>BIOL 101HF Honors General Biology</td> <td align="right">5</td> </tr> <tr> <td>PHYS 221 F General Physics I</td> <td align="right">4</td> </tr> <tr> <td>PHYS 222 F General Physics II</td> <td align="right">4</td> </tr> <tr> <td>Total Units</td> <td align="right">26</td> </tr> </table>	Required Courses (26 units)	Units	ESC 100 F Physical Geology	3	and		ESC 100LF Physical Geology Lab	1	ESC 103 F Historical Geology	4	CHEM 111AF General Chemistry I	5	CHEM 111BF General Chemistry II	5	MATH 151 F Calculus I	4	or		MATH 151HF Honors Calculus I	4	MATH 152 F Calculus II	4	or		MATH 152HF Honors Calculus II	4	Recommended* Courses (0 - 13 units)		*Contact your specific transfer institution for more information.	Units	BIOL 101 F General Biology	5	or		BIOL 101HF Honors General Biology	5	PHYS 221 F General Physics I	4	PHYS 222 F General Physics II	4	Total Units	26	2017 Fall	Fast-track proposal to reflect course number change in MATH (FY 2017): MATH 150AF --> MATH 151 F and MATH 150BF --> MATH 152 F. Update program with new course numbers. Update catalog description to current format. Add honors versions MATH 151HF and MATH 152HF. PSLO format update only - remove opening phrase.
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