



DOANE
COLLEGE

ADVISING GUIDE

FOR

2012-2013

CLASS DAYS:
FALL - 69
INTERTERM - 14
SPRING - 69
TOTAL - 152

**2012-2013 ACADEMIC CALENDAR
DOANE'S 141st YEAR**

http://www.doane.edu/About_Doane/Offices/Registrar/Calendar/Crete/

FALL SEMESTER 2012

- Aug. 23-24 Th, Fri New student ORIENTATION and advising
27 Monday FALL SEMESTER CLASSES BEGIN.
31 Fri Deadline for students to resolve their fall semester HOLDS.
- Sep. 3 Monday Labor Day – College CLOSED
5 Wednesday Last day to add a course
7 Friday Fall Census/Last day to drop a course (4:30 p.m.)
12 Wednesday Fall Census figures reported
21 Friday Final day for juniors and seniors to declare a Pass-Fail course.
- Oct. 6 Saturday Homecoming and Family Day
12 Friday Fall break begins *after* last class.
17 Wednesday Fall break ends and classes resume. MID-TERM GRADES due by noon
MID-TERM GRADES available on WebAdvisor.
30 Tuesday Final day to withdraw *from a course* and receive a “W”.
31-11/9 REGISTRATION and ADVISING for Interterm and Spring 2013.
- Nov. 15 Thursday Final day to withdraw *from the college* without grade responsibility. Grades received are W’s.
20 Tuesday Thanksgiving break begins *after* last class.
26 Monday Thanksgiving break ends and classes resume.
- Dec. 10-14 Mon-Fri FINAL EXAMS.
14 Friday Mid-year break begins after last exam.
19 Wednesday FALL SEMESTER GRADES DUE by noon.
21 Friday FALL SEMESTER GRADES available on WebAdvisor.



INTERTERM 2013

- Jan. 3 Thursday INTERTERM CLASSES BEGIN at 9:00 a.m. or 2:00 p.m.
7 Monday Final day to change interterm class and final day for late registration (5:00 p.m.).
9 Wednesday Final day to withdraw from an Interterm with a "W".
22 Tuesday Interterm ends.
24 Thursday INTERTERM GRADES DUE by 8:00 a.m.
25 Friday INTERTERM GRADES available on WebAdvisor.



SPRING SEMESTER 2013

- Jan. 28 Monday SPRING SEMESTER CLASSES BEGIN.
- Feb. 1 Friday Deadline for students to resolve their spring semester HOLDS
5 Tuesday Last day to add a course
8 Friday Spring Census/Last day to drop a course (4:30 p.m.)
12 Tuesday Spring Census figures reported.
22 Friday Final day for juniors and seniors to declare a Pass-Fail course.
- Mar. 15 Friday Spring break begins *after* last class.
25 Monday Spring break ends and classes resume.
MID-TERM GRADES DUE by noon. MID-TERM GRADES available on WebAdvisor.
- Apr. 1 Monday No classes – Monday after Easter
3 – 12 REGISTRATION and ADVISING for Fall 2013
5 Friday Final day to withdraw *from a course* and receive a “W”
16 Tuesday Final day to withdraw *from the college* without grade responsibility. Grades received are W’s.
- May 13-16 Mon-Thu FINAL EXAMS.
17 Friday SENIOR GRADES DUE
18 Saturday BACCALAUREATE SERVICE – 10:30 a.m.
19 Sunday COMMENCEMENT – 10 a.m. LINCOLN/GRAND ISLAND UNDERGRADUATE AND GRADUATE
COMMENCEMENT – 2:30 p.m. CRETE UNDERGRADUATE
23 Thursday SPRING SEMESTER GRADES DUE by noon for underclass students.
28 Tuesday SPRING SEMESTER GRADES available on WebAdvisor.

FERPA -- Family Educational Rights and Privacy Act

FERPA (or the Buckley Amendment) is designed to protect the confidentiality of students' educational records, to establish the right of students to inspect and review their records, and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Access and privacy rights shift to the student when they attend college.

EDUCATIONAL RECORDS -- Educational records covered by FERPA are those records, files, documents, and other materials that contain information related to a student and are maintained by Doane College (Registrar, BO, FA, SSS) or one of its agents. **Exceptions** -- An advisor's personal notes on advisees (that are kept separate from regular advising files and that serve to help the advisor or faculty member remember conversations and interactions with advisees) are not part of the "official file."

STUDENT ACCESS TO EDUCATIONAL RECORDS -- Students may ask the individual or office responsible for maintenance of these records, in writing, for access to them. Under College policy, they will be produced within a maximum period of 45 days. In most instances, the student can view the requested record but not have copies. **Exceptions** -- Certain materials, including private notes of faculty, are not available to the student.

ACCESS TO EDUCATIONAL RECORDS BY OTHERS -- Educational records and information may not be disclosed unless the student consents in advance. If a student wishes another person(s) to have access to their records, the student fills out a FERPA form and files it with the registrar's office. The student provides the names, addresses, phone numbers, email address, and relationship information of the individual(s) to whom such information may be given. If no FERPA form is filed, access is limited to the student. Information about those who have been given permission is available on web advisor or may be obtained from the registrar's office, the faculty secretaries, or the academic affairs office. Students have the right to change this information and these permissions at any time. **Exceptions** -- Exceptions to this are disclosure to Doane College personnel who "need to know" to perform their job, to comply with a judicial order or subpoena, or in a health or safety emergency.

DIRECTORY INFORMATION -- Directory information includes, but is not limited to, the student's name, address, telephone number, email address, major field of study, dates of attendance, awards or honors, degrees, and sports and activities. Students may request that directory information not be released by signing a form in the registrar's office.

Additional information is available on the Registrar website at www.doane.edu/About_Doane/Offices/Registrar/FAQ/ferpa/

Questions can be directed to Denise Ellis in the Registrar's Office at x 6771.

DOANE COLLEGE 4-YEAR GRADUATION GUARANTEE

In 1995, Doane College initiated a Four-Year Graduation Guarantee, one of only a few colleges and universities in the nation to do so. Doane believes that a quality degree can and should be earned within four years, and students should not have to incur additional tuition and costs by extending their college stay. Doane's curriculum is designed specifically for students to graduate in four years. We guarantee it! The Four-Year Graduation Guarantee applies to first-time students who enter Doane College on the Crete Campus.

DOANE COLLEGE WILL:

- 1) Offer all required courses necessary to complete a major, the Doane Plan, and the college's graduation requirements within four years (*see college catalog*).
- 2) Provide a qualified faculty adviser to assist students in scheduling classes.
- 3) Provide academic support services to help in the successful completion of a four-year degree.

IF THE STUDENT WILL:

- 1) Enroll in eight consecutive regular semesters as a full-time student.
- 2) Maintain a cumulative grade point average to remain in good standing according to the *Doane College Catalog* of record.
- 3) Fulfill the following requirements:
 - The student will declare the major with which he/she will graduate before the fourth semester. Students majoring in accounting, biology, chemistry, or education must declare that major upon entering Doane College.
 - The student should average 15 credit hours per semester (a typical college class load).
 - The student will successfully complete four three-credit interterms.
 - The student will meet at least once per semester with his/her assigned academic adviser.

If all of the requirements are fulfilled, this agreement is valid. It is possible for students to graduate in less than four years, to have more than one major, or to complete minors. This agreement covers one major in four years. With good academic planning, much more is possible.

If all requirements are met, but the student is unable to complete his/her chosen major in four years, Doane College will assume costs during the next two consecutive semesters, of the courses needed to complete an undergraduate degree.

Student's signature Date

President's signature Date

Parent signature Date

MAJOR: Acc Bio Edu Chem EVS

MAJORS (including endorsements and certification)

Accounting
Art (Graphic Design Emphasis)
Art (Art History Emphasis)
Art (Liberal Arts Emphasis)
Art (Professional Emphasis)
Art (Teacher Certification)
Biochemistry
Biology
Biology (Teacher Certification)
Business Administration
Chemistry
Chemistry (Teacher Certification)
Coaching Endorsement
Computer Science (see Information Science and Technology)
Economics
Education - Early Childhood Endorsement
Education - Elementary
Education - Elementary and Special Education (double major)
Education - Middle School Endorsement
Education - Special
Education - Teacher Certification - Secondary or K-12
Education - Teacher Certification and Middle School Endorsement
English (Creative Writing Emphasis)
English (General Emphasis)
English (Teacher Certification)
English/Language Arts
English/Language Arts (Teacher Certification)
English as a Second Language
English as a Second Language (Teaching Endorsement)
Environmental Science
French
French (Teacher Certification)
French and Biology (double major)
French and Business Administration (double major)
German
German (Teacher Certification)
German and Biology (double major)
German and Business Administration (double major)
History
History (Teacher Certification)
Information Science and Technology - Computer Science
Information Science and Technology - (Information Technology Teaching Endorsement)
Information Science and Technology - Information Systems
International Studies (Contemporary Europe Emphasis)
Journalism & Media

Mathematics
Mathematics (Teacher Certification)
Music
Music (Performance Emphasis)
Music (Teacher Certification)
Natural Science (Teacher Certification)
Philosophy
Physical Education (Exercise Science Emphasis)
Physical Education (Fitness Management Emphasis)
Physical Education (Teacher Certification)
Physical Education (Teacher Certification and Biology Endorsement)
Physical Education and Elementary Education (double major)(Teacher Certification)
Physical Education and History (double major)(Teacher Certification)
Physical Education and Social Science (double major)(Teacher Certification)
Physical Education and Special Education (double major)(Teacher Certification)
Physical Science
Physical Science (Health Science Emphasis)
Physical Science (Teacher Certification)
Physics
Physics (Teacher Certification)
Political Science
Political Science (Teacher Certification)
Psychology
Psychology (Mental Health Emphasis)
Public Administration
Religious Studies
Social Science
Social Science (Teacher Certification)
Sociology
Sociology (Criminal Justice Emphasis)
Spanish
Spanish (Teacher Certification)
Spanish and Business Administration (Double Major)
Spanish and English (Double Major)
Spanish and ESL Endorsement (Teacher Certification)
Theatre
Theatre (Teacher Certification)

PRE-PROFESSIONAL PROGRAMS

Pre-Art Therapy
Pre-Chemical Engineering
Pre-Clinical Science (formerly Pre-Medical Technology)
Pre-Dental Hygiene
Pre-Dentistry
Pre-Engineering (Computer Science Major)
Pre-Engineering (Mathematics Major)
Pre-Engineering (Physics Major)
Pre-Forensic Science
Pre-Forestry
Pre-Law
Pre-Medicine (UNMC)
Pre-Nursing (Creighton - accelerated BSN)
Pre-Nursing (UNMC - accelerated BSN)
Pre-Nursing (UNMC)
Pre-Occupational Therapy
Pre-Optometry
Pre-Pharmacy
Pre-Physical Therapy
Pre-Physician's Assistant
Pre-Veterinary Science

RESPONSIBILITIES DURING THE ADVISING PROCESS*

The student is responsible for:

- Seeking out help available in determining the major
- Preparing for the advising meeting, including preparing a draft schedule
- Following through on tasks (officially declaring the major, naming the catalog of record, changing advisors, etc.)
- Keeping accurate records
- Making sure all degree requirements are met
- Making decisions in a timely manner

The advisor is responsible for:

- Providing answers to questions on procedure, policy, etc. (or helping find the answers)
- Helping the student problem-solve
- Keeping accurate records, including auditing of program
- Mapping out a 4-year plan, talk about goals
- Providing academic advice
- Helping the student in deciding on a major
- Providing information on careers and opportunities in the advisor's discipline
- Helping facilitate the student's interaction with the administration.

**These responsibilities are based on the National Academic Advising Association guidelines.*

DOANE "W" COURSE MASTER LIST

15 credits (6 cr. @ 200 level or higher)

ACC	232
ART	204, 205, 252, 254, 310, 315, 320, 358
BIO	120, 317, 342, 348, 351, 356, 496, 498
BUS	205, 307, 339, 357, 360, 410, 418
CHM	322, 408, 411, 412
CMS	112, 351
DLC	116
DSS	117, 201
ECO	307, 309, 315, 495
EDS	207, 236, 332, 426
EDU	211, 311, 312, 321, 322, 341, 361, 453, 455
ENG	101, 113, 201, 202, 213, 231, 238, 285, 301, 302, 305, 306, 312, 316, 329, 342, 351, 392, 393, 485, 495, 496, 497, ATV 136
ESL	211
EVS	301, 351, 496
FRE	322, 423
GER	311
HIS	305, 317, 338, 496
HNR	302, 402
INT	317, 496
IST	140, 217, 401, 495
ITM	345
JOU	105, 113, 135, 213, 291, 445
MTH	217, 326, 403, 433
MUS	496
NSI	496
PED	345, 346, 352
PHI	210
PHY	302, 314, 325, 395, 435
PRE	110, 111
PSI	213, 243, 338, 395, 435, 496
PSY	416, 496
RST	316, 416
SOC	285, 496
THE	109, 217, 303, 304, 314, 318

SCHEDULE OF ALTERNATE YEAR COURSES

This list shows the planned scheduling of alternate year courses by the faculty in each discipline. Circumstances may cause the schedule to be adjusted occasionally, but it will be followed as closely as possible. A few courses listed in the catalog as alternate year courses will be dropped or are taught every year and are not given on this list.

Fall 2012 is Fall Odd (FO); Spring 2013 is Spring Even (SE) - ** Upon demand

<u>COURSE</u>	<u>TERM</u>						
		ECO 330	SE	INT 310	FO	PSI 327	SE
ACC 331	FO	ECO 340	SO	INT 311	SO	PSI 328	SE
ACC 335	FE	ECO 358	FO	INT 318	SO	PSI 329	SE
ACC 411	SE	ECO 360	FE	INT 325	SO	PSI 330	SO
ACC 415	SO	ECO 495	SE	INT 349	SE	PSI 332	SE
ACC 427	SO	ENG 210	FE	IST 314	SE	PSI 337	FE
ART 225	SE	ENG 301	SE	IST 315	SO	PSI 340	FO
ART 252	FO	ENG 312	FE	IST 322	FE	PSI 342	SE
ART 254	FE	ENG 316	SO	IST 325	FO	PSI 351	SE
ART 256	SO	ENG 318	SO	IST 355	SO	PSY 225	SO
ART 350	SE	ENG 329	FO	IST 356	SE	PSY 256	FO
ART 355	SO	ENG 342	SE	IST 357	SE	PSY 305	FE
ART 357	SO	ENG 351	SO	IST 422	SO	PSY 314	FE
BIO 308	FO	EVS 301	FE	MTH 334	FE	PSY 342	FO
BIO 317	FO	FRE 310	FO	MTH 347	SE	PSY 445	FE
BIO 335	SO	FRE 312	SE	MTH 351	SE	RST 309	FE
BIO 337	FO	FRE 322	FE	MTH 403	SO	RST 310	SO
BIO 340	FO	FRE 423	SO	MTH 433	FO	RST 312	SE
BIO 345	**	GEG 112	SE	MUS 309	SO	RST 3/405	FO
BIO 349	FO	GER 310	FE	PED 312	SO	RST 3/409	FE
BIO 350	FE	GER 311	FO	PED 314	SE	RST 3/415	FO
BIO 353	SE	GER 415	SE	PHI 105	FO	RST 3/416	FO
BIO 412	SE	GER 429	SO	PHI 210	SO	RST 3/418	SO
BUS 301	FE	HIS 302	FO	PHI 212	SE	SOC 225	SE
BUS 324	SO	HIS 304	FO	PHI 310	SO	SOC 366	SO
BUS 339	FO	HIS 305	FO	PHI 315	FE	SOC 370	SE
BUS 346	SO	HIS 306	**	PHI 337	FE	SOC 415	SE
BUS 350	SO	HIS 307	FE	PHY 302	SE	SPA 312	FE
BUS 353	FE	HIS 312	**	PHY 306	SO	SPA 314	FO
BUS 356	FE	HIS 315	Interterm	PHY 308	SE	SPA 424	SO
BUS 357	SE	HIS 318	SO	PHY 312	SE	SPA 425	SE
BUS 361	FO	HIS 320	**	PHY 314	FE	THE 115	SO
BUS 410	FO	HIS 321	**	PHY 318	SE	THE 212	SE
BUS 418	SE	HIS 326	**	PHY 325	FO	THE 217	FE
BUS 445	SO	HIS 329	SE	PHY 435	FO	THE 303	FO
BUS 453	FO	HIS 335	**	PRE 215	SE	THE 304	SE
CHM 322	SE	HIS 337	FO	PRE 240	SO	THE 309	FO
CHM 326	SO	HIS 340	FO	PSI 213	FE	THE 311	FE
CMS 348	SE	HIS 341	SO	PSI 215	FE	THE 312	FO
CMS 351	SO	HIS 342	**	PSI 234	SE	THE 314	SE
ECO 303	SE	HIS 346	SE	PSI 243	FO	THE 318	SO
ECO 304	FE	HIS 348	FE	PSI 306	SE	THE 407	
ECO 309	FO	HIS 349	SE	PSI 313	FO		
ECO 327	SE	HIS 350	SO	PSI 325	SO		
ECO 329	SO	HIS 353	**	PSI 326	SO		

COURSES TAUGHT EVERY FALL TERM OR EVERY SPRING TERM

Acc 103 - F	Chm 411 - F	Geg 112 - S	Mth 355 - F	PRe 110 - S
Acc 104 - S	Chm 412 - S	Ger 101 - F	Mth 356 - S	PRe 111 - F
Acc 231 - F	Chm 495 - F	Ger 102 - S	Mth 358 - S	PRe 115 - F
Acc 232 - S	Chm 496 - S	Ger 203 - F	Mus 115 - S	PRe 120 - F
Acc 415 - S	CmS 321 - S	Ger 204 - S	Mus 116 - F	PRe 121 - S
Ant 308 - S	DLC 116 - F	His 105 - F	Mus 193 - S	PSi 338 - F
Art 110 - S	DSS 117 - F	His 106 - S	Mus 204 - S	PSi 496 - S
Art 204 - S	Eco 204 - S	His 205 - F	Mus 205 - F	Psy 219 - F
Art 205 - F	EdC 425 - F	His 206 - S	Mus 206 - S	Psy 234 - F
Art 207 - F	EdC 427 - S	His 220 - F	Mus 215 - S	Psy 245 - F
Art 211 - S	EdS 236 - S	His 314 - S	Mus 226 - F	Psy 252 - S
Art 235 - F	EdS 328 - F	His 317 - F	Mus 305 - F	Psy 255 - S
Art 252 - S	EdS 332 - S	His 338 - F	Mus 307 - S	Psy 310 - S
Art 258 - F	EdS 426 - S	His 496 - S	Mus 308 - F	Psy 336 - S
Art 307 - S	EdS 428 - S	Hnr 402 - S	Mus 326 - F	Psy 355 - S
Art 407 - S	EdS 456 - S	Int 314 - S	Mus 405 - S	Psy 365 - S
Ast 103 - S	Edu 250 - S	Int 317 - F	Mus 407 - F	Psy 396 - S
Bio 120 - F	Edu 311 - F	IST 140 - F	Mus 496 - S	Psy 416 - S
Bio 121 - S	Edu 312 - S	IST 146 - S	PAd 493 - S	Psy 496 - F
Bio 201 - S	Edu 318 - S	IST 217 - S	PEd 117 - F	Soc 210 - F
Bio 202 - S	Edu 325 - F	IST 246 - F	PEd 118 - S	Soc 285 - F
Bio 215 - F	Edu 338 - S	IST 252 - F	PEd 201 - F	Soc 288 - S
Bio-216 - S	Edu 350 - F	IST 326 - S	PEd 209 - S	Soc 308 - S
Bio 260 - F	Edu 361 - S	Jou 113 - F	PEd 221 - F	Soc 310 - S
Bio 320 - S	Eng 100 - S	Jou 135 - S	PEd 228 - S	Soc 312 - F
Bio 330 - F	Eng 113 - F	Jou 213 - S	PEd 233 - F	Soc 314 - F
Bio 342 - F	Eng 201 - F	Jou 214 - F	PEd 234 - S	Soc 324 - F
Bio 348 - S	Eng 202 - F	Jou 223 - F	PEd 308 - F	Soc 336 - S
Bio 355 - F	Eng 205 - F	Jou 240 - F	PEd 309 - F	Soc 355 - S
Bio 356 - S	Eng 206 - S	Jou 245 - F	PEd 310 - S	Soc 496 - F
Bio 412 - S	Eng 213 - S	Jou 315 - S	PEd 311 - F	Spa 101 - F
Bio 495 - F	Eng 231 - S	Jou 353 - S	PEd 321 - S	Spa 102 - S
Bio 496 - S	Eng 302 - S	Jou 355 - F	PEd 345 - F	Spa 203 - F
Bus 215 - F*	Eng 305 - F	Jou 360 - S	PEd 346 - S	Spa 204 - S
Bus 226 - F	Eng 306 - S	Jou 370 - S	PEd 352 - S	Spa 305 - F
Bus 250 - F	Eng 392 - F	Jou 445 - F	PEd 355 - F	Spa 306 - S
Bus 315 - F	Eng 393 - S	Jou 495 - S	PEd 450 - S	The 101 - F
Bus 325 - F	Eng 495 - S	Mth 125 - F	PEd 457 - F	The 103 - F
Bus 365 - S	Eng 496 - S	Mth 217 - F	PEd 458 - S	The 108 - F
Bus 394 - S	Eng 497 - S	Mth 218 - S	Phi 396 - S	The 109 - S
Bus 455 - F	EVS 101 - F	Mth 236 - S	Phi 495 - F	The 207 - S
Bus 460 - ****	EVS 495 - F	Mth 237 - F	Phy 107 - F	The 217 - F
Bus 496 - S	EVS 496 - S	Mth 238 - S	Phy 108 - S	The 224 - ****
Chm 101 - S	FAR 103 - F	Mth 250 - S	Phy 201 - S	
Chm 125 - F	FAR 104 - F	Mth 303 - F	Phy 202 - F	
Chm 126 - S	Fre 101 - F	Mth 323 - S	Phy 308 - ****	****on demand
Chm 205 - F	Fre 102 - S	Mth 324 - F	Phy 312 - ****	
Chm 206 - S	Fre 203 - F	Mth 325 - S	Phy 395 - S	
Chm 303 - F	Fre 204 - S	Mth 326 - F	Phy 435 - F	
Chm 351 - S	Geo 107 - S	Mth 329 - S	Phy 495 - F	
Chm 408 - S	Geo 107L-S	Mth 337 - S	Phy 496 - S	

Eligibility Requirements

These requirements apply to student athletes and to students with special ability scholarships in art, music, and theatre.

Requirements for New First-Year Students:

To compete in a first season, you must satisfy 2 out of the following 3 conditions:

1. Have a high school GPA of 2.00 or higher.
2. Have an ACT composite of 18 or higher (SAT of 860 or higher)
3. Have graduated in the top half of your class.

In addition, you must be registered for at least 12 hours of classes.

Requirements for Continuing Student/Athletes:

The student must be enrolled in a minimum of 12 institutional credit hours at the time of participation, or, if the participation takes place between terms, the student must have been identified with the institution the term immediately before the date of participation.

The "9/24 Hour Rule":

A freshman must have accumulated a minimum of nine (9) institutional credit hours prior to identification for the second term of attendance. After completion of the second semester and from then on, a student must have accumulated a minimum of 24 institutional credit hours in the two immediately previous terms of attendance in a semester system. Repeat courses previously passed at any time during the student's academic career may not count toward the 24 credit hour rule.

The "Due Progress Rule": A student must have accumulated at least

- 24 credit hours before participating in a second season of a sport;
- 48 credit hours before participating in a third season of a sport;
- 72 credit hours before participating in a fourth season of a sport.

Minimum GPAs for Eligibility (GPAC rule):

1.5 for freshmen (after 1st semester);
1.75 for sophomores;
2.00 for juniors and seniors

Requirements for Transfer Student/Athletes:

A transfer student is a student who becomes identified with an NAIA institution after having previously been identified with a two- or four-year institution of higher learning. Transfer students must complete the official NAIA Transfer Player Eligibility Statement prior to their first participation at the NAIA institution no matter how long ago the transfer occurred.

16-week Residency Requirement

A student who has participated in an intercollegiate contest at the immediately previous four-year institution and who then transfers to Doane shall be required to be in residence for a period of 16 calendar weeks before being eligible for the sport(s) previously participated in at the four-year institution.

Inter-conference Transfer Requirement

A student who has attended one conference school is not eligible to participate for a second conference school for one calendar year in any sport.

Note: There are exceptions to many of the rules listed above. Contact the Registrar's Office or Faculty Athletic Representative (Peggy Hart – 8603) for information on exceptions.

Scholarship Requirements

Students must be full-time to be eligible for institutional funds.

Scholarships requiring cumulative GPAs

- 3.50 National Merit
- 3.50 Hugh Butler Scholar
- 3.40 Presidential Scholar
- 3.20 Board of Trustees
- 3.00 Van Hoy
- 3.00 Zenon Hansen Leadership
- 3.00 Perry Transfer
- 3.00 Merrill Transfer

Scholarship requirements

Special ability scholarships have eligibility requirements. See page 12 .

- Athletics - take the ATV course for that sport. Note: the maximum number of ATV credits that may be counted toward graduation is 6.
- Art - take 2 ART courses (including 1 studio course) per academic year and have a GPA of 3.00 in ART courses, exhibit creative work in the spring
- Forensics- take CMS 226 or 326 in the fall for 0 or 3 credits and CMS 227 or 327 in the spring for 0 or 3 credits, participate in at least 10 regular season tournaments per year (excluding Nationals), compete in at least 3 events, assist with all high school and college speech events held on campus.
- Music
Students who receive special ability scholarships but are not music majors have requirements that are based on monetary awards. To maintain their scholarships they must participate in at least one ensemble every semester they are on campus.
Ensemble Scholarships (\$500-1,499)
Vocal -- Mus 191 or 192 every term, 2 terms of voice lessons in the first year
Instrumental -- Mus 190 or 195 every term, Atv 106 for 3 fall terms, 2 terms of instrument lessons in the first year
Strings -- Mus 196 every term, 2 terms of string lessons in the first year
Piano Recognition-- 4 terms of piano lessons in the first 6 terms, accompaniment
Special Ability Scholarships (\$1,500- 2,999)
FAR 104 in the first term
Vocal -- Mus 191 or 192 every term, 4 semesters of voice lessons in the first 6 terms
Instrumental -- Mus 190 or 195 every term, Atv 106 for 3 fall terms, 4 terms of instrument lessons in the first 6 terms
Strings -- Mus 196 every term, 4 terms of string lessons in the first 6 terms
Piano -- 4 terms of piano lessons in the first 6 terms, accompaniment
Honor Musician and Platte Vocal (\$3,000 and up)
FAR 104 in the first term
Vocal -- Mus 191 or 192 every term, 7 terms of voice lessons in 8 terms
Instrumental -- Mus 190 or 195 every term, Atv 106 for 3 fall terms, 7 terms of instrument lessons in 8 terms
Strings -- Mus 196 every term, 7 terms of string lessons in 8 terms
Piano -- 7 terms of piano lessons in 8 terms, accompaniment
Tiger Pep Band Grant -- ATV 106
- Theatre - ATV 173 each term . Note: the maximum number of ATV credits that may be counted toward graduation is 6.

CREDIT BY EXAMINATION

Doane College Test

Doane students who have a strong background in writing English may establish college credit through the Doane College test.

1. The Doane test is administered by Doane faculty in English Composition (Eng 101) or by Doane faculty in Accounting (Acc 103).
2. If the student receives a score high enough to earn credit, that credit may be entered on the Doane College transcript at a tuition charge of \$50.00 per credit. The tuition charge for the Doane test must be paid prior to the beginning of the student's senior year.
3. If credit is earned and purchased, the grade given is "P" (Pass). This grade does not figure into the grade point average and is considered as "ungraded" credit. The credits do count toward the total credits for graduation.
4. If credit is earned and purchased, the student will receive three credits toward the fulfillment of the writing intensive ("W") requirement of the Doane Plan.

Doane also accepts credit from the College Level Examination Program (CLEP), Advanced Placement (AP), International Baccalaureate Diploma, and ACT PEP. For more information on these tests, contact the registrar or refer to the catalog.

Students should be aware of the following before registering for tests:

1. The student's transcript will show that they have the equivalency of a college course.
2. Credit earned and purchased applies toward the total number of credits needed for graduation.
3. Faculty in some disciplines prefers that students do not use credits earned through credit by examination for completion of a particular major.
4. If students transfer, some colleges may not accept credits earned through credit by examination.
5. Some professional and graduate schools do not accept test-outs.

Questions students may ask themselves before registering for an exam and paying the fee:

1. Why do I want the credit?
2. Do I plan to take a light load one semester or take extra credits and/or summer courses in order to graduate early?
3. Do I want to be able to enroll in more elective courses?
4. Do I want "padding" to cover a course I might fail?
5. Will a professional school or graduate program in which I am interested require that this course be taken for a grade?

Contact the Registrar's Office for further information.

PREREGISTRATION/ENROLLMENT DAY PROCEDURES

Preparation for advising:

1. Become familiar with the Advising Guide and WebAdvisor.
3. Check the orientation information sheets for restrictions on certain courses/sections at each enrollment day.

Procedures for advising:

1. Check the information available on the student:
 - a. Check the gold sheet for special restrictions for this student and check the file or check on WebAdvisor for additional information.
 - b. For transfer students, check the registrar's sheet in the file or check the transcript on WebAdvisor for courses transferred in. If you need help, call the registrar's office.
2. Some students may need to meet with Academic Support Center staff before completing preregistration. [At summer enrollment days, an ASC staff member will talk with you just before the session begins about which students they need to see.]
3. Watch for credit limits for lower-ACT students (see the bottom of the gold sheet); for low-reading-ACT students, watch the reading load, but make sure they are in one reading-intensive course.
4. Check on WebAdvisor for any holds on the student. Their courses cannot be scheduled in the computer or at the registrar's office until the holds have been removed (there may be a delay between the time the student sees the required office and the time the hold is removed).
5. Ask if the student has any questions about the Doane Plan.
6. Ask about the intended major, talk about possible options, and help them be realistic while not discouraging them.
7. Have continuing students use Search for Courses on WebAdvisor to look up course information and put courses on their Preferred Sections List on WebAdvisor before they meet with you.
8. Select courses in this order:
 - a. Required courses -- check the gold sheet in the student's file for required courses. If you have questions, check with Sherri Hanigan, Karen Sookram, Tere Francis, or the academic affairs office.
 - b. Major requirements -- check the major or pre-professional sheet in this Guide to see if there are classes the student should or must take this term. Be sure to check the Table of Contents to make sure you are using the right sheet (some majors have emphases, certification, etc.)
 - c. Doane Plan courses -- be sure to fill out the Doane Plan worksheet as Doane Plan courses are taken. When selecting these courses, check the appropriate pre-professional or major sheet to see if specific Doane Plan courses are needed to fulfill requirements.
9. If you have problems entering the courses on the computer, please contact the registrar's office or the academic affairs office.

GENERAL ADVISING NOTES

Absences -- Report students with two absences in a row, with a pattern of absences, or with excessive absences. Information on absences is used to identify students who may need help, so that help can be made available as soon as possible. Federal regulations require that Doane be able to prove the last date of attendance for students. The Financial Aid Office needs to be informed soon after a student stops attending classes. Doane will be in noncompliance if such absences are not reported to the government during the first thirty days of nonattendance. Also report students about whom you are concerned for any reason.

Academic Dishonesty -- If there is evidence that a student has been dishonest in class, the instructor must follow the instructions in the Faculty Handbook or Adjunct Faculty Handbook.

Accounting -- Accounting majors are not encouraged to take a second major. Students with strong accounting backgrounds may attempt to test out of ACC 103. Students wishing to test out of the course should contact an accounting faculty member and discuss the process in detail. To test out of Acc 103, students must first enroll in ACC 103 in the fall semester and pass a comprehensive examination (with a C- or better) within the first week of class. Then, upon passing the examination, the student may continue in the course and receive a grade (A, B, C, etc.) or drop ACC 103, pay a fee, and receive credit for the course. In the latter case, the course will appear on the student's transcript as credit by examination, and the grade will be "P" (passed). NOTE: Some graduate schools in business require two graded accounting courses.

To sit for the CPA exam in the State of Nebraska, students are required to take 30 credit hours of accounting beyond the Principles level (ACC 103 and 104), plus a number of non-accounting courses. To meet Nebraska's (accounting) hour requirement, Doane College Accounting majors need to take an upper level accounting course during an interterm offered in the student's sophomore, junior, or senior year (the accounting interterm will be offered in two out of every four years). Accounting majors should ALWAYS have an accounting faculty member as an academic advisor to help navigate the many requirements.

ACT -- high composite scores -- Students with exceptional academic promise should be steered into language study. Those interested in the Fulbright program should begin language study as a freshman. Contact the academic affairs office for more information.

ACT -- low scores in reading -- If a student has a low ACT in reading (below 20), please limit the number of courses taken that require a lot of reading, but make sure the student is in one reading-intensive course.

Adding a course -- Make sure when adding credits that the student has not been limited to a maximum number of credits. The maximum number of credits a student may take without getting permission and without paying additional tuition is 17 credits; for ESP students this maximum is 20 credits. Students wishing to take more than 20 credits must pay the extra tuition and must have their advisor's approval.

Athletics -- Please schedule student athletes with approximate game and practice schedules in mind. Games and travel times may take students away from campus on certain days, and courses should be scheduled with these days and times in mind so that the student misses as few days of class as possible. Coaches do not ask students to miss class or to avoid scheduling a class at 3:00 p.m. because of athletic practice. If you have any questions, contact the Athletic Director.

Catalog of record -- The catalog of record is the catalog used for requirements for the major. Major requirements must be met by following the catalog in effect during the student's year of entry or during

subsequent terms of enrollment at Doane College. Students must declare their major and their catalog of record at the Registrar's Office.

CED 205/Internships – CED 205 is taken for "0" credit hours, lasts four weeks, and is offered at the beginning and toward the end of each semester. Students need to attend all four sessions of the class. Students interested in doing an internship should register for CED205 in the freshman or sophomore year. Be sure to note any internship requirements or restrictions in the major. A total of 12 internship credits may be applied toward the 132 credits required for graduation. Internships during the junior and senior years provide students with much needed experience in the chosen career field as well as frequently leading to employment with the internship site.

Changing advisors -- Students who wish to change advisors must do so officially through the registrar's office and must obtain the signature of the new advisor.

Changing a grade -- An instructor may change a grade already reported only if a computational error has been made or if the instructor has mislaid work that has subsequently been found. This change must be made through the registrar's office. A student has only ten days after the final grade report is posted to report an error or omission. Senior grades in May are considered correct and complete when processed just prior to Commencement.

Changing the major -- A student must change their major at the registrar's office by completing the appropriate paperwork.

Commencement: taking part before completion of requirements -- A student may take part in the Commencement ceremony: (1) if only one course is still to be completed and if that course is available at Doane during the summer (or elsewhere if the course is not available at Doane and has the registrar's approval), (2) if the student has preregistered for the course, and (3) if the student's cumulative GPA and major GPA at the end of the spring term are each 2.00 or above.

Arrangements must be made in advance through the registrar's office.

Common courses – A student who chooses to complete more than one major, minor, emphasis, or any combination may fulfill the requirements by using common courses unless otherwise specified.

Course substitutions/other exceptions -- For students seeking a substitution or other exception due to a disability, documentation of the disability must be provided upon request.

A form and committee approval is no longer needed for substitutions in a major/minor. Doane Plan substitutions will still need a form and will go to the DP committee. Students who need a substitution in their major can follow these procedures:

- A. The student and advisor provide the registrar with the request for making course substitutions in a major or minor. The request must contain a rationale for the change.
- B. The advisor and student must request supporting documentation from faculty in the content area if the advisor does not work within the major.
- C. The advisor and student must request approval from the division chair in which the major/minor is found.
- D. The registrar will make the appropriate changes in the major/minor as requested by student/advisor.

NOTE: The request, supporting documentation, and approval can be created, distributed, and forwarded to the registrar via email. A paper form is not required.

Credit limits -- Some new students and most probationary students are given credit limits when it seems that taking more credits would impair the student's chance of being successful. Please do not deviate

from the recommendations noted on the bottom of the gold sheet in the new student's file or from the limits stated in a student's probationary letter.

Cross Enrollment with Doane Lincoln -- Crete students who wish to take a course at Doane Lincoln during a regular academic term must receive permission from the VPAA. No special permission is required for Crete students to take courses in Lincoln during the summer, but students should contact the registrar before enrolling in a course in order to verify that the course meets certain requirements. Forms are available in the registrar's office.

Declaring a major -- As soon as the student has chosen a major, the student must complete an official declaration of major form at the registrar's office. The student and advisor should work through the courses to be taken during the remaining terms at Doane to help prevent future problems with alternate year courses and possible problems with timing of prerequisites for courses.

Degree audits -- Degree audits/program evaluations are available through WebAdvisor. Look over the audit with your advisee and plan out the rest of the student's terms at Doane in order to prevent problems later.

Directed studies and tutorials -- Forms are available in the registrar's office and must be filled out in advance of preregistration.

DLC 103 & 107 scheduling --DLC 103 and DLC 107 are scheduled at the same time. DLC 103 is the first half of the term and DLC 107 is the second half.

DLC/DSS differences -- DLC and DSS courses are not interchangeable. DSS courses are funded by a federal grant and students who participate in these courses must meet federal eligibility guidelines. The gold sheet in the student's file will state which course needs to be taken. It is possible, and even encouraged in some cases, for DSS-eligible students to enroll in some DLC courses, but only DSS-eligible students may enroll in DSS courses.

DLC/DSS requirements -- DLC/DSS courses listed on the gold sheet in the student's file are required unless otherwise noted on the sheet. Please schedule students into these courses as noted on the gold sheet and as follows:

- **Writing** -- (DLC 116, DSS 117) If required, the student must earn a C- before Eng 101 may be taken. Take DLC 116 or DSS 117 during the fall term.
- **Reading** (DLC 103/107, DSS 118) -- If required, the course(s) must be scheduled fall term. Have the student take at least one additional course that is reading-intensive, since the readings for that course will be used in teaching the DLC/DSS course, but limit the number of reading-intensive courses for that term.
- **Math** (DLC 090, DSS 090) -- If required, the course must be completed with a grade of C- or higher before any other math courses may be taken. Students should be urged to take it as soon as possible, while they remember their high school math. Students completing DLC/DSS 090 are required to complete a minimum of 135 credits for graduation.

Dropping a course or activity -- Make sure dropping a course or activity does not change the student to part-time (fewer than 12 cr.) or affect the student's financial aid, scholarships, or athletic eligibility. After Census Day, students must officially drop a course or activity at the registrar's office and a "W" will appear on the transcript. Failure to officially drop a course or activity may result in a grade of "F" which will appear on the transcript and will be figured into the student's GPA. (See also "International student credit loads.")

ENG 100 -- If required, the student must earn a C- before Eng 101 may be taken. New international students for whom English is not their native language must complete Eng 100 with a C- before enrolling in Eng 101.

English 101 -- First-year students with high ACT English scores and strong grades in high school English may wish to try to test out of English 101. Check with Betty Levitov or Brad Johnson for information on test outs. She/he will notify the registrar's office of results. If the student passes, she/he must pay \$150 (\$50/credit) at the business office, and then the course is put on the transcript. Some professional programs and graduate schools do not accept test-outs. Check the gold sheet in the student's file to see if the student should take Eng 101 or DLC/DSS. Generally, students who are not required to take a DLC/DSS writing course but who do not have strong writing skills should take Eng 101 in the fall. Students who have strong writing skills can wait until spring to take it.

ESP students -- Entering first-year students must have a minimum 27 composite score on the ACT to be eligible their first semester. Entering transfer students must have a combined minimum 3.5 cumulative grade point average and completed 24 semester hours from their previously attended institutions. Thereafter, a cumulative grade point average of 3.25 must be earned or maintained each term to gain or continue eligibility for the next term.

Extra costs for credits above 17 -- ESP students must pay extra tuition for credits above 20. Other students must pay extra tuition for credits above 17.

Financial Aid -- See the catalog or contact financial aid (8260) for answers to questions.

Foreign language -- Generally, students with two years in one language in high school should begin at the 200-level in that language, depending on when the language was taken. If the student feels there is some doubt about whether he/she is ready for that level, try to leave the time open for the lower-level course. Check with the instructor in that language if you think a student may be ready for a 300-level course. Opportunities are available to study abroad for those students interested in a language major; students should contact Jan Willems for further information.

Good standing -- Following are the cum GPAs required to be in good standing.

<u>Credits attempted</u>	<u>cum GPA</u>
12-35	1.70 or above
36-59	1.85 or above
60+	2.00 or above

Greek Week -- All students involved with Greek Week and Greek-related activities are expected to be in attendance at all classes and other events related to academic work.

Honors Program -- Selected students are invited to apply during their first fall at Doane. Students selected must maintain a cum GPA of 3.50. (See the Honors Program advising section of this Guide or contact Molly Rozum for further information.)

Honors requirements -- Students with high academic promise should be made aware of the following requirements for honors:

- Dean's List -- at least 12 graded credits with a 3.70 or higher
- Honors in Course -- Dean's List both terms & complete at least 30 graded credits for the year
- First-year honor societies (Alpha Lambda Delta/Phi Eta Sigma) -- 14 graded credits with a 3.50 or higher for the first term, or 28 graded credits with a 3.50 or higher for the first two terms.

- Honor societies for specific majors have their own requirements.

Incompletes -- An "I" may be given by an instructor if a student is not able to complete the work by the last day of the course because of **sickness or other extenuating circumstances** which that student has discussed with the instructor. The grade of "I" is given **at the discretion of the instructor, not the student**. The latest date for completion is usually 30 calendar days after the official ending of the course, but the instructor may set a different date. If no grade is received from the instructor by that date, a grade of "F" becomes the official grade.

International student absences -- Report international students with two absences in a row, with a pattern of absences, or with excessive absences to the SEVIS compliance officer (8215-jan.willems@doane.edu). Federal SEVIS regulations require that Doane be able to prove international students have maintained their F-1 student status by attending class. Doane will be in noncompliance if such absences are not reported to the government throughout each term.

International student credit loads -- International students attending Doane must be full-time (12 credits or more) during their first and subsequent terms at Doane. With prior approval of the SEVIS compliance officer (8215-jan.willems@doane.edu) (who will complete paperwork requesting INS approval for less than full-time enrollment), they may be less than full-time during their first term. If an international student is having academic difficulties during the first term, it may be beneficial to contact the SEVIS compliance officer to discuss contacting the INS for permission to reduce the course load. International students who drop below 12 credits without INS pre-approval are considered out of status and are present in the U.S. illegally the day they drop below 12 credits. Doane is legally required to submit information about international student course load. Please check with the SEVIS compliance officer before making any changes that will impact an international student's status.

International student major/minor: The Doane College SEVIS compliance officer must notify the INS each time an international student makes a change in his/her major/minor. Failure to do so will result in a lack of INS benefits for the student. Please contact the SEVIS compliance officer immediately each time an international student makes a change in a major or minor.

Internships -- If students want to do an internship, have them contact Career Development. Remind them that CED 205, a cum GPA of at least a 2.00, sophomore standing, and permission of the Career Development Director are prerequisites for an internship experience.

Interterm -- Full-time, degree-seeking students are required to complete an Interterm during their first year. If students are not registered for an Interterm course in January, they may not stay on campus during that month unless they have special permission from the Dean of Student Leadership. If a student registers for an off-campus Interterm course scheduled for a summer month and for an additional course during January, tuition will be charged for the three credits of instruction for the summer course. Graduating seniors who plan to take an off-campus Interterm after their May graduation may participate in the ceremony. However, all coursework must be completed and the grade processed in the registrar's office before the diploma and any graduation honor can be awarded. For transfer students the number of Interterms required may be different. See "Interterm Requirement" for the number of Interterms needed for transfer students. Students may take a second interterm in an academic year, but they must pay tuition for the second interterm.

Mathematics -- Please urge students to take the required math course as soon as possible, while they retain more of the math they learned in high school. Before enrolling a student in a math course, please check to see if a specific math course is required or recommended for the student's intended major.

REMINDER: Students required to take DLC/DSS 090 must complete that course with a C- or higher before taking a Mth course. They are also required to complete a minimum of 135 credits for graduation.

Enroll in:	If the student:
MTH 235	<ul style="list-style-type: none"> • has an ACT Math score of 23 or better AND has taken pre-calculus or trigonometry. • intends to major in Math, Computer Science, Physics, Economics, or Chemistry • intends to focus in one of the following areas in Biology: Pre-Med, Pre-Dental, Pre-Vet, Pre-PT, Pre-Optometry, or grad school
MTH 125	<ul style="list-style-type: none"> • needs MTH 235 for their major and meets one of the following: <ol style="list-style-type: none"> 1. has an ACT Math score of 22 or lower 2. has not taken Pre-calculus or Trigonometry • intends to major in Biology or Environmental Science and is not taking MTH 235
MTH 115	<ul style="list-style-type: none"> • intends to major in Accounting, Business, or IST and is not taking MTH 235
MTH 108	<ul style="list-style-type: none"> • needs an algebra-based course with an emphasis on practical applications
MTH 107	<ul style="list-style-type: none"> • needs a basic problem-solving course suitable for students in any major

Music scholarships --If there are questions about the requirements of a music scholarship, check the gold sheet in the student’s file or contact Jay Gilbert or Kurt Runestad. Register new voice students for Collegiate Chorale (Mus 192), but for students intending to be vocal majors or those who have vocal music scholarships, try to leave the Doane Choir (Mus 191) time slot open in case they do audition into choir. Register new band students for Concert Band (Mus 190). See also “Scholarship Requirements” in this guide.

Pass-Fail courses -- Some graduate and professional programs do not allow students to take required courses at Doane as pass-fail and/or do not allow students to test out of required courses. If you have questions about requirements, check the pre-professional advising sheet or contact the program advisor listed on the sheet. For the rules and limits on Pass/Fail, see “Pass/Fail Grading Options” in the catalog.

PEd 104 -- This course is completed by mid-term.

Permission for courses -- If a course requires permission, the student must get the instructor’s signature on an add form and take the form to the registrar’s office.

Repeating a course -- A student may repeat a course in which a D+ or below was earned. The original grade will still show on the transcript, but the grade earned when the course was repeated will be used in calculating the GPA. Repeating a course may have athletic eligibility or financial aid implications. Check with Peg Hart or the registrar concerning athletic eligibility.

Scholarship requirements -- For new students, check the gold sheet for scholarships to see if there is a required course or activity. If a student has several special scholarships, have the student consider taking a lighter load to allow for the extra time required by these scholarships. Keep in mind that there are requirements concerning graded credits to be eligible for academic honors.

Secondary education students -- These students should meet with Matt Kutcher, Frank Daniels, or Linda Kalbach early in their first term and prior to preregistration each term.

Special ability scholarships -- Students with art, music, theatre, and athletic scholarships must meet special eligibility requirements in order to keep their scholarships.

Study Abroad -- French, German, and Spanish majors are required to study abroad for one term. Students in the Honors Program also study abroad for one term or a summer. Students who plan to study abroad should contact Jan Willems as early as possible. A plan of study should be created for the student's remaining terms at Doane.

Taking a course at Doane Lincoln or at another institution during a regular term requires the permission of the Vice President for Academic Affairs. Students may take courses at Doane Lincoln during the summer with no special permission required. Students who wish to take courses at another institution during the summer should consult with the registrar's office to make sure the courses will transfer back to Doane as needed. Forms are available in the registrar's office.

Theatre students -- Theatre students (majors and those with scholarships) work on plays late at night. If possible, try to keep them out of early morning classes.

Transfer students -- Check the transcript on WebAdvisor for a list of transfer credits accepted. Make sure a student has not signed up for a course for which he/she has already received credit. If the transfer courses are not on the transcript, call the registrar's office for updated information.

Withdrawing from a course -- After Census Day (and before the deadline), the student must take a signed drop form to the registrar's office to officially drop a course and receive a "W" grade.

Withdrawing from Doane -- The withdrawal process begins in the student leadership office. See the catalog under "withdrawals" for further information.

ADVISING NOTES: GENERAL REQUIREMENTS & DOANE PLAN

GENERAL REQUIREMENT NOTES:

Prohibition against using a course to fulfill two requirements of the Doane Plan

One course may not be used to fulfill two requirements for the Doane Plan. The only exception to this is that a course may fulfill a requirement for the Doane Plan and still be counted toward the "W" requirement.

Counting a course for the major and the Doane Plan

A course may be counted toward a major or minor and also fulfill a requirement of the Doane Plan. For example, HIS 105 may be used toward the History Major and may also fulfill one of the Heritage Studies requirements for the Doane Plan.

New course options

Any course added to a Doane Plan category may be used as an additional option in that category regardless of the student's catalog of entry.

Pass-Fail option

Up to two Doane Plan courses may be taken Pass/Fail. If a student transfers in two or more courses for the Doane Plan, that student may not take any Doane Plan courses at Doane on a Pass/Fail basis. Students may not take a course using the Pass/Fail option until the junior or senior year. Note: Some graduate and professional schools do not recognize or accept Pass/Fail courses.

DOANE PLAN REQUIREMENTS

Check major, minor, and/or pre-professional requirements before selecting a course.

Heritage Studies

1. HIS 105 or 106 or 205 or 206 (1 course)
2. ENG 205 or 206 or 237 (1 course)
3. PRE 110, 111, 115, 120, 121, 215, 240 or PHI 212 (1 course)

Contemporary Issues

1. PSI 101 **or** PSI 105; BUS 101 **or** ECO 203; EDU 211 (2 courses w/ different prefixes)
2. PSY 117 or SOC 109 (1 course)

Cultural Perspectives

One of the following:

1. One semester of a foreign language or the equivalent of one semester of study abroad.
2. One course (usually taken as a junior or senior) from: ANT/SOC 308; BUS 346, 357; CMS 321; ECO 347; ENG 329; GEG 301; HIS 321; HIS 302, HIS/INT 314, 317, 318, 349; HIS/PSI 342; INT 310, 311, 315; PHI 310; PSI 215, RST 305/405, 315/415, 318/418; SOC 324.
3. If it is not possible to take any of the above courses, a student, with the permission of the Vice President for Academic Affairs, may meet this requirement by satisfactorily completing a College-sponsored international study tour and any additional stipulated requirements.
4. International students are considered to have met this requirement at matriculation.

Natural Science

1. Two courses, one of which must be a lab course, from: BIO 101,120*,121, 216, 260; CHM 101,125,126; GEG 112, GEO 101,103,107 (with or w/o lab), PHY 107,108, 201 202; AST 103 (with/without lab); PHS 105 [* 101 or 120, both may not be counted]

Mathematical Reasoning

1. MTH 107, 108, 115, 125, 235 (1 course)

Communication

1. ENG 101 or 201 (in the first year) (may test out of ENG 101 and purchase the credit) (See “English” for additional information.)
2. CMS 112, 210, 220 (1 course)
3. At least 15* credits of "W" courses, six of which will be above the 100 level (3 applied writing credits for the Owl or Xanadu can substitute for one three-credit "W" course)(Students who test out of Eng 101 will receive credit for that course toward fulfillment of the "W" requirement.)

*Exceptions in the required Number of "W" credits:

Students with transfer cr.:	Transfer Cr.	"W" Cr. Required
	1-30	12
	31-60	9
	61-99	6

Students on campus 2-3 years who will complete their program elsewhere:

Doane Cr.	"W" Cr. Required
1-30	6
31-60	9
61-99	12

Aesthetic Perspective

1. Three cr. from: ART 101, 107, 110, 204, 205, 207, 221, 222, 234, 235, 245, 252, 254; ATV 106, 173; ENG 210, FAR 103, 104; JOU 240; MUS 190, 191, 192, 195, 196, 111, 112, 211; THE 101, 103, 108, 109. [NOTE: MUS 105, 106, 107, 108 may not be counted toward this requirement.]

Health and Well-being

1. PED 101
2. PED 104

Liberal Arts Seminar (LAR 101)

All new students must take the Liberal Arts Seminar their first term at Doane, unless they transfer in 30 or more credits or have attended another institution for two terms/semesters as a full-time student. Successful completion of the Liberal Arts Seminar is required for graduation.

Liberal Learning

1. Complete six credits outside the primary major at the advanced level, 300 or 400 level, **and** Liberal Arts Seminar 101 (LAR 101). Or complete nine credits of courses at the 300 or 400 level in at least two different disciplines/prefixes that are not listed in the core requirements for the student's primary major (The disciplines/prefixes may be from the cognates for the primary major or from a secondary major or a minor, providing these disciplines/prefixes are not also listed as part of the core requirements for the primary major.)
2. One or two semesters of a single foreign language **at any level** can be applied toward the three required courses, providing that the course(s) are not being used to fulfill another requirement of the Doane Plan. International students may substitute Eng 201 for the one semester or Eng 201 and any literature course for the two semesters of a foreign language.

All students who completed a Liberal Arts Seminar (LAR) course can count those credits toward the liberal learning component.

3. Students in interdisciplinary majors (listed in the catalog) are considered to have fulfilled this requirement through their majors.
4. Cross-referenced courses may be used unless one of the prefixes for the course is a prefix listed in the core requirements for the major.
5. Directed studies may be used to fulfill this requirement, provided the directed study prefix is different from a core prefix in the major.
6. Internships may not be used to fulfill this requirement.

INTERTERM REQUIREMENT

1. All full-time, degree-seeking students are required to complete an Interterm during their first year.
2. Four Interterms are required by the Four Year Guarantee.
3. New students are required to take nine credits of Interterm, six credits of which must be ITM prefixed.
4. Transfer students use the chart below to determine the number of Interterms required.

<u># transfer credits</u>	<u>Interterm credits required</u>
1-30	9 (6 must be ITM prefixed)
31-60	6 (3 must be ITM prefixed)
61-99	3 (3 must be ITM prefixed)

GENERAL COMPETENCIES

Mathematics Competency (Met by any one of the following)

1. ACT math score of 19 or higher
2. SAT math score of 500 or higher
3. Pass Doane's Computational Skills Test
4. Complete DLC 090 or DSS 090 with a grade of C- or higher

Writing Competency (Met by any one of the following)

1. ACT English score of 19 or higher
2. Complete DLC 116 or DSS 117 with a C- or higher
3. For international students, complete Eng 100 with a grade of C- or higher

2012-13 HONORS PROGRAM

The Honors Program is designed to enrich, in a variety of ways, the educational experience of selected Doane students. Specialized, interdisciplinary, one-credit honors (302) seminars form the intellectual core of the program. One other important component of the Honors Program is a study abroad experience undertaken during the junior or senior year.

The first year honor's student is required to enroll in HNR 200 their spring semester, which is an introduction to the concept of honors study. Honor's students will take additional honors courses (HNR 302) every semester they are on campus, with the culminating experience being a collaborative research seminar (HNR 402) and required for all honors students in the cohort during their final spring semester at Doane. Student initiative, creativity, and leadership are expected in all phases of the program.

Application

All first-year students will be invited to apply for the Honors Program during their first fall semester at Doane. Students must fill out an application, submit an essay, and have one Doane College faculty member write a letter of recommendation. The new Honors cohort will begin the Honors Program in the spring semester.

Criteria for Admission

Students must be selected for entry into the Honors Program by a faculty committee and the VPAA. Talented students will be screened and chosen according to their academic potential, written and oral communication skills, accomplishments and talents, leadership, and commitment to academic excellence.

Criteria to Remain in the Honors Program

Once in the Honors Program, the student must maintain a minimum cumulative GPA of 3.50. A student whose cumulative GPA falls below 3.50 may appeal to the Honors Program Committee to continue in the program.

Other Requirements of the Honors Program

1. Attend *cultural and/or social gatherings* for honors students each term the honors student is on campus.
2. Begin *portfolio review* spring term of the first year and continue until the final portfolio review the senior year.
3. Undertake *community service*, with an emphasis on taking leadership roles, during the junior and senior years.
4. Plan for and work on the *honors project* (a collaborative, interdisciplinary project) beginning during the sophomore year and continuing through the senior year. Students will be expected to present their collaborative research project as well as their experiences in the honors program with other students in the honors program. Students will be encouraged to present their honors project at a national conference of honors programs.

Doane Plan Option

Honors students may design their own “*Doane Plan*” by selecting courses within Doane Plan categories to meet general educational requirements of the College. The Honors Committee must approve the proposed substitutions.

Criteria to Graduate from the Honors Program

In addition to the graduation requirements for all students, the Honors student must:

1. fulfill the requirements of the program as specified in the Honors Handbook
2. have a cumulative GPA of at least 3.50

If these criteria are met, an Honors Program designation will appear on the student’s transcript after graduation.

(Program advisor is Dr. Patrick Monaghan)

PREPARATIONS FOR GRADUATE SCHOOL

A student considering graduate school should begin the process no later than the junior year. A timetable for applying to graduate school programs is outlined below. A more complete timeline and more information are available from the career development office.

Junior Year

- Do research on possible schools and request needed catalogs and applications.
- Take any required tests towards the end of the junior year.
- Assist with a project or get an internship in the field.

Senior Year

Summer/September

- If not already done, take the standardized tests for admission.
- Choose which faculty members to ask for letters of recommendation.

October

- Research sources of financial aid.
- Write a draft of statement of purpose, and ask faculty or career development to critique.
- Ask faculty for letters of recommendation. Provide a copy of transcripts, resume, statement of purpose or anything else they will find helpful to write a knowledgeable recommendation.

November/December

- Arrange for official transcript to be sent to each program for which application is made.
- Finalize essays and statement of purpose.
- Apply for fellowships and other sources of financial aid.
- Check and record the due date for each application.
- Complete application forms for applications due early.

January

- Complete and mail the application forms for each school

February

- Prepare for admissions interviews.
- Fill out the Federal Student Aid (FAFSA) application. Tax forms are needed.

March/April

- The student should visit schools to which she/he has been accepted.
- Notify the programs whether or not accepting.

Career Development has the Peterson's Guides to Graduate Programs series as well as test preparation books, books on writing your essay, study guides for entrance tests and graduate test applications. Check out the Career Development website for other helpful information and links concerning graduate school.

The Academic Support Center provides test preparation materials, workshops, and individualized assistance for students wishing to enter graduate school or teacher education programs. Roy Scheele provides assistance with scholarship and personal essays.

Contact Carolyn Ersland in the Career Development office for help or further information.

**PRE-ART THERAPY
(Art Major)**

First Year		Second Year		Third Year		Fourth Year	
Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
Art 107	Art 110 Art 204	Art 207 Art 205	Art 307 Art 310	Art 315	Art 320 Art 326	Art 325	Group Exhibition

Additional requirements:

1. A total of 15 additional credits in elective studio courses to make a total of 46 credits in art.
2. 24 cr. hr. in psychology, including Psy 365 and Psy 416
3. Art 204, 352 (Art 352 should be taken by the end of the sophomore year.)
4. Art 271

Recommended courses:

1. Psy 255 and 256

Special notes:

1. A double major in art and psychology is recommended when possible.
Students with special ability scholarships in art must take two art classes each year.

**PRE-CHEMICAL ENGINEERING
(Chemistry Major)**

First Year		Second Year		Third Year		Fourth Year	
Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
Mth 235*	Mth 236	Mth 237	Mth 238	Chm 411	Chm 412	**	
Chm 125	Chm 126	IST 145	CmS 112/210/220	Chm 303	D Plan		
Phy 201	Eng 101	Chm 205	Chm 206	Chm 256	D Plan		
D Plan	Phy 202	D Plan	D Plan	Bus 305	D Plan		
LAr 101	PEd 101	PEd 104	D Plan	D Plan	D Plan		

* or Mth 107 (or 108) and 125 in the first year and 235-236 the second

**Transfer back 4 credits of chemistry from engineering school.

Additional requirements:

1. Interterms: (1st yr.) ITM, (2nd yr.) Phy graphics, (3rd yr.) Phy statics
2. Mth 329 (spring of odd years)
3. IST 145 or 205
4. Completion of the Doane Plan can provide the proper liberal arts requirements of the engineering school. However, they may vary somewhat, so check and plan EARLY. Any major meeting the prerequisites is okay with the engineering school.

Special Notes:

1. This schedule is based on the requirements for the UNL Industrial & Management Degree, which is subject to change without notice. Check with the program adviser if another graduate program is being considered.
2. To be able to handle the pre-engineering curriculum, the freshman should have a math ACT of 23 or higher and should have taken trigonometry and analytical geometry in high school.
3. Requirements for admission to most engineering schools--Cum GPA of 3.00 overall and in science and mathematics courses
4. Complete a major.
5. Physics 107 can be waived if the student has a strong physics and calculus background.

(Program advisor: Dr. David Clevette)

**PRE-CLINICAL SCIENCE
(Biology Major)**

First Year		Second Year		Third Year		Fourth Year	
Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
Chm 125	Chm 126	Chm 205	Chm 408***	Bio 335	Bio 317	Bio (b or any area)	Bio (b or any area)
Bio 120	Bio 121	Bio 260	Bio 202	CMS 112/210/220	Bio 356****	Bio/Chm 495	Bio/Chm 496
LAR 101	Eng 101	Eng **	Bio 348		Bio/Chm 351		
Mth 108*			Bio 295				

* UNMC will accept Mth 107 or higher; they prefer Mth 115 or 125

** Eng 201 or any course in English; their goal is for a student to have a second semester writing English papers.

*** or take Chm 206 and then take Chm 408 in the third year - Chm 408 is recommended

**** physiology (Bio 356) and molecular biology (Bio 335) are strongly recommended

Students must successfully complete 86 semester hours prior to application to the program.

Other GPA requirements may be necessary. Please see the web page for specific details.

http://www.unmc.edu/dept/alliedhealth/mt/index.cfm?L2_ID=11&L1_ID=4&CONREF=53

Additional requirements:

1. One course from each of the following groups, plus two additional courses from any group or groups for a total of five courses. Only one of the five courses may be a three-credit course without a laboratory component. Bio 340, Evolution, can count in any category.
 - a) Bio 308, 320, 330, 340, 355, 356
 - b) Bio 342, 340, 345, 350, 353
 - c) Bio 317, 335, 340, 348, 349, 412
2. Maximum of 4 credits of directed study may be counted toward the major.
3. Pass a departmentally administered exam with a score of 60% or higher.
4. Additional requirements are listed in the catalog.

(Advisors: Dr. Kate Marley, Dr. Barb Clement, Dr. Brad Elder)

**PRE-DENTISTRY
(Biology Major)**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Bio 120	Bio 121	Bio 260	Bio elective	Bio elective	Bio elective	Bio/Chm 495	Bio/Chm 496
Chm 125*	Chm 126*	Chm 205*	Chm 206*	Phy 107*	Phy 108*	Bio elective	Bio elective
Eng 101*	Mth	Eng 201**			Bio/Chm 351		
			Bio 295				

*required courses for dental school admissions

**required, or another course with a strong writing component

Additional requirements:

1. One course from each of the following groups, plus two additional courses from any group or groups for a total of five courses. Only one of the five courses may be a three-credit course without a laboratory component. Bio 340 can count in any category.
 - a) Bio 308, 320, 330, 340, 355, 356
 - b) Bio 340, 342, 345, 350, 353
 - c) Bio 317, 335, 340, 348, 349, 412
2. Maximum of 4 credits of directed study may be counted toward the major
3. Mth 107 or 108 or higher (235 is strongly recommended)
4. Pass a departmentally administered exam with a score of 60% or higher.
5. Additional requirements are listed in the catalog.

General considerations:

To be considered for admission to dental school students must complete 90 semester hours prior to matriculation, although almost all applicants have a four-year degree. Predental work may be completed at any accredited college or university in the United States or Canada.

Applicants take the DAT, generally any time from spring through summer or early fall of the application year, and scores do not need to be submitted with the application.

Early application submission is recommended. Applications are available at the end of May for that application year. Interviews begin being scheduled in late August, and it is not unusual for the class selections to be almost complete by Dec. 1. No student is accepted without an interview. Average entering GPA is 3.8, average DAT scores are 18-19. Extensive shadowing is strongly encouraged.

Recommended courses:

Elective courses may include: anthropology, business law, business organization, English literature, economics, anatomy*, biochemistry*, histology*, cell biology, comparative anatomy, genetics, mathematics, political science, psychology, sociology, immunology**, microbiology**, physiology*, vertebrate zoology. Also recommended: Management (Bus 242)

**strongly recommended*

***strongly recommended as schedule permits*

(Program advisor: Dr. Barb Clement)
(Additional advisor: Dr. Kate Marley)

**PRE-DENTAL HYGIENE
(UNMC model)**

<u>First Year</u>		<u>Second Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Bio 120	Bio 348	Bio 215	Bio 216
Chm 125	Chm 126	Psy 117	Cms 105
Eng 101	Soc 109	Eng 201 **	Hum. Elec.
Hum/Art Elec	Elective*	Ped 209	12-hr series ***

* Social and Behavioral Sci/Human Behavior/culture/social organization, 3 cr

** or another course with a strong writing component

*** a minor in which all courses have the same academic prefix. Consult the DH advisor for details.

General Considerations:

Recommended courses:

**(Program director: Dr. Barb Clement)
(Additional advisor: Dr. Kate Marley)**

**PRE-ENGINEERING
(Computer Science Major)**

When the first fall semester is an EVEN year:

First Year

Fall

LAr 101
IST 140
IST 145
Mth 235
Phy 201
PEd 101

(18 cr.)

Spring

IST 146
Mth 236
Mth 250
Phy 202
Eng 101
DPlan

(20 cr.)

Second Year

Fall

IST 246
Mth 237
Mth 330
IST 252
CMS

(19 cr.)

Spring

IST 314
Mth 238
PEd 104
DPlan
DPlan
ATV 137

(16 cr.)

Third Year

Fall

Mth 303
Chm 125
DPlan
DPlan
DPlan
IST 421

(19 cr.)

Spring

IST 315
IST 495 (1 cr)
Mth 329
Chm 126
IST 352
DPlan

(20 cr.)

When the first fall semester is an ODD YEAR:

First Year

Fall

LAr 101
IST 140
IST 145
Mth 235
Phy 201
PEd 101

(18 cr.)

Spring

IST 146
Mth 236
Phy 202
Eng 101
PEd 104
DPlan

(18 cr.)

Second Year

Fall

IST 252
Mth 237
Mth 303
CMS
IST 246
DPlan

(20 cr.)

Spring

IST 315
Mth 238
Mth 250
DPlan
DPlan
ATV 137

(18 cr.)

Third Year

Fall

IST 246
Mth 330
Chm 125
DPlan
DPlan
DPlan
IST 421

(18 cr.)

Spring

IST 314
IST 495 (1 cr.)
Mth 329
Chm 126
DPlan
DPlan

(20 cr.)

Additional requirements:

1. Three credits of IST 421, one credit of IST 495, and one credit of ATV 137 will be waived.
2. One Doane Plan course must be taken during an Interterm or during a summer.
3. Six credits of 246 or above IST courses will be transferred back from engineering school.
4. PhyEng1 must be taken during the sophomore interterm.
5. Additional requirements depend on the engineering school the student plans to attend (i.e., Columbia, Washington, UNL). Meet with the pre-engineering advisor, by the end of the first year.

Special notes:

1. To be able to handle the pre-engineering curriculum, the freshman should have a math ACT of 23 or higher and should have taken trigonometry and analytical geometry in high school.
2. Requirements for admission to most engineering schools -- cum GPA of 3.00 overall and in science and mathematics courses and completion of a major. Some engineering schools accept students under a 3-2 program.

(Program advisor: Chris Wentworth)

**PRE-ENGINEERING
(Physics Major)**

When the first fall semester is an ODD year:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Mth 235	Mth 236	Mth 237	Mth 238	Phy 301	Phy 302
Phy 201	Phy 202	Phy 314	Mth 329	Phy/Mth	Phy/Mth
D Plan	IST 145	D Plan	Phy 225	Chm 125	Bus 205
LAR 101	Eng 101	D Plan	Phy 306	D Plan	D Plan
PED 101	D Plan	D Plan	CMS 112/210/220	D Plan	D Plan
PED 104			D Plan		

When the first fall semester is an EVEN year:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Mth 235	Mth 236	Mth 237	Mth 238	Phy 314	Phy 306
Phy 201	Phy 202	Phy 301	Mth 329	Phy/Mth	Phy/Mth
D Plan	IST 145	D Plan	Phy 225	Chm 125	Bus 205
LAR 101	Eng 101	D Plan	Phy 302	D Plan	D Plan
PED 101	D Plan	D Plan	CMS 112/210/220	D Plan	D Plan
PED 104			D Plan		

Additional requirements:

1. Phy 435 (or 4 credits of 471). This can be completed by an appropriate engineering course transferred back to Doane.
2. Phy 395, 495, 496. This is the senior research project sequence. It can be satisfied by submission of an appropriate project done for an engineering course. Arrangements should be made with the program advisor.
3. Engineering Graphics should be taken during an Interterm.
4. Additional requirements depend on the engineering school the student plans to attend. Meet with the program advisor as soon as possible during the freshman year.

Special notes:

1. This schedule is designed for a 3-2 student who transfers to engineering school at the conclusion of the third year.
2. The choice of additional mathematics or physics courses in the third year depends on the intended engineering major. Check with program advisor for recommendations.
3. To handle the pre-engineering curriculum, the freshman should have a math ACT of 23 or higher and be prepared to take calculus.
4. Requirements for admission to most engineering schools -- cum GPA of 3.00 overall and in science and mathematics courses

(Program advisor: Dr. Chris Wentworth)

PRE-FORENSIC SCIENCE
(Biology, Biochemistry, or Chemistry Major)
(Nebraska Wesleyan University Master's Program)

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Chm 125	Chm 126	Chm 205	Chm 408	Bio 355	Bio 356		
Bio 120	Bio 121	Bio 260		Chm 303	Bio 335*		
			Bio 295				

*Spring Odd course (take third or fourth year)

Additional requirements:

1. The above program above reflects the requirements of the Master of Forensic Science program at Nebraska Wesleyan University. Students should be aware of the requirements for other programs to which they plan to apply.
2. Courses in Psychology and Statistics are recommended.
3. Nebraska Wesleyan University requires a grade of 2.67 or better in all prerequisite courses.

(Program director: Dr. Kate Marley)
(Additional advisor: Dr. Barb Clement)

**PRE-FORESTRY
(Biology Major)
(Duke University)**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Bio 120	Bio 121	Bio 260	Bio	Bio	Bio	Bio	Bio
Chm 125	Chm 126	Phy 107	Phy 108				
		Bio 201					
			Bio 295				

Additional requirements:

1. One course from each of the following groups, plus two additional courses from any group or groups for a total of five courses. Only one of the five courses may be a three-credit course without a laboratory component.
 - d) Bio 308, 320, 321, 330, 340, 355, 356
 - e) Bio 340, 342, 345, 350, 353
 - f) Bio 317, 335, 340, 348, 349, 412
6. Maximum of 4 credits of directed study may be counted toward the major
7. Mth 107 or 108 or higher (235 is strongly recommended)
8. Pass a departmentally administered exam with a score of 60% or higher.
9. Additional requirements are listed in the catalog.

Recommended courses:

1. Phy 107, 108
2. Geo 103 or 101
3. Mth 235
4. Eco 203, 204

Special Notes:

1. Students should make themselves aware of the particular requirements for their intended forestry graduate program, since there is variation in requirements from one program to another. The requirements given above are for Duke University.

(Program advisor: Dr. Russ Soucek)

PRE-LAW
(No specific major)

Special Notes:

1. Completion of a major is required; no specific major is required.
2. Possible courses are listed below

General Information: The legal profession exists for the purpose of solving problems and resolving conflicts within the framework of law. The adversary court process requires that lawyers possess a wide range of knowledge and skills in order to synthesize the many elements of a litigation into an effective case. Consequently, a broadly-based education is ideal for a pre-law student. Too much specialization as an undergraduate reduces the prospect that a student will possess the range of skills required for the legal profession.

Requirements: Students preparing for the legal profession should have proficiency in the following areas:

1. comprehension and expression in English,
2. understanding human institutions and values, and
3. analytical skills.

English and other courses which require considerable reading and analytical writing are ideal for developing verbal skills. Institutions are studied in a variety of courses including business, history, sociology, politics, and government. Many courses in the humanities and social sciences consider value questions, and most college courses develop analytical skills.

Possible Courses: Students should choose a major that develops some of the aforementioned skills and understanding. Students should then take courses outside their major which further develop the necessary skills and understanding. Some possible courses are listed below:

Acc 103, 104
Bus 242 or 341 or 342 or 410
CmS 210, 351
Eco 203 (or 271), 204 (or 290)
Eng 101, 201, 302, 306
His 205, 206, 305
PRe 111, 115
PSi 101, 243, 234, 328, or 332
Psy 117, 336
Soc 109, 288
The 101, 103

(Program advisor: Dr. Wendy Hind)

PRE-MEDICINE
(Biology Major) (or Chemistry or Biochemistry Major)
(UNMC)

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Bio 120	Bio 121	Bio 260	Bio 202	Bio 355	Bio 356	Bio/Chm 495	Bio/Chm 496
Mth 107 (or 108)/235*	Eng 101	Chm 205	Chm 206		Chm 408***	Bio (area b)	Bio (any area)
Chm 125	Chm 126	Phy 107**	Phy 108**		Bio/Chm 351		
LAR 101			Bio 348/335				
			Bio 295				

* Mth 235 is strongly recommended

**Take in second or third year

***Take in the third or fourth year

Additional requirements:

1. One course from each of the following groups, plus two additional courses from any group or groups for a total of five courses. Only one of the five courses may be a three-credit course without a laboratory component. Bio 340 can count in any category.
 - g) Bio 308, 320, 330, 340, 355, 356
 - h) Bio 340, 342, 345, 350, 353
 - i) Bio 317, 335, 340, 348, 349, 412
10. Maximum of 4 credits of directed study may be counted toward the major
11. Pass a departmentally administered exam with a score of 60% or higher.
12. Additional requirements are listed in the catalog.

Special notes:

1. UNMC will not accept P/F grades or CLEP or AP grades toward required courses. For more information, see <http://www.unmc.edu/dept/com>.

(Program advisors: Dr. Barbara Clement, Dr. Kate Marley,
 Dr. Chris Wentworth, Dr. David Clevette)

**PRE-ACCELERATED BACHELOR OF SCIENCE IN NURSING
Biology Major
(Based on UNMC program)**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Bio 120	Bio 121	Bio 260	Bio 202	Bio	Bio	Bio	Bio
Chm 125	Chm 126	Chm/Phy*	Chm/Phy*		Bio 351	Bio 495	Bio 496
Mth			Bio				
			Bio 295				

* take Phy 107 & 108 or take 8 additional credits of chemistry

Additional requirements:

1. One course from each of the following groups, plus two additional courses from any group or groups for a total of five courses. Only one of the five courses may be a three-credit course without a laboratory component. Bio 340 can count in any category.
 - j) Bio 308, 320, 330, 340, 355, 356
 - k) Bio 340, 342, 345, 350, 353
 - l) Bio 317, 335, 340, 348, 349, 412
13. Maximum of 4 credits of directed study may be counted toward the major
14. Mth 107 or 108 or higher (235 is strongly recommended)
15. Pass a departmentally administered exam with a score of 60% or higher.
16. Additional requirements are listed in the catalog.

General Considerations

An accelerated Bachelor's degree or Bachelor of Science in Nursing (BSN) is a 12 month accelerated college nursing degree program for individuals who already have a 4 year college degree from an accredited college or university. In the nursing courses, you will rotate through several areas of the hospital including pediatrics, surgery, geriatrics, medical, surgical, newborn nursery, critical care, and the psychiatric unit. Bachelor degree students also receive experience and education in research, community health and management.

(Program advisor: Dr. Barb Clement)
(Additional advisor: Dr. Kate Marley)

**PRE-NURSING
(UNMC model)**

First Year

Fall

Bio 215
Chm 125
Eng 101
Psy 117
Elective

Spring

Bio 216
PEd 209
Humanities
Psy 255*/Elective
Soc 109

Second Year

Fall

Bio 260
Eng 201
PRe 111
Psy 256*/ Elective
Bio 295

Spring

Bio 348
PSi 101
FamHumBehavior**
Required Elect.***
Soc 324

Note: 7-9 credits of Elective courses must be taken in addition to the "Required Elective" in Spring of year two

* Both Psy 255 and 256 are required to fulfill the developmental psychology requirement; Psy 256 is a Fall Odd course. Or, complete the required Human Development course that is now available by correspondence through UNL. Other options include Psych 289 or FACS 160 at UNL, Psych 2960 at SCC, Psych 135/Nursing 135 at Nebraska Wesleyan.

** Family and Human Behavior suggested course: Soc 366, a Spring Odd course

*** Required elective: includes one additional course from one of the following categories: humanities, political science/ social organization, family and human behavior, culture/race/ethnicity/gender. Instead of one of these courses, student may choose a course in genetics or immunology.

Additional requirements:

1. 64 credit hours are required for admission. Non-nursing science and liberal arts prerequisites may be taken at a variety of accredited institutions of higher education.
2. The required Pharmacology and Nutrition courses are available by contacting the UNMC College of Nursing.
3. Math competency (student must be ready for college algebra or have Math ACT of 22 or higher).

Special Notes:

1. Check with Dr. Clement ASAP, since program requirements vary slightly from school to school.
2. Admission to UNMC is competitive, based on GPA.

(Program director: Dr. Barbara Clement)
(Additional advisor: Dr. Kate Marley)

PRE-OCCUPATIONAL THERAPY
(entry level Master of Occupational Therapy)
(Based on College of St. Mary)

General Considerations:

OT programs vary widely. Programs may require 60-90 or more credits to be admitted, some are master's level, some doctoral level (DOT). Some schools offer freshman pre-admit programs. Some require a standardized exam such as the GRE, others do not. The student should check with the school to determine transferability of classes taken elsewhere. It is **STRONGLY** advised that the student identify as early as possible schools he/she is interested in and determine the requirements for those programs before progressing too far in the undergraduate work.

Some programs are 3 + 1.5, in which students transfer in the first 3 years of college coursework, then complete 1.5 years at the OT school, earning both a bachelor's and master's degree.

Additional requirements/comments:

1. Typically, students must maintain a 3.0-3.2 minimum GPA in the prerequisite courses, and 3.0-3.2 GPA in science.
2. Demonstrated clock hours of OT volunteer work is required in many schools.
3. Admission is competitive, and based on prerequisite and cumulative grade point averages, letters of reference, and interview.

(Program director: Dr. Barb Clement)
(Additional advisor: Dr. Kate Marley)

**PRE-OPTOMETRY
(Indiana University School of Optometry model)
Biology Major**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Chm 125	Chm 126	Phy 107	Phy 108	Bio 355***	Bio 356***	Bio 495	Bio 496
Mth 235*	Eng 101	Bio 260	Bio 330	Chm 205	Chm 408***	Bio 348	Bio
Bio 120	Bio 121	Eng 201**	Bio 202		Bio 351		
			Psy 117				
			Bio 295				

*One term of calculus is required for almost all programs.

**Or one other course with strong writing component

***Strongly recommended

Additional requirements:

1. One course from each of the following groups, plus two additional courses from any group or groups for a total of five courses. Only one of the five courses may be a three-credit course without a laboratory component. Bio 340 can count in any category.
 - m) Bio 308, 320, 330, 340, 355, 356
 - n) Bio 340, 342, 345, 350, 353
 - o) Bio 317, 335, 340, 348, 349, 412
17. Maximum of 4 credits of directed study may be counted toward the major
18. Mth 107 or 108 or higher (235 is strongly recommended)
19. Pass a departmentally administered exam with a score of 60% or higher.
20. Additional requirements are listed in the catalog.
21. At least 20 credit hours must be at the 300-400 level.

General recommendations:

90 semester hours at an accredited college or university, with a bachelor's degree strongly recommended. Pre-optometry requirements must be completed by the time the student enters the School of Optometry. Students who already have a bachelor's degree with a major in a science field are often fully prepared for admission. Those with degrees in non-science fields may find additional coursework required. There are many colleges of optometry with differing requirements. Check with Dr. Clement or check the catalogs of specific colleges for their complete requirements.

Recommended courses:

1. Phy 312 (spring of even years), Small Business Management (1 semester), Medical Terminology (1 semester), Histology (1 semester), Ethics (1 semester)

**(Program director: Dr. Barb Clement)
(Additional advisor: Dr. Kate Marley)**

**PRE-PHYSICIAN'S ASSISTANT
(Biology Major)
(Based on UNMC requirements)**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Chm 125	Chm 126	Bio 260	Bio 202	Bio 355	Bio 356	Bio 317	Bio (area b)
Psy 117	Bio 121	Chm 205	Chm 206**	Eng 201	Chm 408***	Bio/Chm 495	Bio/Chm 496
LAR 101	Eng 101	Psy 256*	Bio 348		Psy 416		
Bio 120			Psy 255		Bio/Chm 351		
			Bio 295				

*Psy 256 is offered alternate years. Only two more courses are required for a psychology minor.

**one semester of organic chemistry (205) is required at UNMC; two semesters (206) are recommended

***biochemistry (408) is strongly recommended

Additional requirements (based on the requirements for UNMC):

1. Minimum of 50 credit hours (completed by June 1 of the year of intended enrollment)
2. One course from each of the following groups, plus two additional courses from any group or groups for a total of five courses. Only one of the five courses may be a three-credit course without a laboratory component.
 - p) Bio 308, 320, 321, 330, 340, 355, 356
 - q) Bio 340, 342, 345, 350, 353
 - r) Bio 317, 335, 340, 348, 349, 412
3. Maximum of 4 credits of directed study may be counted toward the major
4. Mth 107 or 108 or higher (235 is strongly recommended)
5. Pass a departmentally administered exam with a score of 60% or higher.
6. Additional requirements are listed in the catalog.

(Program directors: Dr. Kate Marley, Dr. Barbara Clement)

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>PRE-PHARMACY Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Chm 125	Chm 126	Chm 205	Chm 206				
Bio 120							

Additional requirements (based on requirements for UNMC):

1. A minimum of 60 credit hours
2. Bio
3. Eng 101
4. CmS or Eng 201
5. Three to five credit hours of calculus
6. SSi 217 or Bio 295
7. Chm 303 or Phy 107
8. One additional course from: Mth 107, Mth 108, Mth 125, Phy 107, Chm 303, IST 145, PRe 110
9. Acc 103
10. Eco 203 or 204
11. Three credits from psychology and three credits from sociology
12. At least 2 courses from: history, philosophy, humanities

Recommended courses:

1. Chm 203

Special notes:

1. A chemistry major is recommended.

(Program advisor: Dr. David Clevette)

**PRE-PHYSICAL THERAPY
(Biology Major)
(Based on UNMC requirements)**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Chm 125*	Chm 126*	Phy 107	Phy 108	Bio 355	Bio 356	Bio/Chm 495	Bio/Chm 496
Bio 120	Bio 121	Bio 260	Bio 202	PEd 345**	PEd 346**	Bio (area b or c)	Bio (area b or c)
		PEd 106	Bio (area b or c)		Bio/Chm 351		
		Chm 205*					
			Bio 295				

* only one year of chemistry is required by UNMC; however, other programs may require Chm 205.

** students find several courses in PEd appropriate for their preparation. These include PEd 221, 345, 346, and 448.

Students intending to enroll early must complete 90 semester credits prior to July 15 preceding the intended fall semester of enrollment in the DPT program at UNMC. These 90 semester credits must include three upper level courses in the student's intended major.

Additional requirements:

1. One course from each of the following groups, plus two additional courses from any group or groups for a total of five courses. Only one of the five courses may be a three-credit course without a laboratory component. Bio 340, Evolution, can count in any category.
 - a) Bio 308, 320, 330, 340, 355, 356
 - b) Bio 340, 342, 345, 350, 353
 - c) Bio 317, 335, 340, 348, 349, 412
2. Mth 107 or 108 or higher (Mth 235 is strongly recommended)
3. Maximum of four credits of directed study may be counted toward the major
4. Pass a departmentally administered exam with a score of 60% or higher.
5. Additional requirements are listed in the catalog.

(Program directors: Dr. Kate Marley, Dr. Barb Clement)

PRE-VETERINARY SCIENCE
(Biology, Biochemistry, or Chemistry Major)
(Based on the requirements for Iowa State and Kansas State)

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Chm 125	Chm 126	Chm 205	Chm 206	Bio 355	Bio 356	CMS 210	
Bio 120	Bio 121	Bio 260	Bio 348	Phy 107	Phy 108		
Eng 101				Eng 201	Chm 408		

Additional requirements:

1. 8-12 additional credits in Arts, Humanities, and/or Social Sciences
2. 9 additional elective credits in any field
3. GRE
4. The plan above will meet the requirements of both Kansas State and Iowa State. The requirements for other programs may differ somewhat and students should be familiar with the requirements of programs to which they plan to apply.

(Program director: Dr. Kate Marley)
(Additional advisor: Dr. Barb Clement)

**ART MAJOR
Teacher Certification**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Art 107	Art 110 Edu 101 (Rec.)	Art 207 Edu 211	Art 307 Art 310 Edu 221 IST 201	Edu 321& lab Art 315 Edu 325	Edu 361 Art 326 Art 320 Edu 341& lab	Art 325 Edu 455	Group Exhibition

Additional requirements:

1. Art 201, 209, 211, 231, 232, 235, 350
2. Art majors are required to take Art 204, 205, 252, and 358 by the end of the junior year.
3. Seven additional elective credits in art
4. Students must complete all requirements for Secondary Education.
5. Multicultural Interterm during the third or fourth year; contact the education department about exceptions.

Scholarship requirements:

1. Students with special ability scholarships in art must take two art courses per year, one of which must be a studio course.

Special Notes:

Students should meet Dr. Frank Daniels, or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.

ART MAJOR
Graphic Design Emphasis

<u>Fall</u>	<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	
Art 107	Art 207	Art xxx*	Art 258	Art 303	Art 252	Art 403	Art 404	
	Art 110	Art 260	Art 209		Art 304	Art xxx*	Art xxx*	
		Art 235	Art xxx*			Art 460		
							Group Exhibition	

Additional requirements:

1. 6 additional credits chosen from: Art 225, 234, 256, 355, 357
2. *Minimum of 6 (maximum of 15) additional elective credits in art
3. Participation in a group senior exhibit

Scholarship requirements:

Students with special ability scholarships in art must take two art courses per year, one of which must be a studio course.

**ART MAJOR
Art History**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Art 107	Art 110	Art 205	Art 209		Art 252	Art 460	
	Art 207	Art 260	Art 204				Group Exhibition

Additional requirements:

1. Take Art: 201, *211, 234, *235, *254, *350, *355
**check with your advisor on classes that are offered every other year*
2. Six credits of any foreign language
3. Art 421 – 2-6 credits of Art Internship

*Art 235 is an every other fall semester class, offered fall odd, please plan accordingly and take sophomore or junior years.

Scholarship requirements:

1. Students with special ability scholarships in art must take two art courses per year, one of which must be a studio course.

**ART MAJOR
Liberal Arts**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Art 107	Art 110	Art 307	Art 258		Art 252	Art 460	
	Art 207	Art 260					Group Exhibition

Additional requirements:

Take Art: 204, 205, 209, *235, 254 – *check with your advisor on classes that are offered every other year*

A minimum of 6 (maximum of 18) additional credits in elective studio courses.

*Art 235 is an every other fall semester class, offered fall odd, please plan accordingly and take sophomore or junior years.

Scholarship requirements:

2. Students with special ability scholarships in art must take two art courses per year, one of which must be a studio course.

**ART MAJOR
Professional**

	<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Art 107		Art 110	Art 207	Art 258	Art xxx	Art 252	Art xxx	Art xxx
			Art 260	Art 307	Art xxx	Art xxx	Art xxx	Art xxx
							Art 460	
								Group Exhibition

Additional requirements:

Take: ART 204, 205, **235, 254 – *check with advisor on classes that are offered every other year*

Minimum of 24 (maximum of 33) additional credits in art.

**Art 235 is an every other fall semester class, offered fall odd, please plan accordingly and take sophomore or junior years.

Scholarship requirements:

1. Students with special ability scholarships in art must take two art courses per year, one of which must be a studio course.

BIOLOGY MAJOR

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Bio 120	Bio 121	Bio 260	Bio 202	Bio	Bio	Bio/Chm 495	Bio/Chm 496
Chm 125	Chm 126	Chm/Phy*	Chm/Phy*		Bio/Chm 351	Bio	Bio
			Bio				
			Bio 295				

*take Phy 107 & 108 or take 8 additional credits of chemistry

Additional requirements:

1. One course from each of the following groups, plus two additional courses from any group or groups for a total of five courses. Only one of the five courses may be a three-credit course without a laboratory component. Bio 340 can count in any category.
 - s) Bio 308, 320, 330, 340, 355, 356
 - t) Bio 340, 342, 345, 350, 353
 - u) Bio 317, 335, 340, 348, 349, 412
22. Maximum of 4 credits of directed study may be counted toward the major
23. Mth 107 or 108 or higher (235 is strongly recommended)
24. Pass a departmentally administered exam with a score of 60% or higher.
25. Additional requirements are listed in the catalog.

(Program director: Dr. Kate Marley)
(Additional advisors: Dr. Barb Clement, Dr. Brad Elder,
Dr. Russ Soucek and Dr. Tessa Durham-Brooks)

BIOLOGY MAJOR
Teacher Certification

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Bio 120	Bio 121	Bio 260	Bio 348	Edu 321& lab	NSi 326	Edu 453	
Chm 125	Chm 126	Edu 211	Edu 221	Bio 351	Edu 361	NSi 327	
Mth 107 or 108		Bio 295	NSi 322	Edu 325	Edu 341& lab		
	Edu 101 (Rec.)		IST 201	NSi 324	Bio 494		

Additional requirements:

1. Phy 107
2. Geo 103 or 101
3. At least one course chosen from each of the following groups, plus two additional courses chosen from the group(s) below for a total of five courses. Bio 340, Evolution, can count in any of the three groups.
 - (a) Bio 308, 320, 330, 340, 355, 356
 - (b) Bio 340, 342, 345, 350, 353
 - (c) Bio 317, 335, 340, 349, 412
4. Complete all requirements for Secondary Education.
5. Multicultural Interterm during the third or fourth year; contact the education department about exceptions.

Recommended courses:

1. Math 235

Special Notes:

Students should meet with Dr. Frank Daniels, or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.

BIOCHEMISTRY MAJOR

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Bio 120	Bio 121	Bio 260	Bio 335*/elective	Bio 335*/elective	Chm 408*/elective	Bio/Chm 495	Chm 408*/elective
Chm 125	Chm 126	Chm 205	Chm 206	Chm 303	Bio/Chm 351	D Plan	Bio/Chm 496
Mth 235	Eng 101	Phy 107/201	Bio/Chm	Bio/Chm	Bio/Chm	D Plan	D Plan
LAr-101	D Plan	D Plan	D Plan	D Plan	D Plan	D Plan	D Plan
	PEd 101	PEd 104			D Plan	D Plan	Elective**

* alternate year courses

** or take a minimum of two additional credits at some point

Additional requirements:

1. Three courses chosen from Bio 317, 348, 349, 355, 356, 412, Chm 322, 326, 411. At least one course must have a Bio prefix and at least one course must have a Chm prefix.

Recommended courses:

1. Bio 295, Phy 108 (or 202), and Mth 236 are strongly recommended.

Special notes:

1. Mth 236 is a prerequisite for Chm 411.
2. Phy 108 is required for entrance into most medical schools.

Program advisor: Dr. Erin Wilson

BUSINESS ADMINISTRATION MAJOR

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
ACC 103 & lab	ACC 104 & lab	ECO 203	ECO 204	BUS 250	BUS 365	BUS xxx*	BUS 496
		BUS 226	BUS 215	BUS xxx*	BUS xxx*		BUS xxx*
			BUS 242				
			BUS 251				

Additional requirements:

1. *Complete 12 additional credits of 300/400 level Business courses (excluding 421) with at least 3 of those credits at the 400 level.
2. Bus 496 plus 6 business credits at the 300/400 level (excluding 421) must be completed in residence through the division of Economics and Business.
3. No more than 48 credits of Bus-prefixed courses may apply toward graduation.
4. Only two 300-level Economics courses may be used toward the 12 additional credits required for the Business Administration major.

Students choosing a business administration major may want to focus on a specific functional area of business and should consider the following suggested electives for each area:

Graduate school:

Bus 339, Mth 235. Pre-law students should consult with the pre-law advisor for further details

General management:

BUS 315*, 339, 346, 350, 353, 360, 410, 455; other relevant courses: PSY 336 (prereq of PSY 117 or SOC 109), PSY 365 (prereq of PSY 117 and sophomore standing)

Finance:

Bus 307, 358, 394*, 445; other relevant courses: Acc 231*, 232, ECO 303, MTH 235, 236

Human resource management:

Bus 315, 346, 361, 410, 418; other relevant courses: Psy 336, CMS 321, PSY 336 (prereq of PSY 117 or SOC 109), PSY 365 (prereq of PSY 117), SOC 324

International business:

Bus 346, 357, Bus/Eco 358 (prereq of Eco 203); or relevant courses: His 353, Soc 308, CMS 321, and foreign language courses*

Marketing:

Bus 324, 356, 357, 360, 453; other relevant courses: Art 258 (prereq of Art 107) IST 355 (prereq of IST 146 or permission), CMS 210, JOU 113

* Often required in careers in this field

CHEMISTRY MAJOR

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Chm 125	Chm 126	Chm 205	Chm 206		Chm 351	Chm 411	Chm 412
	Mathematics					Chm 495	Chm 496

Additional requirements:

1. Chm 303
2. Two additional courses from Chm 322, 326, 408
3. Mth 235, 236 (Calc I & II)
4. Phy 107, 108 (or 201, 202)

Recommended courses:

1. German 101 & 102
2. IST 145 & 146
3. Bio 120
4. Recommended electives are advanced courses in Bio, IST, Mth, Phy and Art 110, Bus 242

Program advisors: Dr. David Clevette, Dr. Andrea Holmes
and Dr. Erin Wilson

CHEMISTRY MAJOR
Teacher Certification

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Chm 125	Chm 126	Chm 205	Chm 206	Chm 411	Chm 412	Edu 453	Chm 496
	Mathematics	Edu 211	Edu 221	Edu 321& lab	Edu 361	NSi 327	
	Edu 101(Rec.)		NSi 322	NSi 324	Edu 341& lab	Chm 495	
			IST 201	Edu 325	NSi 326		
					Chm 351		

Additional requirements:

1. Chm 303, 408
2. One additional course in chemistry at 300-400 level.
3. Phy 107 & 108 (or 201, 202)
4. Bio 120
5. Ast 103 and 103L or Geo 103 or Geo 101
6. Mth 235, 236
7. Completion of a second teaching major or subject endorsement.
8. All requirements listed under Secondary Education in the catalog.
9. Multicultural Interterm during the third or fourth year; contact the education department about exceptions.

Special Notes:

1. Students should meet with Dr. Frank Daniels or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.

COACHING ENDORSEMENT

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
		PEd 221*		PEd 345**	OR	PEd 346	

* PEd 221 could be taken the first year

**Bio 101 is recommended as a prerequisite to this course.

Additional requirements:

1. PEd 106
2. Four courses chosen from the following: PEd 308, 309, 310, 311, 312, 314
Begin taking these courses in the second year.
3. A teaching major

Recommended courses:

1. PEd 118

ECONOMICS MAJOR

<u>Fall</u>	<u>First Year</u>	<u>Fall</u>	<u>Second Year</u>	<u>Fall</u>	<u>Third Year</u>	<u>Fall</u>	<u>Fourth Year</u>
Eco 203	<u>Spring</u> Eco 204		<u>Spring</u>		<u>Spring</u>		<u>Spring</u>

Additional requirements:

1. Eco 303 or 304
2. Eco 340
3. Bus 215 (take as soon as possible) or Mth 356
4. Eco 495
5. Four additional courses in Eco at 300-400 level

Recommended courses:

1. Mth 303

EDUCATION
Early Childhood Endorsement

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
	Edu 338*	Edu 211	Edu 221	Edu 311	Edu 312	EdC 447	
Edu 101 (opt.)		EdS 207	Edu 318	Edu 321& lab	Edu 341& lab	EdC 457	
Psy 117		Mth 217	Edu 338*	EdC 425	EdC 427		
			Psy 255	Edu 322**	Edu 323**		

*Edu 338 may be taken spring term of the first or second year.

**Edu 322 and 323 may be taken fall or spring of the third year or of the second year with permission.

Additional requirements:

1. Completion of an elementary education major or a special education major.
2. Multicultural Interterm during the third or fourth year; contact the education department about exceptions.

EDUCATION
Elementary Education Major

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
	Edu 338****	Edu 211	Edu 221*	Edu 311	Edu 341& lab*	Edu 330	Art 326
Edu 101 (Rec.)		Mth 217**	Edu 338****	Edu 321& lab*	Edu 312	Edu 451***	
			Edu 318**	Mth 217**	Edu 318**	Mus 226*****	
			IST 201	Edu 322*****	Edu 323*****		

-- IST 201 should be taken before Edu 211 (but they be taken concurrently)

* for transfer students--take 221&321 concurrently, not 321&341

** must be taken as a fall/spring sequence 2nd or 3rd year. Students going abroad need to take Mth 217 and Edu 318 in their second year; others take it in their third year

*** a student who is not a special ed/elementary ed double major may choose to student teach and take Edu 451 in the spring

**** may be taken spring term of first or second year

***** music majors use Mus 221

***** Edu 322 & 323 may be taken fall or spring of the third year or of the second year with permission

Additional requirements:

1. Bio 101
2. PhS 105 or Geo 103 or Geo 101
3. CmS 112 or 210 or 220
4. His 205 or 206
5. PEd 101, 104, 450 (double majors with PEd use PEd 459)
6. PSi 101
7. Three credits in math (excluding Mth 217, 326)
8. Complete all requirements under Elem. Educ. in the catalog.
9. Multicultural Interterm during the third or fourth year; contact the education department about exceptions.
10. Complete a second teaching major or endorsement area chosen from the following:
 - a) major: Spanish, music, mathematics, natural science, physical science, biology, chemistry, physical education, special education.
 - b) endorsement: early childhood, middle school

Special Notes:

Elementary education majors who are also majoring in special education or who have an endorsement in middle school or early childhood are required to take EdS 207. All other elementary education majors will take either EdS 207 or EdS 620.

EDUCATION
Middle School Endorsement

	<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Area 1		Edu 338*	Edu 211	Edu 221**	Edu 321& lab**	Edu 341& lab**	Edu 458	
Area 2		Area 1	Area 1	Edu 318***	Edu 311	Edu 312	Mus 226***	
		Area 2	Area 1	Edu 338*	Area 1	Edu 322 or 323***	Edu 350	
	Edu 101 (Rec.)		Area 2	Edu 322 or 323***	Area 2	Edu 318***		
			IST 201	Edu 250	Edu 322	Area 1		
			The 320****	Area 2		Area 2		
				SSi 322				
				(for SSi only)				
				(begin methods sequence				
				The 320-326)****				

-- IST 201 should be taken before Edu 211 (but they be taken concurrently)

*spring term of the 1st or 2nd year

**for transfer students -- take 221 & 321 concurrently, not 321 & 341

***spring term of 2nd or 3rd year

****or take Art 326

Additional requirements:

Demonstrate competence in two or more Areas of Specialization with a minimum of 18 semester hours in each for a total of 36 semester hours. An endorsement in Special Education Mild/Moderate K-12 Education may be accepted in lieu of an Area of Specialization. Specialization coursework must be selected from the following lists.

Complete all courses in two or more areas from the following:

- a) Art: Art 110, 201, 204, 205, 207, 310, and one elective (at least 2 credits from any studio course or art history course)
- b) Foreign Language (one language): French 203, 204, 310, 312, 319, 321, 322, 324, 325, 423
German 203, 204, 310, 311, 322, 323, 324, 325, 415, 429
Spanish 203, 204, 305, 306, 312, 314, 317, 319, 321, 325
Courses taken in an experience abroad may be substituted for the courses above
- c) Language Arts: Edu 312, Eng 101, 231, 237 (or 205 or 206), 323, 324, 325, 326, CmS 112 (or 210 or 220), 321
- d) Mathematics: Mth 107 (or 108), 115, 125, 217, 235, 323, 324, 325
- e) Natural Science: Ast 103 (3 cr.), Bio 120, Geo 101 (or 103), Geo 107 (3 cr.), NSi 324, PhS 105
- f) Physical Education: PEd 106, 118, 201, 233, 234, 345 (or 346), 352, 355
- g) Social Science: Geg 301, His 105, 106, 205, 206, PSi 101, SSi 322****
**** (SSi 322 is for SSi students only and must be taken sophomore spring)

Multicultural Interterm during the third or fourth year; contact the education department about exceptions.

EDUCATION
Teacher Certification - Secondary or K-12

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Edu 101 (Rec.)		Edu 211	Edu 221*	Edu 321& lab*	Edu 361	Edu 453	
			IST 201	Edu 325	Edu 341& lab*	methods	
			(begin methods sequence)**				

-- IST 201 should be taken before Edu 211 (but they can be taken concurrently)

*for transfer students--take Edu 221&321 concurrently, not 321&341

**see the major sheet(s) for specific courses and terms

Additional requirements:

1. Complete a major or endorsement in one of the following, Art, Biology, Chemistry, *Computer Science*, English, English/Language Arts, French, German, History, Mathematics, Music, Natural Science, Physical Education, Physical Science, Physics, Political Science, Social Science, Spanish, and Theatre. (Underlined majors require a second teaching major. Endorsement is in italics.)
2. All other requirements listed under the catalog section Secondary Education.
3. Overall GPA of at least 2.80 in all Education courses
4. Multicultural Interterm during the third or fourth year; contact the education department about exceptions.

Special Notes:

1. Students should meet with Dr. Frank Daniels, or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.

A computer science endorsement may be added to the above teaching majors. See the sheet describing the computer science teaching endorsement.

EDUCATION
Teacher Certification (secondary/K-12) and Middle School Endorsement

	<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Area 1		Edu 338*	Edu 211	Edu 221**	Edu 321& lab**	Edu 341 & lab**	Edu 458	
Area 1		Area 1	IST 201	Edu 318***	Edu 311	Edu 312	Mus 226*****	
Area 2		Area 2	Area 1	Edu 338*	Edu 325	Edu 361	Edu 350	
		Area 2	Area 2	Edu 322 or 323***	Area 1	Edu 322 or 323***	Edu 453	
	Edu 101 (Rec.)			Edu 250	Area 1	Edu 318***		
			(begin methods sequence)****		Area 2	Area 2		

* spring term of the 1st or 2nd year

** for transfer students -- take 221 & 321 concurrently, not 321 & 341

*** spring term of 2nd or 3rd year

**** see the major sheet for specific courses and terms

*****or take Art 326

Additional requirements:

1. Demonstrate competence in two or more Areas of Specialization with a minimum of 18 semester hours in each for a total of 36 semester hours. An endorsement in Special Education Mild/Moderate K-12 Education may be accepted in lieu of an Area of Specialization. Specialization coursework must be selected from the following lists.

Complete all courses in two or more areas from the following:

A. Art: Art 110, 201, 204, 205, 207, 310

B. Foreign Language (one language): French 203, 204, 310, 312, 319, 321, 322, 324, 325, 423

German 203, 204, 310, 311, 322, 323, 324, 325, 415, 429

Spanish 203, 204, 305, 306, 312, 314, 317, 319, 321, 325

C. Language Arts: Edu 312, Eng 101, 231, 237 (or 205 or 206), 323, 324, 325, 326, CmS 112 (or 210 or 220), 321

D. Mathematics: Mth 107 (or 108), 115, 125, 217, 218, 235, 323, 324

E. Natural Science: Ast 103 (3 cr.), Bio 120, Geo 101 (or Geo 103), Geo 107 (3 cr.), NSi 324, PhS 105

F. Social Science: Geg 301, His 105, 106, 205, 206, PSi 101, SSi 322** (for SSi students only-soph)

2. Complete a major or endorsement in one of the following: Art, Biology, Business Principles, Chemistry, Computer Science, English, English/Language Arts, French, German, History, Mathematics, Music, Natural Science, Physical Education, Physical Science, Physics, Political Science, Social Science, Spanish, and Theatre. (Underlined majors require a second teaching major. Endorsement is in italics.)

3. All other requirements listed under the catalog section Secondary Education.

4. Overall GPA of at least 2.80 in all Education courses.

5. Multicultural Interterm during third or fourth year; contact education department about exceptions

Special Notes:

1. Students should meet with Dr. Frank Daniels, or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.

EDUCATION

Elementary Education and Special Education (Double Major)

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Eng 101	PEd 101	Edu 211	Edu 221**	Edu 311	Edu 341	Edu 330	EdS 426
PSi 101	PEd 104	EdS 207	Edu 338	Edu 321	Edu 312	Edu 451	EdS 428
His 205 - OR	His 206	CmS 112/210/220	EdS 236	Mth 217	Edu 318	Mus 226	EdS 456
LAr 101	Bio 101	PhS105/Geo103/101	DPlan	EdS 328	EdS 332		Art 326***
DPlan*	DPlan*	IST 201	PEd 450	Edu 322	Edu 323		

**for transfer students--take 221&321 concurrently, not 321&341

***May be taken during the spring of the third year with permission of the division chair.

Additional Requirements

1. Complete all requirements under Elementary Education and Special Education in the catalog.
2. Multicultural Interterm after first year.

EDUCATION
Special Education Major

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
	Edu 338*	Edu 211	Edu 221**	Edu 321& lab**	Edu 312		EdS 426
Eng 101 (Rec)		EdS 207	Edu 338*	EdS 328	Edu 341& lab**		EdS 428
			EdS 236	Edu 311	EdS 332		EdS 456
		IST 201		Mth 217***			

*may be taken the spring term of the first or second year

**for transfer students--take 221&321 concurrently, not 321&341

***may be taken fall term of the second or third year

Additional requirements:

1. Additional requirements for Special Ed. Major in the catalog.
2. Multicultural Interterm during the third or fourth year; contact the education department about exceptions.

ENGLISH MAJOR
Creative Writing Emphasis

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
	Eng 101 or 201		Eng 231 Eng 302	Eng 305 Eng 392	Eng 393		Eng 495

Additional requirements:

1. Eng 301 or 342
2. Eng 202, 238 or 285
3. Eng 312 or 316
4. Eng 485, 496 or 497

Recommended courses:

1. Students interested in poetry are recommended to take Eng 202, 316, 496.
2. Students interested in fiction are recommended to take Eng 238, 312, 497.
3. Activities - Xanadu and Owl

Special Notes:

1. First year and second year generally take at least one writing or literature course each term.
2. Third year take at least 2 of the five required courses each term or other advanced courses where scheduling warrants.
3. Fourth year complete all other required courses in the fall term.

**ENGLISH MAJOR
General Emphasis**

<u>Fall</u>	<u>First Year</u>	<u>Second Year</u>	<u>Third Year</u>	<u>Fourth Year</u>
	<u>Spring</u>	<u>Fall</u> <u>Spring</u>	<u>Fall</u> <u>Spring</u>	<u>Fall</u> <u>Spring</u>
	Eng 101 or 201			Eng 495

Additional requirements:

2. Eng 305, 392, 393
3. Eng 342 or 351
4. Twelve additional credits in English (excluding Eng 100, 101, 326)(one foreign language literature course may be substituted for one English literature course in this requirement)

Recommended courses:

1. Activities - Xanadu and Owl

Special Notes:

4. First year and second year generally take at least one writing or literature course each term.
5. Third year take at least 2 of the five required courses each term or other advanced courses where scheduling warrants.

Fourth year complete all other required courses in the fall term.

**ENGLISH MAJOR
Teacher Certification**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Edu 101 (Rec.)		Edu 211	Edu 221*	Edu 321& lab*	Edu 341& lab *	Edu 453	
Eng 101 or 201			Eng 323	Eng 324	Edu 361	Eng 326	
			IST 201	Edu 325	Eng 325		

*for transfer students -- take 221 & 321 concurrently, not 321 & 341

Additional requirements:

1. Eng 305, 392, 393, 495
2. Eng 342
3. Eng 231
4. Eng 302, 306, 326
5. The 103
6. CmS 112
7. One additional teaching major or subject endorsement.
8. All requirements listed in the catalog under Secondary Education.
9. Multicultural Interterm during the third or fourth year; contact the education department about exceptions.

Special Notes:

Students should meet with Dr. Frank Daniels or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.

**ENGLISH/LANGUAGE ARTS MAJOR
Teacher Certification**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
The 103/108	Eng 206	Edu 211	Edu 221*	Eng 305	Eng 393	Eng 326	Eng 495
CmS	CmS	The 103/108	Eng 231	Eng 392	Eng 306	Edu 453	
112/210/220	112/210/220	The 217	Eng 323	Edu 321& lab*	Edu 361	The 325	
Eng 101	Eng 201/302	IST 201	The 320	Eng 324	Edu 325		
Jou/Eng 113			Jou/Eng 213	Eng 325	The 324		
	Edu 101 (rec.)		CmS	The 322	Edu 341& lab*		
			112/210/220				

*for transfer students -- take 221 & 321 concurrently, not 321 & 341

Additional requirements:

1. One credit of Atv 173
2. Jou 105 (fall) or 353 (spring)
3. All requirements listed under Secondary Education in the catalog.
4. Multicultural Interterm during the third or fourth year; contact the education department about exceptions.

Special Notes:

2. Students should meet with Dr. Frank Daniels or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.

ENGLISH AS A SECOND LANGUAGE MAJOR

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Eng 101		Eng 201	Eng 231	ESL 325*	Eng 306 ESL 326*	ESL 421	

*May be taken in the second year.

Additional requirements:

1. Three credits chosen from Eng 301, 312, 327
2. CmS 112 or 210 or 220 or Jou 105/353
3. Soc 109, Ant/Soc 308
4. Six credits from Eng 237, 302, 305, 393, Psy/Soc 336, Soc 370, CmS 351, CmS/IDS 321
5. Completion of the Second Language Competency: Proficiency in a language not one's own at an intermediate level. Students will demonstrate competency comparable to successful completion of second year college coursework in a foreign language. (This requirement is waived for non-native speakers of English.)
6. English Language proficiency annual test of English language skills.

**ENGLISH AS A SECOND LANGUAGE
Teaching Endorsement**

First Year

Fall

Language
Eng 101

Spring

Language

Second Year

Fall

Eng 201
Edu 211

Spring

Eng 231
Edu 221

Third Year

Fall

Edu 325 or 361
ESL 325*

Spring

CmS 321
Edu 341 & lab
ESL 326*

Fourth Year

Fall

ESL 455 or
Edu 455

Spring

* May be taken in the second year.

Additional requirements:

1. Complete one of the following: special education major, elementary education major, or a teaching major for grades 7-12 (and its secondary or K-12 endorsement).

ENVIRONMENTAL SCIENCE MAJOR

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Bio 120	Bio 121	Bio 260	Chm 126	Bio 342	Bio 348	EVS 495	EVS 496
Geo 101		Chm 125		EVS 351			
Mth xxx		Bio 295		Chm 205			
LAR 101				or 303*			

Additional requirements:

1. EVS 301 (offered fall even years)
2. Eco 203, 309, Eng 318 (or His 320), Bus 410
3. A minimum of 7 credits from the following groups (one course from each group, of which one must be 4 credits)
 - a. Bio 308, 320, 349, 353
 - b. Chm* (4 cr), EVS 101, Geo 107, His 352, PSI 213, 234, 313, Phy 107, 108, 201, or 202 (or 108 or 201 or 202)
5. Early in their course of study, students should work closely with their advisor and appropriate faculty to ensure that prerequisites are met.
6. Cms 210 is strongly recommended.

*Students interested in employment or further study in air quality should take Mth 235.

* Students interested in environmental chemistry should take Chm 303 and one additional four-credit chemistry course.

Complete A, B, or C:

A. Biology Emphasis

Compete Bio 248, Chm 205 (or 303), and a minimum of seven credits from each of the following groups (at least one three- or four- credit course must be from each group):

1. Bio 320 (or 330), 308, 337, 349, 353
2. Chm (any four-credit course excluding Chm 101), Evs 101, Geo 197, His 352, Psi 213, 234, 313, Phy 107, 108, 201, or 202.

B. Chemistry Emphasis

Complete 1, 2, and 3.

1. Chm 205, 303
2. Eight credits chose from the following: Chm 206, 322, 326, 408
3. A minimum of three credits chosen from the following: Evs 101, Geo 107, His 352, Psi 213, 234, 313, Phy 107, 108, 201 (or 202).

C. Computational Thinking Emphasis

Complete 1, 2, and 3.

1. Mth 107, Ist 145, Ist 146, Evs 320 (Intro to GIS)
2. Complete one course chosen from Phi 105, Mth 108
3. A minimum of three credits chosen from the following: Chm (any four credit course excluding Chm 101), Evs 101, Geo 107, His 352, Psi 213, 234, 313, Phy 107, 108, 201, or 202.

Notes:

1. Students completing this major may not minor in Environmental Studies.
2. Students must formally declare a biology, chemistry, or computational thinking emphasis at the registrar's office.
3. Environmental Science majors are considered to have met the liberal learning requirement of the Doane Plan by completion of the major.

(Program advisor: Dr. Russ Soucek)

FRENCH MAJOR

Students entering at the 100 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Fre 101	Fre 102	Fre 203	Fre 204		Study Abroad		

Students entering at the 200 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Fre 203	Fre 204				Study Abroad		

Additional requirements:

1. Completion of additional courses to make a total of 30 credits of French, excluding 101, 102, 319, 321, 324, 325.
2. A student must earn 12 to 17 credits in French in a semester or summer abroad program, with the approval of the department. The student has the option of earning up to 24 credits for a full year abroad.

Special notes:

1. Upper-level courses are offered alternate years.
2. One course in French fulfills the Doane Plan Cultural Perspectives requirement. One to two courses in French may be used toward Liberal Learning.

**FRENCH MAJOR
Teacher Certification**

Students entering at the 100 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Fre 101	Fre 102	Fre 203	Fre 204	Edu 321	Study	Edu 453	
Edu 101		Edu 211	Edu 221	Edu 341	Abroad	Fre 325	
			Fre 319	Edu 325			
			Edu 361	Fre 321			
				Fre 324			

Students entering at the 200 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Fre 203	Fre 204	Edu 211	Fre 319	Edu 321	Study	Edu 453	
Edu 101			Edu 221	Edu 341	Abroad	Fre 325	
			Edu 361	Edu 325			
				Fre 321			
				Fre 324			

Additional requirements:

1. Completion of additional courses needed to make a total of 30 credits of French, excluding 101, 102, 319, 321, 324, 325.
2. A student must earn 12 to 17 credits in French in a semester or summer abroad program, with the approval of the department. The student has the option of earning up to 24 credits for a full year abroad.
3. Complete all requirements listed under the catalog section Secondary Education.
4. Complete one additional teaching major or subject endorsement.
5. Multicultural Interterm during the third or fourth year; contact the education department about exceptions.

Special notes:

1. Students should meet with Dr. Frank Daniels or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.
2. Upper-level courses are offered alternate years.
3. One course in French fulfills the Doane Plan Cultural Perspectives requirement. One to two courses in French may be used toward Liberal Learning.

FRENCH and BIOLOGY (Double Major)

Students planning a double major in biology and French should follow this schedule of classes in order to complete both majors (including a semester in France during the junior year) in four years. If you have questions, contact Dr. Maureen Franklin.

Students entering at the 100 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Fre 101	Fre 102	Fre 203	Fre 204	Bio/Chm 351	Study	Fre xxx	Fre xxx
Bio 120	Bio 121	Bio 260	Bio	Bio	Abroad	Bio	Bio
Chm 125	Chm 126	Phy/Chm*	Phy/Chm*	Fre xxx	(12 cr. of	Bio/Chm 495	Bio/Chm 496
Mth **	Bio 202	Bio 295	D Plan	D Plan	French)	Fre xxx	D Plan
LAr 101	Bio	CMS***	D Plan	D Plan		D Plan	D Plan
Eng 101	Ped 101	CED 205		PEd 104		D Plan	

Students entering at the 200 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Fre 203	Fre 204	Fre xxx	Fre xxx	Bio/Chm 351	Study	Fre xxx	PEd 104
Bio 120	Bio 121	Bio 260	Bio	Bio	Abroad	Bio	Bio
Chm 125	Chm 126	Phy/Chm*	Phy/Chm*	Bio	(12 cr. of	Bio/Chm 495	Bio/Chm 496
Mth **	Eng 101	Bio 295	D Plan	Fre xxx	French)	D Plan	D Plan
LAr 101	Bio 202	CMS***	D Plan	PEd 101		D Plan	D Plan
		CED 205		D Plan			

* take Phy 107&108 or 8 additional credits of chemistry

** Mth 107 or 108 or higher, Mth 235 is strongly recommended

***CmS 112 or 210 or 220

Additional Requirements:

1. Complete 30 credits of French beginning at the intermediate level (excluding 319, 321, 324, 325).
2. A student must earn 12 to 17 credits in French in a semester or summer abroad program, with the approval of the department. The student has the option of earning up to 24 credits for a full year abroad.
3. One course from each of the following groups and two additional courses from any group or groups for a total of five courses. Only one of the five courses may be a three-credit course without a lab component.
 - a) Bio 308, 320, 330, 340, 355, 356
 - b) Bio 340, 342, 345, 350, 353
 - c) Bio 317, 335, 340, 348, 349, 412
4. A maximum of four credits of biology directed study at any level may be counted toward the major.
5. Pass a departmentally administered biology exam with a score of 60% or higher
6. Additional requirements are listed in the catalog.

FRENCH and BUSINESS ADMINISTRATION (Double Major)

Students planning a double major in business administration and French should follow this schedule of classes in order to complete both majors (including a semester in France during the junior year) in four years. If you have questions, contact Dr. Maureen Franklin.

Students entering at the 100 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Fre 101	Fre 102	Fre 203	Fre 204	Bus 250	Study	Fre xxx	Fre xxx
Acc103&L	Acc104&L	Bus 251	CMS*	D Plan	Abroad	Bus xxx	Bus 496
Mth 115**	Eng 101	D Plan	Bus 215	Science	(15 cr. of French)	Bus xxx	Bus 365
Eco 203	Eco 204	Bus 226	D Plan	Fre xxx		Science	D Plan
LAr 101	D Plan	CEd 205	Bus 3xx	D Plan		D Plan	D Plan
	PEd 104			BUS xxx		PEd 101	

Students entering at the 200 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Fre 203	Fre 204	Fre xxx	Fre xxx	Bus 341	Study	Fre xxx	Bus 365
Acc103&L	Acc104&L	Bus 251	CMS*	D Plan	Abroad	Bus xxx	Bus 496
Mth 115**	Eng 101	Bus 215	Bus 212	Science	(12 cr. of French)	Bus xxx	D Plan
Eco 203	Eco 204	Bus 226	Bus xxx	Fre xxx		Science	D Plan
LAr 101	D Plan	CEd 205	Bus 3xx	D Plan		D Plan	D Plan
	PEd 104	PEd 101				D Plan	
		D Plan					

*CmS 112 or 210 or 220

**Mth 115 or 235

Additional Requirements:

1. Complete 30 credits of French beginning at the intermediate level (excluding 319,321,324,325).
2. A student must earn 12 to 17 credits in French in a semester or summer abroad program, with the approval of the department. The student has the option of earning up to 24 credits for a full year abroad.
3. Complete 12 additional credits of 300/400 level Business courses (excluding 421) with at least 3 of those credits at the 400 level.

Special Notes:

2. Students choosing a business administration major may want to focus on a specific functional area of business and should consider the following suggested electives for each area:
 - Graduate school:** Bus 339, Mth 235. Pre-law students should consult with pre-law advisor for further details.
 - General management:** Bus 315*, 339, 342, 346, 350, 353, 410, 455; other relevant course: Psy 336 (prereq of Psy 117 or Soc 109).
 - Finance:** Bus 307, 358, 394*, 445, 460*; other relevant courses: Acc 231*, 232, Mth 235, 236.
 - Human resource management:** Bus 315, 346, 361, 410, 418; other relevant courses: Psy 336 (prereq of Psy 117 or Soc 109), 365 (prereq of Psy 117), Soc 324, CMS 321.
 - International business:** Bus 346, 357; Bus/Eco 358 (prereq of Eco 203); other relevant courses: His 353, Soc 308, CMS 321, and foreign language courses*.
 - Marketing:** Bus 301, 324, 357, 360, 453; other relevant courses: Art 258 (prereq of Art 107), IST 355 (prereqs of IST 146), CMS 210, JOU 113.
- * Often required in careers in this field.

GERMAN MAJOR

Students entering at the 100 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	or	<u>Spring</u>	
Ger 101	Ger 102	Ger 203	Ger 204	Study Abroad		Study Abroad	

Students entering at the 200 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	or	<u>Spring</u>	
Ger 203	Ger 204			Study Abroad		Study Abroad	

Additional requirements:

1. Complete 30 credits of German beginning at the intermediate level (excluding 322, 323, 324, 325)
2. A student must earn 12 to 16 credits in German in a semester or summer abroad program, with the approval of the department. The student has the option of earning up to 24 credits for a full year abroad.

Special Notes:

1. Most upper level courses are offered alternate years.
One course in German fulfills the Doane Plan Cultural Perspectives requirement. One to two courses in German may be used toward Liberal Learning.

GERMAN MAJOR Teacher Certification

Students entering at the 100 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Ger 101	Ger 102	Ger 203	Ger 204	Edu 321	Study	Edu 453	
Ed 101(Rec.)		Edu 211	Edu 221	Edu 341	Abroad	Ger 325	
			Ger 322	Edu 325			
			Edu 361	Ger 323			
				Ger 324			

Students entering at the 200 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Ger 203	Ger 204	Edu 211	Ger 322	Edu 321	Study	Edu 453	
	Edu101(Rec.)		Edu 221	Edu 341	Abroad	Edu 325	
			Edu 361	Ger 325			
				Ger 323			
				Ger 324			

Additional requirements:

1. Complete additional courses to total 30 credits of German beginning at the intermediate level (excluding 322, 323, 324, 325)
2. A student must earn 12 to 16 credits in German in a semester or summer abroad program, with the approval of the department. The student has the option of earning up to 24 credits for a full year abroad.
3. Complete all requirements listed under the catalog section Secondary Education.
4. Complete one additional teaching major or subject endorsement.
5. Multicultural Interterm during the third or fourth year; contact the education department about exceptions.

Special Notes:

1. Students should meet with Dr. Frank Daniels or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.
2. Most upper level courses are offered alternate years.
3. One course in German fulfills the Doane Plan Cultural Perspectives requirement. One to two courses in French may be used toward Liberal Learning.

GERMAN and BIOLOGY (Double Major)

Students planning a double major in biology and German should follow this schedule of classes in order to complete both majors (including a semester in Germany during the Junior year) in four years. If you have questions, contact Dr. Kristin Hetrick.

Students entering at the 100 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Ger 101	Ger 102	Ger 203	Ger 204	Bio/Chm 351	Study	Ger xxx	Ger xxx
Bio 120	Bio 121	Bio 260	Bio	Bio	Abroad	Bio	Bio
Chm 125	Chm 126	Phy/Chm*	Phy/Chm*	Ger xxx	(12 cr. of German)	Ger xxx	D Plan
Mth **	Bio 202	Bio 295	D Plan	D Plan		D Plan	D Plan
LAr 101	Bio	CMS***	D Plan	D Plan		D Plan	Bio/Chm 496
Eng 101	Ped 101	CED 205		PEd 104		Bio/Chm 495	

Students entering at the 200 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Ger 203	Ger 204	Ger xxx	Ger xxx	Bio/Chm 351	Study	Ger xxx	PEd 104
Bio 120	Bio 121	Bio 260	Bio	Bio	Abroad	Bio	Bio
Chm 125	Chm 126	Phy/Chm*	Phy/Chm*	Ger xxx	(12 cr. of German)	Bio/Chm 496	Bio/Chm496
Mth **	Eng 101	Bio 295	D Plan	PEd 101		D Plan	D Plan
LAr 101	Bio 202	CMS***	D Plan	D Plan		D Plan	D Plan
		CED 205		Bio			

* take Phy 107&108 or 8 additional credits of chemistry

** Mth 107 or 108 or higher, Mth 235 is strongly recommended

***CmS 112 or 210 or 220

Additional Requirements

1. Complete 30 credits of German beginning at the intermediate level (excluding 319, 321, 324, 325).
2. A student must earn 12 to 16 credits in German in a semester or summer abroad program, with the approval of the department. The student has the option of earning up to 24 credits for a full year abroad.
3. One course from each of the following groups and two additional courses from any group or groups for a total of five courses. Only one of the five courses may be a three-credit course without a lab component.
 - 1) Bio 308, 320, 330, 340, 355, 356
 - 2) Bio 340, 342, 345, 350, 353
 - 3) Bio 317, 335, 340, 348, 349, 412, 415
4. A maximum of four credits of biology directed study at any level may be counted toward the major.
5. Pass a departmentally administered biology exam with a score of 60% or higher.
6. Additional requirements are listed in the catalog.

GERMAN and BUSINESS ADMINISTRATION (Double Major)

Students planning a double major in business administration and German should follow this schedule of classes in order to complete both majors (including a semester in Germany during the junior year) in four years. If you have questions, contact Dr. Kristin Hetrick.

Students entering at the 100 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Ger 101	Ger 102	Ger 203	Ger 204	Bus 250	Study	Ger xxx	Ger xxx
Acc103&L	Acc104&L	Bus 251	CMS*	D Plan	Abroad	Bus xxx	Bus 496
Mth 115**	Eng 101	Bus 215	PEd 101	Science	(15 cr. of German)	Bus xxx	Bus xxx
Eco 203	Eco 204	Bus 226	Bus 242	Ger xxx		Science	Bus 365
LAr 101	D Plan	CEd 205	Bus 3xx	D Plan		D Plan	D Plan
		PEd 101	D Plan				

Students entering at the 200 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Ger 203	Ger 204	Ger xxx	Ger xxx	Bus 250	Study	Ger xxx	Bus xxx
Acc103&L	Acc104&L	Bus 251	CMS*	D Plan	Abroad	Bus xxx	Bus 496
Mth 115**	Eng 101	D Plan	Bus 215	Science	(12 cr. of German)	Bus xxx	Bus 365
Eco 203	Eco 204	Bus 226	Bus 242	Ger xxx		Science	D Plan
LAr 101	D Plan	CEd 205	Bus 3xx	D Plan		D Plan	Elective
	PEd 104	PEd 101				D Plan	
		D Plan				Elective	

*CmS 112, 210 or 220

**Mth 115 or 235

Additional Requirements:

1. Complete 30 credits of German beginning at the intermediate level (excluding 319, 321, 324, 325).
2. A student must earn 12 to 16 credits in German in a semester or summer abroad program, with the approval of the department. The student has the option of earning up to 24 credits for a full year abroad.
3. One Bus xxx course must be at the 400 level.
4. Bus 496 and 12 additional business credits at the 300 or 400 level (excluding 317, 319, 321, 421) must be completed in residence through the Division of Business and Economics.

Special Notes:

1. Bus 307 and 394 should not be taken the same term.

2. Students choosing a business administration major may want to focus on a specific functional area of business and should consider the following suggested electives for each area:

Graduate school: Bus 339, Mth 235. Pre-law students should consult with pre-law advisor for further details.

General management: Bus 315*, 339, 342, 346, 350, 353, 410, 455; other relevant course: Psy 336 (prereq of Psy 117 or Soc 109).

Finance: Bus 307, 358, 394*, 445, 460*; other relevant courses: Acc 231*, 232, Mth 235, 236

Human resource management: Bus 315, 346, 361, 410, 418; other relevant courses: Psy 336 (prereq of Psy 117 or Soc 109), 365 (prereq of Psy 117), Soc 324, CMS 321.

International business: Bus 346, 357; Bus/Eco 358 (prereq of Eco 203); other relevant courses: His 353, Soc 308, CMS 321, and foreign language courses*.

Marketing: Bus 301, 324, 357, 360, 453; other relevant courses: Art 258 (prereq of Art 107), IST 355 (prereqs of IST 146), CMS 210, JOU 113.

* Often required in careers in this field.

HISTORY MAJOR

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
His 105/205	His 106/206	His 105/205 His 220	His 106/206 His 3xx	His 3xx	His 3xx	His 3xx	His His 3xx 496

Additional requirements:

1. Five additional elective courses with at least one course from each of the areas of American, European, and Non-Western history.

Special Notes:

Areas -- American: His 307, 305, 306, 312, 315, 320, 321, 329, 337, 352, 354

European: His 317, 318, 335, 341, 346, 348

Non-Western: His 304, 314, 326, 338, 342, 350, 353

**HISTORY MAJOR
Teacher Certification**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
His 105	His 106	His 205	His 206	Edu 321	Edu 361	Edu 453	His 496
	Edu 101 (Rec.)	Edu 211	Edu 221**	SSi 323	SSi 324	SSi 325	
		His 220	SSI 322	Edu 325	Edu 341		
			His #1*	His #2*	His #4*		
				His #3	His #5*		

* Five additional elective courses in history with at least one course from each of the areas of American, European, and Non-Western history.

**for transfer students -- take 221 & 321 concurrently, not 321 & 341

Additional requirements:

1. Six or more credits chosen from one or more of the areas of political science, sociology, and economics.
2. One additional teaching major or subject endorsement.
3. All requirements listed under Secondary Education in catalog.
4. Multicultural Interterm during the third or fourth year; contact the education department about exceptions.

Special Notes:

3. Students should meet with Dr. Frank Daniels or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.
4. Areas -- American: His 305, 306, 312, 315, 320, 321, 329, 337, 352, 354
 European: His 317, 318, 335, 341, 346, 348, 349
 Non-Western: His 304, 314, 326, 338, 342, 350, 353

INTERNATIONAL STUDIES MAJOR
Contemporary Europe

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
His 105	His 106					Int 496	

Additional requirements:

1. Twelve credits in one language chosen from: French, German, Spanish
2. Fre 312
3. His/PSi 338
4. Int 317
5. Int 496
6. Minimum of four courses chosen from: Art 252, His 341, 346, His/Int 318, His/PSi 353, Int 421 (2-3 cr.), Spa 312

**INFORMATION SCIENCE AND TECHNOLOGY
COMPUTER SCIENCE MAJOR**

When the first fall semester is an EVEN year:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
IST 140	IST 146	IST 246	Atv 137	IST 421	IST 495	IST 495	IST 314
IST 145		IST 252			IST 315		IST 357

When the first fall semester is an ODD year:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
IST 140	IST 146	IST 252	Atv 137	IST 246	IST 314	IST 495	IST 315
IST 145				IST 421	IST 495		
					IST 357		

Additional requirements:

1. Three credits of IST 421 should be scheduled after consulting with an IST faculty member.
2. Two electives in IST
3. Mth 235, 250, 303
4. Computer science majors need a minor or second major

Special Notes:

Any student who is not ready to take Mth 235, who transfers in, or who begins the major after the fall semester of the first year should contact an IST faculty member ASAP for individual scheduling.

INFORMATION SCIENCE AND TECHNOLOGY

Information Technology Teaching Endorsement

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
IST 140	IST 146	Edu 211	Edu 221*	Edu 321	Edu 361	Edu 453	
IST 145		IST 252	IST 201	Edu 325	Edu 341		
	Edu 101 (Rec.)		IST 217	IST 322	IST 355		

*for transfer students -- take 221 & 321 concurrently, not 321 & 341

Additional requirements:

1. Six additional credits at the 200 level or above (excluding IST 201). (It is recommended that this additional course be taken the spring of the second, third or fourth year.)
2. Complete all requirements under Secondary Education in catalog.
3. This is a supplementary endorsement. The student must have an additional field endorsement.
4. Multicultural Interterm during the third or fourth year; contact the education department about exceptions.

Special Notes:

Students should meet with Dr. Frank Daniels or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.

**INFORMATION SCIENCE AND TECHNOLOGY
INFORMATION SYSTEMS MAJOR**

When the first fall semester is an EVEN year:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
IST 140	IST 146	IST 252	IST 217	IST 322	IST 355	IST 421	IST 356
IST 145		ATV 137			IST 495	IST 495	

When the first fall semester is an ODD year:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
IST 140	IST 146	IST 252	IST 217	IST 312	IST 356	IST 322	IST 355
IST 145		ATV 137			IST 495	IST 495	

Additional requirements:

1. Three credits of IST 421 should be scheduled after consulting with an IST faculty member.
2. Six additional credits at or above 246 (excluding IST 326, 401, 421, 495).
3. Acc 103
4. Bus 242, 315 – remember that 242 is a prerequisite for 315
5. Eco 203 or 204
6. Mth 115 or 235

Special Note:

Any student who transfers in or who begins the major after the fall semester of the first year should contact an IST faculty member ASAP for individual scheduling.

JOURNALISM & MEDIA MAJOR

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Jou 113	Jou 135 or 213	Jou 240	Jou 360	Jou 353	Jou 445	Jou 445	Jou 495
Jou 105							

Additional requirements:

1. Complete a minimum of three credits of Jou 421.
2. Complete nine credits chosen from Jou 213, 214, 223, 230, 245, 315, 355.

MATHEMATICS MAJOR

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Mth 235	Mth 236	Mth 303	Mth 250	Mth 496			Mth 497

Additional requirements:

1. Mth 403 or 433
2. Fifteen additional credits at 300-400 level (excluding Mth 326)
3. IST 145

Recommended courses:

1. 300-400 level electives:
 - Math Grad St.-329,403,433 and as many more 300-400 as possible.
 - Statistics Grad St.- Mth 355, 356, 433
 - Comp. Sci Grad St.- Mth 330, 355, 356, 433
 - Actuarial Sci- Mth 329, 334, 355, 356, 358, 433
 - Pre Eng- Mth 329, 334, 355, 356, 433

Special Notes:

1. If Math ACT is 22 or lower, recommend Mth 125 & 235 in freshman year; 236, 250, 303 in sophomore year; 237-238 in junior year.

MATHEMATICS MAJOR
Teacher Certification

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Mth 235	Mth 236	Mth 303	Mth 250	Edu 321 & lab*	Edu 361	Mth 326	Mth 351 or 403
	Mth 218	Edu 211	Mth 323	Mth 324	Mth 325	Edu 453	Mth 497
		IST 201	Edu 221	Edu 325	Edu 341 & lab*		Mth 403
			Mth 250		Mth 218		
					Mth 351		
					Mth 496		

Additional requirements:

1. Mth 355, 356
2. IST 145
3. Complete three additional credits in mathematics.
4. Complete all requirements listed under Secondary Education.
5. Multicultural Interterm during the third or fourth year; contact the education department about exceptions.

Recommended courses:

1. 300-400 level elective: Mth 329,347

Special Notes:

5. Students should meet with Dr. Frank Daniels or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.
6. If Math ACT is 22 or lower--recommend Mth 125-235 in freshman year; 236, 250, 303 in sophomore year; 237-238 in junior year.

MUSIC MAJOR

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
FAr 104	Mus 112	Mus 116	Mus 212	Mus 311	Mus 100	Ensemble	Mus 496
Mus 111	Mus 115	Mus 211	Mus 215	Ensemble	Mus 312		Ensemble
Ensemble	Mus 204	Mus 235	Mus 307	Mus 308	Ensemble		
	Ensemble	Ensemble	Ensemble				

Additional requirements:

1. Three credits of music electives
2. Six (6) credits of applied lessons

MUSIC MAJOR
Performance Emphasis

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
FAr 104	Mus 112	Mus 116	Mus 212	Mus 311	Mus 100		Mus 412
Mus 111	Mus 115	Mus 211	Mus 215	Ensemble	Mus 312	Ensemble	Mus 496
Ensemble	Mus 204	Mus 235	Mus 307	Mus 308	Ensemble		Ensemble
	Ensemble	Ensemble	Ensemble				

Additional requirements:

1. A total of 12 credits of applied lessons (including those listed above).
2. Mus 401 (during the senior year).
3. Six credits of music electives.

**MUSIC MAJOR
Teacher Certification**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
FAR 104	MUS 10xA	MUS 10xA	MUS 10xA	MUS 100	Ensemble	Ensemble	Ensemble
MUS 111x	MUS 112x	MUS 116	Ensemble	MUS 10xA	MUS 301	MUS 426	MUS 431
Ensemble	MUS 115	Ensemble	MUS 212x	Ensemble	MUS 312x	EDU 455	D Plan
	Ensemble	MUS 221x	MUS 215	MUS 305	MUS 316		D Plan
	MUS 204	MUS 235	MUS 307	MUS 308	EDI 341 & L		D Plan
	MUS 121	EDU 211	EDU 221	MUS 311x	EDU 361		D Plan
	MUS 207	MUS 221	MUS 331	EDU 321 & L	IST 201		
	D Plan	MUS 205	MUS 208	EDU 325	D Plan		
	D Plan	D Plan	D Plan	MUS 341	D Plan		
				D Plan			

Interterm
First Year
ITM Course

Second Year
ITM Course
multicultural

Third Year
ITM Course
multicultural

Fourth Year
ITM Course
multicultural

Summer Term Certification Courses

- EDS 620
- EDU 600
- EDU 663
- EDU 665

NATURAL SCIENCE MAJOR
Teacher Certification

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Mth 235 or 125	Edu 101 (Rec.)	Bio 120	Bio 121	Bio 260	Edu 361	Edu 453	Bio/Chm
Chm 125	Chm 126	Phy 107/201	Phy 108/202	Bio/Chm	NSi 326	NSi 327	D Plan
LAR 101	Eng 101	Edu 211	Edu 221*	Edu 325	Bio 348		D Plan
PEd 101	PEd 104	Chm 205	IST 201	Edu 321&lab*	Edu 341&lab*		D Plan
Geo 103/101	CmS 112/210/220		NSi 322	NSi 324	D Plan		D Plan
	D Plan			Chm	D Plan		

*for transfer students - take 221 & 321 concurrently, not 321 & 341

Additional requirements:

1. Take one Doane Plan course during an interterm.
2. Complete one course chosen from Chm 206, 303, 326, 408.
3. Complete 7 additional science area credits in either biology or chemistry.
 - 1) for biology, choose one course each from two groups
 - a) Bio 340 or 308
 - b) Bio 342 or 320
 - c) Bio 356 or 330
 - 2) for chemistry, choose two courses from Chm 206, 303, 326, 408 (in addition to the course chosen in 2 above.
4. Multicultural Interterm during the third or fourth year; contact the education department about exceptions.
5. Complete all requirements listed under the catalog section Secondary Education.

Special Notes:

7. Natural Science majors are considered to have met the liberal learning requirement of the Doane Plan by completion of the major.
8. A student who has completed the biology course selections (including two biology courses taken in 3.1) under additional requirements above) has also completed a biology minor.
9. A chemistry minor may be completed by selecting Chm 303 for part 2 under additional requirements above and by completing eight additional credits chosen from Chm 206, 326, 408.
10. Students should meet with Dr. Frank Daniels or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.

PHILOSOPHY MAJOR

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Phi 105	Pre 110					Phi 495	
Pre111							

Additional requirements:

1. Phi 210 or 212
2. Minimum of one course from Phi 310, Phi/PSI 337
3. Minimum of one three (3) credit course from PRe 120, 121 or any Rst prefixed course
4. Twelve additional credits in Phi or Rst or PRe, (3) credits of which must be at 400 level (excluding Phi 495, Rst 495)

PHYSICAL EDUCATION MAJOR
Exercise Science Emphasis

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
PEd 106	Psy 117	Bio 260	PEd 209	PEd 345	PEd 346	PEd 425	Statistics*
PEd 221		Phy 107	PEd 321	PEd 355	PEd 352		
Bio 120		PEd 201	Psy 255 or (256/416)		PEd 448		
Chm 125			PEd 352				

* Bus 215 or (SSi 217 or Bio 295)

* Eight credits in Human or Vertebrate Anatomy and Physiology with Labs

Additional requirements:

1. Bio 355, 356
2. Those seeking athletic training certification will complete the A.T. requisite experiences as listed in the Doane College Athletic Training Clinical Proficiencies Manual.
3. Those not seeking athletic training certification will complete the non-A.T. requisite experiences as listed in the Doane College Athletic Training Clinical Proficiencies Manual.

Internships in sports medicine/therapeutic settings.

PHYSICAL EDUCATION MAJOR
Fitness Management Emphasis

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
PEd 106	PEd 118	PEd 233	PEd 234	PEd 345	PEd 346		
PEd 117	Bio 101	Bus 242	Bus 251	Bus 250	PEd 352		
PEd 221		PEd 201	PEd 209		Bus 324 *		
Acc 103&lab							

* Be aware that Bus 324 is offered every other spring

Additional requirements:

1. PEd 425 (during the senior year)(spreadsheet competency required)
2. Bio 215 (not a Doane Plan course) or 216 (is a Doane Plan course)
3. Bus 205 or (Jou/Eng 113), 242, 250, 251, 315 (or 361)
4. Bus 215 or (SSi 217 or Bio 295)
5. Soc 109 or Psy 117

**PHYSICAL EDUCATION MAJOR
Teacher Certification**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
PEd 221	PEd 101	PEd 233	PEd 234	PEd 355	Edu 341	PEd 459	Edu xxx
PEd 117	PEd 201	PEd 345	PEd 346	PEd 457	Edu 361	Edu 453	
LAr 101	PEd 106	Edu 211	Edu 221*	Edu 321	PEd 458		
D Plan	PEd 118	D Plan	PEd 352	Edu 325	PEd 228		
Edu 101 (Rec.)	D Plan	D Plan	PEd 101	PEd 104	PEd 101		
Bio 101	D Plan	IST 201	Edu xxx	Edu xxx	Edu xxx		
PEd 101							

*for transfer students - take 221 & 321 concurrently, not 321 & 341

If combining PEd with a major in history, social science, elementary ed., or special ed., or with an endorsement in biology, see the specific advising sheet for that combination.

Additional requirements:

1. BIO 215 (not a Doane Plan course) or 216 (is a Doane Plan course)
2. **Completion of one other teaching major or subject endorsement.** Due to the size of the state and college requirements, the program may require nine semesters and/or summer school to complete.
3. All requirements under the catalog section Secondary Education.
4. Multicultural Interterm during the third or fourth year; contact the education department about exceptions.

Special Notes:

1. Prospective K-12 teachers should take 17 cr. the first term in order to graduate in four years.
2. Students should meet with Dr. Frank Daniels or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.

**PHYSICAL EDUCATION MAJOR AND BIOLOGY ENDORSEMENT
Teacher Certification**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
PEd 221	PEd 101	PEd 233	PEd 234	PEd 355	Edu 341	PEd 459	Bio 356
Phy 107	PEd 201	PEd 345	PEd 346	PEd 457	Edu 361	Edu 453	D Plan
LAr 101	Edu 101 (Rec.)	Edu 211	Edu 221*	Edu 321	PEd 458	NSi 327	D Plan
Chm 125	Bio 121	Bio 260	PEd 352	Edu 325	PEd 228		D Plan
Bio 120	PEd 106	PEd 101	IST 201	Bio 342	Geo 101/103		D Plan
PEd 117	Eng 101	Bio 308/340	Bio 348	NSi 324	D Plan		D Plan
	PEd 104		NSi 322	PEd 101	NSi 326		
	PEd 118		PEd 101				

*for transfer students - take 221 & 321 concurrently, not 321 & 341

Additional requirements:

5. Five Doane Plan requirements will need to be completed during Interterm or Summer in order to finish in four years as well as carrying credit overloads (17+) during two semesters.
6. All requirements under the catalog section Secondary Education.
7. Multicultural Interterm during the third or fourth year.

Special Notes:

1. Students should meet with Dr. Frank Daniels or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.

**PHYSICAL EDUCATION AND ELEMENTARY EDUCATION
Teacher Certification and Double Major**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
PEd 101	PEd 106	PEd 233	PEd 234	Edu 325	Edu 341 & lab	PEd 459	Edu 451
PEd 221	PEd 101	PEd 345	PEd 346	PEd 355	Edu 312	Edu 453	Art 326
Edu 101(Rec)	PEd 201	Edu 211	Edu 221	PEd 457	PEd 458	Mus 226	Edu 330
PhS 105/or	Bio 101	Mth 217	PEd 352	Edu 321 & lab	PEd 228		
Geo 103/101	CmS	His 205	Edu 338	Edu 311	Edu 318		
PSi 101	112/210/220	Bio 215	IST 201	Edu 322	Edu 361		
LAr 101	Eng 101		PEd 101	PEd 101	PEd 104		
	PEd 118				Edu 323		

Additional requirements:

1. In order to graduate in four years, five Doane Plan courses must be taken during the summer. If following the above plan those classes would be Math xxx, PRE xxx, Eng 237, Intro to Psych or Soc and Fine Arts (FAR) xxx.
2. Take a multicultural Interterm during the second or third year.
3. All requirements under the catalog section Secondary Education.

Special Notes:

Students should meet with Dr. Frank Daniels or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.

**PHYSICAL EDUCATION AND HISTORY
Teacher Certification and Double Major**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
PEd 101	PEd 201	PEd 233	PEd 234	PEd 355	Edu 341 & lab**	PEd 459	His 496
PEd 221	Edu 101 (Rec.)	PEd 345	PEd 346	PEd 457	Edu 361	Edu 453	His #5***
His 105	PEd 106	Edu 211	Edu 221**	Edu 321 &	PEd 458	SSi 325	D Plan
LAr 101	Eng 101	His 205	PEd 352	lab**	PEd 228		D Plan
Cog #1*	His 106	IST 201	Bio 216	Edu 325	His #3***		D Plan
Cog #2*	Bio 101	CmS 112/210/220	His 206	His #1***	His #4***		PEd 101
PEd 117	PEd 118	PEd 101	SSi 322	His #2***	SSi 324		
		PEd 104		SSi 323	PEd 101		

* take a total of six credits chosen from one or more of the areas of PSi, Soc, Eco (the best courses to fulfill this requirement for the Doane Plan are Soc 109 and either PSi 101 or Eco 203)

**for transfer students - take 221 & 321 concurrently, not 321 & 341

*** take five additional courses in history with at least one course from each of the areas of American, European, and Non-Western history.

Additional requirements:

1. Take a multicultural Interterm during the second or third year.
2. In order to complete this double major in four years, two Doane Plan courses (in addition to those given above) will have to be taken during Interterm and/or summer and students may have to carry on overload (over 17 credits) for two semesters.
3. All requirements under the catalog section Secondary Education.
4. Multicultural Interterm during the third or fourth year.

Special Notes:

1. Prospective K-12 teachers should take 17 cr. the first term in order to graduate in four years.
2. Students should meet with Dr. Frank Daniels or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.
3. Areas -- American: His 305, 306, 312, 315, 320, 321, 329, 337, 352, 354
 European: His 317, 318, 341, 346, 348, 349
 Non-Western: His 314, 326, 338, 342, 353

**PHYSICAL EDUCATION AND NATURAL SCIENCE
Teacher Certification and Double Major**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
PEd 101	PEd 106	PEd 233	PEd 234	PHY 107	PHY 108	Edu 453	GEO
PEd 221	PEd 201	PEd 345	PEd 346	CHM 205/303	Edu 361	NSI 327	103/101
MTH 125/235	Eng 101	BIO 101	Edu 221**	Edu 325	Edu 341 & lab**	PEd 459	PEd 101
CHM 125	CHM 126	Edu 211	PEd 352	Edu 321 & lab**	PEd 458		BIO 215
LAr 101	D Plan	PEd 101	Bio 208/206	NSI 324	PEd 228		IST 201
D Plan	CMS	CHM 205/303	Bio 252	PEd 355	PEd 101		BIO 206/208
	112/210/220	PEd 104	NSI 322	PEd 457	NSI 326		
					D Plan		

Interterm – Take the cultural perspectives interterm during the second or third year.

Additional requirements:

1. In order to complete this double major in four years, an additional biology course and four additional Doane Plan courses will have to be taken during the interterm or summer.
2. All requirements under the catalog section Secondary Education.

Special Notes:

1. Students should meet with Dr. Frank Daniels, or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.

**PHYSICAL EDUCATION AND SPECIAL EDUCATION
Double Major**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
PEd 101	PEd 228	PEd 233	PEd 234	Edu 325	Edu 341 & lab	Edu 453	EdS 456
PEd 221	PEd 101	PEd 345	PEd 346	PEd 355	Edu 312	PEd 459	EdS 426
PEd 106	PEd 201	Edu 211	Edu 221	PEd 457	PEd 458		EdS 428
Edu 101 (Rec)	Eng 101	PEd 104	PEd 352	Edu 321 & lab	Edu 361		
LAr 101	Bio 101	EdS 207	Edu 338	Edu 311	EdS 332		
Math-DP	D Plan	Mth 217	EdS 236	EdS 328	PEd 101		
PEd 117	PEd 118	IST 201	PEd 101				
			PEd 101				

Additional requirements:

1. Take an IDS Interterm in the second or third year.
2. All requirements under the catalog section, Secondary Education.
3. In order to graduate in four years, the student will need to take the following courses during interterms and/or summers: Bio 226 (or 225 and a Doane Plan science), CmS 112 (or 210 or 220), Doane Plan (international/multicultural) and six additional Doane Plan courses.
4. Multicultural Interterm during the third or fourth year; contact the education department about exceptions.

Special Notes:

11. Students should meet with Dr. Frank Daniels or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.

**PHYSICAL EDUCATION AND SOCIAL SCIENCE
Teacher Certification and Double Major**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
PEd 106	PEd 201	PEd 233	PEd 234	PEd 355	Edu 341	PEd 459	His 496
PEd 221	PEd 101	PEd 345	PEd 346	PEd 457	Edu 361	Edu 453	Geg 301
PEd 101	PEd 104	Edu 211	Edu 221	Edu 321	PEd 458	SSi 325	Discip.**
LAR 101	Edu 101 (Rec)	Geg 112	PEd 352	Edu 325	PEd 228		Cognate*
His 105	His 106	Discip**	SSi 322	SSi 323	SSi 324		PEd 101
Discip.** @	Discip.**@	IST 201	Discip.**	Ant 308****	His xxx***		Discip.**
Mth D Plan	Eng 101	PEd 101	Discip.**	Discip.**	His yyy***		
PEd 117	PEd 118		Cognate**				

* Nine credits in one cognate area chosen from: anthropology/sociology (Soc 109), economics (Eco 203-204), political science (PSi 101), or psychology (Psy 117). This shall include the introductory course(s) for the cognate area listed in parentheses after the area.

** A total of 30 credits in the other three disciplines (including the introductory courses noted above -- @ two of these introductory courses must be taken the first year; the other two should be taken during *Summer 1*, as described below). A minimum of six credits in each discipline is required.

*** 6 credits in history, 3 cr. of which must be in non-Western history (His 314, 326, 338, 342, 353).

Additional requirements:

- In order for a student to complete this double major in four years, additional coursework will be required during interterms or summers. The additional courses required (with the preferred summer sequence) are:
Summer 1: Bio 101, His 205, and the remaining three courses from Psy 117, Soc 109, PSi 101, Eco 203 (or 204) -- 13 cr.
Summer 2: Bio 216 (or Bio 215 and a Doane Plan science), CmS 112 (or 210 or 220), one course for Aesthetic Perspective -- 10-14 cr.
Summer 3: complete Doane Plan requirements: Eng. literature, PRe, His 206 -- 9 cr.
- All requirements under the catalog section Secondary Education.
- Multicultural Interterm during the third or fourth year.

Special Notes:

- Prospective K-12 teachers should take 17 cr. the first term in order to graduate in four years.
- Students should meet with Dr. Frank Daniels or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.

PHYSICAL SCIENCE MAJOR

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Chm 125	Chm 126	Phy 107	Phy 108				
Mth 107 or 108	Mth 125	Mth 235					

Additional requirements:

1. One additional four-credit course in chemistry
2. One additional three or four-credit course in physics
3. Geo 103 or 101

Three additional courses at the 300/400 level from chemistry, physics, mathematics, geology

PHYSICAL SCIENCE MAJOR
Health Science Emphasis

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Chm 125	Chm 126	Phy 107	Phy 108				
Mth 107 or 108	Mth 125	Mth 235					

Additional requirements:

1. Bio 120, two courses chosen from Bio 260, 355, 356
2. Chm 205, 206
3. Three additional three or four-credit courses from chemistry and/or physics, 2 of which must be at the 300-400 level

**PHYSICAL SCIENCE MAJOR
Teacher Certification**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Mth 235	Eng 101	Chm 205	D Plan	Edu 321 & lab	Edu 361	NSi 327	Chm/Phy*
Chm 125	Chm 126	IST 201	NSi 322	Chm 303/Phy*	Edu 341 & lab	Edu 453	D Plan
Phy 107	Phy 108	Bio 120/Phy 314	Geo 103	Bio 120/ Phy 314	Geo 101/107/Ast 103		D Plan
LAR 101	CmS 112, 210/220	Edu 211	Edu 221	Ast 103/Geo 101/107	NSi 326		D Plan
Edu 101 (Rec.)	D Plan	PEd 104	Science*/Bio** PEd 101	NSi 324 Edu 325	Science*/Bio** D Plan		D Plan

* Science courses (including those listed above) need to total at least:

- (a) 18 credits of physics or chemistry
- (b) 15 credits of physics or chemistry or earth science [not chosen in (a) above]
- (c) 12 credits of physics or chemistry or earth science [not chosen in (a) or (b) above]

** A minimum of two additional credits of biology

Additional requirements:

1. Either Ast 103 or Geo 107 must be taken with a lab
2. All requirements listed under the catalog section Secondary Education.
3. Multicultural Interterm during the third or fourth year; contact the education department about exceptions.

Special Notes:

1. Students should meet with Dr. Frank Daniels or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.

PHYSICS MAJOR

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Phy 201	Phy 202	Mth 237	Mth 238		Phy 395	Phy 495	Phy 496
Mth 235	Mth 236						
LAR 101	IST 145						

Additional requirements:

1. Phy 225 to be taken within two semesters of completing Phy 202
2. Phy 302, 306, 314, 325, 435 (or 4 credits of 471)
3. Four additional credits in physics at the 300-400 level
4. Cognates: Chm 125, Mth 329

Special Notes:

1. Students planning on attending graduate school in physics should take physics courses in addition to those required for the major.

**PHYSICS MAJOR
Teacher Certification**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Phy 201*	Phy 202*	Mth 237	Mth 238	Edu 321& lab**	Edu 361	NSi 327	
Mth 235	Mth 236	Edu 211	Edu 221*	Edu 325	Edu 341& lab**	Edu 453	
Edu 101 (Rec.)		NSi 322	IST 201	NSi 324	NSi 326		

* or 107, 108

*for transfer students - take 221 & 321 concurrently, not 321 & 341

Additional requirements:

1. Phy 225 to be taken within two semesters of completing Phy 202
2. Phy 301 (or 324), 302, 306, 314
3. Cognates: Ast 103&103L (or Geo 103 or Geo 101), Bio 101, Chm 125, IST 145
4. A minimum of 27 credits in physics with a cumulative GPA of 2.60 or above.
5. Completion of an additional teaching major or subject endorsement.
6. All requirements listed in the catalog under Secondary Education.
7. Multicultural Interterm during the third or fourth year; contact the education department about exceptions.

Special notes:

1. Students should meet with Dr. Frank Daniels or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.

POLITICAL SCIENCE MAJOR

ODD YEAR = YEAR OF ENTRY

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
PSi 101/105	PSi 234* PSi 101/105	PSi 213*	PSi 332*	PSi 243* PSi 313*	PSi 328*		PSi 496

*optional courses -- this is the preferred sequence of these courses.

EVEN YEAR = YEAR OF ENTRY

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
PSi 101/105	PSi 101/105	PSi 243*	PSi 234* PSi 328*	PSi 213*	PSi 332*	PSi 313*	PSi 496

*optional courses -- this is the preferred sequence of these courses.

Additional requirements:

1. A total of thirty (30) credits in political science
2. PSi 325 or 337

Special Notes:

1. A maximum of three internship credits of PSi 421 and three internship credits of PSi 425 may be counted toward the major in Political Science.
2. PSi 426 may not be counted towards the major.
3. Students majoring in political science frequently pursue a career in law. They also work in leadership and management positions, not only in government, but the private sector as well. Some political science majors eventually have a political career, and others become educators. Students majoring in political science often complete a second major or have considerable course work in a variety of related fields such as communication, economics, history, management, marketing, psychology, and sociology.

**POLITICAL SCIENCE MAJOR
Teacher Certification**

ODD YEAR = YEAR OF ENTRY

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
PSi 101/105	PSi 234*	Edu 211	Edu 221	Edu 321	Edu 361	SSi 325	PSi 496
	PSi 101/105	PSi 213*	SSi 322	SSi 323	PSi 234	Edu 453	Edu 341
	Edu 101(Rec.)		PSi 332*	PSi 243*	IST 201	Edu 325	PSi 328*
				PSi 313*			

EVEN YEAR = YEAR OF ENTRY

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
PSi 101/105	PSi 101/105	Edu 211	Edu 221	Edu 321	Edu 361	SSi 325	PSi 496
	Edu 101(Rec.)	PSi 243*	SSi 322	SSi 323	PSi 324	Edu 453	
		PSi 313*	PSi 243*	Edu 325	Edu 341 @		
			PSi 328*	PSi 213*	PSi 332*		
			IST 201				

*optional courses -- this is the preferred sequence of these courses.

Additional requirements:

1. A total of 30 credits in PSi
2. PSi 325 or PSi 337
3. A total of 6 or more credits chosen from one or more of the areas of history, economics, sociology, and psychology.
4. Completion of an additional teaching major or subject endorsement.
5. All requirements listed under the catalog section Secondary Education.
6. Multicultural Interterm during the third or fourth year; contact the education department about exceptions.

Special Notes:

1. Students should meet with Dr. Frank Daniels or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.
2. A maximum of 3 internship credits of PSi 421 and 3 internship credits of PSi 425 may be counted toward the major in political science.
3. PSi 426 may not be counted towards the major.

PSYCHOLOGY MAJOR
General Emphasis

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Psy 117	Psy 255 (or 256 FO)	Psy 245 SSi 217	Psy 252 Psy 336		Psy 396 Psy 365	Psy 496	Psy 416

Additional requirements:

1. Psy 314 (FE) or 342 (FO)
2. Psy 445 (FE)
3. Five additional credits in psychology (to total 35 credits in psychology).

**PSYCHOLOGY MAJOR
Mental Health Emphasis**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Psy 117	Psy 255 (or 256 FO)	Psy 234	Psy 252		Psy 336 (or 365)	Psy 496	Psy 416 (or 305 FE)
		CEd 205	SSi 217		Psy 355		
		Psy 245			Psy 396		

Additional requirements:

1. Six credits of Psy 421
2. Four additional credits in Psychology (to total 35 credits in Psychology)

Special Notes:

1. A maximum of eight internship credits (including Psy 355 and 421) may be counted toward the major with the approval of the faculty in the discipline.

PUBLIC ADMINISTRATION MAJOR

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Eco 203	Psi 101	Bus 242					Pad 493

Additional requirements:

1. PSi 234
2. Bus 212
3. Five courses from the following: Bus 215 (or SSi 217) 250, 315, 361, 410, 418; Eco 204; Eco/PSi 308; PSi 243; Psy/Soc 336.
4. Completion of a field examination during the senior year.

Special Notes:

1. Public Administration majors may use any prefix except PSi to satisfy the Liberal Arts requirement of the Doane Plan.

RELIGIOUS STUDIES MAJOR

First Year
Fall **Spring**
Pre 120 OR PRe 121
PRe 115

Second Year
Fall **Spring**
PRe 110 OR PRe 111

Third Year
Fall **Spring**

Fourth Year
Fall **Spring**
RSt 495

Additional requirements:

1. Twelve credits in religious studies, six of which must be at the 400 level (excluding RSt 495)
2. Six credits chosen from: Phi 210, 212, 271, 310, 315, 371, 471, PSi 330

SOCIAL SCIENCE MAJOR

<u>Fall</u>	<u>First Year</u> <u>Spring</u>	<u>Fall</u>	<u>Second Year</u> <u>Spring</u>	<u>Fall</u>	<u>Third Year</u> <u>Spring</u>	<u>Fall</u>	<u>Fourth Year</u> <u>Spring</u>
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Additional requirements:

1. A total of 20 credits in a discipline of emphasis chosen from economics, history, political science, psychology, sociology.
2. Twelve credits in each of three disciplines other than the one of emphasis.
3. SSi 217
4. Seminar project in the form of a directed study in the discipline of emphasis is required.

Recommended courses:

1. A methodology course for students with an emphasis in psychology or sociology.

SOCIOLOGY MAJOR

First Year
Fall **Spring**
Soc 109

Second Year
Fall **Spring**
SSi 217

Third Year
Fall **Spring**
Soc 285

Fourth Year
Fall **Spring**
Soc 496

Additional requirements:

1. Soc 415
2. Seventeen (17) additional credits in sociology

Recommended courses:

1. CEd 205

Special Notes:

1. A maximum of 8 internship credits in Soc 421 may be counted toward the major with the approval of the faculty in the discipline.

**SOCIAL SCIENCE MAJOR
Teacher Certification**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
His 105	His 106	His 205	His 206	Edu 321	Edu 361	Edu 453	His 496
PSi 101	Psy 117	Edu 211	Edu 221	SSi 323	SSi 324	SSi 325	His**
Mth xxx	Bio 101	GEG 301	SSi 322	Edu 325	His xxx	Directed	D Plan
Eng 101	Eng 237	Soc 109	Geg 112	Eco 203	Eco 204	Study	PSi/Soc/Psy/Eco
LAr 101	PEd 101	IST 201	His 3xx	His xxx	Edu 341		elective
Edu 101 (Rec.)	CMS xxx	His 220	PEd 104	Ant/Soc 308	D Plan		
				Science			

* Three additional credits chosen from: anthropology/sociology, economics, political science, psychology.

** Pick one from: His 302,314,321,326, 338, 346

Additional requirements:

All SSi education students must declare major their first year!

1. All requirements listed under the catalog section Secondary Education
2. Multicultural Interterm during the third or fourth year; contact the education department about exceptions.
3. Much of the Doane Plan (DP) is embedded in the SSi Edu major so be aware of which DP classes are still needed.

Special Notes:

Students should meet with Dr. Frank Daniels or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.

SOCIOLOGY MAJOR
Criminal Justice Emphasis

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Soc 109	Psy 117	Bus 242 Soc 210		Soc 312 Soc 314 Soc 285	Soc 310	Soc 496	

Additional requirements:

1. Twelve credits from: Soc/Psy 225, 336; Soc 288, 324, 421; Psy 234, 305

Special Notes:

1. A maximum of 6 internship credits (Soc 421) may be counted toward the emphasis.

SPANISH MAJOR

Students entering at the 100 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Spa 101	Spa 102	Spa 203	Spa 204	Spa 305	Study Abroad	Spa 312/314	Spa xxx Spa 306

Note: depending on the credits taken abroad, additional coursework may be needed to reach 30 credits.

Students entering at the 200 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Spa 203	Spa 204	Spa 305/312	Spa 306/314	Spa 312/314	Study Abroad	Spa 312/314	Spa xxx

Note: depending on the credits taken abroad, additional coursework may be needed to reach 30 credits.

Additional requirements:

1. Complete 30 credits of Spanish beginning at the intermediate level (excluding 101, 102, 317, 319, 321, 325).
2. A student must earn 12 to 17 credits in Spanish in a semester or summer abroad program, with the approval of the department. The student has the option of earning up to 24 credits for a full year abroad.

SPANISH and BUSINESS ADMINISTRATION Double Major

Students planning a double major in business administration and Spanish should follow this schedule of classes in order to complete both majors (including a semester abroad during the junior year) in four years.

Students entering at the 100 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Acc 103&L	Acc 104&L	Bus 251	CmS *	Bus 250	Study	PEd 101	Bus 496
Eco 203	Eco 204	Bus 215	Bus 205	D Plan	Abroad**	Bus xxx	Bus 365
Mth 115/235	Eng 101	Bus 226	Bus 242	Science		D Plan	Bus xxx
Spa 101	Spa 102	Spa 203	Spa 204	Spa 305		Spa 312/314	Spa 423
LAr 101	D Plan	CEd 205		D Plan		D Plan	D Plan
	PEd 104	D Plan				Science	Spa 306

Students entering at the 200 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Acc 103&L	Acc 104&L	Bus 251	CmS *	Bus 250	Study	Bus xxx	Bus 496
Eco 203	Eco 204	Bus 215	Bus 205	D Plan	Abroad**	Bus xxx	Bus 365
Mth 115/235	Eng 101	D Plan	Bus 242	Science		Spa 312/314	Spa 423
Spa 203	Spa 204	Spa 305	Spa 306	Spa 312/314		Science	Bus xxx
LAr 101	D Plan	CEd 205	PEd 101	D Plan		D Plan	D Plan
	PEd 104	Bus 226				D Plan	

*or CmS 112 or 210 or 220

** Study Abroad could be done fall of year four instead

Note: Take one Doane Plan course during Interterm.

Additional Requirements

- Complete 30 credits of Spanish beginning at the intermediate level (excluding 101, 102, 317, 319, 321, 325).
- A student must earn 12 to 17 credits in Spanish in a semester or summer abroad program, with the approval of the department. The student has the option of earning up to 24 credits for a full year abroad.
- One Bus course must be at the 400 level.
- Bus 497 and six additional business credits at the 300 or 400 level (excluding 317, 319, 324, 325) must be completed in residence through the Division of Business and Economics.

Special Notes:

- Bus 307 and 394 should not be taken the same term.
- Students choosing a business administration major may want to focus on a specific functional area of business and should consider the following suggested electives for each area:
 - Graduate school:** Bus 339, Mth 235. Pre-law students should consult with pre-law advisor for further details.
 - General management:** Bus 315*, 339, 342, 346, 361, 410, 496*; other relevant course: Psy 336 (prereq of Psy 117 or Soc 109).
 - Finance:** Bus 307, 394*, 445, 460*; other relevant courses: Acc 231*, 232, Mth 235, 236
 - Human resource management:** Bus 315, 346, 361, 410, 418; other relevant courses: Psy 336 (prereq of Psy 117 or Soc 109), 365 (prereq of Psy 117), Soc 324, CMS 321.
 - International business:** Bus 346, 357, 496, Bus/Eco 358 (prereq of Eco 203); other relevant courses: His 353, Soc 308, CMS 321, and foreign language courses*.
 - Marketing:** Bus 301, 324, 357, 453; other relevant courses: Art 258 (prereq of Art 107), IST 407 (prereqs of IST 145, 307), CMS 321. Other art courses are also valuable (Art 270, 303, 304).

* Often required in careers in this field.

**SPANISH and ENGLISH
Double Major**

Students entering at the 100 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Spa 101	Spa 102	Spa 203	Spa 204	Spa 305	Study	Spa 312/314	Spa 423
LAr 101	Eng. Lit	Eng xxx*	CEd 205	Eng xxx*	Abroad	Eng 392	Spa 306
Eng 101	D Plan	D Plan	Eng 393	Eng 305	CEd 351	Eng xxx*	Eng 495
D Plan	D Plan	D Plan	CmS **	D Plan		Eng xxx*	Eng 342/351
D Plan	PEd 104	D Plan	DPlan	D Plan		Elective	Elective
	PEd 101					Elective	Elective

** or CmS 112 or 210 or 220

Note: depending on the credits taken abroad, additional coursework may be needed to reach 30 credits.

Students entering at the 200 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Spa 203	Spa 204	Spa 305	Spa 306	Eng 305	Study	Spa 312/314	Spa 423
LAr 101	Eng. Lit	Eng xxx*	CEd 205	Spa 312/314	Abroad	Eng 392	Eng 495
Eng 101	D Plan	D Plan	Eng 393	Eng xxx*	CEd 351	Eng xxx*	Eng 342/351
D Plan	D Plan	D Plan	CmS **	D Plan		Eng xxx*	Elective
D Plan	PEd 104	D Plan	DPlan	D Plan		Elective	Elective
	PEd 101					Elective	

*Take twelve additional credits in English (not including 100, 101, 323, 324, 325, 326).

** or CmS 112 or 210 or 220

Note: depending on the credits taken abroad, additional coursework may be needed to reach 30 credits.

Additional Requirements:

1. Complete 30 credits of Spanish beginning at the intermediate level (excluding 101, 102, 317, 319, 321, 325).
2. A student must earn 12 to 17 credits in Spanish in a semester or summer abroad program, with the approval of the department. The student has the option of earning up to 24 credits for a full year abroad.
3. If only 17-20 credits are taken abroad, additional coursework in Spanish will be required during the fourth year to reach the 30 credit hours.

**SPANISH MAJOR
Teacher Certification**

Students entering at the 100 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Spa 101	Spa 102	Spa 203	Spa 204	Spa 319	Study	Spa 325	Spa 423
Edu 101		Edu 211	Edu 221	Spa 321	Abroad	Edu 453	Spa 306
			Spa 317	Edu 321&lab			
			Edu 361*	Spa 305			
		IST 201		Edu 341&lab			
				Edu 325			

****Take Edu 361 this term if studying abroad during spring term of the junior year****

Note: depending on the credits taken abroad, additional coursework may be needed to reach 30 Spanish credits.

Students entering at the 200 level:

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Spa 203	Spa 204	Spa 312/314	Spa 306	Spa 312/314	Study	Spa 325	Spa 423
	Edu 101	Edu 211	Edu 221	Spa 319	Abroad	Edu 453	
		Spa 305	Spa 317	Edu 321&lab			
			Edu 361*	Spa 321			
		IST 201		Edu 341&lab			
				Edu 325			

***Take Edu 361 this term if studying abroad during spring term of the junior year.**

Note: depending on the credits taken abroad, additional coursework may be needed to reach 30 credits.

Additional requirements:

1. Complete 30 credits of Spanish beginning at the intermediate level (excluding 101, 102, 317, 319, 321, 325).
2. A student must earn 12 to 17 credits in Spanish in a semester or summer abroad program, with the approval of the department. The student has the option of earning up to 24 credits for a full year abroad.
3. Complete all requirements listed under the catalog section Secondary Education.
4. Complete one additional teaching major or subject endorsement.
5. Multicultural Interterm during the third or fourth year; contact the education department about exceptions.

Special Notes:

1. Students should meet with Dr. Frank Daniels or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.

THEATRE MAJOR

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
The 101	The 115	The 108	The 109	The 217*		Eng 392**	The 495 (3 cr.)
The 103		The 217*		Eng 392**			

*Take fall term of second or third year

** Take fall term of third or fourth year

Additional requirements:

1. The 210, 224, 303, 304 (alternate year courses -- take during the 2nd or 3rd years)
2. Three credits from The 224, 421
3. Eng 392
4. PEd 101 (Creative Movement) or PEd 101 (Jazz Dance)
5. Three credits from the following: The 207, 212, 309, 311, 314, 318
6. Successful completion of Atv 173 each term of attendance. A minimum of 4 credits must be applied to the major.

**THEATRE MAJOR
Teacher Certification**

<u>First Year</u>		<u>Second Year</u>		<u>Third Year</u>		<u>Fourth Year</u>	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
The 101	The 115	The 108	The 109	Edu 321& lab	Edu 361	Edu 453	The 495 (3 cr.)
The 103		Edu 211	Edu 221	The 322	The 324	The 326	The 105
Edu 101 (Rec.)		The 217*	The 320	Edu 325	Edu 341& lab		
		IST 201		The 217*			

*alternate year course, take during the 2nd or 3rd year

Additional requirements:

1. The 303, 304 -- alternate year courses; take during the 2nd or 3rd year
2. The 309, 314
3. Eng 392
4. PEd 101 (Creative Movement) or PEd 101 (Jazz Dance)
5. Successful completion of Atv 173 each term of attendance. A minimum of 4 credits must be applied to the major.
6. Multicultural Interterm during the third or fourth year; contact the education department about exceptions.
7. One other teaching major, such as English, Communication, Art, Music, Business, etc. or subject endorsement.
8. All requirements listed under the catalog section Secondary Education.

Special Notes:

1. Students should meet with Dr. Frank Daniels or Dr. Linda Kalbach early in the fall term and should meet prior to preregistration each term.

