

Liberal Arts and Sciences

Advertising, B.A.

Freshman

Fall	Credits Spring	Credits
ENGL 150	3 ECON 101	3
JL MC 110	1 LIB 160	1
JL MC 101	3 Arts and Humanities	3
Arts and Humanities	3 International Perspectives	3
Natural Science	3 Natural Science	3
Social Science	3 Elective	3
	16	16

Sophomore

Fall	Credits Spring	Credits
ADVRT 230	3 JL MC 201	3
ENGL 250	3 Arts and Humanities	3
Foreign Language or Elective	4 Foreign Language or Elective	4
Natural Science	2 SP CM 212	3
Social Science	3 Elective	1
	15	14

Junior

Fall	Credits Spring	Credits Summer	Credits
ADVRT 301	3 ADVRT 334 or 336	3 JL MC 499	3
ADVRT Recommendation - 300 level	3 DAC		3
DAC	3 ADVRT Recommendation - 300 level		3
MKT 340	3 DAC - 300+		3
STAT 101	4 Arts and Humanities		3
	16	15	3

Senior

Fall	Credits Spring	Credits
JL MC 460	3 ADVRT 434, 435, or 436	3
DAC - 300+	3 JL MC Recommendation - 400-level	3
DAC - 300+	3 DAC - 300+	3
U.S. Diversity - 300+	3 DAC	3
Elective - 300+	3	
	15	12

Total Credits: 122

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses.

LAS majors require a minimum of 120 credits, **including a minimum of 45 credits at the 300-level and above**. You must also complete the LAS foreign language requirement and any high school unmet admission requirements.

- Students must pass the School administered English Usage Test (EUT) in accordance with the following guidelines:
 - Students entering the School as freshmen pre-advertising or pre-journalism and mass communications majors, whose entrance is not accompanied by a preEntrance score on the ACT-E of 26 or higher, or an SAT-V score of 590 or higher, will have one calendar year from the start of their first term as a Pre-Advrt or Pre-JI MC major to meet the requirement for the English Usage Test.
 - Students entering the School as transfer students, either from other institutions or from within Iowa State, must pass the School's English Usage Test or provide evidence of having received a score on the ACT-E of 26 or higher, or SAT-V of 590 or higher, by the end of their second full academic term in the School as a pre-major.
- Advrt majors need a broad-based academic background that the School seeks to ensure by requiring a Designated Area of Concentration (DAC) made up of 21 credits with at least 12 credits from the 300-level or above of coursework outside Greenlee. The DAC is a secondary area of expertise make up of courses selected and designed by the student, with adviser approval, to complement the student's academic and career interest. A second major outside of Advrt or JI MC may substitute for the DAC.

Anthropology, B.A.

Freshman

Fall	Credits Spring	Credits
ENGL 150	3 ANTHR 202	3
LIB 160	1 Minor Choice	3
ANTHR 201	3 Social Science Choice	3
Elective	3 Natural Science Choice	3
Humanities Choice	3 Humanities Choice	3

Social Science Choice	3	
	16	15

Sophomore

Fall	Credits Spring	Credits
ANTHR 308	3 ANTHR 306	3
Foreign Language/International Perspective	4 Foreign Languages/International Perspective	4
Humanities Choice	3 ANTHR 300 Choice	3
ENGL 250	3 Minor Choice	3
ANTHR 300 Choice	3 Natural Science Choice	3
	16	16

Junior

Fall	Credits Spring	Credits Summer	Credits
ANTHR 425	2 ANTHR 307	3 It is highly recommended that students complete a field school, internship, or study abroad experience during the summer between their junior and senior years however, this is not required for graduation.	
			0
STAT 101	4 ANTHR 300 Choice		3
Humanities Choice	3 ENGL 309		3
ANTHR 300 Choice	3 Minor Choice		3
Natural Science Choice	3 Additional Group Requirement		3
	15	15	0

Senior

Fall	Credits Spring	Credits
ANTHR 450	3 ANTHR 300 Choice	3
Minor Choice	3 Minor Choice	3
ANTHR 300 Choice	3 Additional Writing Course	3
Additional Group Requirement	3 Elective	3
Electives	3	
	15	12

Total Credits: 120

LAS majors require a minimum of 120 credits, including a minimum of 45 credits at the 300/400 level. Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses.

Students in Anthropology have the option of pursuing a B.S. or a B.A. A B.S. requires six additional group requirement credits in natural science or mathematics disciplines. A B.A. requires six additional group requirement credits in social or humanities disciplines.

Anthropology, B.S.

Freshman

Fall	Credits Spring	Credits
ENGL 150	3 ANTHR 202	3
LIB 160	1 Minor Choice	3
ANTHR 201	3 Social Science Choice	3
Elective	3 Natural Science Choice	3
Humanities Choice	3 Humanities Choice	3
Social Sciences Choice	3	
	16	15

Sophomore

Fall	Credits Spring	Credits
ANTHR 308	3 ANTHR 306	3
Foreign Language/International Perspective	4 Foreign Language/International Perspective	4
Humanities Choice	3 ANTHR 300 Choice	3
ENGL 250	3 Minor Choice	3
ANTHR 300 Choice	3 Natural Science Choice	3
	16	16

Junior

Fall	Credits Spring	Credits Summer	Credits
ANTHR 425	2 ANTHR 307	3 It is highly recommended that students complete a field school, internship, or study abroad experience during the summer between their junior and senior year however, this is not required for graduation.	
			0
STAT 101	4 ANTHR 300 Choice		3
Humanities Choice	3 ENGL 309		3
ANTHR 300 Choice	3 Minor Choice		3
Natural Science Choice	3 Additional Group Requirement		3
	15	15	0

Senior		
Fall	Credits Spring	Credits
ANTHR 450	3 ANTHR 300 Choice	3
Minor choice	3 Minor Choice	3
ANTHR 300 Choice	3 Additional Writing Course	3
Additional Group Requirement	3 Elective	3
Electives	3	
	15	12

Total Credits: 120

LAS majors require a minimum of 120 credits, **including a minimum of 45 credits at the 300/400 level**. Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses.

Students in Anthropology have the option of pursuing a B.S. or a B.A. A B.S. requires six additional group requirement credits in natural science or mathematics disciplines. A B.A. requires six additional group requirement credits in social or humanities disciplines.

Biochemistry, B.S.

Freshman		
Fall	Credits Spring	Credits
BBMB 101	1 BBMB 102	1
CHEM 201 *	5 CHEM 211	2
CHEM 201L *	1 CHEM 211L	2
MATH 165 **	4 MATH 166	4
ENGL 150 ¹	3 BIOL 211	3
LIB 160 ¹	1 BIOL 211L ²	1
	LAS General Education Requirement ¹	3
	15	16

Sophomore		
Fall	Credits Spring	Credits
CHEM 331	3 BBMB 201	2
CHEM 331Lor 333L	1-2 CHEM 332	3
MATH 265 or MATH 266	3-4 CHEM 332L or 334L	1-2
BIOL 212	3 PHYS 222	5
PHYS 221	5 ENGL 250 ¹	3
	15-17	14-15

Junior		
Fall	Credits Spring	Credits
BBMB 404 ³	3 BBMB 405 ³	3
BIOL 313	3 BIOL 314	3
LAS General Education Requirement ¹	3 LAS General Education Requirement ¹	3
LAS General Education Requirement ¹	3 LAS General Education Requirement ¹	3
LAS Foreign Language Requirement ¹	4 LAS Foreign Language Requirement ¹	4
	16	16

Senior		
Fall	Credits Spring	Credits
BBMB 411	4 BBMB 461	2
CHEM 324	3 BBMB 561L (optional)	4
LAS General Education Requirement ¹	3 Biological Science Elective ⁵	3
LAS General Education Requirement ¹	3 CHEM 325	3
BBMB 490 or 499 ⁴	1-2 CHEM 322L ⁶	3
Elective	3 BBMB 490 or 499 ⁴	1-2
	17-18	13-14

Total Credits: 122-127

* General Chemistry I and II (177, 177n or 177I and 178) are acceptable substitutes for CHEM 201 and 201L.

Chemistry assessment required for placement into CHEM 201.

** Math assessment is required. Student not ready for calculus will be enrolled in MATH 142.

1 Liberal Arts and Sciences (LAS) General Education Requirements include a minimum of: 12 cr. Arts and Humanities, 9 cr. Social Sciences and 11 cr Natural Sciences (8 cr.) and Math (3 cr.)

Students in all ISU majors must complete a 3-cr. course in U.S. Diversity and a 3-cr. course in International Perspectives. Discuss with your adviser how the two courses you select can be applied to address general education requirements. Check for a list of approved courses at: <http://www.registrar.iastate.edu/courses/div-ip-guide.html>

Foreign Language Requirement: (www.las.iastate.edu/academics/learning_goals.shtml)

2 One Biology laboratory course is required. Choose BIOL 211L, 212L, or 313L.

3 Students have the option of choosing the senior level biochemistry sequence for 5 credits (BBMB 404 and BBMB 405) or the graduate-level biochemistry sequence for 8 credits (BBMB 501 and BBMB 502).

4 Undergraduate study or research, BBMB 490 or 499, is recommended but not required. Credit value is variable.

5 Four credits of electives in Biological Sciences is required.

6 CHEM 321L + BBMB 561L may be taken as a substitute for CHEM 322L.

Bioinformatics and Computational Biology B.S.

Freshman		
Fall	Credits Spring	Credits
BCBIO 110	0.5 BIOL 212	3
ENGL 150	3 BIOL 212L	1
BIOL 211	3 CHEM 178	3
BIOL 211L	1 MATH 166	4
CHEM 177	4 Social Science Choice	3
CHEM 177L	1 LIB 160	1
MATH 165	4	
	16.5	15

Sophomore		
Fall	Credits Spring	Credits
MATH 265	4 BIOL 314	3
BIOL 313	3 COM S 227	4
BIOL 313L	1 MATH 207	3
CHEM 331	3 BCBIO 211	3
STAT 330 or STAT 341	3 Humanities Choice	3
ENGL 250	3	
	17	16

Junior		
Fall	Credits Spring	Credits
COM S 228	3 COM S 363	3
GEN 409	3 Bioinformatics Support Elective **	3
PHYS 221	5 Humanities Choice	3
STAT 430	3 Elective ⁺	3
Humanities Choice	3 Social Science Choice	3
	17	15

Senior		
Fall	Credits Spring	Credits
ENGL 312 or ENGL 314	3 BCBIO 490 or BCBIO 491	3
COM S 330 or CPR E 310	3 BCBIO 402	3
BCBIO 401	3 Elective [*]	3
Humanities Choice	3 Social Science Choice	3
	12	12

Total Credits: 120.5

* LAS majors require a minimum of 120 credits, **including a minimum of 45 credits at the 300/400 level**. Students must also complete the LAS foreign language requirement. Students who did not complete 3 years of foreign language in high school will need to earn foreign language credit before graduating.

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. See list of approved courses (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>). Discuss with adviser how the two courses that you select can be applied to your graduation plan.

- ** Bioinformatics Support Electives are to be chosen from the following list:
- BCB 548, 548, 593, 594, 596
 - BBMB 404,405
 - BIOL 315, 423, 462, 465, 472
 - GEN 340, 410
 - STAT 342, 402, 416, 432, 480
 - COM S and CPR E courses at the 300 level or above
 - MATH (266 OR 267), 404, 314,485, 481

Biological/Pre-Medical Illustration, B.A .

Freshman			
Fall	Credits Spring	Credits Summer	Credits
LAS 101	0.5 LIB 160	1	
ENGL 150	3 Humanities	3	
CHEM 163	4 BIOL 212	3	
CHEM 163L	1 BIOL 212L	1	
BIOL 211	3 ARTIS 230	3	
BIOL 211L	1 Soc Sci Choice	3	
DSN S 131	4 CHEM 231.231L or STAT or MATH	3-4	
	16.5	17-18	
Sophomore			
Fall	Credits Spring	Credits Summer	Credits
Foreign Lang. or Humanities (ART 280)	3-4 For Lang or Social Sci	3-4 Consider study abroad or attending summer GNSI Workshops or a Biological Station to take advanced Biology Courses	
CHEM 231/231L or STAT or MATH	3-4 BPM I 326	3	
BPM I 323	3 ARTIS 330	3	
ENGL 250	3 Humanities	3	
BIOL 255	3 BIOL 256	3	
	15-17	15-16	0
Junior			
Fall	Credits Spring	Credits Summer	Credits
BPM I 327	3 BPM I 337	3	
Advanced Biology	3-4 BIOL 351	5	
ARTIS 308	3 Soc Sci	3	
Humanities or Social Sci	3 ARTIS 233	3	
Advanced Biology or Art or plant science	3 Humanities and Advanced Art	3	
Work with BPPI advisory committee to plan senior project for portfolio			
If planning to attend graduate school, take GRE in Fall and prepare up to 20 portfolio pieces for submission in January			
	15-16	17	
Senior			
Fall	Credits Spring	Credits Summer	Credits
Advanced Biology	3-5 Advanced Biology	3-4	
Advanced Art	3-6 Advanced Art	3-6	
Humanities/Social Elective	3 Humanities/Social Sci/Elective	3-6	
BPMI 497	1 ENGL 302-316	3	
	10-15	12-19	

Total Credits: 117.5-134.5

LAS majors require a minimum of 120 credits, **including a minimum of 45 credits at the 300-level and above**. You must also satisfy the LAS foreign language requirement.

Biology, B.S.

Freshman			
Fall	Credits Spring	Credits Summer	Credits
ENGL 150 or 250	3 BIOL 111	0.5 All Summers: Consider internship, study abroad, field stations, research, clinical observation	
BIOL 110	1 BIOL 212	3	
LIB 160	1 BIOL 212L	1	
BIOL 211	3 Chemistry *	4	
BIOL 211L	1 Social Science	3	
CHEM 163/L or 177/L *	5 Math/Stat Choice *	4	
Humanity	3		
	17	15.5	0
Sophomore			
Fall	Credits Spring	Credits Summer	Credits
ENGL 250, elective or Foreign Language	3-4 BIOL 313	3 All Summers: Consider internship, study abroad, field stations, research, clinical observation	
BIOL 312	4 BIOL 313L	1	
Chemistry or Biochemistry *	3-4 Biochemistry *	3	
Advanced Biology	3 Foreign Language/Elective	4	
	Advanced Biology w/Lab	4	
	13-15	15	0
Junior			
Fall	Credits Spring	Credits Summer	Credits
BIOL 314	3 BIOL 315	3 All Summers: Consider internship, study abroad, field stations, research, clinical observation	
PHYS 111 or 115X	5 PHYS 112* or electives	5	
Advanced Biology w/Lab	4 Advanced Biology	3	
US Diversity/Social Science	3 Int. Persp./Humanity	3	
	15	14	0
Senior			
Fall	Credits Spring	Credits Summer	Credits
Advanced Biology	3 Advanced Biology	4	
Written Communication/Speech	3 Humanity	3	
Social Science	3 Elective or Minor	4	
Humanity	3 Math/Stat choice *	4	
Elective or Minor	4		
	16	15	

Total Credits: 120.5-122.5

Students must have 120 credits minimum to graduate.

This is only a suggested outline plan. Students may choose or be forced to deviate from this plan to satisfy unmet requirements, for scheduling reasons, or to add a minor or double major. We strongly suggest student involvement in internships, study abroad, summer field stations, Iowa Lakeside Lab, Field Trips in Biology or research opportunities at ISU. These will; enhance your program of study but may add credits or time to your degree plan.

Students are required to take 21 credits in advance biology of which 9 credits must be from the Biology Program, (BIOL), and 2 advanced BIOL courses must have a lab or field component.

* Students should meet with a Biology Program advisor to determine the proper plans for chemistry, math and physics before selecting those options above.

Biophysics, B.S.

Freshman			
Fall	Credits Spring	Credits Summer	Credits
BBMB 101	1 BBMB 102	1	
CHEM 201 *	5 CHEM 211	2	
CHEM 201L *	1 CHEM 211L	2	
MATH 165 **	4 MATH 166	4	
ENGL 150 ¹	3 BIOL 211	3	
LIB 160 ¹	1 BIOL 211L ²	1	
	COM S 207	3	
	15	16	
Sophomore			
Fall	Credits Spring	Credits Summer	Credits
CHEM 331	3 CHEM 332	3	

MATH 265	4 MATH 266	3	
BIOL 212	3 PHYS 222	5	
PHYS 221	5 ENGL 250 ¹	3	
	15	14	
Junior			
Fall	Credits Spring	Credits	
BBMB 404 ³	3 CHEM 325	3	
CHEM 324	3 CHEM 322L ⁶	3	
LAS Foreign Language Requirement ¹	4 MATH 307 or MATH 317	3-4	
Science Elective 300+ ⁵	3 LAS General Education Requirement ¹	3	
	LAS Foreign Language Requirement ¹	4	
	13	16-17	
Senior			
Fall	Credits Spring	Credits	
BBMB 411	4 BBMB 461 (BBMB 561L optional)	2	
Science Elective 300+ ⁵	3 Biological Science Elective ⁵	3	
STAT 305 or STAT 231	4 LAS General Education Requirement ¹	3	
LAS General Education Requirement ¹	3 LAS General Education Requirement ¹	3	
LAS General Education Requirement ¹	3 LAS General Education Requirement ¹	3	
BBMB 490 or 499 ⁷	BBMB 490 or 499 ⁷		
	17	14	

Total Credits: 120-121

- * General Chemistry I and II (177, 177n or 177l and 178) are acceptable substitutes for CHEM 201 and 201L. Chemistry assessment required for placement into CHEM 201.
- ** Math assessment is required. Student not ready for calculus will be enrolled in MATH 142.
- ¹ Liberal Arts and Sciences (LAS) General Education Requirements include a minimum of: 12 cr. Arts and Humanities, 9 cr. Social Sciences and 11 cr Natural Sciences (8 cr.) and Math (3 cr.) Students in all ISU majors must complete a 3-cr. course in U.S. Diversity and a 3-cr. course in International Perspectives. Discuss with your adviser how the two courses you select can be applied to address general education requirements. Check for a list of approved courses at: <http://www.registrar.iastate.edu/courses/div-ip-guide.html> Foreign Language Requirement: (www.las.iastate.edu/academics/learning_goals.shtml)
- ² One Biology laboratory course is required. Choose BIOL 211L, 212L, or 313L.
- ³ Students have the option of choosing the senior level biochemistry sequence for 5 credits (BBMB 404 and BBMB 405) or the graduate-level biochemistry sequence for 8 credits (BBMB 501 and BBMB 502).
- ⁴ Undergraduate study or research, BBMB 490 or 499, is recommended but not required. Credit value is variable.
- ⁵ Four credits of electives in Biological Sciences is required.
- ⁶ CHEM 321L + BBMB 561L may be taken as a substitute for CHEM 322L.

Chemistry, B.A.

Freshman			
Fall	Credits Spring	Credits	
CHEM 177(F) or CHEM 201 ^{1,2}	4-5 CHEM 178 ^{1,2}	3	
CHEM 177N or CHEM 201L ^{2,F}	1 CHEM 110X (strongly recommended) ⁵	1	
CHEM 101X (required for LC members) ^F	1 CHEM 211	2	

MATH 165	4 CHEM 211L	2
ENGL 150	3 MATH 166	4
LIB 160	1 Electives	
Electives		
	14-15	12
Sophomore		
Fall	Credits Spring	Credits
CHEM 331	3 CHEM 332	3
CHEM 333L ^{F,2}	2 CHEM 334L ^{2,5}	2
PHYS 221 ²	5 PHYS 222 ²	5
Electives	ENGL 250	3
	Electives	
	10	13
Junior		
Fall	Credits Spring	Credits
CHEM 324 ^F	3 CHEM 325	3
Foreign Language - first semester of any foreign language accepted ³	4 CHEM 321L ^S	2
Electives	CHEM 301 ^S	2
	Foreign Language - second semester ³	4
	CHEM 550 (strongly recommended) ⁵	1
	Electives	
	7	12
Senior		
Fall	Credits Spring	Credits
CHEM 316 ^F	2 BBMB 301 (strongly recommended)	3
CHEM 316L ^F	2 CHEM 399 (strongly recommended)	
ENGL 314	3	
Electives		
	7	3

Total Credits: 78-79

- ¹ Advanced high school chemistry and strong algebra skills are necessary for success in CHEM 201. Math ACT of 24 or greater is strongly recommended.
 - ² Students may substitute the following courses, if necessary:
 - CHEM 201 for 177 and 178;
 - CHEM 177L for 177N or 201L
 - CHEM 331L and 332L for 333L and 334L; however, this substitution may result in a program which is deficient in the laboratory experience recommended by the American Chemistry Society.
 - CHEM 321L for 322L; however this substitution may result in a program which is deficient in the laboratory experience recommended by the American Chemistry Society.
 - ³ Completion of three years of foreign language in high school fulfills this requirement.
 - ^F Class offered Fall Semester only.
 - ^S Class offered Spring Semester only.
- Individuals earning a B.A. degree in Chemistry who have taken 331L, 334L and 322L can obtain American Chemical Society certification by taking an additional advanced chemistry lecture course of BBMB 301 or 404. CHEM 550 may not be used to satisfy the Advanced Chemistry requirement.

Chemistry, B.S.

Freshman			
Fall	Credits Spring	Credits	
CHEM 177 or CHEM 201(F) ^{1,2}	4-5 CHEM 178 ^{1,2}	3	
CHEM 177N or CHEM 201L ^{2,F}	1 CHEM 110X (strongly recommended) ^S	1	
CHEM 101X (required for LC members) ^F	1 CHEM 211	2	
MATH 165	4 CHEM 211L	2	
ENGL 150	3 MATH 166	4	
LIB 160	1 Electives		
Electives			
	14-15	12	

Sophomore

Fall	Credits Spring	Credits
CHEM 331	3 CHEM 332	3
CHEM 333L ^{2,F}	2 CHEM 334L ^{2,S}	2
MATH 265	4 PHYS 222	5
PHYS 221	5 ENGL 250	3
Electives	Electives	
	14	13

Junior

Fall	Credits Spring	Credits
CHEM 324 ^F	3 CHEM 325	3
CHEM 316 ^F	2 CHEM 322L ^{2,S}	3
CHEM 316L ^F	2 CHEM 301 ^S	2
Foreign Language - first semester of any foreign language accepted ³	4 Foreign Language - second semester ³	4
Electives	CHEM 550 (strongly recommended) Electives	1
	11	13

Senior

Fall	Credits Spring	Credits
CHEM 401L ^F	1 Advanced Chemistry ^{4,5}	
CHEM 402 ^F	3 BBMB 301 (strongly recommended)	3
ENGL 314	3 CHEM 399 (strongly recommended) crs-variable	
Electives		
	7	3

Total Credits: 87-88

- Advanced high school chemistry and strong algebra skills are necessary for success in CHEM 201. Math ACT of 24 or greater is strongly recommended.
 - Students may substitute the following courses, if necessary:
 - CHEM 201 for 177 and 178;
 - CHEM 1771 for 177N or 201L
 - CHEM 3311 and 332L for 333L and 334L; however, this substitution may result in a program which is deficient in the laboratory experience recommended by the American Chemistry Society.
 - CHEM 321L for 322L; however this substitution may result in a program which is deficient in the laboratory experience recommended by the American Chemistry Society.
 - Completion of three years of foreign language in high school fulfills this requirement.
 - The completion of two courses (minimum of 2 credits each) are required to meet this requirement. (In addition to advanced Chemistry courses, certain courses in Biochemistry-Biophysics, Chemical Engineering, Computer Science, Mathematics and Materials Science and Engineering are acceptable.) Up to four credits in undergraduate research (CHEM 339 and/or 499) can be counted as one of the two advanced chemistry courses. CHEM 550 may not be used to satisfy the Advanced Chemistry requirement.
 - The program as listed above meets the standard for a certified degree of the American Chemical Society's Committee on Professional Training if BBMB 301 or 404 is one of the Advanced Chemistry Courses.
- F Class offered Fall Semester only.
S Class offered Spring Semester only.

Communication Studies, B.A .**Freshman**

Fall	Credits Spring	Credits
ENGL 150	3 COM S 103	4
COMST 101	3 Social Science Choice	3
Social Science Choice	3 Humanities Choice	3
Humanities Choice	3 Natural Science Choice	3
Natural Science Choice	3 Elective	3
LIB 160	1	
	16	16

Sophomore

Fall	Credits Spring	Credits
COMST 102	3 COM S 103 or COMST 218 or SP CM 212	3
Foreign Language/Elective	3-4 Foreign Language/Elective	3-4
ENGL 250	3 Elective	3
Humanities Choice	3 Math Choice (STAT 101 recommended)	3-4
Social Science Choice	3 Elective(s) (if STAT 101 and/or For. Lang. is not taken)	1-2
	15-16	13-16

Junior

Fall	Credits Spring	Credits
COMST 203	3 Upper Division Comm. Requirement	3
COMST 301	3 Upper Division Comm. Requirement	3
U.S. Diversity Choice	3 Humanities Choice	3
Natural Science Choice	3 Elective - 300+	3
Elective 300+	3 Elective - 300+	3
	15	15

Senior

Fall	Credits Spring	Credits
Upper Division Comm Requirement	3 COMST 404	3
Upper Division Comm Requirement	3 Upper Division Comm Requirement	3
Any Elective	3 Verbal Comm--ENGL 302, 309, or 314	3
Electives 300+	3 Elective 300+	3
Elective 300+	3 Elective 300+	3
	15	15

Total Credits: 120-124

To meet Upper Division Comm Requirements students select from among the following:

- COMST 301
- COMST 314
- COMST 317
- COMST 319
- COMST 325
- COMST 330
- SP ECM 305
- Semantics or SP CM 323

Students in all majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. (COMST 310 fulfills the international perspective requirement/SP SM 323 fulfills the U.S. diversity requirement). Approved courses are listed at: <http://www.registrar.iastate.edu/courses/div-ip-guide.html>. Discuss with your adviser how the two courses that you select can be applied to your graduation plan.

LAS majors require a minimum of 120 credits, including a minimum of 45 credits at the 300/400 level. You must also complete the LAS foreign language requirement.

The LAS College requires all students to have a 2.0 in the major to graduate. This means students need a 2.0 GPA in the 33 hours taken to fulfill the major requirements in Communication Studies.

Computer Science, B.S.**Freshman**

Fall	Credits Spring	Credits
COM S 101	0 COM S 228	3
ENGL 150	3 Social Science choice	3
COM S 227	4 LIB 160	1
MATH 165	4 MATH 166	4
Foreign Language 101/Elective	3-4 Foreign Language 102	4
	14-15	15

Sophomore			
Fall	Credits	Spring	Credits
COM S 203		0 Arts & Humanities choice	3
CPR E 281		4 Natural Science	3
COM S 229		3 COM S 330	3
Math choice		3-4 COM S 321	3
ENGL 250		3 STAT 330	3
Elective		3	3
		16-17	15
Junior			
Fall	Credits	Spring	Credits
COM S 362 or COM S 363		3 COM S 309	3
COM S 331		3 COM S 311	3
SP CM 212		3 PHYS 222	5
PHYS 221		5 Social Science	3
Social Science		3	3
		17	14
Senior			
Fall	Credits	Spring	Credits
Arts and Humanities choice		3 Com S 400-level course	3
COM S 342		3 Com S 400-level course	3
COM S 352		3 ENGL 302/305/309/314	3
PHIL 343		3 Arts and Humanities	3
Electives		3 Elective	2
		15	14

Total Credits: 120-122

Earth Science, B.A.

Freshman			
Fall	Credits	Spring	Credits
ENGL 150	3	GEOL 102	3
LIB 160	1	GEOL 102L	1
GEOL 100	3	CHEM 178	3
GEOL 100L	1	CHEM 178L	1
CHEM 177	4	ASTRO 120	3
CHEM 177L	1	MTEOR 206	3
MATH 151 or 160 or 165 or 181	3-4	HIST 222 or POL S 215	3
		C I 219	1
	16-17	18	8
Sophomore			
Fall	Credits	Spring	Credits
ENGL 250	3	GEOL 365	3
GEOL 315	3	GEOL 356	5
GEOL 315L	1	PHYS 112	5
GEOL 316	2	C I 202	3
PHYS 111	5	PSYCH 230 or HD FS 102	3
ASTRO 150	3	C I 280M	2
C I 204	3	**Apply to Teacher Education Program 1st week**	
	20	21	
Take PRAXIS-I by October 15			
Junior			
Fall	Credits	Spring	Credits
GEOL 368	4	ENGL 309 or 302 or 314 or JL MC 347	3
C I 333	3	COMST 102 or SP CM 212 or SP CM 313 or THTHR 358	3
Humanities Choice ¹	3	C I 419	2
C I 347	3	C I 468K	2
C I 418	2	Humanities Choice	3
C I 468J	2	COM S 107 or STAT 101 or STAT 104	3
	17	16	6
Senior			
Fall	Credits	Spring	Credits
C I 406	3	C I 417J	14
Humanities Choice	3		
Geology Choice	3		
Social Science/Humanities Choice ¹	3		

SP ED 401	3		
Biology Choice ²	3		
Apply to Student Teach.			
	18		14
Total Credits: 154-155			

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses.

LAS majors require a minimum of 120 credits, including a minimum of 45 credits at the 300/400 level. You must also complete the LAS foreign language requirement.

1 Choice depends on whether American History (humanities) or American Government (Social Science) was chosen earlier.

2 Choose from list of approved courses available from an adviser.

Earth Science, B.S.

Freshman			
Fall	Credits	Spring	Credits
ENGL 150	3	GEOL 102	3
GEOL 100	3	GEOL 102L	1
GEOL 100L	1	CHEM 178	3
CHEM 177	4	CHEM 178L	1
CHEM 177L	1	MATH 166 or 182	4
MATH 165 or 181	4	Arts-and-Humanities Choice	3
LIB 160	1		
	17		15
Sophomore			
Fall	Credits	Spring	Credits
ENGL 250	3	GEOL 365	3
GEOL 315	3	Arts-and-Humanities Choice	3
GEOL 315L	1	PHYS 112	5
GEOL 316	2	STAT 101 or 104	3-4
PHYS 111	5	MTEOR 206	3
COM S 107	3		
	17		17-18
Junior			
Fall	Credits	Spring	Credits
GEOL 479	3	GEOL 356	5
GEOL 368	4	Foreign Language	3-4
Agron/Astronomy/EnSci Choice ¹	3	Agron/Astronomy/EnSci Choice ¹	3
Foreign Language	3-4	Social-Science Choice	3
	13-14		14-15
			6
Senior			
Fall	Credits	Spring	Credits
Agron/Astronomy/EnSci Choice ¹	2	Electives	9
Arts-and-Humanities Choice	3	Arts-and-Humanities Choice	3
Social Science Choice	3	Social-Science Choice	3
ENGL 309 or 302 or 314 or JL MC 347	3		
Elective	3-4		
	14-15		15
Total Credits: 128-132			

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses.

LAS majors require a minimum of 120 credits, including a minimum of 45 credits at the 300/400 level. At least 8 credits in the major from 300+ courses must earn grade C or better. The average grade of all courses in the major must be 2.0 or higher. You must also complete the LAS foreign language requirement.

1 Choose from list of approved courses available from an adviser or departmental office.

Economics, B.S.

Freshman			
Fall	Credits	Spring	Credits
ECON 101		3 ECON 102	3
ENGL 150		3 ECON 207 ^a	3

LIB 160	1 Arts and Humanities	3	Texts & Lang. Course 200-level (Group A) *	3 Natural Science Choice	3
MATH 160 ^a	4 Natural Science	3	Humanities Choice	3 ENGL 340s/352 - US Diversity *	3
Arts and Humanities	3 Social Science	3			
Natural Science	3				
	17	15	Junior		15
Sophomore			Fall	Credits Spring	Credits
Fall	Credits Spring	Credits	ENGL Advanced Communication (Group C) *	3 Crit. Reading & Text. Analysis (Group B) *	3
ECON 301	4 ECON 302	3		3 ENGL Elective 400+ (Group D) *	3
ENGL 250	3 STAT 326 ^b	3	Texts & Lang. Course 200-level (Group A) *		
STAT 226 ^b	3 Elective or Foreign Language	4		3 Electives/ Courses in Minor	6
LAS 201 or Elective	1 Social Science	3	ENGL Elective 300+ (Group D) *	3 ENLG Elective 300+ (Group D) *	3
Elective or Foreign Language	4 Natural Science	2	Elective/Course for Minor		
	15	15			
Junior			Fall	Credits Spring	Credits
Fall	Credits Spring	Credits	ENGL 400+ (Group D) *	3 Electives	15
ECON 371	4 ECON 400-489	3	Electives	3 ENGL 497	1
ECON (from approved list)	3 Electives	9	Electives/Course for Minor		
Arts and Humanities	3 International or Diversity	3			
Elective	2				
International or Diversity	3				
	15	15			
Senior			Fall	Credits Spring	Credits
Fall	Credits Spring	Credits	ENGL 400+ (Group D) *	3 Electives	15
ECON 400-489	3 ECON 400-489	3	Electives	3 ENGL 497	1
ENGL 302 or 314	3 ECON 492	0	Electives/Course for Minor		
Arts and Humanities	3 Electives	11			
Electives	6				
	15	14			
Total Credits: 121			Total Credits: 122		

* See English Adviser for a list of courses suited to major groups A, B, C, & D and other distributed requirements that must be met.

See English Adviser for a list of courses suited to major groups A, B, C, & D and other distributed requirements that must be met.

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses. Discuss with your adviser how the two courses that you select can be applied to your graduation plan.

Students in all ISU majors must complete a three-credit course in both U.S. diversity and in International Perspectives. The two courses may simultaneously meet the following graduation requirements: Social Science, Arts/Humanities, ECON 400-489, or Econ courses from approved list. Please discuss with our advisor.

LAS majors require a minimum of 120 credits, **including a minimum of 45 credits at the 300/400 level**. Three of the required 45 credits at the 300+ level must be earned in a general education group outside the group of your major. Econ majors must meet or complete the LAS foreign language requirement. In addition, Econ majors must earn a minimum of 15 credits from courses taught by the Department of Economics at ISU.

- a MATH 165 (Calculus I) and MATH 166 (Calculus II) may be substituted for MATH 160 and ECON 207.
- b STAT 341 (Introduction to Theory of Probability & Stats I) and STAT 342 (Introduction to Theory of Probability & Stats II) may be substituted for STAT 226 and 326.

English, B.A., B.S.

Freshman			Freshman		
Fall	Credits Spring	Credits	Fall	Credits Spring	Credits
ENGL 150	3 Social Science Choice	3	ENGL 150 or waiver	3 Science Choice	3
Humanities Choice	3 Natural Science Choice	3	Humanities Choice	3 Humanities Choice	3
Social Science Choice	6 Humanities Choice	3	PSYCH 230	3 MATH 104, 105 or 150+, or STAT 101, 104	3
Foreign Language/Elective	4 Math Choice	3	POL S 215	3 Foreign Language 102 or waiver	4
LIB 160	1 Foreign Language/ Elective	4	Foreign Language 101 or waiver	4 C I 204	3
				LIB 160	1
	17	16		16	17
Sophomore			Sophomore		
Fall	Credits Spring	Credits	Fall	Credits Spring	Credits
ENGL 250	3 Texts & Lang. Course 200-level (Group A) *	3	ENGL 220	3 ENGL 225-228	3
Texts & Lang. Course 200-level (Group A) *	3 Crit. Reading & Text. Analysis (Group B) *	3	ENGL 250	3 ENGL 396	3
Natural Science Group	3 Texts & Lang. Course 200-level (Group A) *	3	ENGL 260	3 Science Choice	3
			ENGL 225-228	3 C I 202	3
			Humanities Choice	3 ENGL 219	3
			SP CM 212 or THRE 358	3 Crit Reading & Text Analysis (Group B)	3
			Maintain 2.5+ GPA		
			Take Praxis Exam - score must be above 522 with no score below 170		
				18	18
			Junior		
			Fall	Credits Spring	Credits
			ENGL 420	3 C I 333/PSYCH 333	3
			ENGL 302-306, 309 OR 314-316	3 ENGL 340 Series	3
			ENGL 354	3 SP ED 401	3
			ENGL 225-228	3 ENGL 397	3
			C I 395	3 ENGL 225-228	3

Science Choice	2 C I 280A	2
	17	17
Senior		
Fall	Credits Spring	Credits
ENGL 494	3 ENGL 417E	16
C I/ENGL 353	3 ENGL 497	1
C I 406	3	
C I 280A	2	
C I 426	3	
	14	17
Total Credits: 134		

Environmental Science, B.S.

Freshman			
Fall	Credits Spring	Credits	
ENGL 150	3 BIOL 211	3	
ENSCI 110 ¹	1 BIOL 211L or Elective	1	
ENSCI 201 ¹	2 CHEM 178	3	
CHEM 177	4 CHEM 178L	1	
CHEM 177L	1 MATH 160, 165, or 181	4	
STAT 101 or 104	3 Arts and Humanities choice ²	3	
LIB 160	1		
	15	15	
Sophomore			
Fall	Credits Spring	Credits Summer	Credits
ENSCI 250 ¹	3 Organic Chemistry Choice ³	3 Consider field experience such as an internship or field station courses.	
Social Science Choice ²	3 Earth Science Choice ³	3	
PHYS 115	4 Arts and Humanities Choice ²	3	
ENGL 250	3 Social Science Choice ²	3	
Elective	3 Elective	3	
	16	15	0
Junior			
Fall	Credits Spring	Credits Summer	Credits
ENSCI 381 ¹	3-4 ENSCI 382 ¹	3 Consider field experience such as an internship or field station courses.	
Environmental Science Choice ¹	3 Environmental Science Choice ¹	3	
Arts and Humanities Choice ²	3 Arts and Humanities Choice ²	3	
Elective	3 Elective	3	
Elective	3 Elective	3	
	15-16	15	0
Senior			
Fall	Credits Spring	Credits	
Environmental Science Choice ¹	3 Environmental Science Choice ¹	3	
Social Science Choice ²	3 Environmental Science Choice ¹	3	
Elective	3 Elective	3	
Elective	3 Elective	3	
Elective	3 Elective	3	
	15	15	
Total Credits: 121-122			

Students in all ISU majors must complete a 3 credits in U.S. diversity and a 3 credits in international perspectives. Check the Environmental Science website (<http://www.ensci.iastate.edu>) for a list of approved courses.

Minimum of 120 credits required, including a minimum of 45 credits at the 300/400 level.

- Students complete at least 2-7 credits in Environmental Science including ENSCI 110, 201, 250, 381, 382 and 15 additional credits of approved ENSCI coursework.
- Students complete at least 12 credits in arts and humanities and 9 credits in social science from approved lists. These credits can also be used to meet the U.S. Diversity and International Perspectives requirements.
- Students choose one course from the following Earth Science related courses: AGRON 151, AGRON 260, BIOL 212, GEOL 100, GEOL 201, MTEOR 206. Students choose from one of the following Organic Chemistry options: CHEM 231 & 231L, BBMB 2221, or AGRON 259X.

Environmental Studies, B.A. B.S. Genetics, B.S.

Freshman			
Fall	Credits Spring	Credits	
ENGL 150 or 250	3 ENGL 250 or Humanities Choice	3	
GEN 110	1 LIB 160	1	
BIOL 211	3 BIOL 212	3	
BIOL 211L	1 BIOL 212L	1	
CHEM 177	4 CHEM 178	3	
CHEM 177L	1 CHEM 178L	1	
Math/Stat choice or Social Science choice	3-4 Math/Stat choice	3-4	
	16-17	15-16	
Sophomore			
Fall	Credits Spring	Credits Summer	Credits
BIOL 313	3 Humanities Choice	3 Consider Internship, Study Abroad	
BIOL 313L	1 BIOL 314	3	
CHEM 331	3 CHEM 332	3	
CHEM 331L	1 CHEM 332L	1	
Social Sciences Choice	3 MICRO 302	3	
Math/Stat Choice*	3-4 Math/Stat Choice or Social Sciences*	3	
	14-15	16	0
Junior			
Fall	Credits Spring	Credits Summer	Credits
GEN 409	3 GEN 410	3 Consider Research with Faculty	
PHYS 111	5 PHYS 112	5	
GEN 490R	3 BIOL 315	3	
U.S. Diversity/Social Sciences Choice	3 International Perspective/Humanity	3	
ENGL 302-316	3 GEN 491	1	
	17	15	0
Senior			
Fall	Credits Spring	Credits	
GEN 490R	3 GEN 462	3	
Elective or STAT 401	3 Elective or STAT 401	3	
Humanity/Social Bridge	3 BBMB 405	3	
BBMB 404	3 Social Sciences Choice or Elective	3	
Elective	0-3 Elective	0-3	
	12-15	12-15	
Total Credits: 117-126			

* STAT 401 is best taken as a senior.

Geology, B.S.- Traditional

Geology - Traditional Option

Freshman			
Fall	Credits Spring	Credits	
ENGL 150	3 GEOL 102	3	
GEOL 100	3 GEOL 102L	1	
GEOL 100L	1 CHEM 178	3	
CHEM 177	4 CHEM 178L	1	
CHEM 177L	1 MATH 166 or 182	4	
MATH 165 or 181	4 Arts-and-Humanities Choice	3	
LIB 160	1		
	17	15	
Sophomore			
Fall	Credits Spring	Credits	
ENGL 250	3 GEOL 365	3	
GEOL 315	3 Arts-and-Humanities Choice	3	
GEOL 315L	1 PHYS 112	5	
GEOL 316	2 Science/Engineering/ Mathematics Choice ¹	3	
PHYS 111	5 Elective	3-4	
Science/Engineering/ Mathematics Choice ¹	3		
	17	17-18	
Junior			
Fall	Credits Spring	Credits Summer	Credits
GEOL 479	3 GEOL 356	5 GEOL 302	6

GEOL 368	4 Foreign Language/Elective	3-4
Geology Choice ¹	3 Geology Choice ¹	3
Foreign Language/Elective	3-4 Social-Science Choice	3
	13-14	14-15
Senior		
Fall	Credits Spring	Credits
Geology Choice ¹	3 Elective	3
Arts-and-Humanities Choice	3 Arts-and-Humanities Choice	3
Social-Science Choice	3 Social-Science Choice	3
ENGL 309 or 302 or 314 or JL MC 347	3 Elective	3
	12	12

Total Credits: 123-126

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses. Discuss with your adviser how the two courses that you select can be applied to your graduation plan.

LAS majors require a minimum of 120 credits, including a minimum of 45 credits at the 300/400 level. At least 8 credits in the major from 300+ courses must earn grade C or better. The average grade of all courses in the major must be 2.0 or higher. You must also complete the LAS foreign-language requirement.

- 1 Choose from list of approved courses available from an adviser or the departmental office.

Geology, B.S. - Env-Geol/Hydro Option

Geology - Environmental-Geology/Hydrogeology Option

Freshman				
Fall	Credits Spring	Credits		
ENGL 150	3 GEOL 102	3		
GEOL 100	3 GEOL 102L	1		
GEOL 100L	1 CHEM 178	3		
CHEM 177	4 CHEM 178L	1		
CHEM 177L	1 MATH 166 or 182	4		
MATH 165 or 181	4 Social-Science Choice	3		
LIB 160	1			
	17	15		
Sophomore				
Fall	Credits Spring	Credits		
ENGL 250	3 Arts-and-Humanities Choice	3		
GEOL 315	3 Social-Science Choice	3		
GEOL 315L	1 PHYS 112	5		
GEOL 316	2 Foreign Language/Elective	3-4		
PHYS 111	5			
Foreign Language/Elective	3-4			
	17-18	14-15		
Junior				
Fall	Credits Spring	Credits Summer	Credits	
GEOL 411	4 GEOL 356	5 GEOL 302	6	
GEOL 368	4 Arts-and-Humanities Choice	3		
Arts-and-Humanities Choice	3 Science/Engineering/ Mathematics Choice ¹	3		
GEOL 479	3 Elective	3-4		
	14	14-15	6	
Senior				
Fall	Credits Spring	Credits		
Geology Choice ¹	3 Elective	3		
GEOL 419 or GEOL 426 or elective ¹	3 GEOL 434 or elective ¹	3		
Science/Engineering/ Mathematics Choice ¹	3 Arts-and-Humanities choice	3		
ENGL 309 or 302 or 314 or JL MC 347	3 Social-Science Choice	3		
	Elective	3		
	12	15		

Total Credits: 124-127

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses. Discuss with your adviser how the two courses that you select can be applied to your graduation plan.

LAS majors require a minimum of 120 credits, including a minimum of 45 credits at the 300/400 level. At least 8 credits in the major from 300+ courses must earn grade C or better. The average grade of all courses in the major must be 2.0 or higher. You must also complete the LAS foreign-language requirement.

- 1 Choose from list of approved courses available from an adviser or the departmental office.

History, B.A.

Freshman				
Fall	Credits Spring	Credits		
ENGL 150	3 History Choice - 200 Level	3		
LIB 160	1 Math Choice	3		
History Choice - 200 Level	3 Humanities Choice	3		
Humanities Choice	3 Natural Science Choice	3		
Natural Science Choice	3 Social Science Choice	3		
Social Science Choice	3			
	16	15		
Sophomore				
Fall	Credits Spring	Credits		
ENGL 250	3 History Choice - 200/300 Level	3		
History Choice 200/300 Level	3 Social Science Choice	3		
Foreign Language/Elective	4 Foreign Language/ Elective	4		
Humanities Choice	3 Natural Science Choice	2		
Elective	2.5 Elective	3		
	15.5	15		
Junior				
Fall	Credits Spring	Credits		
History Choice - 300/400 Level	3 History Choice - 300/400 Level	3		
History Choice 300/400 Level	3 History Choice - 300/400 Level	3		
Electives	9 Electives	8		
	15	14		
Senior				
Fall	Credits Spring	Credits		
History Choice 400 Level	3 HIST 495	3		
History Choice 400 Level	3 History Choice - 400 Level	3		
Electives	9 Electives	9		
	15	15		

Total Credits: 120.5

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses. Discuss with your adviser how the two courses that you select can be applied to your graduation plan.

LAS majors require a minimum of 120 credits, **including a minimum of 45 credits at the 300/400 level**. For a history major, 15 credits of history at the 300/400 -level must be taken at ISU. You must also complete the LAS foreign language requirement.

The BA in History requires the equivalent of 2 years of college-level study in the same foreign language. Six credits of electives may be replaced by 6 additional credits of foreign language.

History, B.S.

Freshman				
Fall	Credits Spring	Credits		
ENGL 150	3 C I 204	3		
LIB 160	1 MATH 104, 105, 150+ or STAT 101, 104	3		
HIST 221	3-5 HIST 222	3		
Humanities Choice	3 Natural Science Choice	4		
Natural Science Choice	4 PSYCH 230	3		
POL S 215	3			
	17-19	16		

Sophomore		
Fall	Credits Spring	Credits
ENGL 250	3 POL S 241 or 251	3
HIST 201	3 HIST 202	3
Foreign Language/Elective	4 Foreign Language/Elective	4
Humanities Choice	3 SP CM 212, SP CM 313, or THRE 358	3
C I 202	3 Humanities Choice	3
C I 280L	.5 Turn in UTEP application first week of semester for Spring admissions. See UTEP coordinator about required international experience.	
C I 219	1	1
	17.5	16
Junior		
Fall	Credits Spring	Credits
History Choice - 300/400 Level	3 History Choice - 300/400 Level	3
History Choice - 300/400 Level	3 History Choice - 300/400 Level	3
C I 280A	2 History Choice - 400 Level	3
POL S 300+ Choice	3 POL S 300+ Level	3
POL S 300+ Choice	3 C I 406	3
C I 333	3 C I 426	3
	17	18
Senior		
Fall	Credits Spring	Credits
HIST 495	3 C I 417A	8
History Choice 400 Level	3 C I 417P	8
History Choice - 300/400 Level	3	
SP ED 401	3	
C I 498	3	
C I 480A	2	
	17	16

Total Credits: 134.5-136.5

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses. Discuss with your adviser how the two courses that you select can be applied to your graduation plan.

LAS majors require a minimum of 120 credits, **including a minimum of 45 credits at the 300/400 level**. For a history major, 15 credits of history at the 300/400 level must be taken at ISU. You must also complete the LAS foreign language requirement.

Interdisciplinary Studies, B.A., B.S.

(<http://www.las.iastate.edu/academics/interdisciplinarystudies.shtml>)

Interdisciplinary Studies, B.A. (<http://www.las.iastate.edu/academics/interdisciplinarystudies.shtml>)

Interdisciplinary Studies in Criminology and Criminal Justice

Freshman		
Fall	Credits Spring	Credits
ENGL 150	3 Interdisciplinary Perspectives Choice	3
LIB 160	1 POL S 215/ Social Science	3
SOC 134	3 Social Science Choice	3

PHIL 230	3 Natural Science Choice	3
CJ ST 240	3 Humanities Choice	3
CJ ST 241	3	
SOC 115	0	
	16	15
Sophomore		
Fall	Credits Spring	Credits
SOC 327, 328, 330, or 331	3 CJ ST/SOC 340, 341, or 401	3
Foreign Language/International Perspective	4 Foreign Language/International Perspective	4
Humanities Choice	3 CJ ST/SOC 351, 352, 402, or 484	3
Natural Science Choice	2 Interdisciplinary Perspectives Choice	3
ENGL 250	3 Social Science Choice	3
	15	16
Junior		
Fall	Credits Spring	Credits
Elective	3 SOC 302	3
STAT 101	4 CJ ST 320 or 332 or PSYCH 383	3
Humanities Choice	3 Electives	9
Interdisciplinary Studies Choice	3	
Natural Science Choice	3	
	16	15
Senior		
Fall	Credits Spring	Credits
ENGL 302, 309 or 34	3 CJ ST 460	3-12
Electives	12 Electives	3-12
	15	6-24

Total Credits: 114-132

LAS majors require a minimum of 120 credits, including a minimum of 45 credits at the 300/400 level.

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses.

International Studies, B.A., B.S . Journalism and Mass Communication, B.A., B.S .

Freshman		
Fall	Credits Spring	Credits
ENGL 150	3 U.S Diversity	3
JL MC 110	1 LIB 160	1
JL MC 101	3 Arts and Humanities	3
Arts and Humanities	3 Social Science	3
Natural Science	3 Natural Science	3
Social Science	3 Elective	3
	16	16
Sophomore		
Fall	Credits Spring	Credits
ENGL 250	3 JL MC 201	3
Social Science	3 JL MC 220 - 354	3
Foreign Language or Elective	4 Foreign Language or Elective	4
Natural Science	2 Arts and Humanities	3
Elective	3 Elective	1
	15	14
Junior		
Fall	Credits Spring	Credits Summer
JL MC 202, 206 or 321	3 JL MC 200 - 354	3 JL MC 499
Arts and Humanities	3 JL MC - 400-level	3
DAC	3 DAC	3
DAC	3 DAC - 300+	3
Elective - 300+	3 STAT 101	4
	15	16
		3

Senior		
Fall	Credits Spring	Credits
JL MC 220 - 354	3 JL MC 220 - 34	3
JL MC 460	3 400-level	3
DAC - 300+	3 DAC - 300+	3
International Perspectives - 300+	3 DAC - 300+	3
Elective - 300+	3	
	15	12

Total Credits: 122

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses.

LAS majors require a minimum of 120 credits, **including a minimum of 45 credits at the 300-level and above**. Students must also complete the LAS foreign language requirement and any high school unmet admission requirements.

- Students must pass the School administered English Usage Test (EUT) in accordance with the following guidelines:
 - Students entering the School as freshmen pre-advertising or pre-journalism and mass communications majors, whose entrance is not accompanied by a pre-entrance score on the ACT-E of 26 or higher, or an SAT-V score of 590 or higher, will have one calendar year from the start of their first term as a Pre-Advrt or Pre-JI MC major to meet the requirement for the English Usage Test.
 - Students entering the School as transfer students, either from other institutions or from within Iowa State, must pass the School's English Usage Test or provide evidence of having received a score on the ACT-E of 26 or higher, or SAT-V of 590 or higher, by the end of their second full academic term in the School as a pre-major.
- JL MC majors need a broad-based academic background that the School seeks to ensure by requiring a Designated Area of Concentration (DAC) made up of 21 credits with at least 12 credits from the 300-level or above of coursework outside Greenlee. The DAC is a secondary area of expertise make up of courses selected and designed by the student, with adviser approval, to complement the student's academic and career interest. A second major outside of Advrt or JI MC may substitute for the DAC.

Liberal Studies, B.L.S . Linguistics, B.A.

Freshman			
Fall	Credits Spring	Credits	
ENGL 150	3 LING 101	1	
LIB 160	1 Humanities Choice	3	
Foreign Language/Elective	4 Math Choice	3	
LING 119	3 PSYCH 101	3	
LING 120	3 Foreign Language/Elective	4	
Natural Science Choice	3		
	17	14	
Sophomore			
Fall	Credits Spring	Credits	
ENGL 250	3 LING 371	3	
LING 219	3 Foreign Language 202	4	
ANTHR 201	3 LING 220	3	
Humanities Choice	3 Humanities Choice	3	
Foreign Language 201	4 Social Science Choice	3	
	16	16	
Junior			
Fall	Credits Spring	Credits	
LING 309	3 LING 207	3	
LING 437	3 LING 413	3	
ENGL 305, 314 or WLC 370-378	3 LING 420	3	
Natural Science Choice	3 Natural Science Choice	3	
Elective	3 Elective	3	
	15	15	
Senior			
Fall	Credits Spring	Credits	
LING Area of Concentration	3 LING Area of Concentration	3	
U.S. Diversity	3 Electives	10	

Electives	9	
	15	13
Total Credits: 121		

LAS majors require a minimum of 120 credits, including a minimum of 45 credits at the 300/400 level

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses.

Mathematics, B.S.

Without Teacher Certification

Freshman			
Fall	Credits Spring	Credits	
ENGL 150	3 MATH 166	4	
LIB 160	1 General Education/Electives/Foreign Language	11	
MATH 165	4		
General Education/Electives/Foreign Language	6		
MATH 101	1		
	15	15	
Sophomore			
Fall	Credits Spring	Credits	
ENGL 250	3 MATH 267	4	
MATH 265	4 MATH 317	4	
MATH 201	3 General Education/Electives	7	
General Education/Electives	5		
	15	15	
Junior			
Fall	Credits Spring	Credits	
MATH 301	3 MATH 302 ¹	3	
MATH 414	3 MATH 415 ¹	3	
ENGL 302, 305, 314, or JL MC 201	3 General Education/Electives	9	
General Education/Electives	6		
	15	15	
Senior			
Fall	Credits Spring	Credits	
Math Choice - 300/500 Level	3 Math Choice - 300/500 Level	3	
Math Choice - 300/500 Level	3 MATH 492	2	
General Education/Electives	9 General Education/Electives	10	
	15	15	
Total Credits: 120			

Students in all ISU majors must meet the U.S. Diversity and the International Perspectives requirements. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses. These courses may be courses that apply to other requirements.

The LAS General Education requirements for Mathematics majors are 12 credits Arts and Humanities, 8 credits Natural Science, and 9 credits Social Science from the approved lists: <http://www.las.iastate.edu/academics/generaleducation/>.

LAS majors require a minimum of 120 credits, including a minimum of 45 credits at the 300/400 level. Three of the required 45 300+ level credits must be earned in a general educational group outside the group of the major. Students must also meet the LAS foreign-language requirement and complete any unmet admission requirements.

- Or other mathematics choice at the 300+ level. But the program must include MATH 301, MATH 414, and one of the two-course sequences 301, 302; 414, 415; or 435, 436; or 373, 481.

Mathematics, B.S.

With 5-12 Teacher Certification

Freshman			
Fall	Credits Spring	Credits	
ENGL 150	3 MATH 166	4	

LIB 160	1 C I 204	3	Sophomore		
MATH 165	4 C I 219	1	Fall		
PSYCH 230	3 C I 280L	0.5	MATH 265	Credits Spring	Credits
MATH 101	1 COM S 107, 207, or 227	3	MTEOR 201	4 MATH 266	3
General Education	6 General Education	6	ENGL 250	0 MTEOR 301	4
			PHYS 222	3 STAT 105	3
			SP CM 212	5 COM S 207	3
				3 Humanities/ Social Science Choice	3
Sophomore	18	17.5			
Fall	Credits Spring	Credits	Junior	15	16
ENGL 250	3 MATH 266 or 267	3-4	Fall	Credits Spring	Credits
MATH 265	4 MATH 317	4	MTEOR 311	2 MTEOR 342	3
MATH 201	3 PSYCH/C I 333	3	MTEOR 341	3 MTEOR 443	3
C I 202	3 STAT 101L	3	Foreign Language/Elective	4-3 Foreign Language/ Elective	4-3
General Education	4 General Education	3	Humanities/Social Science Choice	3 ENGL 309	3
Take Praxis-I by October 15	2.5 GPA for Admission to Teacher Ed		Humanities/Social Science	3 Humanities/ Social Science Choice	3
	17	16-17		15-14	16-15
Junior	Credits Spring	Credits	Senior	Credits Spring	Credits
Fall	Credits Spring	Credits	Fall	Credits Spring	Credits
MATH 301	3 MATH 436	3	MTEOR 411	3 MTEOR 417	3
MATH 435	3 MATH 342 ¹	3	MTEOR 454	3 MTEOR 432	3
MATH 341	3 MATH 397	3	MTEOR 499	2 Meteorology Elective/ Elective Choice ^{2,3}	3
ENGL 302, 305, 314, or JL MC 201	3 C I 426	3	Meteorology Elective/elective Choice ^{2,3}	3 Meteorology Elective/ Elective Choice ^{2,3}	3
C I 406	3 General Education C I 280A	4 1	Meteorology Elective/Elective choice ^{2,3}	3 Humanities/ Social Science Choice	3
	15	17		14	15
Senior	Credits Spring	Credits			
Fall	Credits Spring	Credits			
MATH 414	3 C I 417C	14			
MATH 497	3				
C I 480C	2				
General Education	3				
SP ED 401	3				
COM ST 102, SP CM 212, 313, or THTRE 358	3				
	17	14			
Total Credits: 124-122					

Total Credits: 131.5-132.5

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses. Discuss with your adviser how the two courses that you select can be applied to your graduation plan.

LAS majors require a minimum of 120 credits, including a minimum of 45 credits at the 300/400 level. Three of the required 45 300+ level credits must be earned in a general education group outside the group of your major. You must also complete the LAS foreign language requirement and any high school unmet admissions requirements.

Students pursuing licensure to teach grades 5 – 12 must meet the general education and professional teacher education requirements established by the University Teacher Education Program. (Check <http://www.education.iastate.edu/te/>) for the requirements.

¹ Recommended

Meteorology, B.S. - plan 1.

Path 1 for students preparing to start in calculus

Freshman		
Fall	Credits Spring	Credits
CHEM 163 or 177 ¹	4 MTEOR 206	3
CHEM 163L or 177L ¹	1 MATH 166	4
ENGL 150	3 PHYS 221	5
LIB 160	1 Humanities/ Social Science Choice	3
MATH 165	4	
MTEOR 111	1	
MTEOR 112	1	
Humanities/Social Science Choice	3	
	18	15

LAS majors require a minimum of 120 credits, including a minimum of 45 credits at the 300/400 level. You must also complete the Communication Proficiency and LAS World Language Requirements. Six semesters of one foreign language in high school satisfies the World Language requirement.

Students in all ISU majors must complete a 3 credit course in U.S. diversity and a 3 -credit course in international perspectives. Discuss with your adviser how the two courses that you select can be applied to address general education requirements. Check for a list of approved courses at: <http://www.registrar.iastate.edu/courses/div-ip-guide.html>

- Students taking CHEM 177 should plan to take CHEM 178 as well.
- Student must select at least 9 credits from a list of optional courses.
- Students should select a humanities or social science course based on need. If these LAS requirements have been satisfied, students may select a meteorology elective or alternate course. Students should discuss possible alternate course options with their adviser.

Meteorology, B.S. - plan 2

Path 2 for students needing preparatory mathematics

Freshman		
Fall	Credits Spring	Credits
ENGL 150	3 MATH 165	4
CHEM 163	4 MTEOR 206	3
CHEM 163L	1 SP CM 212	3
LIB 160	1 Humanities/ Social Science Choice	3
MATH 140	3 Humanities/ Social Science Choice	3
MATH 142	3	
MTEOR 112	1	
	16	16
Sophomore		
Fall	Credits Spring	Credits
MATH 166	4 MATH 265	4
MTEOR 111	1 MTEOR 301	4
MTEOR 201	0 PHYS 222	5

COM S 207	3	STAT 105	3		(Continuation Examination)	
PHYS 221		5				
ENGL 250		3			14	16
	16		16	Junior		
Junior				Fall	Credits Spring	Credits
Fall	Credits Spring	Credits		MUSIC 319	2 World Language/Elective	4
MTEOR 311	2 MTEOR 342	3		Music Elective	3 Arts & Humanities	3
MTEOR 341	3 MTEOR 443	3		World Language/Elective	4 Natural Science	3
Foreign Language/Elective	4-3 Foreign Language/Elective	4-3		Natural Science	3 Electives	6
Humanities/Social Science Choice	3 ENGL 309	3		Social Science	3	
MATH 266	3 Humanities/Social Science Choice	3			15	16
	15-14		16-15	Senior		
Senior				Fall	Credits Spring	Credits
Fall	Credits Spring	Credits		Music Elective	1 Natural Science	2
MTEOR 411	3 MTEOR 417	3		Arts & Humanities	3 Electives	12
MTEOR 454	3 MTEOR 432	3		Social Science	3	
MTEOR 499	2 Meteorology Elective/Elective Choice ^{2,3}	3		Electives	9	
	3 Meteorology Elective/Elective Choice ^{2,3}	3			16	14
Meteorology Elective/Elective Choice ^{2,3}	3 Humanities/Social Science Choice	3				
	3 Meteorology Elective/Elective Choice ^{2,3}	3				
Meteorology Elective/Elective Choice ^{2,3}	3 Humanities/Social Science Choice	3				
	14		15			
				Total Credits: 121		

Total Credits: 124-122

LAS majors require a minimum of 120 credits, including a minimum of 45 credits at the 300/400 level. You must also complete the Communication Proficiency and LAS World Language Requirements. Six semesters of one foreign language in high school satisfies the World Language requirement. Students in all ISU majors must complete a 3 credit course in U.S. diversity and a 3 credit course in international perspectives. Discuss with your adviser how the two courses that you select can be applied to address general education requirements. Check for a list of approved courses at: <http://www.registrar.iastate.edu/courses/div-ip-guide.html>

- Students taking CHEM 177 should plan to take CHEM 178 as well.
- Student must select at least 9 credits from a list optional courses.
- Students should select a humanities or social science course based on need. If these LAS requirements have been satisfied, students may select a meteorology elective or alternate course. Students should discuss possible alternate course options with their adviser.

Music, B.A.

Freshman			
Fall	Credits Spring	Credits	
MUSIC 119	2 MUSIC 119	2	
MUSIC 127 ¹	1 MUSIC 120	3	
MUSIC 221	3 MUSIC 128	1	
MUSIC 222	2 MUSIC 231	3	
Music ensemble ²	1 MUSIC 232	1	
ENGL 150	3 Music ensemble ³	1	
LIB 160	1 Arts & Humanities	3	
MATH	3		
	16	14	
Sophomore			
Fall	Credits Spring	Credits	
MUSIC 219	2 MUSIC 219	2	
MUSIC 227 ¹	1 MUSIC 228 ¹	1	
MUSIC 331	3 MUSIC 337	3	
MUSIC 332	1 MUSIC 338	1	
MUSIC 383	3 MUSIC 384	3	
Music: ensemble ²	1 Music: Ensemble ²	1	
ENGL 250	3 Social Science Elective	3	
		2	

- A placement examination in keyboard skills determines the student's placement in the Class Study in Piano courses. Students with a concentration in piano or organ do not take Class Study in Piano. Students not required to take four semesters of class piano will take additional music elective credits.
- Four credits chosen from the following ensembles are required: 111, 113, 115, 141, 151, 161, 191, 321.
- ENGL 150 requires concurrent enrollment in LIB 160.

LAS majors require a minimum of 120 credits, including a minimum of 45 credits at the 300/400 level. The LAS World Language requirements must be met. Courses which may be used for the General Education Requirements can be found at: (<http://www.las.iastate.edu/academics/generaleducation/index.shtml>) All ISU students must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. A list of approved courses can be found at: (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) The courses taken to meet these requirements may also be used to meet other requirements.

Scheduling of the general education requirements where specific courses are not indicated can be flexible. Music courses are best kept in the order/semesters indicated. (Most music courses are offered on semester each year.)

Music, B.Mus. - Composition

Plan of Study Grid

- A placement examination in keyboard skills determines the student's placement in the Class Study in Piano courses. Students with a concentration in piano or organ do not take Class Study in Piano. Students placing out of class piano may need to take additional elective credits to earn the required 124.5 cr. for the BM degree.
- ENGL 150 requires concurrent enrollment in LIB 160.
- Alternate year course, taught in odd number years, spring semester.

The BM degree requires a minimum of 124.5 credits, including a minimum of 45 credits at the 300/400 level. The LAS World Language requirements must be met. Courses which may be used for the General Education Requirements can be found at: (<http://www.las.iastate.edu/academics/generaleducation/index.shtml>) All ISU students must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives (which is satisfied with MUSIC 383). A list of approved courses can be found at: (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) The courses taken to meet these requirements may also be used to meet other requirements.

Some advanced theory and history courses are not offered every semester. Semesters of offerings are listed in the course descriptions in the catalog. The BM in composition requires one advanced history course (3 cr.) and 9 credits of advanced theory from the following courses: 346, 440, 446, 490B, 590I. Advanced theory courses must include 346 or 446.

* The BM degree requires a minimum of 124.5 credits, **including a minimum of 45 credits at the 300/400 level**. The LAS World Language requirements must be met. Courses which may be used for the General Education Requirements can be found at: (<http://www.las.iastate.edu/academics/generaleducation/index.shtml>) All ISU students must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives (which is satisfied with MUSIC 383). A list of approved courses can be found at: (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) The courses taken to meet these requirements may also be used to meet other requirements.

c ENGL 150 requires concurrent enrollment in LIB 160.
The BM degree requires a minimum of 124.5 credits, **including a minimum of 45 credits at the 300/400 level**. The LAS World Language requirements must be met. Courses which may be used for the General Education Requirements can be found at: (<http://www.las.iastate.edu/academics/generaleducation/index.shtml>) All ISU students must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives (which is satisfied with MUSIC 383). A list of approved courses can be found at: (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) The courses taken to meet these requirements may also be used to meet other requirements.

Music, B.Mus. - organ

Freshman		
Fall	Credits Spring	Credits
ENGL 150 ^C	3 Humanities	3
MUSIC 119C	2 Social Science	3
MUSIC 221	3 MUSIC 120	3
MUSIC 222	2 MUSIC 119C	2
Music Ensemble	1 MUSIC 231	3
Math/Natural Science	3 MUSIC 232	1
Social Science	3 Music Ensemble	1
LIB 160	1	1
	18	16
Sophomore		
Fall	Credits Spring	Credits
MUSIC 219C	2 MUSIC 219C	2
MUSIC 331	3 MUSIC 337	3
MUSIC 332	1 MUSIC 338	1
MUSIC 383	3 MUSIC 384	3
Music Ensemble	1 Music Ensemble	1
PHYS 198	3 Humanities	3
ENGL 250	3 General Education Elective	3
	MUSIC 327 (Continuation Examination)	2
	16	18
Junior		
Fall	Credits Spring	Credits
MUSIC 119B	1-3 MUSIC 119C	1
MUSIC 319C	3 MUSIC 319C	3
MUSIC 361	2 MUSIC 415C	2
Music History/Theory - 400 Level*	3 Music History/Theory - 400 Level*	3
Music Ensemble	1 Music Ensemble	1
World Language/Elective	4 World Language/Elective	4
	Math/Natural Science	3
	14-16	17
Senior		
Fall	Credits Spring	Credits
MUSIC 119B	1 MUSIC 119B	1
MUSIC 419C	3 MUSIC 419C	3
Music History/Theory - 400 Level*	3 Music History/Theory - 400 Level*	3
Music Ensemble	1 Music Ensemble	1
Second World Language	4 MUSIC 415C	3
General Education Elective	2 Second World Language	4
	MUSIC 420	0
	14	15

Total Credits: 128-130

Flexibility in scheduling. Many general education courses can easily be taken in different semesters than indicated. Music courses are best kept in the order/semesters indicated. (Most music courses are offered on semester each year.)

* Some advanced theory and history courses (organ major requires 2 of each) are not offered every semester. Semesters of offerings are listed in the course descriptions in the catalog at: <http://www.music.iastate.edu/info/advising>.

Music, B.Mus. - Piano

Freshman		
Fall	Credits Spring	Credits
ENGL 150 ^C	3 Humanities	3
MUSIC 119B	3 MUSIC 119B	3
MUSIC 221	3 MUSIC 231	3
MUSIC 222	2 MUSIC 232	1
Music Ensemble	1 MUSIC 120	3
LIB 160	1 Music Ensemble	1
Math/Natural Science	3	3
	16	14
Sophomore		
Fall	Credits Spring	Credits
MUSIC 219B	1-3 MUSIC 219B	3
MUSIC 331	3 MUSIC 337	3
MUSIC 332	1 MUSIC 338	1
MUSIC 383	3 MUSIC 384	3
Music Ensemble	1 Music Ensemble	1
ENGL 250	3 Elective	2
Elective	2 MUSIC 327	2
MUSIC 219B	3 MUSIC 321 (Continuation Examination)	1
	17-19	16
Junior		
Fall	Credits Spring	Credits
MUSIC 319B	3 MUSIC 319B	3
MUSIC 321	1 MUSIC 321	1
MUSIC 361	2 MUSIC 415B	3
Music History/Theory - 400 Level	3 Music History/Theory - 400 Level	3
Music Ensemble	1 Music Ensemble	1
PHYS 198	3 World Language/Elective	4
World Language/Elective	4	4
	17	15
Senior		
Fall	Credits Spring	Credits
MUSIC 321	1 MUSIC 321	1
MUSIC 419B	3 MUSIC 419B	3
Music Ensemble	1 Music History/Theory - 400 Level*	3
General Education Elective	2 Math/Natural Science	3
General Education Elective	3 Humanities	3
Social Science	3 Social Science	3
MUSIC 415B	2 MUSIC 420	0
	15	16

Total Credits: 126-128

- c ENGL 150 requires concurrent enrollment in LIB 160.

The BM degree requires a minimum of 124.5 credits, **including a minimum of 45 credits at the 300/400 level**. The LAS World Language requirements must be met. Courses which may be used for the General Education Requirements can be found at: (<http://www.las.iastate.edu/academics/generaleducation/index.shtml>) All ISU students must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives (which is satisfied with MUSIC 383). A list of approved courses can be found at: (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) The courses taken to meet these requirements may also be used to meet other requirements.

Flexibility in scheduling. Many general education courses can easily be taken in different semesters than indicated. Music courses are best kept in the order/semesters indicated. (Most music courses are offered on semester each year.)

- * Some advanced theory and history courses (piano major requires 1 history, 2 theory) are not offered every semester. Semesters of offerings are listed in the course descriptions in the catalog at: <http://www.music.iastate.edu/info/advising>.

Music, B.Mus. - strings

Freshman		
Fall	Credits Spring	Credits
ENGL 150 ^C	3 Humanities	3
MUSIC 119D	3 MUSIC 119D	3
MUSIC 221	3 MUSIC 120	3
MUSIC 222	2 MUSIC 128 ¹	1
Math/Natural Science	3 MUSIC 231	3
LIB 160	1 MUSIC 232	1
MUSIC 127 ¹	1	1
	16	14
Sophomore		
Fall	Credits Spring	Credits
MUSIC 219D	3 MUSIC 219D	3
MUSIC 227 ¹	1 MUSIC 228 ¹	1
MUSIC 331	3 MUSIC 321D	1
MUSIC 332	1 MUSIC 337	3
MUSIC 383	3 MUSIC 338	1
MUSIC 181	1 MUSIC 384	3
ENGL 250	3 MUSIC 181	1
	Social Science	3
	(Continuation Examination)	
	15	16
Junior		
Fall	Credits Spring	Credits
MUSIC 321D	1 MUSIC 419D	3
MUSIC 319D	3 MUSIC 321D	1
MUSIC 361	2 Music History/Theory - 400 Level [*]	3
MUSIC 415D	2 MUSIC 181	1
Music History/Theory - 400 Level [*]	3 World Language/Elective	4
MUSIC 181	1 Math/Natural Science Choice	3
World Language/Elective	4	
	16	15
Senior		
Fall	Credits Spring	Credits
MUSIC 321D	1 MUSIC 181	1
MUSIC 419	3 MUSIC 321D	1
MUSIC 181	1 MUSIC 415D	2
PHYS 198	3 MUSIC 419D	3
Social Science	3 Music History/Theory - 400 Level [*]	3
General Education Elective	3 Humanities	3
Elective	2 General Education Elective	2

MUSIC 420 0
16 15

Total Credits: 123

- 1 A placement examination in keyboard skills determines the student's placement in the Class Study in Piano courses. Students not required to take four semesters of class piano will take additional music elective credits.

- c ENGL 150 requires concurrent enrollment in LIB 160.

The BM degree requires a minimum of 124.5 credits, **including a minimum of 45 credits at the 300/400 level**. The LAS World Language requirements must be met. Courses which may be used for the General Education Requirements can be found at: (<http://www.las.iastate.edu/academics/generaleducation/index.shtml>) All ISU students must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives (which is satisfied with MUSIC 383). A list of approved courses can be found at: (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) The courses taken to meet these requirements may also be used to meet other requirements.

Flexibility in scheduling. Many general education courses can easily be taken in different semesters than indicated. Music courses are best kept in the order/semesters indicated. (Most music courses are offered on semester each year.)

- * Some advanced theory and history courses (string major requires 1 history, 2 theory) are not offered every semester. Semesters of offerings are listed in the course descriptions in the catalog at: <http://www.music.iastate.edu/info/advising>.

Music, B.Mus. - voice

Freshman		
Fall	Credits Spring	Credits
ENGL 150 ^C	3 Humanities	3
MUSIC 119A	2 Social Science	3
MUSIC 127 ¹	1 MUSIC 119A	2
MUSIC 221	3 MUSIC 120	3
MUSIC 222	2 MUSIC 128 ¹	1
Music Ensemble	1 MUSIC 231	3
Math/Natural Science	3 MUSIC 232	1
LIB 160	1 Music Ensemble	1
	16	17
Sophomore		
Fall	Credits Spring	Credits
MUSIC 219A	2 MUSIC 219A	2
MUSIC 227 ¹	1 MUSIC 228 ¹	1
MUSIC 331	3 MUSIC 337	3
MUSIC 332	1 MUSIC 338	1
MUSIC 383	3 MUSIC 384	3
Music Ensemble	1 Music Ensemble	1
PHYS 198	3 Humanities	3
ENGL 250	3 General Education Elective	3
	(Continuation Examination)	
	17	17
Junior		
Fall	Credits Spring	Credits
MUSIC 319A	3 MUSIC 319A	3
MUSIC 324 or 415A ²	2 MUSIC 325 or 360 ²	2
MUSIC 361	2 MUSIC 327	2
Music History/Theory - 400 Level	3 Music History/Theory - 400 Level [*]	3
Music Ensemble	1 Music Ensemble	1
World Language/Elective	4 World Language/Elective	4
	Math/Natural Science	3
	15	18

Senior			
Fall	Credits	Spring	Credits
MUSIC 419A	3	MUSIC 419A	3
MUSIC 119B, 119C, or 119K	1	MUSIC 119B, 119C, or 119K	1
MUSIC 415A or 324 ²	2	Music History/Theory - 400 Level [*]	3
Music Ensemble	1	MUSIC 360 or 325 ²	2
Second World Language	4	Music Ensemble	1
Social Science	3	Second World Language	4
General Education Elective	2	MUSIC 420	0
	16		14

Total Credits: 130

- 1 A placement examination in keyboard skills determines the student's placement in the Class Study in Piano courses.
- 2 MUSIC 324 alternate Fall (even numbered years) / MUSIC 325 alternate Spring (odd number years -- same academic year; MUSIC 360 alternate Spring (even numbered years) when 325 is not taught.
- c ENGL 150 requires concurrent enrollment in LIB 160.

The BM degree requires a minimum of 124.5 credits, **including a minimum of 45 credits at the 300/400 level.** The LAS World Language requirements must be met. Courses which may be used for the General Education Requirements can be found at: (<http://www.las.iastate.edu/academics/generaleducation/index.shtml>) All ISU students must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives (which is satisfied with MUSIC 383). A list of approved courses can be found at: (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) The courses taken to meet these requirements may also be used to meet other requirements.

Flexibility in scheduling. Many general education courses can easily be taken in different semesters than indicated. Music courses are best kept in the order/semesters indicated. (Most music courses are offered on semester each year.)

- * Some advanced theory and history courses (voice major requires 1 history, 2 theory) are not offered every semester. Semesters of offerings are listed in the course descriptions in the catalog at: <http://www.music.iastate.edu/info/advising>.

Music, B.Mus. - Wind or percussion instrument

Freshman			
Fall	Credits	Spring	Credits
ENGL 150 ^C	3	Arts and Humanities	3
MUSIC 119	3	Music Ensemble	1
MUSIC 127 ¹	1	MUSIC 119	3
MUSIC 221	3	MUSIC 120	3
MUSIC 222	2	MUSIC 128 ¹	1
Music Ensemble	1	MUSIC 231	3
Social Science	3	MUSIC 232	1
LIB 160 ^C	1		
	17		15

Sophomore			
Fall	Credits	Spring	Credits
MUSIC 219	3	MUSIC 219	3
MUSIC 227 ¹	1	MUSIC 228 ¹	1
MUSIC 331	3	MUSIC 337	3
MUSIC 332	1	MUSIC 338	1
MUSIC 383	3	MUSIC 351/354.355 ²	1-2
Music Ensemble	1	MUSIC 384	3
ENGL 250	3	Music Ensemble	1
		General Education Elective	3

(Continuation Examination)

15 16-17

Junior			
Fall	Credits	Spring	Credits
MUSIC 319	3	MUSIC 319	3
MUSIC 361	2	MUSIC 321	1
MUSIC 415 ²	2	MUSIC 415 ²	2
Music History/Theory - 400 Level [*]	3	Music History/Theory - 400 Level [*]	3
Music Ensemble	1	Music Ensemble	1
Music 352/353 ²	0-1	World Language/Elective	4
World Language/Elective	4	Math/Natural Science	3
	15-16		17

Senior			
Fall	Credits	Spring	Credits
MUSIC 321	1	MUSIC 321	1
MUSIC 419	3	MUSIC 419	3
Music Ensemble	1	Music History/Theory - 400 Level [*]	3
Elective	2	Elective ²	0-2
PHYS 198	3	Arts & Humanities	3
Social Science	3	Math/Natural Science	3
General Education Elective	2	MUSIC 420	0
	15		13-15

Total Credits: 123-127

- 1 A placement examination in keyboard skills determines the student's placement in the Class Study in Piano courses. Students with a concentration in piano or organ do not take Class Study in Piano. Students not required to take four semesters of class piano will take additional elective credits.
- 2 Students take the courses from MUSIC 351-355 and MUSIC 415F/G/I that are in the area (woodwinds, brass, or percussion) of their major instrument. Because of the varied required credits in MUSIC 351-355, brass players are required to take on additional elective credit; percussionists are required to take two additional elective credits.
- c ENGL 150 requires concurrent enrollment in LIB 160.

The BM degree requires a minimum of 124.5 credits, **including a minimum of 45 credits at the 300/400 level.** The LAS World Language requirements must be met. Courses which may be used for the General Education Requirements can be found at: (<http://www.las.iastate.edu/academics/generaleducation/index.shtml>) All ISU students must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives (which is satisfied with MUSIC 383). A list of approved courses can be found at: (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) The courses taken to meet these requirements may also be used to meet other requirements.

Flexibility in scheduling. Many general education courses can easily be taken in different semesters than indicated. Music courses are best kept in the order/semesters indicated. (Most music courses are offered on semester each year.)

- * Some advanced theory and history courses (wind or percussion major requires 1 history, 2 theory) are not offered every semester. Semesters of offerings are listed in the course descriptions in the catalog at: <http://www.music.iastate.edu/info/advising>.

Music, B.Mus. - Vocal: k-12 certification

Freshman			
Fall	Credits	Spring	Credits
MUSIC 119	2	MUSIC 119	2
MUSIC 127 ¹	1	MUSIC 120	3
MUSIC 221	3	MUSIC 128 ¹	1
MUSIC 222	2	MUSIC 231	3
Choral Ensemble	1	MUSIC 232	1
MUSIC 358A ²	0	Choral Ensemble	1
ENGL 150 ^C	3	MUSIC 358A ²	0

HIST 221	3-5	SP CM 212 ^C	3
Math course	3	MUSIC 266 ^C	2
LIB 160 ^C	1	MUSIC 480K ^C	0.5
	19-21		16.5
Sophomore			
Fall		Credits Spring	
MUSIC 219	2	MUSIC 219	2
MUSIC 227 ¹	1	MUSIC 228 ¹	1
MUSIC 331	3	MUSIC 248	2
MUSIC 332	1	MUSIC 337	3
MUSIC 361 (even falls) or PSYCH 230 (off falls) ⁺⁺	2-3	MUSIC 338	1
MUSIC 383	3	Choral Ensemble	1
Choral Ensemble	1	MUSIC 360 (even springs) ⁺⁺	2
MUSIC 358A ²	0	MUSIC 362A (odd springs) or MUSIC 367 (even springs) ⁺	2
ENGL 250	3	MUSIC 384	3
C I 204	3	PSYCH 230 (odd springs) or C I 333 (even springs)	3
PHYS 198	3	MUSIC 358A ² Continuation Exam	0
	22-23		20
Junior			
Fall		Credits Spring	
MUSIC 319	2	MUSIC 319	2
Choral Ensemble	1	MUSIC 327	2
MUSIC 366 ^C	2	Choral Ensemble	1
MUSIC 480K ^C	1	Adv. History/Theory [*]	3
Adv. History/Theory [*]	3	MUSIC 360	2
MUSIC 358A ²	0	MUSIC 362A (odd springs) or MUSIC 367 (even spring) ⁺⁺	2
MUSIC 361 (even falls) or C I 333 (odd falls) ⁺⁺	2-3	MUSIC 358A ⁺	0
SP ED 401 ^C	3	MUSIC 480K	1
World Language	3	World Language General Education - Science	3
	14-15		16
Senior			
Fall		Credits Spring	
MUSIC 419	2	MUSIC 417R	8
MUSIC 466 ^C	2	MUSIC 417S	8
Choral Ensemble	1		
MUSIC 301	3		
MUSIC 465	2		
MUSIC 358A ²	0		
Humanities Requirement	3		
C I 426	3		
MUSIC 480K ^C	1		
C I 406	3		
MUSIC 420	0		
	20		16

Total Credits: 143.5-147.5

- 1 A placement examination in keyboard skills determines the student's placement in the Class Study in Piano courses. Students with a concentration in piano or organ do not take Class Study in Piano.
- 2 Lab Ensemble is required every semester offered: Fall and odd springs.
- c These courses which appear in the same semester must be taken concurrently.

++ Alternate year courses: The usual semester of offering is indicated by the calendar year (odd or even) of the semester. Consult the current catalog and the department web site for up-to-date information about semesters courses are offered. Psych 230 and C I 333 are offered every semester; when they are taken is determined by the schedules of the alternate year music courses.

The LAS World Language requirements must be met. The U.S. diversity and international perspectives requirements are automatically met with courses required for this degree option (C I 406 and MUSIC 383).

* **Advanced theory and history** courses (music education major requires 1 history, 1 theory) are not offered every semester. Semesters of offerings are listed in the course descriptions in the catalog at: <http://www.music.iastate.edu/info/advising>.

Flexibility in scheduling. Many general education courses can easily be taken in different semesters than indicated. Music courses are best kept in the order/semesters indicated (Most music courses are offered on semester each year).

Music, B.Mus. - Instrumental: K-12 Certification

Freshman		Credits Spring	Credits
Fall			
MUSIC 119	2	MUSIC 119	2
MUSIC 127 ¹	1	MUSIC 120	3
MUSIC 221	3	MUSIC 128 ¹	1
MUSIC 222	2	MUSIC 231	3
Ensemble	1	MUSIC 232	1
ENGL 150 ^C	3	MUSIC	1-2
		351/354/355 ^{**}	
LIB 160 ^C	1	MUSIC 358B	0
Gen. Ed. (American History)	3	Ensemble	1
Gen. Ed. (Math)	3	PSYCH 230	3
		MUSIC 266 ^C	2
		Apply to Teacher Education Program	
		MUSIC 480K ^C	0.5
	19		17.5-18.5
Sophomore			
Fall		Credits Spring	Credits
MUSIC 219	2	MUSIC 219	2
MUSIC 227	1	MUSIC 228 ¹	1
MUSIC 331	3	MUSIC 337	3
MUSIC 332	1	MUSIC 338	1
MUSIC 350/352/353 ^{**}	1	MUSIC	1-2
		351/354/355 ^{**}	
MUSIC 358B	0	MUSIC 358B	0
MUSIC 383	3	MUSIC 384	3
Ensemble	1	Ensemble	1
ENGL 250	3	SP CM 212	3
PHYS 198 ^{fall only}	3	MUSIC 248	2
C I 204	3	MUSIC 368 (odd springs) or MUSIC 364 (even springs) or MUSIC 490A (arr.) ⁺⁺	1-2
		Continuation Exam	
	21		18-20
Junior			
Fall		Credits Spring	Credits
MUSIC 319	2	MUSIC 319	2
MUSIC 350/352/353 ^{**}	1	MUSIC	1-2
		351/354/355 ^{**}	
MUSIC 358B	0	MUSIC 362B	2
MUSIC 361	2	MUSIC 358B	0
MUSIC 366 ^C	2	MUSIC 480K	1

MUSIC 480K	1 MUSIC 368 (odd springs) or MUSIC 464 (even springs) or MUSIC 490 (arr.) ⁺⁺	1-2	DANCE 220 THTRE 365 THTRE 451 THTRE 455 THTRE 465	2	THTRE 466 3 Creative Writing - 300+ level 3 THTRE 366 3 English Literature - 300+ level 3	3
Adv. History or Theory [*]	3 Adv. History or Theory [*]	3	Senior			
Ensemble	1 Ensemble	1	Fall		Credits Spring Credits	
SP ED 401 ^C	3 World Language		American Diversity Choice	3	PERF 401	2
PSYCH/C I 333	3 C I 406	3	Arts/Humanities Choice - 300+ leve	3	Literature Choice - 400 Level	3
World Language			Social Science Choice	3	Elective	8
	18	14-16	Theatre Elective	3		
			THTRE 461	4		
				16		13
<hr/>						
			Total Credits: 130			
			Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (http://www.registrar.iastate.edu/courses/div-ip-guide.html) for a list of approved courses. Discuss with your adviser how the two courses that you select can be applied to your graduation plan.			

Total Credits: 139.5-144.5

1 A placement examination in keyboard skills determines the student's placement in the Class Study in Piano courses. Students with a concentration in piano or organ do not take Class Study in Piano.

** Students should take the major area (WW or brass) with which they are least familiar first to gain more experience in lab band. However, WW players planning to gain additional skills on a 2nd WW, might choose to take that area first. Non-WW players should take 351 before 352. 358B must be taken concurrently with each tech course (350-355).

++ Alternate year courses. String players take 490B and 464. WW and brass players take 368 and 464.

^C These courses which appear in the same semester must be taken concurrently.

The LAS world language requirement must be met. The U.S. diversity and international perspectives requirements are automatically met with courses required for this degree option (C I 406 and MUSIC 383).

Many general education and education (C I = Curriculum and Instruction) courses can easily be taken in different semesters than indicated as well as summer. Music courses are best kept in the order/semesters indicated (Most music courses are offered on semester each year).

Performing Arts, B.A .

Freshman

Fall	Credits	Spring	Credits
ENGL 150	3	Social Science Choice	3
PERF 105	0	LIB 160	1
MUSIC 102	3	PERF 105	0
THTRE 251	3	MUSIC 105	3
THTRE 250	1	THTRE 151	3
Natural Science Choice	4	THTRE 255	4
DANCE 130	1	Elective	3
	15		17

Sophomore

Fall	Credits	Spring	Credits	Summer	Credits
PERF 105	0	PERF 105	0	PERF 310	0
ENGL 250	3	THTRE 351	3		
MUSIC 290F	0	ENGL 300+	3		
THTRE 250	1	Social Science Choice	3		
Elective	3	THTRE 263	3		
Math Choice	3	DANCE 270	3		
Natural Science Choice	4				
	14		15		0

Junior

Fall	Credits	Spring	Credits	Summer	Credits
PERF 105	0	PERF 105	0	THTRE 499	6
Foreign Language/Elective	4	Foreign Language/Elective	4		

Philosophy, B.A.

Freshman

Fall	Credits	Spring	Credits
ENGL 150	3	Social Science Choice	3
LIB 160	1	Philosophy Choice	3
PHIL 201	3	Foreign Language/ Elective	4
Foreign Language/Elective	4	Humanities Choice	3
Humanities Choice	3	Math Choice	3
Social Science Choice	3		
	17		16

Sophomore

Fall	Credits	Spring	Credits
PHIL 310	3	History of Philosophy - 17th/18th Century Choice	3
Philosophy Choice	3	Elective	3
Humanities Choice	3	Natural Science Choice	4
Natural Science Choice	4	Social Science Choice	3
ENGL 250	3	PHIL 207	3
	16		16

Junior

Fall	Credits	Spring	Credits
PHIL 330	3	Philosophy Choice - 300/400 Level	3
Philosophy Choice	3	Elective	3
PHIL 364 or PHIL 380	3	Elective	3
Electives	6	Elective	3
	15		15

Senior

Fall	Credits	Spring	Credits
Philosophy Choice - 400 Level	3	Philosophy Choice - 400 Level	3
Philosophy Choice - 300/400 Level	3	Elective	3
Electives	6	Elective	7.5
		PHIL 492	0
	12		13.5

Total Credits: 120.5

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses. Discuss with your adviser how the two courses that you select can be applied to your graduation plan.

LAS majors require a minimum of 120 credits, **including a minimum of 45 credits at the 300/400 level**. Three of the required 45 300+ level credits must be earned in a general education group outside the group of the major. You must also complete the LAS foreign-language requirement.

Physics, B.S

Freshman		
Fall	Credits Spring	Credits
ENGL 150	3 PHYS 242	5
PHYS 199	0 MATH 166	4
PHYS 241	5 Social Science Choice	3
MATH 165	4 Humanities Choice	3
Natural Science Choice	5	
LIB 160	1	
	18	15
Sophomore		
Fall	Credits Spring	Credits
ENGL 250	3 PHYS 306	3
PHYS 321	3 PHYS 322	3
PHYS 321L	1 PHYS 322L	1
MATH 265	4 MATH 385	3
MATH 267	4 Social Science Choice	3
	Humanities Choice	3
	15	16
Junior		
Fall	Credits Spring	Credits
PHYS 361	3 PHYS 311 ¹	1
PHYS 364	3 PHYS 362 ³	3
ENGL 302, 305, 309, or 314	3 PHYS 365	3
MATH 317 or 307 ²	4-3 PHYS 389	0
Foreign Language (or Elective)	4-3 Social Science Choice	3
	Humanities Choice	3
	Foreign Language (or Elective)	4-3
	17-15	17-16
Senior		
Fall	Credits Spring	Credits
PHYS 304	3 PHYS 311 ^{1,2}	2
PHYS 310 ^{1,2} (2 lab credits)	4 PHYS 396 ²	3
PHYS 480 ²	3 PHYS 481 ²	3
Elective	3 Humanities Choice	3
	Elective	3
	13	14

Total Credits: 125-122

- Students must earn a minimum of three laboratory credits from PHYS 310, 311, 311T, 450I, ASTRO 344L, or 450L.
- Recommended by not required. Highly recommended for those students planning graduate study.

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses. Discuss with your adviser how the two courses that you select can be applied to your graduation plan.

LAS majors require a minimum of 120 credits, **including a minimum of 45 credits at the 300/400 level**. You must also complete the LAS foreign language requirement.

Political Science, B.A.

Freshman		
Fall	Credits Spring	Credits
ENGL 150	3 POL S 251 ¹	3
LIB 160	1 Social Science Choice	3
POL S 101	1 Natural Science Choice	3

POL S 215	3 Humanities Choice	3
Humanities choice	3 Elective	3
Natural Science Choice	3	
Social Science Choice	3	
	17	15

Sophomore		
Fall	Credits Spring	Credits
POL S 235	3 POL S 241	3
ENGL 250	3 Political Science Choice	3
	300/400 Level	
Foreign Language/Elective	3-4 Foreign Language/Elective	3-4
Humanities Choice	3 STAT 101, 104, 226 or 231 ³	3-4
Natural Science Choice	2-3 Elective	2-3
	14-16	14-17

Junior		
Fall	Credits Spring	Credits
POL S 301	3 Political Science Choice	3
	300/400 Level	
Political Science Choice - 300/400 Level	2-3 Political Science Choice	2-3
	300/400 Level	
U.S. Diversity Choice ³	3 POL S 395	0
Humanities Choice	3 Electives	9
Elective	3	
	14-15	14-15

Senior		
Fall	Credits Spring	Credits
Political Science Choice - 300/400 Level	3 Political Science Choice	3
	- 300/400 Level	
Electives	12 Electives	11
	15	14

Total Credits: 117-124

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses. Discuss with your adviser how the two courses that you select can be applied to your graduation plan.

LAS majors require a minimum of 120 credits, **including a minimum of 45 credits at the 300/400 level**.

- Meets international perspectives requirement.
- Meets LAS College math requirement.
- May be cross-listed to fulfill other requirements.

Psychology, B.A.

Freshman		
Fall	Credits Spring	Credits
ENGL 150 ²	3 Psychology Choice *	3
PSYCH 111	0.5 Social Science Choice *	3
PSYCH 101 ³	3 Required Natural Science *	3
PSYCH 102 ³	1 Arts & Humanities Choice *	3
Required Math *	3 Electives	3
Social Science Choice *	3	
LIB 160	1	
	14.5	15

Sophomore		
Fall	Credits Spring	Credits
ENGL 250 ²	3 Psychology Choice *	3
Psychology Choice *	3 Psychology Choice *	3
Arts & Humanities Choice *	3 STAT 101 ³	4

PHIL 201	3 Required Natural Science *	3	Junior
Required Natural Science *	3 Minor	3	Fall
	15	16	PSYCH 301 ³
Junior			Psychology Choice *
Fall	Credits Spring	Credits	Foreign Language/Elective
PSYCH 301 ³	3 PSYCH 303 or ENGL 302/309/314 ¹	3	
Psychology Choice *	3 Minor	3	Philosophy Choice *
Philosophy Choice *	3 Foreign Language/Elective	3-4	Electives
Foreign Language/Elective	3-4 Elective	6	Senior
Minor	3	6	Fall
	15-16	15-16	PSYCH 440 ³
Senior			Psychology Choice *
Fall	Credits Spring	Credits	Electives
PSYCH 440 ³	3 Psychology Choice	3	
Psychology Choice *	3 Minor	3	
Minor	3 Electives	10	
Electives	6	6	
	15	16	

Total Credits: 121.5-123.5

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses. Discuss with your adviser how the two courses that you select can be applied to your graduation plan.

LAS majors require a minimum of 120 credits, **including a minimum of 45 credits at the 300/400 level**. You must also complete the LAS foreign language requirement.

- 1 Meets English Proficiency Requirement: C- minimum.
- 2 Psych Requirement: C minimum
- 3 Psych Requirement: C- minimum

* Choose from list of selected courses available from an advisor.

Psychology, B.S

Freshman			
Fall	Credits Spring	Credits	
ENGL 150 ²	3 Psychology Choice *	3	
PSYCH 111	0.5 Social Sciences Choice *	3	
PSYCH 101 ³	3 Required Natural Science *	3	
PSYCH 102 ³	1 Arts & Humanities Choice *	3	
Required Math *	3 Electives	3	
Social Sciences Choice *	3		
LIB 160	1		
	14.5	15	
Sophomore			
Fall	Credits Spring	Credits	
ENGL 250 ²	3 Psychology Choice *	3	
Psychology Choice *	3 Psychology Choice *	3	
Arts & Humanities Choice *	3 STAT 101 ³	4	
PHIL 201	3 Required Natural Science *	3	
Required Natural Science *	3 Electives	3	
Required Natural Science Laboratory *	1-2		
	16-17	16	

	Credits Spring	Credits
3 PSYCH 302 ¹		3
3 Required Math *		3
3-4 Required Natural Science *		3
3 Foreign Language/Elective		3-4
3 Electives *		3
	15-16	15-16
Senior		
Fall	Credits Spring	Credits
PSYCH 440 ³	3 Psychology Choice *	3
Psychology Choice *	3 Electives	13
Electives	8	
	14	16

Total Credits: 121.5-124.5

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses. Discuss with your adviser how the two courses that you select can be applied to your graduation plan.

LAS majors require a minimum of 120 credits, **including a minimum of 45 credits at the 300/400 level**. You must also complete the LAS foreign language requirement.

- 1 Meets English Proficiency Requirement: C- minimum.
- 2 Psych Requirement: C minimum
- 3 Psych Requirement: C- minimum

* Choose from list of selected courses available from an advisor.

Religious Studies, B.A.

Freshman			
Fall	Credits Spring	Credits	
ENGL 150	3 Religion Choice - Area I, II, III, or IV	3	
LIB 160	1 Foreign Language/Elective	4	
RELIG 205 or RELIG 210	3 Humanities Choice	3	
Foreign Language/Elective	4 Social Science Choice	3	
Humanities Choice	3 Elective	3	
Math Choice	3		
	17	16	
Sophomore			
Fall	Credits Spring	Credits	
Religion Choice, - Area I, II, III, or IV	3 Religion Choice - Area I, II, III, or IV	3	
ENGL 250	3 Religion Choice - Area I, II, III, or IV	3	
Humanities Choice	3 Natural Science Choice ¹	4	
Natural Science Choice ¹	4 Social Science Choice	3	
Social Science Choice	3 Humanities Choice	3	
	16	16	
Junior			
Fall	Credits Spring	Credits	
Religion Choice	3 Religion Choice	3	
RELIG 485	3 Religion Choice	3	
Elective	3 Elective	3	
Elective	4 Elective	3	
Elective	3 Elective	3	
	16	15	

Senior		
Fall	Credits Spring	Credits
RELIG 475 (or spring)	3 Elective	3
Religion Choice	3 Elective	3
Elective	3 Elective	3
Elective	4 Elective	3
	13	12

Total Credits: 121

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses. Discuss with your adviser how the two courses that you select can be applied to your graduation plan.

LAS majors require a minimum of 120 credits, including a minimum of **45 credits at the 300/400 level**. You must also complete the LAS foreign-language requirement.

1 Laboratory science recommended.

Russian Studies, B.A. Sociology, B.A., B.S.

Freshman		
Fall	Credits Spring	Credits
ENGL 150	3 Math Choice	3
LIB 160	1 SOC 219 or 235	3
SOC 134	3 Social Science Choice	3
PHIL 230	3 Natural Science Choice	3
Humanities Choice	3 Humanities Choice	3
Social Science Choice	3	
SOC 115	0	
	16	15

Sophomore		
Fall	Credits Spring	Credits
SOC 305	3 Sociology 300+	3
Foreign Language/International Perspective	4 Foreign Language/International Perspective	4
Humanities Choice	3 Sociology 300+	3
ENGL 250	2 Philosophy 300+	3
SOC 327, 330, or 331	3 Natural Science Choice	3
	15	16

Junior		
Fall	Credits Spring	Credits
300-level Elective	3 SOC 302	3
STAT 101 or 104	4-3 Sociology 300+	3
Humanities Choice	3 Social Science Choice	3
SOC 310, 380, or 420	3 Electives	6
Natural Science Choice	3	
	16-15	15

Senior		
Fall	Credits Spring	Credits
SOC 401	3 SOC 460	3-12
ENGL 302, 309 or 314	3 Electives	3-12
Electives	9	
	15	6-24

Total Credits: 114-131

LAS majors require a minimum of 120 credits, including a minimum of **45 credits at the 300/400 level**.

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses.

Software Engineering, B.S.

Freshman		
Fall	Credits Spring	Credits
MATH 165	4 MATH 166	4
ENGL 150	3 PHYS 221	5

S E 185	3 S E 166	0
COM S 227	4 COM S 228	3
S E 101	0 Economic Elective	3
LIB 160	1	
	15	15

Sophomore		
Fall	Credits Spring	Credits
ENGL 250	3 Math Elective	3
MATH 267	4 CPR E 288/ COM S 229	4-3
CPR E 281 *	4 General Education Elective	3
CHEM 167	4 Education Elective	3
Supplementary Electives	3 Supplementary Electives	3
	18	16-15

Junior		
Fall	Credits Spring	Credits
General Education Elective	3 COM S 311 *	3
COM S 363 *	3 CPR E 308/ COM S 352 *	4-3
S E 339 *	3 S E 329	3
COM S 309 *	3 ENGL 314	3
COM S 330/CPR E 310 *	3 SP CM 212	3
	15	16-15

Senior		
Fall	Credits Spring	Credits
STAT 330	3 S E 492	2
S E 491	3 Supplementary Electives	6
Software Engineering Elective	3 Software Engineering Electives	3
Technical Elective	3 General Education Elective	3
General Education Elective	3 Open Elective	3
	15	17

Total Credits: 127-125

> Basic Program (maintain at least a 2:00 GPA)

* Core Professional Curriculum (maintain at least a 2.00 G.P.A.)

Must receive a C or better in all English classes.

Speech Communication, B.A.

Freshman		
Fall	Credits Spring	Credits
ENGL 150	3 Math Choice	3
SP CM 110	3 Humanities Choice	3
Humanities Choice	3 Natural Science Choice	3
Natural Science Choice	3 Social Science Choice	3
Social Science Choice	3 Elective	3
LIB 160	1	
	16	15

Sophomore		
Fall	Credits Spring	Credits
ENGL 250	3 Social Science Choice	3
Humanities Choice	3 Foreign Language/Elective	4-3
Natural Science Choice	3 Humanities Choice	3
SP CM 212	3 Speech Communication Choice	3
Foreign Language/Elective	4-3 Elective	3
	16-15	16-15

Junior		
Fall	Credits Spring	Credits
SP CM 327	3 SP CM 416	3

Speech Communication Choice - 300/400 Level	3 Speech Communication Choice - 300/400 Level	3
Elective - 300/400 Level	3 JL MC 201 or ENGL 302, 303, 304, 305, 309, 314, 315	3
2 Electives - 300/400 Level	6 2 Electives - 300/400 Level	6
	15	15
Senior		
Fall	Credits Spring	Credits
Speech Communication Choice	3 Speech Communication Choice 300/400 Level	3
SP CM 412	3 SP CM 497	3
2 Electives - 300/400 Level	6 2 Electives - 300/400 Level	6
Elective	3 Elective	3
	15	15

Total Credits: 123-121

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses. Discuss with your adviser how the two courses that you select can be applied to your graduation plan.

LAS majors require a minimum of 120 credits, **including a minimum of 45 credits at the 300/400 level**. You must also complete the LAS foreign language requirement.

Speech Communication Choices include SP CM 205 (also ENGL 205), 305, 312, 313, 322, 323, 325 (also COMST 325 - has COMST prerequisites), 305 (also ENGL 350), and 417. Note: Students must earn a C or better in all Speech communication courses used to meet the 33 credits required for the major.

Speech Communication, B.S.

Statistics, B.S.

Freshman		
Fall	Credits Spring	Credits
ENGL 150	3 MATH 166 (or MATH 166H)	4
LIB 160	1 STAT 201	4
STAT 100	0 Social Science Choice	3
MATH 165 (or MATH 165H)	4 Humanities Choice	3
Humanities Choice	3	
Natural Science Choice	4	
	15	14
Sophomore		
Fall	Credits Spring	Credits
STAT 301	4 STAT 402	3
MATH 265 (or MATH 265H)	4 COM S 207 (or COM S 107)	3
ENGL 250	3 MATH 207 (or MATH 317)	3
Natural Science Choice	4 Humanities Choice	3
	Social Science Choice	3
	15	15
Junior		
Fall	Credits Spring	Credits
STAT 341	3 STAT 342	3
STAT 479	3 STAT 421	3
SP CM 212 (or COMST 102)	3 Social Science Choice	3
Foreign Language/Elective	4 Foreign Language/Elective	4
Elective	3 Elective	3
	16	16

Senior	Credits Spring	Credits
Fall		
Statistics Choice - 400 Level	3 Statistics Choice - 400 Level	3
ENGL 302 (or ENGL 314)	3 STAT 480	3
Humanities Choice	3 Electives	9
Electives	6	
	15	15

Total Credits: 121

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Discuss with your adviser how the two courses that you select can be applied to your graduation plan.

LAS majors require a minimum of 120 credits, **including a minimum of 45 credits at the 300/400 level**.

You must also complete the LAS foreign language requirement.

Technical Communication, B.S.

Freshman		
Fall	Credits Spring	Credits
ENGL 150 (or Engl 250 by placement or transfer credit)	3 Social Science Choice	3
Humanities Choice	3 Natural Science Choice	3
Foreign Language/Elective	4 Humanities Choice	3
MATH or STAT	3 Foreign Language/Elective	4
LIB 160	1 Elective or Minor	3
Elective or Minor	3	
	17	16

Sophomore		
Fall	Credits Spring	Credits
TComm Elective from List - ENGL 200+	3 Technical/Scientific/Design Course	3
Social Science Choice	3 ENGL 314	3
U.S. Diversity Choice	3 ENGL 300+	3
Natural Science Choice	3 ENGL 310	3
ENGL 250	3 Humanities Choice	3
Computers in the Study of English (if student took ENGL 150 semester 1)	Natural Science Choice	2
	15	17

Junior		
Fall	Credits Spring	Credits
ENGL 300+	3 ENGL 350	3
International Perspectives Choice	3 Elective or Minor	3
TComm Elective from List - ENGL 400+	3 TComm Elective from List - ENGL 400+	3
Humanities Choice	3 Technical/Scientific/Design Course	3
Social Science Choice	3 Electives or Minor	3
	15	15

Senior		
Fall	Credits Spring	Credits
Technical/Scientific/Design Course	3 ENGL 487	3
TComm Elective from List - ENGL 400+	3 TComm Elective from List - ENGL 400+	3
TComm Elective from List - ENGL 400+	6 Electives or Minor	6
Electives or Minor	3	
	15	12

Total Credits: 122

Students in all ISU majors must complete a three-credit course in U.S. diversity and a three-credit course in international perspectives. Check (<http://www.registrar.iastate.edu/courses/div-ip-guide.html>) for a list of approved courses. Discuss with your adviser how the two courses that you select can be applied to your graduation plan.

