To be adopted:

Proposed Changes to the Liberal Studies major

**PRESENT:**

1. Lower-division requirements (80). Courses can be used to fulfill college breadth requirements.
   
   a) Science and Mathematics (24 units): MATH 005 or MATH 015, BIOL 002, BIOL 003 or BIOL 005A, BIOL 005B, CHEM 001A or CHEM 003, PHYS 002A or PHYS 016, GEO 002 or ENSC 001
   
   b) Humanities and Fine Arts (28 units): ART 001, ART 002, or ART 005, ENGL 031, CPLT 017A, DNCE 005, MUS 001 or MUS 006/ANTH 006, RLST 012/ETST 012, THEA 010 or THEA 070
   
   c) History and Social Science (28 units): ANTH 001, HIST 010, HIST 015, HIST 017A, POSC 010, SOC 001, WMST 001

2. Education component: All tracks require completion of EDUC 109 or EDUC 114, EDUC 139, EDUC 172, EDUC 177A

3. Upper-division requirements (44 units minimum). By the junior year (90 units) students must complete one of the following five tracks. All courses must be taken for a letter grade.

**PROPOSED:**

1. Lower-division requirements (20 courses). Courses can be used to fulfill college breadth requirements.
   
   a) Science and Mathematics (6 courses): MATH 004 or MATH 005 or MATH 015, BIOL 002, BIOL 003 or BIOL 005A, BIOL 005B, CHEM 001A or CHEM 003, PHYS 002A or PHYS 016, GEO 002 or ENSC 001
   
   b) Humanities and Fine Arts (7 courses): ART 001, ART 002, or ART 005, ENGL 031, CPLT 017A, DNCE 005, MUS 001 or MUS 006, RLST 012/ETST 012, THEA 010 or THEA 070
   
   c) History and Social Science (7 courses): ANTH 001, HIST 010, HIST 015, and HIST 017A, POSC 010, SOC 001, WMST 001

2. Education Component: All tracks require completion of EDUC 109 or EDUC 114, EDUC 139, EDUC 172, EDUC 177A.

3. Upper-division requirements (44 units minimum). By the junior year (90 units) students must complete one of the following five (5) tracks. All courses must be taken for a letter grade.

**Track I: American Cultural Life**

Seven upper-division courses from three
different disciplines.

Lower-division prerequisites: AHS 008/FVC 008 or AHS 021/URST 021, MUS 008

Upper-division courses: AHS 186/FVC 186, ENGL 130, ENGL 131, ENGL 132, ENGL 134, ENGL 136T, ENGL 137T/CASA 137T, ENGL 138A, ENGL 138B, ENGL 138T, ENGL 139, ENGL 139T, ETST 124, ETST 141A, ETST 141B, ETST 150, ETST 153/LNST 153, ETST 154, ETST 158, ETST 173, FVC 139/SOC 139, FVC 143 (E-Z), FVC 144 (E-Z), HISA 138, PHIL 108/WMST 108, PHIL 152, PHIL 166, POSC 113

Track 2: American Social and Institutional Life

Seven upper-division courses from three different disciplines.

Lower-division prerequisites: ETST 002 or ETST 004/HIST 004, SOC 003 or SOC 020


Track 3: Environmental Sciences

Lower-division prerequisites: ENSC 001, ENSC 002, CHEM 001A, CHEM 001B, CHEM 001C, MATH 005, POSC 010

Required upper-division courses: ENSC 100/SWSC 100, ENSC 101, ENSC 102, ENSC 191, ENSC 100L/SWSC 100L

Three courses from the following, with at least one course from each list:

(1) ENSC 143A/ECON 143A, ENSC 143B/ECON 143B, ENSC 143C/ECON 143C, ENSC 170, ENSC 172, ENSC 174

Track 3: Environmental Sciences

Lower-division pre-requisites: ENSC 001, ENSC 002, CHEM 001A, CHEM 01LA, CHEM 001B, CHEM 01LB, CHEM 001C, CHEM 01LC, MATH 005, POSC 010

Required upper-division courses: ENSC 100, ENSC 101, ENSC 012, ENSC191; either ENSC 100L or SWSC 100L.

Three courses from the following, with at least one course from each list:

(1) ENSC 143A/ ECON 143A, ENSC 143B/ECON 143B, ENSC 143C/ ECON
(2) ENSC 104/SWSC 104, ENSC 107/SWSC 107, ENSC 127/SWSC 127, BPSC 134/ENSC 134/SWSC 134, ENSC 135/CHEM 135/ENTX 135, ENSC 136/CHEM 136/ENTX 136/SWSC 136, ENSC 142, ENSC 144/ENVE 144, ENSC 155, ENSC 163, ENSC 176/SWSC 176

Track 4: Mathematics

Lower-division prerequisites: MATH 009A, MATH 009B, MATH 009C, MATH 010A, MATH 010B, MATH 046

Required upper-division courses: MATH 112, MATH 131, MATH 133, MATH 144, MATH 153, MATH 171

Track 5: Biological Sciences

Prerequisites: Completion of the Life Sciences Core:

(1) BIOL 005A, BIOL 005LA, BIOL 005B, BIOL 005C

(2) CHEM 001A, CHEM 001B, CHEM 001C, CHEM 112A, CHEM 112C

(3) MATH 009A, MATH 009B

(4) PHYS 002A, PHYS 002B, PHYS 002C, PHYS 02LA, PHYS 02LB, PHYS 02LC

(5) STAT 100A or STAT 105 or STAT 120A

(6) BCH 100 or BCH 110A

Required course: BIOL 102

Six courses from the following: BCH 110B, BIOL 100/ENTM 100, BIOL 104/BPSC 104, 143C, ENSC 170, ENSC 172, ENSC 174

Track 4: Mathematics:

Lower-division prerequisites: MATH008B or MATH 009A, MATH 009B, MATH 009C, MATH 010A, MATH 010B, MATH 046

Required upper-division courses: MATH 112, MATH 131, MATH 133, MATH 144, MATH 153, MATH 171

Track 5: Biological Sciences

Pre-requisites: Completion of the Life Sciences core:

(1) BIOL005A, BIOL005LA, BIOL005B, BIOL005C

(2) CHEM001A, CHEM001B, CHEM001C, CHEM 112A, CHEM 112C

(3) MATH 008B or MATH009A, MATH009B

(4) PHYS002A, PHYS002B, PHYS 002C, PHYS02LA, PHYS02LB, PHYS02LC

(5) STAT100A or STAT015, or STAT120A

(6) BCH100 or BCH110A

Required course: BIOL 102

Select (6)six courses from the following:

BCH 100 or BCH 110A, BCH 110B, Biolog/ENTM 100, Biolog/BPSC 104, Biolog/BPSC/ENTM 112, Biolog 107A, Biolog 107B, Biolog 116, Biolog 117, PLPA 120, PLPA 134, Biolog/MCBL 121

JUSTIFICATION:

The Liberal Studies major is required to incorporate the renumbering changes departments have made to several of our lower division requirements and to allow for the unit value changes in a number of other courses.

Approved by the Liberal Studies Committee: January 12, 2006
Approved by the CHASS Executive Committee: May 31, 2006
Approved by the Committee on Educational Policy: June 6, 2006
Endorsed by the Advisory Committee: June 12, 2006