

Humboldt State University	College of the Redwoods	Humboldt State University	College of the Redwoods	Humboldt State University	College of the Redwoods
Lower Division Core (BA Degree)		ECONOMICS		ENVIRONMENTAL SCIENCE*	
Chem 109	Chem 1A	A minimum grade of C- must be earned in all core courses required for the major.		A minimum grade of C- must be earned in all courses required for the major (all options).	
Chem 110	Chem 1B	Common Core:		Ethics Option	
Math 105 & Math 205	Math 50A & 50B	Econ 210	Econ 10 & Econ 1	Biol 105 or Bot 105	Biol 3 or Biol 5
or		Math 115	Math 25 & 30	Chem 107	Chem 2 or 1A
Math 109, and Math 110, and Math 210	Math 50A, and Math 50B, and Math 50C	or Math 109	or Math 50A	Geog 106	Geog 1
Phyx 106 & Phyx 107	Phys 2A & Phys	or Math 106	or Math 22	Math 105	Math 50A
or		Stat 108 or BA 232	Math 15	or Math 115	or Math 25 & 30
Phyx 109, and Phyx 110, and Phyx 111	Phys 4A, and Phys 4B, and Phys 4C	Pathways: See Humboldt's catalog for additional lower division requirements.		Ocn 109	Ocean 10 & 11
Chemical Technology Option (BA Degree)		ENGLISH		Stat 108 or Biom 109	Math 15
Biol 105	Biol 3	Literary Studies Pathway:		First Nations Environmental Protection Option	
Biom 109	Math 15	Engl 230	Engl 60	Biol 105	Biol 3
Chem 109	Chem 1A	or Engl 231	Engl 61	Biom 109	Math 15
Chem 110	Chem 1B	Engl 240	Engl 20	Bot 105	Biol 5
Math 105, and Math 205	Math 50A, and Math 50B	Writing Practices Pathway:		Chem 109	Chem 1A
or		Engl 205	Engl 32 or Engl 33	Chem 110	Chem 1B
Math 109, and Math 110, and Math 210	Math 50A, and Math 50B, and Math 50C	Please note: For both options above, one year of a language other than English taken at the college level is required.		For 231	For 5
Phyx 106 & Phyx 107	Phys 2A & Phys 2B	Teaching the Language Art / English Education Pathway:		Math 105	Math 50A
or		Engl 231	Engl 61	Math 115	Math 25 & 30
Phyx 109, and Phyx 110, and Phyx 111	Phys 4A, and Phys 4B, and Phys 4C	Engl 232	Engl 17 or 18	NAS 104	NAS 1
COMMUNICATION		Choose one depth option:		Soil 260	Ag 17 & 18
Choose one of the following:		1) Literature / Language	Engl 20	Choose one of the following:	
Comm 108	Drama 2	Engl 240	Engl 20	Geog 106	Geog 1
Comm 213	Spch 7	2) Creative Writing	Engl 32 or 33	Geol 109	Geol 1
COMPUTER INFORMATION SYSTEMS		See HSU catalog for additional depth options.		Technology Option	
A minimum grade of C must be earned in all core and math courses required for the major.		ENVIRONMENTAL RESOURCES ENGINEERING*		Lower Division Core:	
CIS 110	CIS 1 or 2 & 2L	A minimum grade of C- must be earned in all courses required for the major.		Biol 105	Biol 3
CIS 130	CIS 12	Biol 105	Biol 3	Biom 109	Math 15
CIS 230	CIS 16	Chem 109	Chem 1A	Chem 109	Chem 1A
CIS/CS 240	CIS 18	Chem 110	Chem 1B	Chem 110	Chem 1B
CIS 260	CIS 70	Engr 210	Engr 35	Geog 106	Geog 1
CIS 291	CIS 20	Engr 215	Engr 23	Math 105	Math 50A
Math 105 or 109	Math 50A	Math 109	Math 50A	Math 115	Math 25 & 30
Stat 108	Math 15	Math 110	Math 50B	Ocn 109	Ocean 10 & 11
COMPUTER SCIENCE		Math 210	Math 50C	Concentrations within Technology option:	
A minimum grade of C must be earned in all courses required for the major.		Phyx 110	Phys 4B	Appropriate Technology	
CIS 131	CIS 16	Please note modifications to lower division general education (GE) for environmental resources engineering majors: Courses (6 units) used to fulfill the American Institutions requirement may also be used toward fulfilling GE Area D. In addition, critical thinking in GE Area A will be waived for engineering majors.		Math 205	Math 50B
CIS 132	CIS 20			Phyx 106	Phys 2A
CIS/CS 240	CIS 18			Geology & Watershed Management	
CIS 260	CIS 70			Geol 109	Geol 1
Math 109	Math 50A			Math 205	Math 50B
Math 110	Math 50B			Landscape Ecosystems	
Math 210	Math 50C			Bot 105	Biol 5
Math 241	Math 45			For 231	For 5
Phyx 109	Phys 4A			Soil 260	Ag 17 & 18
Phyx 110	Phys 4B			Oceanography & Ecosystems	
Stat 108	Math 15			Math 205	Math 50B
				Soils & Alternative Agriculture	
				Soil 260	Ag 17 & 18
				Soils & Watershed Management	
				Math 205	Math 50B
				Soil 260	Ag 17 & 18
				Water Quality	
				Bot 105	Biol 5
				Water Quality & Hazardous Waste	
				Math 205	Math 50B

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This program is accredited by the California Commission for Teacher Credentialing.

Contact Nancy Hurlbut at (707) 826-3471 or email her at nih7@humboldt.edu for information.

LIBERAL STUDIES ELEMENTARY EDUCATION

Completion of the CSU transfer General Education pattern at CR including the specific courses in GE, institutions requirements, and major requirements as listed below, will meet the lower division major requirements for the Liberal Studies Elementary Education major at Humboldt.

Area A: Transfer GE pattern for Area A

Area B: Transfer GE math course plus the following, must include a lab:

Biol 104	Biol 1 or 8
or Biol 105	Biol 3
Geol 108	Geol 10
or Geol 109	Geol 1

Area C: Transfer GE pattern for Area C to include at least one course from the following:

TFD 105	Drama 30A
TFD 106	Drama 26

Area D: Transfer GE pattern for Area D

Area E: HED 400 must be completed at HSU.

Institutions Requirements

Hist 110	Hist 8
PSci 110	PolSc 10

Additional lower division major requirements:

Educ 110	Educ 1
EED 210	Educ 2 & 2L
CD 256	ECE 2M
or Psyc 213	ECE 2 & Psych 11

Contact Arianna Thobaben at (707) 826-3752 for more information.

LIBERAL STUDIES NON-TEACHING OPTION

Completion of the CSU Transfer General Education pattern at CR, including the Language Study Requirement, will meet the lower division major requirements for the Liberal Studies Non-Teaching major.

Language Study Requirement:

Choose one from the following articulated courses:

Fren 107	Frnc 2A
Germ 107	Germ 2A
Span 107	Span 2A
or three years of language study in high school	

For more information, contact Sharon Ferrett at (707) 826-5111.

LIBERAL STUDIES RECREATION ADMINISTRATION

There are no articulated lower division recreation courses, but the following courses are articulated for the business minor field of study in recreation.

BA 110	Bus 10
BA 210	Bus 18
CIS 110	CIS 1 or CIS 2 & 2L
Econ 210	Econ 1 & 10

MATHEMATICS & MATHEMATICS EDUCATION

A minimum grade of C- must be earned in all courses required for the major (all options).

Math 109	Math 50A
Math 110	Math 50B
Math 210	Math 50C
Math 241	Math 45

One course from:

CIS 130 and CIS 230	CIS 12 CIS 16
CIS 131	CIS 16

Or an approved course in computer programming

Applied Mathematics Option

Use the same lower division requirements listed above

Mathematics Education

strongly recommended course:

Art 105B	Art 17
Phil 100	Phil 12

MUSIC & MUSIC EDUCATION

There are no articulated lower division major courses at this time.

NATIVE AMERICAN STUDIES

NAS 104	NAS 1
NAS 200	NAS 21

NATURAL RESOURCES PLANNING AND INTERPRETATION

A minimum grade of C- must be earned in all courses required for the major (all options).

Core courses (all options)

Biol 105	Biol 3
Bot 105	Biol 5
Chem 107 or Chem 109	Chem 2 or Chem 1A
Soil 260	Ag 17 & Ag 18

GIS and Remote Sensing Option

Biom 109	Math 15
CIS 130	CIS 12
CIS 230	CIS 16
CIS/CS 240	CIS 18
For 216	NR 58 & NR 65
Math 105	Math 50A

Interpretation Option

Anth 104	Anth 3
or Geog 105	or Geog 2
Geog 106	Geog 1
Geol 109	Geol 1
Hist 110 or 111	Hist 8 or Hist 9

Stat 108	Math 15
Zool 110	Biol 4

These courses may be used to fulfill additional requirements. See HSU catalog for specifics.

Art 105B	Art 17
Art 105C	Art 10
Art 250	Art 35
CD 255	ECE 2Y
CD 257	ECE 10LC and 10LB1 or 10LB2 or 10LB3 or 10LB4
For 230	For 51
For 231	For 5
Ocn 109	Ocean 10 & 11
Psyc 213	Ece 2Y & Psych 11

Planning Option

Geog 106	Geog 1
Stat 108	Math 15

Recreation Option

BA 210	Bus 18
Stat 108	Math 15

NURSING (Pre-Major)

A minimum grade of C must be earned in all courses required for the major. Your total GPA for all pre-requisite courses must be 2.5 or higher.

The B.S. Degree program is under review and curricular revisions may be effective fall 2007. Please contact the Nursing Department Office for updates (707) 826-3215.

Prerequisite courses to be considered for admission:

Biol 210*	Biol 2
Chem 107	Chem 2
Chem 117	Chem 3
Comm 100	Spch 1
Engl 100	Engl 1A
Stat 106	Math 15
Zool 214*	Biol 7
Zool 270	Biol 6

Approved general education course in Critical Thinking (Area A3).

*Biology 105 or equivalent is required before taking these courses.

Note: Refer to the current HSU catalog for pre-requisites to Biol 105.

Concurrent with major courses (required completion within 1st year of program):

HED 231	HO 15
Psyc 104	Psych 1
Psyc 311**	Psych 11
Soc 104 or Anth 104	Soc 1 or Anth 3

**Note: Upper division Psyc 311 at Humboldt will be waived upon satisfactory completion of Psyc 11 at CR.

For additional information about admission requirements visit the Nursing website: <http://www.humboldt.edu/~nurs/>.

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OCEANOGRAPHY		Plus one Physics Series: Phyx 106 Phys 2A Phyx 107 Phys 2B Phyx 399 To be taken at HSU		Geol 109	Geol 1
Biol 105	Biol 3	or		Math 105	Math 50A
Biom 109 or Stat 108	Math15			Phyx 106	Phys 2A
Chem 109	Chem 1A			Soil 260	Ag 17 & 18
Chem 110	Chem 1B			Elective: For 230	For 51
Geol 109	Geol 1			RELIGIOUS STUDIES	
Math 109	Math 50A			RS 105	Phil 15
Math 110	Math 50B			SCIENCE EDUCATION*	
Math 210	Math 50C	Lower Division Core (BS degree)		Biology Option	
Ocn 109	Ocean 10 & 11	Chem 109	Chem 1A	Biol 105	Biol 3
Phyx 109	Phys 4A	Chem 110	Chem 1B	Biom 109	Math15
Phyx 110	Phys 4B	Math 109	Math 50A	Bot 105	Biol 5
		Math 110	Math 50B	Chem 109	Chem 1A
		Math 210	Math 50C	Geol 109	Geol 1
		Math 241	Math 45	Math 105	Math 50A
PHILOSOPHY		Plus the following Physics Series: Phyx 109 Phys 4A Phyx 110 Phys 4B Phyx 111 Phys 4C		Phyx 106	Phys 2A
Phil 100	Phil 12	For Physics options, complete the following in addition to the courses listed above:		Phyx 107	Phys 2B
PHYSICAL EDUCATION - EDUCATION		BS Physics Biology Option		Zool 210	Biol 4
Prerequisite:		Biol 105	Biol 3	Geoscience Option	
Zool 113	Biol 7	Geol 109	Geol 1	Biol 105	Biol 3
Note: Biol 1 or Biol 4 will serve as a prerequisite for Zool 374 at Humboldt.		Geol 109	Geol 1	Bot 105 or	Biol 5 or
Core:		Ocn 109	Ocean 10 & 11	Zool 110	Biol 4
HE 115	HE 7	BS Physics Geology Option		Chem 109	Chem 1A
Kins 165	PE 65	Biol 105	Biol 3	Chem 110	Chem 1B
Teaching Emphasis		Geol 109	Geol 1	Geol 109	Geol 1
Educ 285	CIS 2 & 2L or Educ 4	Ocn 109	Ocean 10 & 11	Math 105	Math 50A
PHYSICAL SCIENCE*		POLITICAL SCIENCE		Ocn 109	Ocean 10 & 11
A minimum grade of C- is required for all courses with the "Phyx" prefix for the B.S. physical science major degree.		There are no articulated lower division major courses at this time.		Phyx 104	Astro 10 & 15A
Biol 105	Biol 3	PSYCHOLOGY		Phyx 106	Phys 2A
Chem 109	Chem 1A	Psyc 104	Psych 1	Phyx 107	Phys 2B
Chem 110	Chem 1B	Psyc 200	Psych 2	SOCIAL WORK	
Geol 109	Geol 1	Psyc 241	Math 15	Biol 104	Biol 1 or 8
Math 109 or 105	Math 50A	RANGELAND RESOURCE SCIENCE*		Psyc 104	Psych 1
Math 110	Math 50B	Please note: Complete all courses in the major with a C- or better.		Soc 104	Soc 1
Phyx 111	Phys 4C	Rangeland Resource Science Option		SW 104	Soc 34
Plus one Physics Series:		Biol 105	Biol 3	SW 255	Soc 38
Phyx 106	Phys 2A	Biom 109	Math15	Stat 108	Math 15
Phyx 107	Phys 2B	Bot 105	Biol 5	Choose one of the following:	
Phyx 399	To be taken at HSU	Chem 107	Chem 1A or Chem 2	Anth 104	Anth 3
or		Geol 109	Geol 1	ES 105	Soc 5
Phyx 109	Phys 4A	Soil 260	Ag 17 & 18	NAS 104	NAS 1
Phyx 110	Phys 4B	Electives:		SOCIOLOGY	
PHYSICS*		For 116	For 1	Lower Division Requirements:	
A minimum grade of C- is required for all courses with the "Phyx" prefix for all of the options in physics.		For 230	For 51	Soc 104	Soc 1
Lower Division Core (BA degree)		For 231	For 5	Soc 282	Math 15
Chem 109	Chem 1A	Wildland Soil Science Option		Students must earn a minimum grade of C in all courses required for the major.	
Chem 110	Chem 1B	Biol 105	Biol 3	THEATRE ARTS	
Math 109	Math 50A	Biom 109	Math 15	A minimum grade of C- must be earned in all courses required for the major.	
Math 110	Math 50B	Bot 105	Biol 5	There are no articulated lower division core courses at this time.	
Math 210	Math 50C	Chem 107	Chem 2 or Chem 1A	Approved Theatre Elective	
Math 241	Math 45			TFD 105	Drama 30A
Phyx 111	Phys 4C				

WILDLIFE

Biol 105	Biol 3
Biom 109	Math15
Bot 105	Biol 5

For options listed below, complete the following in addition to above courses.

Option 1: Wildlife Management and Conservation

Math 115	Math 25 & 30
Zool 110	Biol 4
Chem 107 or Chem 109	Chem 2 or 1A Chem 1A

Plus one of the following:

Chem 110	Chem 1B
Phyx 106	Phys 2A
Soil 260	Ag 17 & 18

Option 2: Conservation Biology / Applied Vertebrate Ecology*

Chem 109	Chem 1A
Math 105	Math 50A
Zool 210	Biol 4

WORLD LANGUAGES & CULTURES French, German, Spanish

Humboldt's Modern Languages BA program is composed of upper division courses only. Any student thinking about majoring in these languages must have a well developed language proficiency. We recommend the completion of first- and second-year level courses to all students for this major:

ZOOLOGY

Biol 105	Biol 3
Biom 109	Math15
Bot 105	Biol 5
Chem 109	Chem 1A
Math 105	Math 50A
Phyx 106	Phys 2A
Zool 210	Biol 4

NOTE: These course articulations are subject to periodic review. Please consult a counselor or the following Web site to check for possible changes:

www.humboldt.edu/admissions/apply/transfers.shtml

Click on "Am I Eligible?" and then "College of the Redwoods Transfer Guide."

If you have questions regarding the information on this Guide, please contact Valerie Green, Office of the Registrar, Humboldt State University at (707) 826-6210. If you have questions regarding admission to HSU, please contact Rhonda Geldin, Outreach and Recruitment, Humboldt State University at (707) 826-6213.

*Upon satisfactory completion of Chem 8 at CR , upper division Chem 328 at HSU will be waived.

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