

MEMORANDUM

TO: Faculty Senate, Deans, and Chairs

FROM: Becky Bitter, Sr. Assistant Registrar

DATE: September 30, 2011

SUBJECT: Minor Change Bulletin No. 1 – Revised Course Prerequisites to be Enforced at Registration beginning Fall 2012

Minor Change Bulletin No. 1 is the first of two documents recording changes to course prerequisites, which will be presented in the *WSU Catalog, 2012*.

The following courses were revised by departments and what follows the “Course Prerequisite:” phrase will be enforced at the time of registration, beginning fall 2012. Also included in this bulletin are the courses that have a mix of “Course Prerequisite:” *and* “Recommended preparation:” or “Required preparation:” statements. Any information following these two statements is not enforced systematically.

When applicable, the courses presented below also reflect prefix changes based on department’s choice to revise the prefix code for the new student information system, zzusis.

The effective date for these changes is Fall 2012, to correspond with registration via zzusis.

Prefix	Course Number	Course Prerequisite for Registration Enforcement
ACCTG	230	Course Prerequisite: Sophomore standing.
ACCTG	231	Course Prerequisite: ACCTG 230.
ACCTG	330	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
ACCTG	331	Course Prerequisite: ACCTG 330; certified major in the College of Business, or certified minor in Business Administration.
ACCTG	335	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
ACCTG	338	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
ACCTG	420	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
ACCTG	430	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration. Recommended preparation: ACCTG 331.
ACCTG	433	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration. Recommended preparation: ACCTG 330.
ACCTG	435	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration. Recommended preparation: ACCTG 335.
ACCTG	438	Course Prerequisite: ACCTG 338; certified major in the College of Business, or certified minor in Business Administration.
ACCTG	439	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration. Recommended preparation: ACCTG 433.

ACCTG	443	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration. Recommended preparation: ACCTG 433; ACCTG 439.
ACCTG	498	Course Prerequisite: By permission of the department.
ACCTG	499	Course Prerequisite: By permission of the department.
ACCTG	530	Course Prerequisite: Admission to the Master of Accounting program.
ACCTG	532	Course Prerequisite: Admission to the Master of Accounting program.
ACCTG	533	Course Prerequisite: Admission to the MBA or Business PhD programs.
ACCTG	535	Course Prerequisite: Admission to the Master of Accounting program.
ACCTG	537	Course Prerequisite: Admission to the Master of Accounting program.
ACCTG	538	Course Prerequisite: Admission to the Master of Accounting program.
ACCTG	539	Course Prerequisite: Admission to the Master of Accounting program.
ACCTG	540	Course Prerequisite: Admission to the Master of Accounting program.
ACCTG	541	Course Prerequisite: Admission to the Master of Accounting program.
ACCTG	542	Course Prerequisite: Admission to the Master of Accounting program.
ACCTG	543	Course Prerequisite: Admission to the Master of Accounting program.
ACCTG	544	Course Prerequisite: Admission to the Master of Accounting program.
ACCTG	550	Course Prerequisite: Admission to the MBA or Business PhD programs only.
ACCTG	596	Course Prerequisite: Admission to PhD programs in business.
ACCTG	600	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
ACCTG	702	Course Prerequisite: Admission to the Master of Accounting program.
ACCTG	800	Course Prerequisite: Admission to PhD programs in business.
ADVER	380	Course Prerequisite: Certified major in Communication.
ADVER	381	Course Prerequisite: ADVER 380; certified major in Communication.
ADVER	382	Course Prerequisite: ADVER 380; certified major in Communication.
ADVER	475	Course Prerequisite: Certified major in Communication.
ADVER	480	Course Prerequisite: ADVER 381; ADVER 382; certified major in Communication.
ADVER	495	Course Prerequisite: ADVER 381 or 382; MKTG 360; certified major in Communication. By application only.
ADVER	499	Course Prerequisite: By interview only.
AERO	101	Course Prerequisite: Concurrent enrollment in AERO 103 required.
AERO	102	Course Prerequisite: Concurrent enrollment in AERO 103 required.
AERO	201	Course Prerequisite: Concurrent enrollment in AERO 203 required.
AERO	202	Course Prerequisite: Concurrent enrollment in AERO 203 required.
AERO	291	Course Prerequisite: Junior standing; AERO 101; AERO 102; AERO 201; AERO 202; by interview only.
AERO	292	Course Prerequisite: Junior standing; by interview only; applicants must apply at least six months in advance.
AERO	299	Course Prerequisite: By interview only.

AERO	311	Course Prerequisite: Concurrent enrollment in AERO 313 required.
AERO	312	Course Prerequisite: Concurrent enrollment in AERO 313 required.
AERO	392	Course Prerequisite: AERO 391.
AERO	411	Course Prerequisite: Concurrent enrollment in AERO 413 required.
AERO	412	Course Prerequisite: Concurrent enrollment in AERO 413 required.
AFS	101	Course Prerequisite: ANIM SCI 101 or concurrent enrollment; HORT 102 or concurrent enrollment.
AFS	201	Course Prerequisite: AFS 101; ECONS 101; ANIM SCI 101; CROP SCI 102.
AFS	401	Course Prerequisite: AFS 201; STAT 212 or 412; junior standing.
AG ED	342	Course Prerequisite: Admitted to teacher education (Secondary Education).
AG ED	407	Course Prerequisite: AG ED 450; AG ED 442; AG ED 471. Required preparation: Includes applying; paying certification fees; completing all other coursework for degree and teacher certification; receiving fingerprint clearance from WSP, FBI, and Office of Professional Practices; maintaining 2.5 gpa overall and in endorsement and professional core classes. Placement by interview only.
AG ED	440	Course Prerequisite: TCH LRN 464; TCH LRN 465; TCH LRN 466; concurrent enrollment AG ED 450.
AG ED	450	Course Prerequisite: TCH LRN 301; TCH LRN 317; admitted to teacher education (Secondary Education).
AG ED	471	Course Prerequisite: Concurrent enrollment AG ED 450.
AG ED	497	Course Prerequisite: By interview only.
AGRI	501	Course Prerequisite: Admission to graduate program in Masters of Science in Agriculture.
AGTM	305	Course Prerequisite: Junior standing
AGTM	315	Course Prerequisite: SOIL SCI 201.
AGTM	330	Course Prerequisite: Sophomore standing.
AGTM	402	Course Prerequisite: TCH LRN 301; TCH LRN 317.
AGTM	405	Course Prerequisite: AGTM 305.
AGTM	412	Course Prerequisite: Junior standing.
AGTM	436	Course Prerequisite: Junior standing; AGTM 305 or 405.
AGTM	444	Course Prerequisite: Permission of instructor.
AGTM	451	Course Prerequisite: Junior standing.
AGTM	481	Course Prerequisite: Permission of instructor.
AGTM	495	Course Prerequisite: Sophomore standing; prior approval of internship coordinator and advisor required.
AMER ST	470	Course Prerequisite: Junior standing.
AMER ST	472	Course Prerequisite: Junior standing.
AMER ST	473	Course Prerequisite: Junior standing.
AMER ST	474	Course Prerequisite: Junior standing.
AMER ST	475	Course Prerequisite: Junior standing.

AMDT	208	Course Prerequisite: AMDT 108.
AMDT	212	Course Prerequisite: AMDT 210.
AMDT	307	Course Prerequisite: Junior standing; certified major in Apparel, Merchandising, and Textiles.
AMDT	311	Course Prerequisite: AMDT 211; certified major in Apparel Design.
AMDT	312	Course Prerequisite: AMDT 311; certified major in Apparel Design.
AMDT	314	Course Prerequisite: AMDT 208; AMDT 210; certified major in Apparel, Merchandising, and Textiles.
AMDT	315	Course Prerequisite: AMDT 210; certified major in Apparel, Merchandising, and Textiles.
AMDT	318	Course Prerequisite: ECONS [S] GER; MATH [N] GER; certified major in Apparel, Merchandising, and Textiles.
AMDT	368	Course Prerequisite: FINE ART 110.
AMDT	408	Course Prerequisite: AMDT 208, AMDT 368, ANTH 201, ANTH 301, COM 321, FINE ART 301, FINE ART 302, FINE ART 304 or MKTG 360; junior standing.
AMDT	410	Course Prerequisite: AMDT 211; certified major in Apparel Design.
AMDT	411	Course Prerequisite: AMDT 492; senior standing; certified major in Apparel Design.
AMDT	412	Course Prerequisite: AMDT 411; certified major in Apparel Design.
AMDT	413	Course Prerequisite: MKTG 360; certified major in Apparel, Merchandising, and Textiles.
AMDT	414	Course Prerequisite: Junior standing; certified major in Apparel, Merchandising, and Textiles.
AMDT	417	Course Prerequisite: 6 units [S] or [K] GER; junior standing.
AMDT	419	Course Prerequisite: Certified in any major.
AMDT	420	Course Prerequisite: AMDT 210; certified major in Apparel, Merchandising, and Textiles.
AMDT	429	Course Prerequisite: Certified major in Apparel, Merchandising, and Textiles.
AMDT	430	Course Prerequisite: AMDT 318; certified major in Apparel, Merchandising, and Textiles.
AMDT	439	Course Prerequisite: Certified in any major.
AMDT	440	Course Prerequisite: AMDT 318; ECONS 352; certified major in Apparel, Merchandising, and Textiles.
AMDT	450	Course Prerequisite: AMDT 318; certified major in Apparel, Merchandising, and Textiles.
AMDT	460	Course Prerequisite: Junior standing; certified major in Apparel, Merchandising, and Textiles.
AMDT	490	Course Prerequisite: Certified major in Apparel, Merchandising, and Textiles.
AMDT	492	Course Prerequisite: AMDT 368; certified major in Apparel Design.
AMDT	495	Course Prerequisite: By interview only.
AMDT	496	Course Prerequisite: AMDT 208 or 211; certified major in Apparel, Merchandising, and Textiles; by permission of instructor.
AMDT	512	Course Prerequisite: AMDT 508.
AMDT	519	Course Prerequisite: AMDT 508 or concurrent enrollment.
ANIM SCI	313	Course Prerequisite: BIOLOGY 106.
ANIM SCI	314	Course Prerequisite: BIOLOGY 107; CHEM 102 or 106.
ANIM SCI	330	Course Prerequisite: STAT 212; BIOLOGY 106.
ANIM SCI	345	Course Prerequisite: ANIM SCI 101; BIOLOGY 106.

ANIM SCI	350	Course Prerequisite: BIOLOGY 106; BIOLOGY 107; CHEM 102 or 106.
ANIM SCI	351	Course Prerequisite: ANIM SCI 350 or concurrent enrollment.
ANIM SCI	360	Course Prerequisite: BIOLOGY 107.
ANIM SCI	378	Course Prerequisite: ANIM SCI 260.
ANIM SCI	408	Course Prerequisite: ANIM SCI 313.
ANIM SCI	440	Course Prerequisite: BIOLOGY 106; BIOLOGY 107.
ANIM SCI	451	Course Prerequisite: BIOLOGY 106; BIOLOGY 107; MBIOS 303.
ANIM SCI	454	Course Prerequisite: ANIM SCI 351.
ANIM SCI	464	Course Prerequisite: ANIM SCI 313; ANIM SCI 330; ANIM SCI 350.
ANIM SCI	468	Course Prerequisite: NATRS 421.
ANIM SCI	472	Course Prerequisite: ANIM SCI 313; ANIM SCI 330; ANIM SCI 350.
ANIM SCI	473	Course Prerequisite: ANIM SCI 472.
ANIM SCI	474	Course Prerequisite: ANIM SCI 313; ANIM SCI 330; ANIM SCI 350.
ANIM SCI	476	Course Prerequisite: ANIM SCI 313; ANIM SCI 330; ANIM SCI 350.
ANIM SCI	478	Course Prerequisite: ANIM SCI 313; ANIM SCI 330; ANIM SCI 350.
ANIM SCI	488	Course Prerequisite: MBIOS 301 or ANIM SCI 330.
ANTH	300	Course Prerequisite: By instructor permission.
ANTH	312	Course Prerequisite: One of ANTH 101, 214, CES 101, 171, or WOMEN ST 200.
ANTH	390	Course Prerequisite: ANTH 203; ANTH 230; ANTH 260. Recommended preparation: Junior standing.
ANTH	399	Course Prerequisite: By instructor permission.
ANTH	404	Course Prerequisite: One course each at the 100-level, 200-level, and 300-level in any of the following subjects: AMER ST, ANTH, CES, COM, ENGLISH, FINE ART, HISTORY, HUMANITY, PHIL, POL S, PSYCH, SOC, or WOMEN ST; junior standing.
ANTH	490	Course Prerequisite: ANTH 203; ANTH 230; ANTH 260; ANTH 390. Recommended preparation: Senior standing.
ANTH	498	Course Prerequisite: By instructor permission.
ANTH	500	Course Prerequisite: By instructor permission.
ANTH	596	Course Prerequisite: By permission only.
ANTH	598	Course Prerequisite: By instructor permission.
ANTH	599	Course Prerequisite: By instructor permission.
ARCH	103	Course Prerequisite: ARCH 101.
ARCH	201	Course Prerequisite: ARCH 103.
ARCH	203	Course Prerequisite: ARCH 201.
ARCH	209	Course Prerequisite: Certified Architecture major; concurrent enrollment in ARCH 203.
ARCH	220	Course Prerequisite: Certified major in Architecture with concurrent enrollment in ARCH 201, or certified majors pursuing non-Architecture degrees.
ARCH	301	Course Prerequisite: Certified major in Architecture; ARCH 203.
ARCH	303	Course Prerequisite: Certified major in Architecture; ARCH 301.

ARCH	309	Course Prerequisite: Certified major in Architecture; ARCH 324.
ARCH	324	Course Prerequisite: Certified major in Architecture; ARCH 220.
ARCH	330	Course Prerequisite: Certified major in Architecture or Construction Management.
ARCH	351	Course Prerequisite: Certified major in Architecture or Construction Management.
ARCH	352	Course Prerequisite: Certified major in Architecture or Construction Management; ARCH 351.
ARCH	401	Course Prerequisite: Certified major in Architecture; ARCH 303.
ARCH	403	Course Prerequisite: Certified major in Architecture; ARCH 401.
ARCH	409	Course Prerequisite: Certified major in Architecture.
ARCH	428	Course Prerequisite: Junior standing.
ARCH	432	Course Prerequisite: Certified major in Architecture or Construction Management.
ARCH	433	Course Prerequisite: Certified major in Architecture or Construction Management; ARCH 432.
ARCH	436	Course Prerequisite: Certified major in Architecture or Construction Management.
ARCH	451	Course Prerequisite: Certified major in Architecture or Construction Management.
ARCH	452	Course Prerequisite: Certified major in Architecture or Construction Management; ARCH 451.
ARCH	456	Course Prerequisite: Certified major in Architecture or Construction Management.
ARCH	463	Course Prerequisite: Certified major in Architecture or Construction Management; ARCH 352.
ARCH	464	Course Prerequisite: Certified major in Architecture or Construction Management; ARCH 352.
ARCH	472	Course Prerequisite: Certified major in Architecture or Construction Management.
ARCH	480	Course Prerequisite: Certified major in Architecture or Construction Management.
ARCH	490	Course Prerequisite: Certified major in Architecture.
ARCH	491	Course Prerequisite: Certified major in Architecture.
ARCH	492	Course Prerequisite: Certified major in Architecture.
ARCH	493	Course Prerequisite: Certified major in Architecture or Construction Management.
ARCH	494	Course Prerequisite: Certified major in Architecture.
ARCH	495	Course Prerequisite: Certified major in Architecture.
ARCH	496	Course Prerequisite: Certified major in Architecture.
ARCH	511	Course Prerequisite: ARCH 403.
ARCH	513	Course Prerequisite: ARCH 511; ARCH 515.
ARCH	530	Course Prerequisite: Graduate standing in Architecture, Interior Design, or Landscape Architecture.
ARCH	542	Course Prerequisite: ARCH 525.
ARCH	563	Course Prerequisite: ARCH 515 or concurrent enrollment.
ARCH	564	Course Prerequisite: ARCH 511 or concurrent enrollment.
ARCH	571	Course Prerequisite: ARCH 570.
ARCH	580	Course Prerequisite: Graduate student in M Architecture degree program.
ASTRONOM	345	Course Prerequisite: MATH 172 or 182; PHYSICS 202 or 206.
ASTRONOM	390	Course Prerequisite: Science [B], [P], or [Q] GER course.

ASTRONOM	435	Course Prerequisite: MATH 172 or 182; PHYSICS 202 or 206.
ASTRONOM	436	Course Prerequisite: MATH 172 or 182; PHYSICS 202 or 206.
ASTRONOM	450	Course Prerequisite: GER mathematics [N]; junior standing. Recommended preparation: Completion of physical sciences [P] and biological [B] GERs.
ATH T	266	Course Prerequisite: MVTST 262 or concurrent enrollment.
ATH T	267	Course Prerequisite: ATH T 266 or concurrent enrollment.
ATH T	270	Course Prerequisite: MVTST 262; ATH T 266; ATH T 267; & HF 263; instructor permission.
ATH T	271	Course Prerequisite: ATH T 270.
ATH T	275	Course Prerequisite: ATH T 270.
ATH T	291	Course Prerequisite: MVTST 262; ATH T 266; ATH T 267; & HF 263; instructor permission.
ATH T	305	Course Prerequisite: ATH T 271; ATH T 275; BIOLOGY 140.
ATH T	311	Course Prerequisite: MVTST 262.
ATH T	364	Course Prerequisite: ATH T 271; ATH T 275.
ATH T	365	Course Prerequisite: ATH T 364.
ATH T	392	Course Prerequisite: ATH T 271; ATH T 275.
ATH T	469	Course Prerequisite: ATH T 365.
ATH T	493	Course Prerequisite: ATH T 365.
B A	520	Course Prerequisite: Admission to the MBA program.
B A	596	Course Prerequisite: Admission to PhD programs in business.
B A	598	Course Prerequisite: Admission to PhD programs in business.
B A	600	Course Prerequisite: Admission to the MBA program.
B A	702	Course Prerequisite: Admission to the MBA program.
B A	800	Course Prerequisite: Admission to PhD programs in business.
B LAW	411	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
B LAW	498	Course Prerequisite: By permission of the department.
B LAW	499	Course Prerequisite: By permission of the department.
B LAW	510	Course Prerequisite: Admission to the MBA or Business PhD programs.
B LAW	511	Course Prerequisite: Admission to the Master of Accounting program.
BDCST	350	Course Prerequisite: Certified major in Communication.
BDCST	355	Course Prerequisite: BDCST 350.
BDCST	360	Course Prerequisite: Certified major in Communication.
BDCST	365	Course Prerequisite: BDCST 350.
BDCST	455	Course Prerequisite: BDCST 355.
BDCST	465	Course Prerequisite: BDCST 365.

BDCST	466	Course Prerequisite: Certified major in Communication.
BDCST	475	Course Prerequisite: Certified major in Communication.
BDCST	481	Course Prerequisite: Certified major or minor in Communication; senior standing.
BDCST	495	Course Prerequisite: BDCST 365 or 455; by application only.
BIO ENG	210	Course Prerequisite: CHE 201 with a C or better; MATH 220 with a C or better or concurrent enrollment.
BIO ENG	321	Course Prerequisite: CE 211 with a C or better; certified major in Bioengineering.
BIO ENG	322	Course Prerequisite: BIO ENG 321 with a C or better or concurrent enrollment; MATH 370 with a C or better or concurrent enrollment, or MATH 423 with a C or better or concurrent enrollment; certified major in Bioengineering.
BIO ENG	330	Course Prerequisite: E E 261 with a C or better; certified major in Bioengineering.
BIO ENG	340	Course Prerequisite: E E 261 with a C or better; certified major in Bioengineering.
BIO ENG	350	Course Prerequisite: MATH 315 with a C or better; certified major in Bioengineering.
BIO ENG	410	Course Prerequisite: BIO ENG 321 with a C or better; BIO ENG 322 with a C or better; BIO ENG 330 with a C or better; BIO ENG 340 with a C or better.
BIO ENG	411	Course Prerequisite: BIO ENG 410 with a C or better.
BIO ENG	425	Course Prerequisite: BIO ENG 321 with a C or better or CE 215 with a C or better; MATH 315 with a C or better.
BIO ENG	440	Course Prerequisite: BIO ENG 340 with a C or better.
BIO ENG	481	Course Prerequisite: Junior standing; instructor permission.
BIO ENG	495	Course Prerequisite: BIO ENG 205; junior standing; instructor permission.
BIO ENG	499	Course Prerequisite: Sophomore standing; instructor permission.
BIOLOGY	105	Course Prerequisite: Junior standing.
BIOLOGY	107	Course Prerequisite: Minimum 2 units of 100-level CHEM or concurrent enrollment.
BIOLOGY	201	Course Prerequisite: BIOLOGY 101, 102, 106, 107, 120, or MBIOS 101.
BIOLOGY	220	Course Prerequisite: BIOLOGY 106; BIOLOGY 107.
BIOLOGY	251	Course Prerequisite: BIOLOGY 102, 106, or 107; cumulative WSU gpa of 2.5 or better.
BIOLOGY	301	Course Prerequisite: BIOLOGY 106 or 120; BIOLOGY 107; CHEM 101 or 105; CHEM 102 or 106.
BIOLOGY	308	Course Prerequisite: BIOLOGY 106; CHEM 106.
BIOLOGY	315	Course Prerequisite: At least 3 hours of BIOLOGY; sophomore standing; cumulative WSU gpa 2.5. Recommended for pre-health care professionals only.
BIOLOGY	321	Course Prerequisite: BIOLOGY 106; BIOLOGY 107; Recommended preparation: BIOLOGY 301 or MBIOS 301.
BIOLOGY	322	Course Prerequisite: BIOLOGY 106.
BIOLOGY	324	Course Prerequisite: BIOLOGY 106.
BIOLOGY	330	Course Prerequisite: BIOLOGY 102, 106, or 107.
BIOLOGY	331	Course Prerequisite: BIOLOGY 140 or 233.
BIOLOGY	332	Course Prerequisite: BIOLOGY 106 or 120.
BIOLOGY	340	Course Prerequisite: MATH 140 with a C or better, or MATH 172 with a C or better; BIOLOGY

		101, 102, 106, or 107.
BIOLOGY	350	Course Prerequisite: BIOLOGY 107; CHEM 345
BIOLOGY	352	Course Prerequisite: BIOLOGY 107; CHEM 345.
BIOLOGY	353	Course Prerequisite: BIOLOGY 352 or 354.
BIOLOGY	354	Course Prerequisite: BIOLOGY 107; CHEM 345; certified major in Biology.
BIOLOGY	372	Course Prerequisite: BIOLOGY 106; CHEM 102 or 105.
BIOLOGY	390	Course Prerequisite: BIOLOGY 101, 102, or 106; CHEM 101 or 105; junior standing.
BIOLOGY	393	Course Prerequisite: : Certified major in Biology, Zoology, General Biological Sciences, or General Studies -Basic Medical Sciences.
BIOLOGY	394	Course Prerequisite: Junior standing.
BIOLOGY	401	Course Prerequisite: Biol 102, 106, or 120; junior standing.
BIOLOGY	403	Course Prerequisite: BIOLOGY 301.
BIOLOGY	405	Course Prerequisite: BIOLOGY 301.
BIOLOGY	407	Course Prerequisite: BIOLOGY 102 or 106; junior standing.
BIOLOGY	408	Course Prerequisite: Junior standing.
BIOLOGY	409	Course Prerequisite: BIOLOGY 120 or 106.
BIOLOGY	410	Course Prerequisite: BIOLOGY 107.
BIOLOGY	412	Course Prerequisite: BIOLOGY 106.
BIOLOGY	413	Course Prerequisite: BIOLOGY 106; BIOLOGY 107.
BIOLOGY	418	Course Prerequisite: BIOLOGY 102 or BIOLOGY 106.
BIOLOGY	420	Course Prerequisite: BIOLOGY 106 or 120.
BIOLOGY	421	Course Prerequisite: BIOLOGY 420 or concurrent enrollment.
BIOLOGY	423	Course Prerequisite: BIOLOGY 106.
BIOLOGY	428	Course Prerequisite: BIOLOGY 106.
BIOLOGY	430	Course Prerequisite: Junior standing.
BIOLOGY	432	Course Prerequisite: BIOLOGY 106; BIOLOGY 372 or NATRS 300.
BIOLOGY	438	Course Prerequisite: BIOLOGY 106.
BIOLOGY	456	Course Prerequisite: BIOLOGY 301, MBIOS 303, or 300-level NEUROSCI course; STAT 412 or concurrent enrollment.
BIOLOGY	462	Course Prerequisite: BIOLOGY 106. Recommended preparation: BIOLOGY 372.
BIOLOGY	465	Course Prerequisite: BIOLOGY 372.
BIOLOGY	469	Course Prerequisite: BIOLOGY 372; CHEM 106.
BIOLOGY	476	Course Prerequisite: BIOLOGY 301.
BIOLOGY	480	Course Prerequisite: Certified major in Biology, Zoology, General Biological Sciences, or General Studies Basic Medical Sciences.
BIOLOGY	486	Course Prerequisite: BIOLOGY 106; BIOLOGY 107.
BIOLOGY	490	Course Prerequisite: By permission only.
BIOLOGY	491	Course Prerequisite: PSYCH 105; BIOLOGY 315; junior standing; by permission only.

BIOLOGY	494	Course Prerequisite: MATH 140 with a C or better, or MATH 172 with a C or better; BIOLOGY 101, BIOLOGY 102, BIOLOGY 106, or BIOLOGY 107.
BIOLOGY	495	Course Prerequisite: By permission only.
BIOLOGY	496	Course Prerequisite: By permission only.
BIOLOGY	497	Course Prerequisite: By permission only.
BIOLOGY	499	Course Prerequisite: By permission only.
BIOLOGY	521	Course Prerequisite: BIOLOGY 519.
BIOLOGY	598	Course Prerequisite: By permission only.
CE	211	Course Prerequisite: MATH 172 or concurrent enrollment; PHYSICS 201 or concurrent enrollment.
CE	215	Course Prerequisite: CE 211 with a C or better.
CE	302	Course Prerequisite: MATH 171; certified major in Civil Engineering or Construction Management.
CE	303	Course Prerequisite: CST M 254; certified major in Civil Engineering.
CE	315	Course Prerequisite: ME 212; certified major in Civil Engineering
CE	317	Course Prerequisite: CE 215 with a C or better; CE 315 or concurrent enrollment; certified major in Civil Engineering.
CE	322	Course Prerequisite: MATH 360 or concurrent enrollment or MATH 370 or concurrent enrollment; CE 302 or concurrent enrollment; certified major in Civil Engineering.
CE	330	Course Prerequisite: CE 215 with a C or better; certified major in Civil Engineering.
CE	341	Course Prerequisite: CHEM 105.
CE	351	Course Prerequisite: CE 315 with a C or better; certified major in Civil Engineering.
CE	400	Course Prerequisite: MATH 360 or concurrent enrollment, or MATH 370 or concurrent enrollment; senior standing; certified major in Civil Engineering.
CE	401	Course Prerequisite: CHEM 105; MATH 172; PHYSICS 201.
CE	402	Course Prerequisite: MATH 172; PHYSICS 201.
CE	403	Course Prerequisite: CE 402; CHEM 105.
CE	404	Course Prerequisite: Senior standing; certified major in Architecture, Construction Management, Civil Engr, Electrical Engr, Bioengineering, Chemical Engr, Mechanical Engr, Computer Science, Materials Science Engr, or Computer Engr.
CE	405	Course Prerequisite: Senior standing; certified major in Architecture, Construction Management, Civil Engr, Electrical Engr, Bioengineering, Chemical Engr, Mechanical Engr, Computer Science, Materials Science Engr, or Computer Engr.
CE	414	Course Prerequisite: CE 330; MATH 360 or concurrent enrollment, or MATH 370 or concurrent enrollment; certified major in Civil Engineering..
CE	415	Course Prerequisite: CE 341; MATH 360 or concurrent enrollment, or MATH 370 or concurrent enrollment; certified major in Civil Engineering.
CE	416	Course Prerequisite: CE 315; MATH 360 or concurrent enrollment, or MATH 370 or concurrent enrollment; certified major in Civil Engineering.
CE	418	Course Prerequisite: CE 341 with a C or better; certified major in Civil Engineering.
CE	419	Course Prerequisite: CE 418 with a C or better; certified major in Civil Engineering.

CE	425	Course Prerequisite: CE 317 with a C or better; certified major in Civil Engineering.
CE	430	Course Prerequisite: CE 330 with a C or better; MATH 220; E E 221; certified major in Civil Engineering.
CE	431	Course Prerequisite: CE 330 with a C or better; certified major in Civil Engineering.
CE	433	Course Prerequisite: CE 330 with a C or better; certified major in Civil Engineering.
CE	434	Course Prerequisite: CE 433 with a C or better; certified major in Civil Engineering.
CE	435	Course Prerequisite: CE 317 with a C or better; certified major in Civil Engineering.
CE	436	Course Prerequisite: CE 330 with a C or better; certified major in Civil Engineering.
CE	437	Course Prerequisite: CE 330.
CE	442	Course Prerequisite: CE 341 with a C or better; certified major in Civil Engineering, or Environmental Science.
CE	450	Course Prerequisite: CE 351 with a C or better; certified major in Civil Engineering.
CE	451	Course Prerequisite: CE 351 with a C or better; certified major in Civil Engineering.
CE	456	Course Prerequisite: CE 351 with a C or better; certified major in Civil Engineering.
CE	460	Course Prerequisite: CE 351 with a C or better; certified major in Civil Engineering.
CE	465	Course Prerequisite: Senior standing; certified major in Civil Engineering; must be taken final semester.
CE	466	Course Prerequisite: Senior standing; certified major in Civil Engr, Electrical Engr, Bioengineering, Chemical Engr, Mechanical Engr, Computer Science, Materials Science Engr, or Computer Engr.
CE	473	Course Prerequisite: CE 317; ECONS 101 or ECONS 102; CE 322 or concurrent enrollment.
CE	474	Course Prerequisite: CE 322.
CE	475	Course Prerequisite: CE 317 or GEOLOGY 315; MATH 140 or concurrent enrollment, or Math 172 or concurrent enrollment.
CE	480	Course Prerequisite: Senior status; certified major in Civil Engineering.
CE	495	Course Prerequisite: By interview only.
CE	540	Course Prerequisite: CE 515.
CES	300	Course Prerequisite: 3 hours of either CES or WOMEN ST, or SOC 101.
CES	301	Course Prerequisite: CES 201.
CES	372	Course Prerequisite: One of ANTH 101, 214, CES 101, 171, or WOMEN ST 200.
CES	405	Course Prerequisite: Junior standing.
CES	406	Course Prerequisite: 3 hours in PHIL or CES 201.
CES	411	Course Prerequisite: CES or WOMEN ST course; junior standing.
CES	413	Course Prerequisite: CES 101 or 111.
CES	426	Course Prerequisite: Junior standing.
CES	435	Course Prerequisite: Junior standing.
CES	440	Course Prerequisite: Junior standing.
CES	444	Course Prerequisite: Junior standing.
CES	454	Course Prerequisite: Junior standing.

CES	465	Course Prerequisite: Junior standing.
CES	470	Course Prerequisite: Junior standing.
CES	475	Course Prerequisite: ANTH 320, CES 171, 375, 377, or HISTORY 308; junior standing.
CES	491	Course Prerequisite: CES 201.
CES	494	Course Prerequisite: 3 units in CES.
CES	495	Course Prerequisite: 3 units in CES.
CES	498	Course Prerequisite: 12 hours of CES; junior standing.
CHE	110	Course Prerequisite: CHEM 105 with a C or better or concurrent enrollment; MATH 171 with a C or better or concurrent enrollment.
CHE	201	Course Prerequisite: CHEM 106 with a C or better or concurrent enrollment; MATH 172 with a C or better or concurrent enrollment.
CHE	211	Course Prerequisite: MATH 315 with a C or better or concurrent enrollment.
CHE	301	Course Prerequisite: CHE 201 with a C or better; CHEM 331 with a C or better or concurrent enrollment; certified major in Chemical Engineering.
CHE	310	Course Prerequisite: CHE 201 with a C or better; MATH 315 with a C or better or concurrent enrollment; certified major in Chemical Engineering.
CHE	321	Course Prerequisite: CHE 301 with a C or better; CHEM 331 with a C or better; MATH 315 with a C or better; certified major in Chemical Engineering.
CHE	332	Course Prerequisite: CHE 310 with a C or better; certified major in Chemical Engineering.
CHE	334	Course Prerequisite: CHE 301 with a C or better; CHE 310 with a C or better; CHE 332 with a C or better or concurrent enrollment; certified major in Chemical Engineering.
CHE	398	Course Prerequisite: Junior standing; certified major in Chemical Engineering.
CHE	432	Course Prerequisite: CHE 321 with a C or better; CHE 332 with a C or better; CHE 334 with a C or better.
CHE	433	Course Prerequisite: CHE 432 with a C or better.
CHE	441	Course Prerequisite: CHE 211 with a C or better, or CHE 310 with a C or better.
CHE	450	Course Prerequisite: CHE 321 with a C or better; CHE 332 with a C or better; CHE 334 with a C or better.
CHE	451	Course Prerequisite: CHE 450 with a C or better.
CHE	461	Course Prerequisite: Certified major in engineering or physical sciences; senior standing; MATH 315.
CHE	465	Course Prerequisite: CHE 321 with a C or better; CHE 334 with a C or better.
CHE	475	Course Prerequisite: CHE 321 with a C or better; CHE 332 with a C or better.
CHE	476	Course Prerequisite: CHE 310 with a C or better.
CHE	498	Course Prerequisite: Senior standing; certified major in Chemical Engineering.
CHEM	101	Course Prerequisite: Placement into MATH 105, ALEKS math placement score of 35%, or concurrent enrollment in or credit for Math 106, 107, 108, 140, 171, 172, 182, 202, or ENGR 107.
CHEM	102	Course Prerequisite: CHEM 101 with a C or better, or CHEM 105 with C or better.
CHEM	105	Course Prerequisite: MATH 106 or concurrent enrollment, or ALEKS math placement

		score of 50%, or concurrent enrollment in or credit for Math 107, 108, 140, 171, 172, 182, 202, or ENGR 107. Recommended preparation: One year high school chemistry or CHEM 101.
CHEM	106	Course Prerequisite: CHEM 105 with a grade of C or better; MATH 106 with a grade of C or better, or ALEKS math placement score of 50%.
CHEM	116	Course Prerequisite: By department permission.
CHEM	191	Course Prerequisite: CHEM 101 or concurrent enrollment, or CHEM 105 or concurrent enrollment.
CHEM	220	Course Prerequisite: CHEM 106 or 116.
CHEM	222	Course Prerequisite: CHEM 220 or concurrent enrollment.
CHEM	330	Course Prerequisite: CHEM 106 with a C or better, or CHEM 116 with a C or better; MATH 172 with a C or better.
CHEM	331	Course Prerequisite: MATH 273 with a C or better; PHYSICS 202 with a C or better.
CHEM	332	Course Prerequisite: MATH 273 with a C or better; MATH 220 with a C or better; PHYSICS 202 with a C or better.
CHEM	333	Course Prerequisite: CHEM 331 with a C or better or concurrent enrollment.
CHEM	334	Course Prerequisite: CHEM 332 with a C or better or concurrent enrollment; CHEM 333 with a C or better.
CHEM	335	Course Prerequisite: CHEM 331 with a C or better or concurrent enrollment.
CHEM	345	Course Prerequisite: CHEM 102 with a C or better, or CHEM 106 with a C or better.
CHEM	347	Course Prerequisite: CHEM 345 with a C or better.
CHEM	348	Course Prerequisite: CHEM 345 with a C or better.
CHEM	350	Course Prerequisite: Junior standing.
CHEM	401	Course Prerequisite: CHEM 332 with a C or better or concurrent enrollment.
CHEM	410	Course Prerequisite: CHEM 346 with a C or better, or CHEM 348 with a C or better; CHEM 332 with a C or better.
CHEM	425	Course Prerequisite: CHEM 332 with a C or better or concurrent enrollment.
CHEM	426	Course Prerequisite: CHEM 425 with a C or better or concurrent enrollment.
CHEM	480	Course Prerequisite: CHEM 332 with a C or better.
CHEM	490	Course Prerequisite: By department permission.
CHEM	495	Course Prerequisite: By department permission.
CHEM	499	Course Prerequisite: By department permission.
CHEM	536	Course Prerequisite: CHEM 532.
CHEM	540	Course Prerequisite: CHEM 542.
CHEM	543	Course Prerequisite: CHEM 542.
CHEM	545	Course Prerequisite: CHEM 542.
CHEM	550	Course Prerequisite: By instructor permission.
CHINESE	105	Course Prerequisite: CHINESE 101 or concurrent enrollment, or CHINESE 102 or concurrent enrollment.

CHINESE	205	Course Prerequisite: CHINESE 203 or concurrent enrollment, or CHINESE 204 or concurrent enrollment.
CHINESE	305	Course Prerequisite: CHINESE 204 or a 300-level CHINESE course or concurrent enrollment.
CHINESE	361	Course Prerequisite: CHINESE 204 with a grade of C or better.
CHINESE	363	Course Prerequisite: CHINESE 204 with a grade of C or better.
CHINESE	364	Course Prerequisite: CHINESE 204 with a grade of C or better.
CHINESE	405	Course Prerequisite: CHINESE 305.
CHINESE	450	Course Prerequisite: Two CHINESE 300-level courses excluding CHINESE 305.
COM	245	Course Prerequisite: Sophomore standing.
COM	265	Course Prerequisite: Sophomore standing.
COM	295	Course Prerequisite: Certified major or minor in Communication.
COM	321	Course Prerequisite: Certified in any major.
COM	409	Course Prerequisite: Certified major or minor in Communication.
COM	410	Course Prerequisite: Certified major or minor in Communication; junior standing.
COM	415	Course Prerequisite: Certified major or minor in Communication; junior standing.
COM	420	Course Prerequisite: Certified major or minor in Communication; junior standing.
COM	440	Course Prerequisite: Certified major or minor in Communication; junior standing.
COM	460	Course Prerequisite: Certified major or minor in Communication; junior standing.
COM	464	Course Prerequisite: COM 101 or WOMEN ST 200; certified major or minor in Communication.
COM	470	Course Prerequisite: Certified major or minor in Communication; senior standing.
COM	495	Course Prerequisite: By application only.
COM	499	Course Prerequisite: By interview only.
COM	504	Course Prerequisite: By interview only.
COM	600	Course Prerequisite: By interview only.
COM	700	Course Prerequisite: By interview only.
COM	702	Course Prerequisite: By interview only.
COM	800	Course Prerequisite: By interview only.
COMST	302	Course Prerequisite: COMST 102; certified in a major.
COMST	324	Course Prerequisite: COMST 102; certified in a major.
COMST	335	Course Prerequisite: Certified major in Communication.
COMST	351	Course Prerequisite: Certified major or minor in Communication.
COMST	401	Course Prerequisite: Certified major or minor in Communication.
COMST	435	Course Prerequisite: COMST 335.
COMST	475	Course Prerequisite: Certified major in Communication.
COMST	495	Course Prerequisite: By application only.
COMST	499	Course Prerequisite: Certified major in Communication; by interview only.
COUN PSY	501	Course Prerequisite: Admission to Counseling Psychology PhD program.
COUN PSY	512	Course Prerequisite: COUN PSY 511.

COUN PSY	517	Course Prerequisite: COUN PSY 511.
COUN PSY	518	Course Prerequisite: COUN PSY 512 or concurrent enrollment.
COUN PSY	525	Course Prerequisite: COUN PSY 512.
COUN PSY	527	Course Prerequisite: ED PSYCH 508; ED PSYCH 509.
COUN PSY	528	Course Prerequisite: ED PSYCH 508; ED PSYCH 509.
COUN PSY	529	Course Prerequisite: Admission to Counseling Psychology PhD program.
COUN PSY	531	Course Prerequisite: Admission to MA program in School Counseling.
COUN PSY	532	Course Prerequisite: COUN PSY 531.
COUN PSY	533	Course Prerequisite: COUN PSY 512; COUN PSY 513 or concurrent enrollment; COUN PSY 515 or concurrent enrollment.
COUN PSY	535	Course Prerequisite: COUN PSY 512; COUN PSY 513 or concurrent enrollment; COUN PSY 515 or concurrent enrollment.
COUN PSY	541	Course Prerequisite: Student in Counseling, Educational, Experimental, or Clinical Psychology.
COUN PSY	551	Course Prerequisite: Admission to Counseling Psychology PhD program; COUN PSY 512; COUN PSY 513 or concurrent enrollment; COUN PSY 515 or concurrent enrollment; COUN PSY 517 or concurrent enrollment.
COUN PSY	552	Course Prerequisite: COUN PSY 551.
COUN PSY	553	Course Prerequisite: COUN PSY 552.
COUN PSY	561	Course Prerequisite: Initial Counselor Certification; equivalent of 180 full days of school counselor experience; by department consent only.
COUN PSY	590	Course Prerequisite: By interview only.
CPT S	121	Course Prerequisite: MATH 106 with a C or better, or math placement score of 70% or higher.
CPT S	122	Course Prerequisite: CPT S 121 with a C or better.
CPT S	223	Course Prerequisite: CPT S 122 with a C or better; MATH 216 with a C or better or concurrent enrollment.
CPT S	224	Course Prerequisite: CPT S 122 with a C or better. Recommended preparation: CPT S 223 or equivalent.
CPT S	251	Course Prerequisite: MATH 171 with a C or better or concurrent enrollment.
CPT S	260	Course Prerequisite: CPT S 223 with a C or better or concurrent enrollment.
CPT S	317	Course Prerequisite: CPT S 122 with a C or better; MATH 216 with a C or better; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
CPT S	322	Course Prerequisite: CPT S 223 with a C or better or concurrent enrollment; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
CPT S	323	Course Prerequisite: CPT S 223 with a C or better; CPT S 322 with a C or better or concurrent enrollment; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
CPT S	355	Course Prerequisite: CPT S 223 with a C or better; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
CPT S	360	Course Prerequisite: CPT S 223 with a C or better; CPT S 260 with a C or better, or E E 234 with a C or better; certified major in Computer Science, Computer Engineering, or Electrical Engineering.

CPT S	401	Course Prerequisite: Junior standing.
CPT S	402	Course Prerequisite: CPT S 121 with a C or better; certified major in Computer Science.
CPT S	421	Course Prerequisite: CPT S 322 with a C or better; CPT S 323 with a C or better or concurrent enrollment; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
CPT S	422	Course Prerequisite: CPT S 322 with a C or better; CPT S 323 with a C or better; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
CPT S	423	Course Prerequisite: CPT S 421 with a C or better; CPT S 422 with a C or better or concurrent enrollment; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
CPT S	425	Course Prerequisite: CPT S 223 with a C or better; MATH 216 with a C or better; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
CPT S	427	Course Prerequisite: CPT S 360 with a C or better; MATH 216 with a C or better; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
CPT S	430	Course Prerequisite: MATH 315; CPT S 121, CPT S 251, or MATH 300.
CPT S	434	Course Prerequisite: CPT S 122 with a C or better; STAT 360 with a C or better; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
CPT S	438	Course Prerequisite: MATH 172 with a C or better; CPT S 223 with a C or better; and CptS 224 with a C or better; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
CPT S	440	Course Prerequisite: CPT S 122 with a C or better; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
CPT S	442	Course Prerequisite: CPT S 223 with a C or better; CPT S 224 with a C or better; MATH 220 with a C or better; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
CPT S	443	Course Prerequisite: Junior standing; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
CPT S	450	Course Prerequisite: CPT S 223 with a C or better; CPT S 317 with a C or better; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
CPT S	451	Course Prerequisite: CPT S 223 with a C or better; CPT S 224 with a C or better; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
CPT S	452	Course Prerequisite: CPT S 317 with a C or better; CPT S 355 with a C or better; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
CPT S	453	Course Prerequisite: MATH 220.
CPT S	455	Course Prerequisite: CPT S 360 with a C or better, or EE 234 with a C or better; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
CPT S	460	Course Prerequisite: CPT S 360 with a C or better; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
CPT S	464	Course Prerequisite: CPT S 360 with a C or better; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
CPT S	466	Course Prerequisite: CPT S 360 with a C or better; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
CPT S	470	Course Prerequisite: [B] GER with a C or better; concurrent enrollment in one of E E 415, E E

		416, CPT S 421, CPT S 423, ENTRP 496, ENGR 420, or ENGR 421; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
CPT S	471	Course Prerequisite: CPT S 450 with a C or better; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
CPT S	481	Course Prerequisite: CPT S 223 with a C or better; CPT S 224 with a C or better; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
CPT S	483	Course Prerequisite: Certified major in Computer Science, Computer Engineering, or Electrical Engineering. Required preparation: Varies with course offering, see instructor.
CPT S	490	Course Prerequisite: Computer Science major; by permission only.
CRM J	403	Course Prerequisite: Junior standing.
CRM J	468	Course Prerequisite: Junior standing. Recommended preparation: SOC 101, PSYCH 105, or CRM J 101.
CROP SCI	301	Course Prerequisite: BIOLOGY 102, 106, 107, or 120.
CROP SCI	302	Course Prerequisite: BIOLOGY 102, 106, 107, 120, or 135.
CROP SCI	305	Course Prerequisite: HORT 202 or AFS 201.
CROP SCI	360	Course Prerequisite: 6 units in the [B] or [P] GER categories.
CROP SCI	401	Course Prerequisite: CROP SCI 301.
CROP SCI	403	Course Prerequisite: HORT 202. Recommended preparation: CROP SCI 305; PL P 429.
CROP SCI	411	Course Prerequisite: HORT 202.
CROP SCI	443	Course Prerequisite: HORT 202; BIOLOGY 106 or 120.
CROP SCI	445	Course Prerequisite: MBIOS 301.
CRS	334	Course Prerequisite: Sophomore standing.
CRS	336	Course Prerequisite: 3 units [S] or [K] GER; sophomore standing.
CRS	431	Course Prerequisite: Junior or senior standing;
CRS	435	Course Prerequisite: 6 units [S] or [K] GER; junior standing.
CRS	441	Course Prerequisite: 6 units [S] or [K] GER; junior standing.
CS	121	Course Prerequisite: MATH 107 with a C or better or concurrent enrollment.
CS	122	Course Prerequisite: CS 121 with a C or better, or CS 251 with a C or better.
CS	216	Course Prerequisite: MATH 107 with a C or better, or MATH 108 with a C or better. Recommended preparation: Programming course.
CS	223	Course Prerequisite: CS 122 with a C or better; CS 216 with a C or better.
CS	224	Course Prerequisite: CS 122 with a C or better.
CS	251	Course Prerequisite: MATH 171 with a C or better or concurrent enrollment.
CS	260	Course Prerequisite: CS 122 with a C or better.
CS	261	Course Prerequisite: CS 260 with a C or better.
CS	317	Course Prerequisite: CS 122 with a C or better; CS 216 with a C or better.
CS	320	Course Prerequisite: CS 224 with a C or better; CS 216 with a C or better; ENGLISH 402 with a C or better or concurrent enrollment.
CS	330	Course Prerequisite: CS 251 or 261 with a C or better; MATH 172 with a C or better; MATH 220

		with a C or better.
CS	351	Course Prerequisite: CS 223; and CS 224.
CS	355	Course Prerequisite: CS 223; and CS 224.
CS	360	Course Prerequisite: CS 224 with a C or better; and CS 261 with a C or better.
CS	402	Course Prerequisite: Certified major in Computer Science or Electrical Engineering; completion of University Writing Portfolio.
CS	420	Course Prerequisite: CS 320 with a C or better; senior standing.
CS	425	Course Prerequisite: CS 360 with a C or better.
CS	427	Course Prerequisite: CS 216 with a C or better; CS 360 with a C or better.
CS	440	Course Prerequisite: CS 320 with a C or better; STAT 360 with a C or better, or MATH 212 with a C or better.
CS	442	Course Prerequisite: CS 223 with a C or better; CS 320 with a C or better; MATH 220 with a C or better.
CS	443	Course Prerequisite: Junior standing.
CS	447	Course Prerequisite: CS 223 with a C or better; CS 320 with a C or better.
CS	450	Course Prerequisite: CS 223 with a C or better; STAT 360 with a C or better.
CS	452	Course Prerequisite: CS 317 with a C or better; CS 355 with a C or better.
CS	453	Course Prerequisite: CS 351 with a C or better.
CS	455	Course Prerequisite: CS 360 with a C or better.
CS	460	Course Prerequisite: CS 360 with a C or better.
CS	466	Course Prerequisite: CS 360 with a C or better or ECE 234.
CS	483	Course Prerequisite: Certified major in Computer Science.
CS	490	Course Prerequisite: CS 224; CS 261; certified major in Computer Science; by permission only.
CST M	201	Course Prerequisite: Certified major in Construction Management.
CST M	202	Course Prerequisite: CST M 201; certified major in Construction Management.
CST M	252	Course Prerequisite: CST M 102; certified major in Construction Management.
CST M	254	Course Prerequisite: Certified major in Construction Management or Civil Engineering.
CST M	356	Course Prerequisite: ARCH 352; CST M 262; certified major in Construction Management.
CST M	357	Course Prerequisite: CST M 356; certified major in Construction Management.
CST M	362	Course Prerequisite: CST M 252; certified major in Construction Management.
CST M	368	Course Prerequisite: Junior standing; certified major in Construction Management.
CST M	370	Course Prerequisite: CST M 252; certified major in Construction Management.
CST M	371	Course Prerequisite: CST M 370; certified major in Construction Management.
CST M	451	Course Prerequisite: Certified major in Construction Management; CST M 371.
CST M	458	Course Prerequisite: Certified major in Construction Management; junior standing.
CST M	460	Course Prerequisite: CST M 451; certified major in Construction Management.
CST M	462	Course Prerequisite: CST M 371; certified major in Construction Management.
CST M	466	Course Prerequisite: Certified major in Construction Management, or junior standing and

		certified major in Civil Engineering.
CST M	467	Course Prerequisite: CST M 252; CST M 370; senior standing; certified major in Construction Management.
CST M	469	Course Prerequisite: Certified major in Construction Management; senior standing.
CST M	473	Course Prerequisite: MGTOP 301; certified major in Construction Management.
CST M	475	Course Prerequisite: CST M 460; MGTOP 301; certified major in Construction Management.
CST M	482	Course Prerequisite: Certified major in Architecture or Construction Management; junior standing.
CST M	495	Course Prerequisite: Certified major in Construction Management.
DANCE	310	Course Prerequisite: By audition only.
DESIGN	396	Course Prerequisite: Certified major in Interior Design.
DESIGN	561	Course Prerequisite: Doctoral standing.
DESIGN	562	Course Prerequisite: DESIGN 561.
DESIGN	563	Course Prerequisite: DESIGN 562.
DESIGN	564	Course Prerequisite: DESIGN 562. Recommended preparation: Concurrent enrollment in DESIGN 563; DESIGN 565.
DESIGN	565	Course Prerequisite: DESIGN 562. Recommended preparation: Concurrent enrollment in DESIGN 563; DESIGN 564.
DESIGN	570	Course Prerequisite: DESIGN 564; DESIGN 565.
DESIGN	590	Course Prerequisite: Doctoral standing.
DESIGN	598	Course Prerequisite: Doctoral standing.
DTC	475	Course Prerequisite: Junior standing.
DTC	476	Course Prerequisite: DTC 375.
DTC	477	Course Prerequisite: DTC 355.
DTC	478	Course Prerequisite: DTC 355.
E E	221	Course Prerequisite: MATH 172 with a C or better; MATH 220 with a C or better.
E E	234	Course Prerequisite: CPT S 122 with a C or better; E E 214 with a C or better.
E E	261	Course Prerequisite: MATH 315 with a C or better or concurrent enrollment; PHYSICS 202 with a C or better.
E E	262	Course Prerequisite: E E 261 with a C or better or concurrent enrollment.
E E	304	Course Prerequisite: MATH 315 with a C or better or concurrent enrollment.
E E	311	Course Prerequisite: E E 214 with a C or better; E E 261 with a C or better; concurrent enrollment in E E 352; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	321	Course Prerequisite: E E 261 with a C or better; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	324	Course Prerequisite: E E 214 with a C or better; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	331	Course Prerequisite: E E 261 with a C or better; E E 262 with a C or better; MATH 315 with a C or better; PHYSICS 202 with a C or better. Certification not required.

E E	334	Course Prerequisite: E E 234 with a C or better; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	341	Course Prerequisite: E E 321 with a C or better; STAT 360 with a C or better or concurrent enrollment, or STAT 443 with a C or better or concurrent enrollment; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	351	Course Prerequisite: E E 331 with a C or better; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	352	Course Prerequisite: Concurrent enrollment in E E 311; E E 321 with a C or better or concurrent enrollment; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	361	Course Prerequisite: E E 321 with a C or better; E E 331 with a C or better; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	362	Course Prerequisite: E E 262 with a C or better; E E 352 with a C or better; concurrent enrollment in E E 361; concurrent enrollment in E E 341; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	415	Course Prerequisite: E E 341 with a C or better and E E 361 with a C or better, or E E 334 with a C or better and Cpt S 360 with a C or better; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	416	Course Prerequisite: E E 415 with a C or better; ENGLISH 402 with a C or better or concurrent enrollment, or ENGLISH 403 with a C or better or concurrent enrollment; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	431	Course Prerequisite: E E 341 with a C or better; E E 351 with a C or better; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	432	Course Prerequisite: E E 341 with a C or better; E E 351 with a C or better; STAT 360 with a C or better or STAT 443 with a C or better; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	434	Course Prerequisite: E E 234 with a C or better; E E 321 with a C or better; E E 324 with a C or better; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	451	Course Prerequisite: E E 341 with a C or better, STAT 360 with a C or better, or STAT 443 with a C or better; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	455	Course Prerequisite: CPT S 360 with a C or better, or E E 234 with a C or better; certified major in Computer Science, Computer Engineering, or Electrical Engineering.
E E	464	Course Prerequisite: E E 341 with a C or better; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	466	Course Prerequisite: E E 234 with a C or better; E E 311 with a C or better; E E 324 with a C or better; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	470	Course Prerequisite: [B] GER with a C or better; concurrent enrollment in one of E E 415, E E 416, CPT S 421, CPT S 423, ENTRP 496, ENGR 420, or ENGR 421; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	476	Course Prerequisite: E E 311 with a C or better; E E 351 with a C or better or concurrent enrollment; E E 489 with a C or better or concurrent enrollment; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	477	Course Prerequisite: Concurrent enrollment in E E 476; certified major in Electrical Engineering,

		Computer Science, or Computer Engineering.
E E	486	Course Prerequisite: E E 311 with a C or better; E E 321 with a C or better; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	489	Course Prerequisite: E E 341 with a C or better or concurrent enrollment; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	491	Course Prerequisite: E E 361 with a C or better; E E 362 with a C or better; STAT 360 with a C or better, or STAT 443 with a C or better; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	492	Course Prerequisite: E E 361 with a C or better; E E 362 with a C or better; STAT 360 with a C or better, or STAT 443 with a C or better; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	493	Course Prerequisite: E E 361 with a C or better; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	494	Course Prerequisite: E E 361 with a C or better; E E 493 with a C or better or concurrent enrollment; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	495	Course Prerequisite: Electrical Engineering major; by permission only.
E E	496	Course Prerequisite: E E 311 with a C or better or MSE 302 with a C or better; STAT 360 with a C or better, or STAT 443 with a C or better; certified major in Electrical Engineering, Computer Science, or Computer Engineering.
E E	502	Course Prerequisite: E E 501.
E E	503	Course Prerequisite: E E 501; E E 507.
E E	505	Course Prerequisite: E E 501.
E E	508	Course Prerequisite: E E 501; E E 507.
E E	509	Course Prerequisite: E E 501.
E E	530	Course Prerequisite: E E 507.
E E	545	Course Prerequisite: E E 507.
E E	548	Course Prerequisite: E E 507.
E E	551	Course Prerequisite: E E 507.
E E	581	Course Prerequisite: E E 521.
E M	460	Course Prerequisite: Junior standing.
E M	490	Course Prerequisite: Junior standing.
E M	534	Course Prerequisite: E M 526 or 530.
ECE	101	Course Prerequisite: MATH 107 or concurrent enrollment.
ECE	214	Course Prerequisite: ECE 101; MATH 107.
ECE	234	Course Prerequisite: CS 251 or CS 261 with a C or better; ECE 214.
ECE	260	Course Prerequisite: ECE 101; MATH 315 or concurrent enrollment.
ECE	295	Course Prerequisite: ECE 214; ECE 260 or concurrent enrollment.
ECE	302	Course Prerequisite: CHEM 105; PHYSICS 202.
ECE	321	Course Prerequisite: ECE 260.

ECE	324	Course Prerequisite: ECE 214.
ECE	325	Course Prerequisite: ECE 214; ECE 260.
ECE	341	Course Prerequisite: ECE 321.
ECE	345	Course Prerequisite: ECE 295; STAT 360 or concurrent enrollment.
ECE	349	Course Prerequisite: ECE 302; ECE 325.
ECE	366	Course Prerequisite: ECE 314; ECE 325 or concurrent enrollment.
ECE	370	Course Prerequisite: ECE 260.
ECE	405	Course Prerequisite: Certified major in Electrical Engineering; completion of University Writing Portfolio.
ECE	411	Course Prerequisite: ECE 321.
ECE	414	Course Prerequisite: ECE 341.
ECE	424	Course Prerequisite: ECE 234.
ECE	425	Course Prerequisite: ECE 341; ECE 370.
ECE	451	Course Prerequisite: ECE 325; ENGLISH 402; senior standing; certified major in Electrical Engineering.
ECE	452	Course Prerequisite: ECE 451.
ECE	471	Course Prerequisite: ECE 425.
ECE	475	Course Prerequisite: ECE 370; STAT 360.
ECE	476	Course Prerequisite: ECE 324; ECE 366.
ECE	477	Course Prerequisite: ECE 324; ECE 366.
ECE	483	Course Prerequisite: Junior standing; certified major in Electrical Engineering.
ECE	486	Course Prerequisite: ECE 349.
ECE	490	Course Prerequisite: By permission only.
ECE	495	Course Prerequisite: ECE 345; ECE 414; ECE 425.
ECE	499	Course Prerequisite: By permission only.
ECONS	101	Course Prerequisite: MATH 101, 103, 107, 201, 202, or 171, or Math 106 and 108.
ECONS	102	Course Prerequisite: MATH 101, 103, 107, 201, 202, or 171, or Math 106 and 108.
ECONS	198	Course Prerequisite: Honors College student.
ECONS	301	Course Prerequisite: ECONS 101; MATH 171 or 202.
ECONS	302	Course Prerequisite: ECONS 102; MATH 171 or 202. Recommended preparation: ECONS 101 as required background.
ECONS	305	Course Prerequisite: ECONS 101.
ECONS	311	Course Prerequisite: ECONS 101; ECONS 102; STAT 212 or MGTOP 215; MATH 202 or 171.
ECONS	320	Course Prerequisite: ECONS 101; ECONS 102.
ECONS	321	Course Prerequisite: ECONS 101.
ECONS	322	Course Prerequisite: ECONS 101.
ECONS	323	Course Prerequisite: ECONS 101.
ECONS	324	Course Prerequisite: ECONS 101.

ECONS	325	Course Prerequisite: ECONS 101.
ECONS	326	Course Prerequisite: ECONS 101.
ECONS	327	Course Prerequisite: ECONS 101; ECONS 102.
ECONS	330	Course Prerequisite: ECONS 101.
ECONS	335	Course Prerequisite: ACCTG 230; ECONS 101; MATH 107 or 201; STAT 212 or MGTOP 215.
ECONS	350	Course Prerequisite: ECONS 101.
ECONS	351	Course Prerequisite: ECONS 101.
ECONS	352	Course Prerequisite: ECONS 101.
ECONS	391	Course Prerequisite: ECONS 101; ECONS 102.
ECONS	420	Course Prerequisite: ECONS 301; ECONS 302.
ECONS	425	Course Prerequisite: ECONS 301; ECONS 311.
ECONS	426	Course Prerequisite: ECONS 301; ECONS 311.
ECONS	427	Course Prerequisite: ECONS 301; ECONS 302.
ECONS	428	Course Prerequisite: GENED 111; ECONS 101 or ECONS 102.
ECONS	431	Course Prerequisite: ECONS 301; ECONS 311; ECONS 330.
ECONS	432	Course Prerequisite: ECONS 301.
ECONS	450	Course Prerequisite: ECONS 101.
ECONS	451	Course Prerequisite: ECONS 301, 305, or 351; ECONS 311.
ECONS	452	Course Prerequisite: ECONS 301; MATH 171 or MATH 202; MGTOP 215 or STAT 212. Recommended preparation: ECONS 350 or ECONS 352 as required background.
ECONS	453	Course Prerequisite: ECONS 301; ECONS 311.
ECONS	490	Course Prerequisite: ECONS 301; ECONS 302; ECONS 311; average of these three courses needs to be a 2.0 GPA or better.
ECONS	491	Course Prerequisite: ECONS 301, ECONS 302 and ECONS 311.
ECONS	502	Course Prerequisite: ECONS 500.
ECONS	503	Course Prerequisite: ECONS 501.
ECONS	504	Course Prerequisite: ECONS 502; ECONS 503.
ECONS	511	Course Prerequisite: ECONS 510.
ECONS	512	Course Prerequisite: ECONS 501; ECONS 511.
ECONS	513	Course Prerequisite: ECONS 502; ECONS 503; ECONS 512.
ECONS	514	Course Prerequisite: ECONS 502; ECONS 503; ECONS 512.
ECONS	534	Course Prerequisite: ECONS 526.
ECONS	555	Course Prerequisite: Admission to MBA program.
ECONS	571	Course Prerequisite: ECONS 502; ECONS 503; ECONS 511.
ECONS	572	Course Prerequisite: ECONS 502; ECONS 503; ECONS 511.
ECONS	581	Course Prerequisite: ECONS 502; ECONS 503; ECONS 511.
ECONS	582	Course Prerequisite: ECONS 502; ECONS 503; ECONS 511.
ECONS	583	Course Prerequisite: ECONS 502; ECONS 503; ECONS 511.

ECONS	593	Course Prerequisite: ECONS 502; ECONS 503; ECONS 511.
ECONS	594	Course Prerequisite: ECONS 502; ECONS 503; ECONS 511.
ECONS	596	Course Prerequisite: Admission to PhD programs in business.
ED AD	536	Course Prerequisite: ED PSYCH 505 or ED RES 563.
ED AD	537	Course Prerequisite: ED RES 564 or ED AD 536.
ED AD	538	Course Prerequisite: ED RES 564 or ED AD 536.
ED AD	562	Course Prerequisite: ED AD 560; ED AD 561.
ED AD	563	Course Prerequisite: ED AD 561; admission to EdD program.
ED AD	565	Course Prerequisite: Graduate student with 15 hours of completed course work in TCH LRN, ED AD, ED PSYCH, or ED RES courses.
ED AD	568	Course Prerequisite: By instructor permission.
ED AD	590	Course Prerequisite: By interview only.
ED PSYCH	401	Course Prerequisite: TCH LRN 301.
ED PSYCH	468	Course Prerequisite: TCH LRN 464; TCH LRN 465; TCH LRN 466; concurrent enrollment in TCH LRN 467; concurrent enrollment in TCH LRN 469; admission to the teacher preparation program.
ED PSYCH	511	Course Prerequisite: ED PSYCH 508; ED PSYCH 509.
ED PSYCH	564	Course Prerequisite: ED RES 563.
ED PSYCH	565	Course Prerequisite: ED PSYCH 508; ED RES 563.
ED PSYCH	568	Course Prerequisite: ED PSYCH 505; ED RES 565.
ED PSYCH	569	Course Prerequisite: ED RES 565.
ED PSYCH	570	Course Prerequisite: ED PSYCH 505 or ED RES 563.
ED PSYCH	571	Course Prerequisite: ED PSYCH 570.
ED RES	562	Course Prerequisite: Doctoral standing in Education; ED PSYCH 505 or concurrent enrollment.
ED RES	563	Course Prerequisite: COUN PSY 501, ED RES 562, or admission to EdD program.
ED RES	564	Course Prerequisite: ED RES 563.
ED RES	565	Course Prerequisite: ED PSYCH 508; ED RES 563.
ED RES	566	Course Prerequisite: Doctoral standing in Education.
ENGLISH	100	Course Prerequisite: Appropriate Writing Placement Exam score.
ENGLISH	101	Course Prerequisite: Appropriate Writing Placement Exam score.
ENGLISH	104	Course Prerequisite: Appropriate Writing Placement Exam score.
ENGLISH	105	Course Prerequisite: Appropriate Writing Placement Exam score.
ENGLISH	200	Course Prerequisite: Sophomore standing.
ENGLISH	201	Course Prerequisite: ENGLISH 101 or 105.
ENGLISH	202	Course Prerequisite: ENGLISH 101; concurrent [M] course.
ENGLISH	298	Course Prerequisite: Honors College student.
ENGLISH	299	Course Prerequisite: Honors College student.
ENGLISH	301	Course Prerequisite: ENGLISH 101 or 105.

ENGLISH	302	Course Prerequisite: ENGLISH 101.
ENGLISH	303	Course Prerequisite: Completion of written communication proficiency course [W] GER; completion of University Writing Portfolio.
ENGLISH	304	Course Prerequisite: Completion of written communication proficiency course [W] GER; completion of University Writing Portfolio.
ENGLISH	307	Course Prerequisite: ENGLISH 302 or concurrent enrollment.
ENGLISH	324	Course Prerequisite: Junior standing.
ENGLISH	351	Course Prerequisite: ENGLISH 251 or 252.
ENGLISH	352	Course Prerequisite: ENGLISH 251 or 252.
ENGLISH	353	Course Prerequisite: ENGLISH 251 or 252.
ENGLISH	358	Course Prerequisite: Junior standing.
ENGLISH	359	Course Prerequisite: ENGLISH 251 or 252.
ENGLISH	402	Course Prerequisite: ENGLISH 101; junior standing.
ENGLISH	403	Course Prerequisite: ENGLISH 101; junior standing; pass University Writing Portfolio.
ENGLISH	405	Course Prerequisite: ENGLISH 402. Other background may substitute. See department.
ENGLISH	409	Course Prerequisite: Junior standing.
ENGLISH	410	Course Prerequisite: Junior standing.
ENGLISH	415	Course Prerequisite: Junior standing.
ENGLISH	419	Course Prerequisite: Junior standing.
ENGLISH	446	Course Prerequisite: One of following: English 351, 352, 353, or 359.
ENGLISH	451	Course Prerequisite: One of following: English 351, 352, 353, or 359.
ENGLISH	452	Course Prerequisite: One of following: English 351, 352, 353, or 359.
ENGLISH	453	Course Prerequisite: One of following: English 351, 352, 353, or 359.
ENGLISH	461	Course Prerequisite: ENGLISH 402 or 403.
ENGLISH	470	Course Prerequisite: Junior standing.
ENGLISH	472	Course Prerequisite: Junior standing.
ENGLISH	475	Course Prerequisite: Junior standing.
ENGLISH	476	Course Prerequisite: DTC 375.
ENGLISH	477	Course Prerequisite: DTC or ENGLISH 355.
ENGLISH	478	Course Prerequisite: DTC or ENGLISH 355.
ENGLISH	480	Course Prerequisite: ENGLISH 302.
ENGLISH	481	Course Prerequisite: ENGLISH 302.
ENGLISH	482	Course Prerequisite: ENGLISH 302.
ENGLISH	483	Course Prerequisite: ENGLISH 302.
ENGLISH	484	Course Prerequisite: ENGLISH 302.
ENGLISH	485	Course Prerequisite: ENGLISH 302.
ENGLISH	486	Course Prerequisite: ENGLISH 302.
ENGLISH	487	Course Prerequisite: ENGLISH 302.

ENGLISH	488	Course Prerequisite: ENGLISH 302.
ENGLISH	489	Course Prerequisite: ENGLISH 302.
ENGLISH	498	Course Prerequisite: Certified major in English; junior standing.
ENGLISH	502	Course Prerequisite: ENGLISH 501.
ENGLISH	532	Course Prerequisite: ENGLISH 501.
ENGLISH	591	Course Prerequisite: By permission only.
ENGR	107	Course Prerequisite: MATH 101 or 103 with a grade of C or better, or ALEKS math placement score of 40% or higher.
ENGR	420	Course Prerequisite: Senior standing; certified engineering major.
ENGR	421	Course Prerequisite: Senior standing; certified engineering major.
ENTOM	340	Course Prerequisite: BIOLOGY 106 or 107.
ENTOM	350	Course Prerequisite: BIOLOGY 106 or 372.
ENTOM	401	Course Prerequisite: BIOLOGY 106. Recommended preparation: BIOLOGY 150.
ENTOM	441	Course Prerequisite: ENTOM 343 or BIOLOGY 372.
ENTOM	445	Course Prerequisite: ENTOM 343.
ENTOM	446	Course Prerequisite: ENTOM 343.
ENTRP	426	Course Prerequisite: FIN 325.
ENTRP	485	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
ENTRP	486	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
ENTRP	489	Course Prerequisite: FIN 325; MGMT 301; MKTG 360; certified major in the College of Business, or certified minor in Business Administration.
ENTRP	492	Course Prerequisite: FIN 325; MGMT 301; MKTG 360; certified major in the College of Business, or certified minor in Business Administration.
ENTRP	496	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
ENTRP	498	Course Prerequisite: By permission of the department.
ENTRP	499	Course Prerequisite: By permission of the department.
ENTRP	501	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
ENTRP	588	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
ENTRP	600	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
ENVR SCI	275	Course Prerequisite: ENVR SCI 101.
ENVR SCI	285	Course Prerequisite: ENVR SCI 101.
ENVR SCI	301	Course Prerequisite: NATRS 300 or concurrent enrollment.
ENVR SCI	303	Course Prerequisite: GEOLOGY 101 or 102.
ENVR SCI	335	Course Prerequisite: ENVR SCI 101.
ENVR SCI	404	Course Prerequisite: CHEM 345; PHYSICS 102 or 202. Recommended preparation: BIOLOGY 372.

ENVR SCI	406	Course Prerequisite: BIOLOGY 107; CHEM 105; MATH 171; PHYSICS 101.
ENVR SCI	412	Course Prerequisite: Junior standing. Recommended preparation: NATRS 312.
ENVR SCI	415	Course Prerequisite: SOIL SCI 414 or concurrent enrollment.
ENVR SCI	425	Course Prerequisite: ECONS 301; ECONS 311; ECONS 330.
ENVR SCI	435	Course Prerequisite: 6 units [S] or [K] GER; junior standing.
ENVR SCI	465	Course Prerequisite: BIOLOGY 372; by permission of the instructor.
ENVR SCI	469	Course Prerequisite: BIOLOGY 372; CHEM 106.
ENVR SCI	480	Course Prerequisite: ECONS 301.
ENVR SCI	486	Course Prerequisite: SOIL SCI 368.
ENVR SCI	491	Course Prerequisite: Certified major in Environmental Science and Regional Planning; senior standing.
ENVR SCI	495	Course Prerequisite: By interview only.
ENVR SCI	532	Course Prerequisite: ENVR SCI 531 or PHARMSCI 505.
ENVR SCI	548	Course Prerequisite: By interview only.
EXSCI	590	Course Prerequisite: By interview only.
FIN	325	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
FIN	345	Course Prerequisite: FIN 325 or concurrent enrollment; certified major in the College of Business, or certified minor in Business Administration.
FIN	350	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
FIN	421	Course Prerequisite: FIN 325; certified major in the College of Business, or certified minor in Business Administration.
FIN	422	Course Prerequisite: FIN 325; certified major in the College of Business, or certified minor in Business Administration.
FIN	425	Course Prerequisite: FIN 325; certified major in the College of Business, or certified minor in Business Administration.
FIN	426	Course Prerequisite: FIN 325; certified major in the College of Business, or certified minor in Business Administration.
FIN	427	Course Prerequisite: FIN 325; certified major in the College of Business, or certified minor in Business Administration.
FIN	428	Course Prerequisite: FIN 427 or 437; certified major in the College of Business, or certified minor in Business Administration.
FIN	429	Course Prerequisite: FIN 325; FIN 421, 425, or 427, or concurrent enrollment; certified major in the College of Business, or certified minor in Business Administration.
FIN	437	Course Prerequisite: FIN 325; certified major in the College of Business, or certified minor in Business Administration.
FIN	438	Course Prerequisite: FIN 325; FIN 437 or 427; certified major in the College of Business, or certified minor in Business Administration.
FIN	445	Course Prerequisite: FIN 325; certified major in the College of Business, or certified minor in Business Administration.

FIN	447	Course Prerequisite: FIN 325; FIN 345; certified major in the College of Business, or certified minor in Business Administration.
FIN	451	Course Prerequisite: FIN 325; certified major in the College of Business, or certified minor in Business Administration.
FIN	452	Course Prerequisite: FIN 325; certified major in the College of Business, or certified minor in Business Administration.
FIN	456	Course Prerequisite: FIN 325; certified major in the College of Business, or certified minor in Business Administration.
FIN	481	Course Prerequisite: FIN 325; certified major in the College of Business, or certified minor in Business Administration.
FIN	496	Course Prerequisite: FIN 325; certified major in the College of Business, or certified minor in Business Administration.
FIN	498	Course Prerequisite: By permission of the department.
FIN	499	Course Prerequisite: By permission of the department.
FIN	502	Course Prerequisite: ECONS 500.
FIN	503	Course Prerequisite: ECONS 501.
FIN	504	Course Prerequisite: ECONS 502; ECONS 503.
FIN	511	Course Prerequisite: ECONS 510.
FIN	512	Course Prerequisite: ECONS 501; ECONS 511.
FIN	521	Course Prerequisite: FIN 525; admission to the MBA, Master of Accounting, or Business PhD programs.
FIN	525	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
FIN	526	Course Prerequisite: FIN 525; admission to the MBA, Master of Accounting, or Business PhD programs.
FIN	527	Course Prerequisite: FIN 525; admission to the MBA, Master of Accounting, or Business PhD programs.
FIN	528	Course Prerequisite: FIN 527; admission to the MBA, Master of Accounting, or Business PhD programs.
FIN	581	Course Prerequisite: FIN 525; admission to the MBA, Master of Accounting, or Business PhD programs.
FIN	593	Course Prerequisite: ECONS 502; ECONS 503; ECONS 511.
FIN	594	Course Prerequisite: ECONS 502; ECONS 503; ECONS 511.
FIN	596	Course Prerequisite: Admission to PhD programs in business, or ECONS 500 and ECONS 501.
FIN	600	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
FIN	702	Course Prerequisite: Admission to the MBA program.
FIN	800	Course Prerequisite: Admission to PhD programs in business.
FINE ART	101	Course Prerequisite: For non-majors only.
FINE ART	111	Course Prerequisite: FINE ART 102 or 110.
FINE ART	303	Course Prerequisite: FINE ART 201; FINE ART 202.
FINE ART	304	Course Prerequisite: FINE ART 201; FINE ART 202.

FINE ART	305	Course Prerequisite: FINE ART 201.
FINE ART	307	Course Prerequisite: FINE ART 202.
FINE ART	312	Course Prerequisite: FINE ART 110.
FINE ART	313	Course Prerequisite: FINE ART 111.
FINE ART	320	Course Prerequisite: FINE ART 110.
FINE ART	321	Course Prerequisite: FINE ART 320.
FINE ART	331	Course Prerequisite: Certified major or minor in Fine Art, or DTC majors and minors.
FINE ART	332	Course Prerequisite: FINE ART 102 or concurrent enrollment; FINE ART 103 or concurrent enrollment; FINE ART 110 or concurrent enrollment.
FINE ART	333	Course Prerequisite: FINE ART 102 or concurrent enrollment; FINE ART 103 or concurrent enrollment; FINE ART 110 or concurrent enrollment.
FINE ART	340	Course Prerequisite: FINE ART 103 or 110.
FINE ART	341	Course Prerequisite: FINE ART 340.
FINE ART	350	Course Prerequisite: FINE ART 103 or 110.
FINE ART	351	Course Prerequisite: FINE ART 350.
FINE ART	370	Course Prerequisite: FINE ART 102.
FINE ART	371	Course Prerequisite: FINE ART 102.
FINE ART	381	Course Prerequisite: FINE ART 102.
FINE ART	382	Course Prerequisite: FINE ART 381.
FINE ART	385	Course Prerequisite: FINE ART 332 or 381.
FINE ART	408	Course Prerequisite: Certified major in Fine Art, with an Art History option.
FINE ART	423	Course Prerequisite: FINE ART 321; certified major in Fine Art.
FINE ART	433	Course Prerequisite: FINE ART 332.
FINE ART	434	Course Prerequisite: FINE ART 333.
FINE ART	435	Course Prerequisite: FINE ART 332.
FINE ART	442	Course Prerequisite: FINE ART 341.
FINE ART	452	Course Prerequisite: FINE ART 351.
FINE ART	471	Course Prerequisite: FINE ART 370 or 371.
FINE ART	483	Course Prerequisite: FINE ART 382; certified major in Fine Art.
FINE ART	490	Course Prerequisite: Permission of the Museum of Art.
FINE ART	493	Course Prerequisite: Certified BFA major.
FINE ART	495	Course Prerequisite: Certified major in Fine Art.
FINE ART	498	Course Prerequisite: FINE ART 304.
FOR LANG	400	Course Prerequisite: GENED 110 or 111.
FOR LANG	410	Course Prerequisite: Junior standing.
FOR LANG	440	Course Prerequisite: 204-level foreign language course.
FRENCH	105	Course Prerequisite: FRENCH 101 or concurrent enrollment, or FRENCH 102 or concurrent enrollment.

FRENCH	205	Course Prerequisite: FRENCH 203 or concurrent enrollment, or FRENCH 204 or concurrent enrollment.
FRENCH	305	Course Prerequisite: FRENCH 204, or a 300-level FRENCH course or concurrent enrollment.
FRENCH	310	Course Prerequisite: FRENCH 306, 307, or 308.
FRENCH	320	Course Prerequisite: FRENCH 306, 307, or 308.
FRENCH	350	Course Prerequisite: FRENCH 306, 307, or 308.
FRENCH	361	Course Prerequisite: FRENCH 204 with a C or better.
FRENCH	405	Course Prerequisite: FRENCH 408 or concurrent enrollment.
FRENCH	408	Course Prerequisite: FRENCH 308 with a C or better.
FRENCH	430	Course Prerequisite: Junior standing.
FRENCH	450	Course Prerequisite: Two FRENCH 300-level courses, excluding FRENCH 305.
FS	303	Course Prerequisite: FS 220 or concurrent enrollment; MATH 140 or MATH 171. Recommended preparation: STAT 212.
FS	304	Course Prerequisite: CHEM 345.
FS	416	Course Prerequisite: MBIOS 305; MBIOS 306.
FS	417	Course Prerequisite: Concurrent enrollment in FS 416.
FS	418	Course Prerequisite: Junior standing; certified major in Food Science.
FS	422	Course Prerequisite: STAT 212; FS 110 or VIT ENOL 113.
FS	423	Course Prerequisite: FS 422 or concurrent enrollment. Recommended preparation: Age 21 or older.
FS	429	Course Prerequisite: CHEM 345; MBIOS 101 or 301; MBIOS 303.
FS	430	Course Prerequisite: FS 429 or concurrent enrollment.
FS	432	Course Prerequisite: FS 303; MATH 140; PHYSICS 101.
FS	433	Course Prerequisite: FS 432 or concurrent enrollment.
FS	460	Course Prerequisite: CHEM 345. Recommended preparation: MBIOS 303.
FS	461	Course Prerequisite: FS 460 or concurrent enrollment.
FS	462	Course Prerequisite: CHEM 345; FS 303; MBIOS 305; MBIOS 306; senior standing. Recommended preparation: FS 460; FS 461.
FS	464	Course Prerequisite: MBIOS 303.
FS	465	Course Prerequisite: MBIOS 303; MBIOS 305. Recommended preparation: MBIOS 306.
FS	466	Course Prerequisite: FS 465 or concurrent enrollment; MBIOS 306.
FS	470	Course Prerequisite: FS 303. Recommended preparation: FS 416; FS 432; FS 460.
FS	489	Course Prerequisite: FS 303; FS 416; FS 460; senior standing.
FS	495	Course Prerequisite: Sophomore standing.
FS	496	Course Prerequisite: Sophomore standing.
FS	530	Course Prerequisite: Concurrent enrollment in FS 529.
FSHN	305	Course Prerequisite: ATH T 271; ATH T 275; BIOLOGY 140.
GENST	400	Course Prerequisite: By interview only.

GEOLOGY	102	Course Prerequisite: Certified major in sciences, engineering, or in the Honors College.
GEOLOGY	221	Course Prerequisite: GEOLOGY 210.
GEOLOGY	303	Course Prerequisite: GEOLOGY 101 or 102.
GEOLOGY	307	Course Prerequisite: GEOLOGY 101; GEOLOGY 210.
GEOLOGY	308	Course Prerequisite: GEOLOGY 307; GEOLOGY 340; GEOLOGY 350.
GEOLOGY	315	Course Prerequisite: CHEM 106 or GEOLOGY 101; MATH 140 or concurrent enrollment, or Math 171 or concurrent enrollment; PHYSICS 102 or 202.
GEOLOGY	320	Course Prerequisite: GEOLOGY 210; GEOLOGY 350.
GEOLOGY	322	Course Prerequisite: GEOLOGY 101 or 102.
GEOLOGY	323	Course Prerequisite: GEOLOGY 101 or 102.
GEOLOGY	340	Course Prerequisite: GEOLOGY 210; MATH 107.
GEOLOGY	350	Course Prerequisite: CHEM 101 or 105; GEOLOGY 101, 102, or 210.
GEOLOGY	356	Course Prerequisite: GEOLOGY 350.
GEOLOGY	390	Course Prerequisite: Junior standing.
GEOLOGY	405	Course Prerequisite: GEOLOGY 340.
GEOLOGY	406	Course Prerequisite: GEOLOGY 320.
GEOLOGY	428	Course Prerequisite: STAT 360.
GEOLOGY	445	Course Prerequisite: Biological science GER; physical science GER; junior standing.
GEOLOGY	467	Course Prerequisite: GEOLOGY 320; GEOLOGY 356.
GEOLOGY	470	Course Prerequisite: GEOLOGY 340; GEOLOGY 350.
GEOLOGY	475	Course Prerequisite: CE 317 or GEOLOGY 315; MATH 140 or concurrent enrollment, or Math 172 or concurrent enrollment.
GEOLOGY	480	Course Prerequisite: CHEM 106; GEOLOGY 350.
GEOLOGY	490	Course Prerequisite: GEOLOGY 101; GEOLOGY 210.
GEOLOGY	588	Course Prerequisite: GEOLOGY 583.
GERMAN	105	Course Prerequisite: GERMAN 101 or concurrent enrollment, or GERMAN 102 or concurrent enrollment.
GERMAN	205	Course Prerequisite: GERMAN 203 or concurrent enrollment, or GERMAN 204 or concurrent enrollment.
GERMAN	305	Course Prerequisite: GERMAN 204; or a 300-level GERMAN course or concurrent enrollment.
GERMAN	310	Course Prerequisite: GERMAN 307 or GERMAN 308.
GERMAN	320	Course Prerequisite: GERMAN 307 or GERMAN 308.
GERMAN	350	Course Prerequisite: GERMAN 307 or GERMAN 308.
GERMAN	408	Course Prerequisite: GERMAN 308 with a grade of C or better.
GERMAN	450	Course Prerequisite: Two GERMAN 300-level courses, excluding GERMAN 305.
GERMAN	451	Course Prerequisite: Two GERMAN 300-level courses, excluding GERMAN 305.
GERMAN	452	Course Prerequisite: Two GERMAN 300-level courses, excluding GERMAN 305.
H D	202	Course Prerequisite: H D 101, 201, or 340.

H D	300	Course Prerequisite: Sophomore standing.
H D	301	Course Prerequisite: Sophomore standing.
H D	302	Course Prerequisite: Sophomore standing.
H D	305	Course Prerequisite: Sophomore standing.
H D	310	Course Prerequisite: Junior standing.
H D	320	Course Prerequisite: Sophomore standing.
H D	334	Course Prerequisite: Sophomore standing.
H D	340	Course Prerequisite: Sophomore standing.
H D	341	Course Prerequisite: H D 101, 201, or 340; sophomore standing.
H D	342	Course Prerequisite: H D 201 or 340; H D 341; sophomore standing.
H D	350	Course Prerequisite: Sophomore standing.
H D	360	Course Prerequisite: Sophomore standing.
H D	385	Course Prerequisite: Sophomore standing.
H D	403	Course Prerequisite: Junior standing.
H D	406	Course Prerequisite: Junior standing.
H D	407	Course Prerequisite: TCH LRN 415; junior standing; by permission only.
H D	408	Course Prerequisite: Junior standing.
H D	410	Course Prerequisite: H D 310; junior standing.
H D	412	Course Prerequisite: Junior standing.
H D	420	Course Prerequisite: Junior standing.
H D	430	Course Prerequisite: H D 385; junior standing.
H D	446	Course Prerequisite: H D majors or H D certificate students; H D 201 or 340; H D 341; H D 342; junior standing; by permission only.
H D	449	Course Prerequisite: H D 201 or 340; junior standing.
H D	464	Course Prerequisite: H D 201 or 340; junior standing.
H D	479	Course Prerequisite: Junior standing.
H D	480	Course Prerequisite: Junior standing.
H D	482	Course Prerequisite: H D 201 or 340; junior standing.
H D	485	Course Prerequisite: By permission only.
H D	486	Course Prerequisite: Sophomore standing.
H D	487	Course Prerequisite: Sophomore standing.
H D	495	Course Prerequisite: By permission only.
H D	497	Course Prerequisite: H D 310; junior standing; by permission only.
H D	498	Course Prerequisite: H D majors or H D certificate students; H D 385 or H D 497; by permission only.
H D	499	Course Prerequisite: By permission only.
H D	514	Course Prerequisite: H D 513.
H D	540	Course Prerequisite: H D 535.

H D	580	Course Prerequisite: H D 560.
HBM	301	Course Prerequisite: ACCTG 230; certified major in the College of Business, or certified minor in Hospitality Business Management.
HBM	320	Course Prerequisite: ACCTG 230; certified major in the College of Business, or certified minor in Hospitality Business Management.
HBM	350	Course Prerequisite: ACCTG 230; certified major in the College of Business, or certified minor in Hospitality Business Management; must be 21 years of age.
HBM	358	Course Prerequisite: Certified major in the College of Business, or certified minor in Hospitality Business Management.
HBM	381	Course Prerequisite: ACCTG 230; certified major in the College of Business, or certified minor in Hospitality Business Management.
HBM	383	Course Prerequisite: Certified major in the College of Business, or certified minor in Hospitality Business Management.
HBM	384	Course Prerequisite: ACCTG 230; certified major in the College of Business, or certified minor in Hospitality Business Management.
HBM	458	Course Prerequisite: HBM 258; certified major in the College of Business, or certified minor in Hospitality Business Management.
HBM	480	Course Prerequisite: Certified major in the College of Business, or certified minor in Hospitality Business Management.
HBM	491	Course Prerequisite: FIN 325; HBM 280; certified major in the College of Business, or certified minor in Hospitality Business Management.
HBM	495	Course Prerequisite: HBM 358; HBM 381; HBM 491; HBM 494; certified major in the College of Business, or certified minor in Hospitality Business Management.
HBM	497	Course Prerequisite: ACCTG 230; certified major in the College of Business, or certified minor in Hospitality Business Management.
HBM	498	Course Prerequisite: By permission of the department.
HBM	499	Course Prerequisite: By permission of the department.
HBM	535	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
HBM	581	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
HBM	591	Course Prerequisite: Admission to PhD programs in business.
HBM	592	Course Prerequisite: Admission to PhD programs in business.
HBM	597	Course Prerequisite: Admission to PhD programs in business.
HBM	600	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
HBM	800	Course Prerequisite: Admission to PhD programs in business.
HF	481	Course Prerequisite: Certified Teacher Education major; HF 361; TCH LRN 464 or concurrent enrollment; TCH LRN 465 or concurrent enrollment.
HF	483	Course Prerequisite: Certified Teacher Education major; TCH LRN 464 or concurrent enrollment; TCH LRN 465 or concurrent enrollment.
HISTORY	300	Course Prerequisite: Certified major in History or Social Studies.

HISTORY	315	Course Prerequisite: Junior standing.
HISTORY	399	Course Prerequisite: One of the following: HISTORY 110, HISTORY 111, or WOMEN ST 200.
HISTORY	409	Course Prerequisite: Junior standing.
HISTORY	425	Course Prerequisite: Junior standing.
HISTORY	426	Course Prerequisite: Junior standing.
HISTORY	435	Course Prerequisite: Junior standing.
HISTORY	436	Course Prerequisite: Junior standing.
HISTORY	439	Course Prerequisite: Junior standing.
HISTORY	444	Course Prerequisite: Junior standing.
HISTORY	464	Course Prerequisite: Junior standing.
HISTORY	466	Course Prerequisite: Junior standing.
HISTORY	469	Course Prerequisite: HISTORY 300 with a C or better.
HISTORY	473	Course Prerequisite: Junior standing.
HISTORY	480	Course Prerequisite: Certified major in History or Social Studies.
HISTORY	483	Course Prerequisite: Junior standing.
HISTORY	491	Course Prerequisite: Junior standing.
HISTORY	492	Course Prerequisite: Junior standing.
HISTORY	495	Course Prerequisite: Junior standing.
HISTORY	498	Course Prerequisite: Certified major or minor in History.
HONORS	198	Course Prerequisite: Honors College student.
HONORS	270	Course Prerequisite: Honors College student.
HONORS	280	Course Prerequisite: Honors College student.
HONORS	290	Course Prerequisite: Honors College student; any [B] or [P] lab or concurrent enrollment. Recommended preparation: For science or engineering majors.
HONORS	370	Course Prerequisite: Honors College student; HONORS 270 or ECONS 198; for certified majors in Business, Economics, and Engineering.
HONORS	380	Course Prerequisite: Honors College student; HONORS 280.
HONORS	390	Course Prerequisite: Honors College student; HONORS 290, SCIENCE 299, CHEM 116, MATH 182, PHYSICS 205, or PHYSICS 206; for certified majors in Engineering.
HONORS	398	Course Prerequisite: Honors College student; sophomore standing.
HONORS	399	Course Prerequisite: HONORS 398; sophomore standing. (Restricted to students currently active in the University Scholars Program- Vancouver only)
HONORS	450	Course Prerequisite: Honors College student.
HORT	251	Course Prerequisite: BIOLOGY 106, BIOLOGY 107, BIOLOGY 120, or HORT 202.
HORT	310	Course Prerequisite: BIOLOGY 106, BIOLOGY 107, BIOLOGY 120, or HORT 202.
HORT	313	Course Prerequisite: BIOLOGY 106, BIOLOGY 107, BIOLOGY 120, or HORT 202.
HORT	321	Course Prerequisite: Concurrent enrollment in HORT 320.
HORT	322	Course Prerequisite: MATH GER, or MATH 107.

HORT	326	Course Prerequisite: HORT 313.
HORT	358	Course Prerequisite: Concurrent enrollment in HORT 357.
HORT	399	Course Prerequisite: Integrated Plant Sciences major or by interview.
HORT	413	Course Prerequisite: BIOLOGY 420; HORT 313; SOIL SCI 201.
HORT	416	Course Prerequisite: BIOLOGY 106, BIOLOGY 107, BIOLOGY 120, or HORT 202; junior standing. Recommended preparation: BIOLOGY 420.
HORT	418	Course Prerequisite: BIOLOGY 420. Recommended preparation: HORT 202.
HORT	421	Course Prerequisite: 6 hours HORT, BIOLOGY, or VIT ENOL. Recommended preparation: HORT 310 or HORT 313.
HORT	425	Course Prerequisite: Junior standing.
HORT	435	Course Prerequisite: BIOLOGY 420; MBIOS 303; MBIOS 305. Recommended preparation: Analytical chemistry.
HORT	445	Course Prerequisite: MBIOS 301.
HORT	480	Course Prerequisite: BIOLOGY 420. Recommended preparation: MBIOS 301 or CROP SCI 444.
HORT	488	Course Prerequisite: BIOLOGY 420; HORT 313.
HUMANITY	410	Course Prerequisite: Junior standing.
HUMANITY	450	Course Prerequisite: Junior standing.
I BUS	380	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
I BUS	399	Course Prerequisite: By permission only.
I BUS	415	Course Prerequisite: B LAW 210; certified major in the College of Business, or certified minor in Business Administration.
I BUS	416	Course Prerequisite: B LAW 210; certified major in the College of Business, or certified minor in Business Administration.
I BUS	435	Course Prerequisite: Certified major in the College of Business, or option of Personnel Psychology & Human Resource Management, or certified minor in Business Administration.
I BUS	470	Course Prerequisite: ECONS 101; ECONS 102.
I BUS	482	Course Prerequisite: I BUS 380; certified major in the College of Business, or certified minor in Business Administration.
I BUS	496	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
I BUS	498	Course Prerequisite: By permission of the department.
I BUS	499	Course Prerequisite: By permission of the department.
I BUS	580	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
I BUS	581	Course Prerequisite: FIN 525; admission to the MBA, Master of Accounting, or Business PhD programs.
I BUS	582	Course Prerequisite: MKTG 505; admission to the MBA, Master of Accounting, or Business PhD programs.
I BUS	600	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
I D	102	Course Prerequisite: I D 101.

ID	201	Course Prerequisite: I D 102; I D 197 or I D 103.
ID	203	Course Prerequisite: I D 201.
ID	205	Course Prerequisite: I D 197 or I D 103.
ID	297	Course Prerequisite: I D 201.
ID	303	Course Prerequisite: By Permission Only.
ID	321	Course Prerequisite: Certified major in Interior Design.
ID	325	Course Prerequisite: Certified major in Interior Design.
ID	326	Course Prerequisite: Certified major in Interior Design.
ID	333	Course Prerequisite: I D 321.
ID	392	Course Prerequisite: Certified major in Interior Design.
ID	415	Course Prerequisite: Certified major in Interior Design.
ID	425	Course Prerequisite: I D 333 or I D 303.
ID	426	Course Prerequisite: I D 425.
ID	477	Course Prerequisite: Certified major in Interior Design.
ID	490	Course Prerequisite: By Permission Only.
ID	530	Course Prerequisite: Graduate standing in Architecture, Interior Design, or Landscape Architecture.
INTERDIS	490	Course Prerequisite: By permission only.
INTERDIS	580	Course Prerequisite: By permission only.
INTERDIS	591	Course Prerequisite: By permission only.
INTERDIS	597	Course Prerequisite: By permission only.
INTERDIS	598	Course Prerequisite: By permission only.
ITALIAN	105	Course Prerequisite: ITALIAN 101 or concurrent enrollment, or ITALIAN 102 or concurrent enrollment.
JAPANESE	105	Course Prerequisite: JAPANESE 101 or concurrent enrollment, or JAPANESE 102 or concurrent enrollment.
JAPANESE	205	Course Prerequisite: JAPANESE 203 or concurrent enrollment, or JAPANESE 204 or concurrent enrollment.
JAPANESE	305	Course Prerequisite: JAPANESE 204, or a 300-level JAPANESE course or concurrent enrollment.
JOUR	305	Course Prerequisite: Certified major in Communication.
JOUR	330	Course Prerequisite: JOUR 305.
JOUR	425	Course Prerequisite: JOUR 305.
JOUR	431	Course Prerequisite: ADVER 381, JOUR 330, or P R 313.
JOUR	475	Course Prerequisite: Certified major in Communication.
JOUR	495	Course Prerequisite: JOUR 330; and JOUR 425; by application only.
LATIN	369	Course Prerequisite: By permission only.
LIB A	497	Course Prerequisite: By interview only.
LND ARCH	222	Course Prerequisite: Sophomore standing.

LND ARCH	262	Course Prerequisite: LND ARCH 101.
LND ARCH	263	Course Prerequisite: LND ARCH 262.
LND ARCH	327	Course Prerequisite: LND ARCH 263; certified major in Landscape Architecture.
LND ARCH	333	Course Prerequisite: Junior standing or certified major in Landscape Architecture.
LND ARCH	362	Course Prerequisite: LND ARCH 263.
LND ARCH	366	Course Prerequisite: LND ARCH 365.
LND ARCH	367	Course Prerequisite: LND ARCH 366.
LND ARCH	380	Course Prerequisite: LND ARCH 263.
LND ARCH	450	Course Prerequisite: LND ARCH 363.
LND ARCH	467	Course Prerequisite: GEOL 101 or SOIL SCI 201.
LND ARCH	470	Course Prerequisite: LND ARCH 363.
LND ARCH	475	Course Prerequisite: LND ARCH 363.
LND ARCH	477	Course Prerequisite: LND ARCH 467.
LND ARCH	480	Course Prerequisite: LND ARCH 363.
LND ARCH	485	Course Prerequisite: LND ARCH 475.
LND ARCH	491	Course Prerequisite: LND ARCH 263.
LND ARCH	530	Course Prerequisite: Graduate standing in Architecture, Interior Design, or Landscape Architecture.
MATH	105	Course Prerequisite: MATH 101 with a C or better, Math 103 with a C or better, or ALEKS math placement score of 35%.
MATH	106	Course Prerequisite: MATH 101 with a C or better, Math 103 with a C or better, or ALEKS math placement score of 40%.
MATH	107	Course Prerequisite: MATH 101 with a C or better, MATH 103 with a C or better, or ALEKS math placement score of 50%.
MATH	108	Course Prerequisite: MATH 106 with a C or better.
MATH	110	Course Prerequisite: Concurrent enrollment MATH 107.
MATH	111	Course Prerequisite: Concurrent enrollment MATH 201.
MATH	140	Course Prerequisite: MATH 106 with a C or better and MATH 108 with a C or better, or MATH 107 with a C or better, or ALEKS math placement score of 60%.
MATH	151	Course Prerequisite: MATH 106 with a C or better, or ALEKS math placement score of 50%.
MATH	171	Course Prerequisite: MATH 106 with a C or better and MATH 108 with a C or better, or MATH 107 with a C or better, or ALEKS math placement score of 70%.
MATH	172	Course Prerequisite: MATH 171 with a C or better.
MATH	182	Course Prerequisite: MATH 171 with a C or better; by department permission only.
MATH	201	Course Prerequisite: MATH 101 with a C or better, MATH 103 with a C or better, or ALEKS math placement score of 40%.
MATH	202	Course Prerequisite: MATH 106 with a C or better, MATH 107 with a C or better, MATH 201 with a C or better, or ALEKS math placement score of 50%.
MATH	216	Course Prerequisite: MATH 107 with a C or better, or MATH 108 with a C or better. Recommended preparation: Programming course.

MATH	220	Course Prerequisite: MATH 171 or concurrent enrollment.
MATH	230	Course Prerequisite: MATH 171 or concurrent enrollment.
MATH	251	Course Prerequisite: Math 101 with a C or better, Math 103 with a C or better, Math 106 with a C or better, or ALEKS math placement score of 40%.
MATH	252	Course Prerequisite: MATH 251 with a C or better. Required preparation: One year of high school geometry.
MATH	273	Course Prerequisite: MATH 172 with a C or better.
MATH	283	Course Prerequisite: MATH 182.
MATH	300	Course Prerequisite: MATH 220. Recommended preparation: MATH 315.
MATH	301	Course Prerequisite: MATH 220 with a C or better, or MATH 230 with a C or better.
MATH	302	Course Prerequisite: MATH 172 with a C or better; MATH 301 with a C or better.
MATH	303	Course Prerequisite: MATH 220 with a C or better.
MATH	315	Course Prerequisite: MATH 273 with a C or better; MATH 220 with a C or better or concurrent enrollment.
MATH	320	Course Prerequisite: MATH 220 with a C or better.
MATH	325	Course Prerequisite: MATH 220 with a C or better.
MATH	330	Course Prerequisite: MATH 301 or concurrent enrollment.
MATH	340	Course Prerequisite: MATH 140 with a C or better, or MATH 172 with a C or better; BIOLOGY 101, 102, 106, or 107.
MATH	351	Course Prerequisite: MATH 252 with a C or better.
MATH	360	Course Prerequisite: MATH 172.
MATH	364	Course Prerequisite: MATH 202 or MATH 220.
MATH	370	Course Prerequisite: MATH 172.
MATH	375	Course Prerequisite: MATH 315.
MATH	398	Course Prerequisite: MATH 172.
MATH	401	Course Prerequisite: MATH 301 with a C or better.
MATH	402	Course Prerequisite: MATH 401.
MATH	415	Course Prerequisite: MATH 315.
MATH	416	Course Prerequisite: MATH 360; CPT S 121, CPT S 251, or MATH 300.
MATH	420	Course Prerequisite: MATH 220 with a C or better, or MATH 230 with a C or better; MATH 301 with a C or better.
MATH	421	Course Prerequisite: MATH 301 with a C or better.
MATH	425	Course Prerequisite: By instructor permission only.
MATH	431	Course Prerequisite: MATH 301 with a C or better.
MATH	432	Course Prerequisite: MATH 301 with a C or better.
MATH	440	Course Prerequisite: MATH 315.
MATH	441	Course Prerequisite: MATH 315.
MATH	443	Course Prerequisite: MATH 172; MATH 220.
MATH	448	Course Prerequisite: MATH 315; CPT S 121, CPT S 251, or MATH 300.

MATH	453	Course Prerequisite: MATH 220.
MATH	456	Course Prerequisite: STAT 430 or 443.
MATH	464	Course Prerequisite: MATH 273.
MATH	466	Course Prerequisite: MATH 364.
MATH	486	Course Prerequisite: MATH 315.
MATH	490	Course Prerequisite: By instructor permission only.
MATH	494	Course Prerequisite: MATH 140 with a C or better, or MATH 172 with a C or better; BIOLOGY 101, 102, 106, or 107.
MATH	497	Course Prerequisite: By instructor permission.
MATH	502	Course Prerequisite: MATH 501. Required preparation: Advanced linear algebra.
MATH	503	Course Prerequisite: MATH 501.
MATH	504	Course Prerequisite: MATH 501.
MATH	508	Course Prerequisite: MATH 502.
MATH	532	Course Prerequisite: By instructor permission.
MATH	533	Course Prerequisite: Graduate standing in Mathematics.
MATH	561	Course Prerequisite: MATH 560.
MATH	565	Course Prerequisite: MATH 564.
MATH	571	Course Prerequisite: MATH 570.
MBIOS	101	Course Prerequisite: Not intended for majors in the School of Molecular Biosciences.
MBIOS	301	Course Prerequisite: BIOLOGY 106 or 120; BIOLOGY 107; CHEM 101 or 105; CHEM 102 or 106.
MBIOS	303	Course Prerequisite: CHEM 102 or 345.
MBIOS	304	Course Prerequisite: MBIOS 303 or concurrent enrollment; MBIOS 305 or concurrent enrollment.
MBIOS	305	Course Prerequisite: BIOLOGY 106 or 120; BIOLOGY 107; CHEM 102 or 345.
MBIOS	306	Course Prerequisite: MBIOS 305 or concurrent enrollment.
MBIOS	342	Course Prerequisite: BIOLOGY 106 or 120; CHEM 102 or concurrent enrollment, or CHEM 345 or concurrent enrollment.
MBIOS	360	Course Prerequisite: MBIOS 301; MBIOS 303 or concurrent enrollment.
MBIOS	401	Course Prerequisite: MBIOS 301; MBIOS 303.
MBIOS	402	Course Prerequisite: MBIOS 301; MBIOS 304.
MBIOS	404	Course Prerequisite: MBIOS 301; MBIOS 303; MBIOS 305 or concurrent enrollment.
MBIOS	410	Course Prerequisite: MBIOS 305; MBIOS 404 or concurrent enrollment.
MBIOS	411	Course Prerequisite: MBIOS 304; MBIOS 410 or concurrent enrollment.
MBIOS	413	Course Prerequisite: MBIOS 303; junior standing.
MBIOS	414	Course Prerequisite: MBIOS 413.
MBIOS	423	Course Prerequisite: MBIOS 301.
MBIOS	426	Course Prerequisite: MBIOS 301; MBIOS 303.
MBIOS	430	Course Prerequisite: MBIOS 304; MBIOS 305; concurrent enrollment in MBIOS 440 or 442.

MBIOS	440	Course Prerequisite: MBIOS 305.
MBIOS	442	Course Prerequisite: MBIOS 301; MBIOS 303 or concurrent enrollment.
MBIOS	446	Course Prerequisite: Junior standing.
MBIOS	450	Course Prerequisite: MBIOS 303; MBIOS 304; MBIOS 305.
MBIOS	454	Course Prerequisite: MBIOS 303; MBIOS 304.
MBIOS	465	Course Prerequisite: MBIOS 303; MATH 140 or 171; PHYSICS 102 or 202.
MBIOS	466	Course Prerequisite: MBIOS 465; MATH 172; PHYSICS 202.
MBIOS	478	Course Prerequisite: MBIOS 301, 303, or CPT S 355.
MBIOS	494	Course Prerequisite: Certified major in Biochemistry, Genetics and Cell Biology, or Microbiology; senior standing.
MBIOS	495	Course Prerequisite: By permission only.
MBIOS	507	Course Prerequisite: MBIOS 503; MBIOS 513 or concurrent enrollment.
MBIOS	508	Course Prerequisite: MBIOS 507; MBIOS 513. Recommended preparation: One semester of calculus.
MBIOS	514	Course Prerequisite: MBIOS 513.
MBIOS	561	Course Prerequisite: MBIOS 513.
MBIOS	568	Course Prerequisite: MBIOS 513 or concurrent enrollment.
ME	212	Course Prerequisite: MATH 172 with a grade of C or better; CE 211 with a grade C or better.
ME	216	Course Prerequisite: ME 116.
ME	220	Course Prerequisite: CE 215 or concurrent enrollment.
ME	301	Course Prerequisite: PHYSICS 201 with a grade of C or better.
ME	303	Course Prerequisite: ME 212.
ME	305	Course Prerequisite: ME 301; ME 303; MATH 370 or concurrent enrollment; certified major in Mechanical Engineering, Materials Science Engineering, Civil Engineering, or Electrical Engineering.
ME	310	Course Prerequisite: MSE 201; certified major in Mechanical Engineering, Materials Science Engineering, Civil Engineering, or Electrical Engineering.
ME	311	Course Prerequisite: ME 310 or concurrent enrollment; certified major in Mechanical Engineering, Materials Science Engineering, Civil Engineering, or Electrical Engineering.
ME	313	Course Prerequisite: MATH 315 or concurrent enrollment; CE215; EE221, CPT S 121 or CPT S 251.
ME	316	Course Prerequisite: CE 215; ME 216; certified major in Mechanical Engineering, Materials Science Engineering, Civil Engineering, or Electrical Engineering.
ME	348	Course Prerequisite: ME 212; ME 313; certified major in Mechanical Engineering, Materials Science Engineering, Civil Engineering, or Electrical Engineering.
ME	401	Course Prerequisite: E E 304; ME 348.
ME	402	Course Prerequisite: ME 404; certified major in Mechanical Engineering, Materials Science Engineering, Civil Engineering, or Electrical Engineering.
ME	404	Course Prerequisite: ME 301; ME 303 or concurrent enrollment; certified major in Mechanical Engineering, Materials Science Engineering, Civil Engineering, or Electrical Engineering.

ME	406	Course Prerequisite: ME 220; ME 305; ME 316; ME 404. Recommended preparation: ME 348.
ME	407	Course Prerequisite: ME 303.
ME	413	Course Prerequisite: CE 215; MSE 201.
ME	414	Course Prerequisite: CE 215; certified major in Mechanical Engineering, Materials Science Engineering, Civil Engineering, or Electrical Engineering. Recommended preparation: ME 220.
ME	416	Course Prerequisite: ME 316; ME 348; ME 404; ME 414 or concurrent enrollment.
ME	419	Course Prerequisite: ME 404.
ME	431	Course Prerequisite: ME 301; ME 303; ME 404; certified major in Mechanical Engineering, Materials Science Engineering, Civil Engineering, Electrical Engineering, or Architecture.
ME	436	Course Prerequisite: ME 303.
ME	439	Course Prerequisite: ME 303.
ME	449	Course Prerequisite: ME 348.
ME	461	Course Prerequisite: Certified major in engineering or physical sciences; senior standing; MATH 315.
ME	472	Course Prerequisite: ME 414.
ME	473	Course Prerequisite: ME 316.
ME	474	Course Prerequisite: ME 310.
ME	475	Course Prerequisite: ME 313; ME 316.
ME	481	Course Prerequisite: ME 348.
ME	495	Course Prerequisite: Certified major in Mechanical Engineering, Materials Science Engineering, Civil Engineering, or Electrical Engineering; by interview only.
MECH	211	Course Prerequisite: MATH 172 or concurrent enrollment; PHYSICS 201 or concurrent enrollment.
MECH	212	Course Prerequisite: MECH 211.
MECH	215	Course Prerequisite: MECH 211.
MECH	301	Course Prerequisite: PHYSICS 201.
MECH	303	Course Prerequisite: MECH 212. Recommended preparation: MATH 315.
MECH	304	Course Prerequisite: MATH 315 or concurrent enrollment; PHYSICS 202.
MECH	309	Course Prerequisite: MECH 215; CHEM 106 or concurrent enrollment; PHYSICS 201 or concurrent enrollment.
MECH	310	Course Prerequisite: MECH 103; MECH 309; certified major in Mechanical Engineering.
MECH	314	Course Prerequisite: MECH 215.
MECH	348	Course Prerequisite: MECH 212; MATH 315; certified major in Mechanical Engineering.
MECH	402	Course Prerequisite: MECH 404.
MECH	404	Course Prerequisite: MATH 220; MATH 315; MECH 301; MECH 303; certified major in Mechanical Engineering.
MECH	405	Course Prerequisite: MECH 304; CS 251.
MECH	414	Course Prerequisite: MECH 215; MECH 309; MECH 314; certified major in Mechanical Engineering.

MECH	416	Course Prerequisite: MECH 310; MECH 404; MECH 414.
MECH	417	Course Prerequisite: MECH 416.
MECH	431	Course Prerequisite: CHEM 105; PHYSICS 202.
MECH	438	Course Prerequisite: CHEM 105; MATH 315; PHYSICS 202.
MECH	442	Course Prerequisite: MECH 404.
MECH	450	Course Prerequisite: CHEM 106; PHYSICS 202.
MECH	467	Course Prerequisite: MECH 348.
MECH	468	Course Prerequisite: MECH 348.
MECH	476	Course Prerequisite: MECH 310.
MECH	485	Course Prerequisite: MECH 215; MECH 310 or concurrent enrollment.
MECH	489	Course Prerequisite: MECH 215; MECH 309.
MECH	495	Course Prerequisite: Certified Mechanical Engineering major.
MEDS	505	Course Prerequisite: For WWAMI students only.
MEDS	510	Course Prerequisite: For WWAMI students only.
MEDS	511	Course Prerequisite: For WWAMI students only.
MEDS	512	Course Prerequisite: For WWAMI students only.
MEDS	513	Course Prerequisite: For WWAMI students only.
MEDS	514	Course Prerequisite: For WWAMI students only.
MEDS	516	Course Prerequisite: For WWAMI students only.
MEDS	522	Course Prerequisite: For WWAMI students only.
MEDS	523	Course Prerequisite: For WWAMI students only.
MEDS	524	Course Prerequisite: For WWAMI students only.
MEDS	535	Course Prerequisite: For WWAMI students only.
MEDS	553	Course Prerequisite: For WWAMI students only.
MEDS	590	Course Prerequisite: For WWAMI students only.
MGMT	101	Course Prerequisite: Enrollment not allowed if credit already earned in MGMT 301 or MKTG 360.
MGMT	301	Course Prerequisite: Certified major [any college] with 60 semester hours.
MGMT	401	Course Prerequisite: MGMT 301; certified major in the College of Business, or certified minor in Business Administration.
MGMT	450	Course Prerequisite: MGMT 301; certified major in the College of Business, or certified minor in Business Administration.
MGMT	455	Course Prerequisite: MGMT 450 or concurrent enrollment; certified major in the College of Business, or certified minor in Business Administration.
MGMT	456	Course Prerequisite: MGMT 450 or concurrent enrollment; certified major in the College of Business, or certified minor in Business Administration.
MGMT	483	Course Prerequisite: MGMT 301; certified major in the College of Business, or certified minor in Business Administration.
MGMT	485	Course Prerequisite: Certified major in the College of Business, or option of Personnel

		Psychology & Human Resource Management, or certified minor in Business Administration.
MGMT	487	Course Prerequisite: MGMT 301; certified major in the College of Business, or certified minor in Business Administration.
MGMT	491	Course Prerequisite: MGTOP 340; FIN 325; MGMT 301; MIS 250; MKTG 360; certified major in the College of Business, or certified minor in Business Administration.
MGMT	496	Course Prerequisite: Certified major in the College of Business, or option of Personnel Psychology & Human Resource Management, or certified minor in Business Administration.
MGMT	498	Course Prerequisite: By permission of the department.
MGMT	499	Course Prerequisite: By permission of the department.
MGMT	702	Course Prerequisite: Admission to the MBA program.
MGMT	800	Course Prerequisite: Admission to PhD programs in business.
MGTOP	215	Course Prerequisite: MATH 201; MIS 250 or concurrent enrollment.
MGTOP	340	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MGTOP	412	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MGTOP	418	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MGTOP	452	Course Prerequisite: MGTOP 340; certified major in the College of Business, or certified minor in Business Administration.
MGTOP	470	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MGTOP	489	Course Prerequisite: FIN 325; MGMT 301; MKTG 360; certified major in the College of Business, or certified minor in Business Administration.
MGTOP	492	Course Prerequisite: FIN 325; MGMT 301; MKTG 360; certified major in the College of Business, or certified minor in Business Administration.
MGTOP	496	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MGTOP	498	Course Prerequisite: By permission of the department.
MGTOP	499	Course Prerequisite: By permission of the department.
MGTOP	581	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
MGTOP	582	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
MGTOP	585	Course Prerequisite: Admission to the Master of Accounting program, MBA program, Master of Public Affairs (MPA) program, or Business Ph.D. programs.
MGTOP	587	Course Prerequisite: Admission to the Master of Accounting program, MBA program, Master of Public Affairs (MPA) program, or Business Ph.D. programs.
MGTOP	588	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
MGTOP	589	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
MGTOP	590	Course Prerequisite: Admission to the Master of Accounting program, MBA program, Master of Public Affairs (MPA) program, or Business Ph.D. programs.
MGTOP	591	Course Prerequisite: Admission to the Master of Accounting program, MBA program, Master

		of Public Affairs (MPA) program, or Business Ph.D. programs.
MGTOP	593	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
MGTOP	596	Course Prerequisite: Admission to PhD programs in business.
MGTOP	597	Course Prerequisite: Admission to PhD programs in business.
MGTOP	598	Course Prerequisite: Admission to PhD programs in business.
MGTOP	600	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
MGTOP	702	Course Prerequisite: Admission to the MBA program.
MGTOP	800	Course Prerequisite: Admission to PhD programs in business.
MIL SCI	301	Course Prerequisite: By instructor permission.
MIL SCI	302	Course Prerequisite: By instructor permission.
MIL SCI	320	Course Prerequisite: MIL SCI 301; MIL SCI 302. By interview only.
MIL SCI	396	Course Prerequisite: Junior standing; by interview only.
MIL SCI	401	Course Prerequisite: By instructor permission.
MIL SCI	402	Course Prerequisite: By instructor permission.
MIS	322	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MIS	325	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MIS	372	Course Prerequisite: MIS 322; certified major in the College of Business, or certified minor in Business Administration.
MIS	374	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MIS	420	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MIS	426	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MIS	441	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MIS	498	Course Prerequisite: By permission of the department.
MIS	499	Course Prerequisite: By permission of the department.
MIS	572	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
MIS	574	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
MIS	575	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
MIS	576	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
MIS	580	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
MIS	582	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
MIS	600	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
MIS	595	Course Prerequisite: Admission to PhD programs in business.
MIS	596	Course Prerequisite: Admission to PhD programs in business.

MIS	597	Course Prerequisite: Admission to PhD programs in business.
MIS	598	Course Prerequisite: Admission to PhD programs in business.
MIS	599	Course Prerequisite: Admission to PhD programs in business.
MIS	800	Course Prerequisite: Admission to PhD programs in business.
MKTG	360	Course Prerequisite: Certified major [any college] with 60 semester hours.
MKTG	368	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MKTG	379	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MKTG	407	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MKTG	450	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MKTG	461	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MKTG	468	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MKTG	470	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MKTG	477	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MKTG	478	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MKTG	480	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MKTG	482	Course Prerequisite: I BUS 380; certified major in the College of Business, or certified minor in Business Administration.
MKTG	487	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MKTG	490	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MKTG	495	Course Prerequisite: MKTG 360; senior standing; certified major in the College of Business, or certified minor in Business Administration.
MKTG	496	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MKTG	498	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MKTG	499	Course Prerequisite: Certified major in the College of Business, or certified minor in Business Administration.
MKTG	505	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
MKTG	506	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
MKTG	507	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.

MKTG	561	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
MKTG	565	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
MKTG	577	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
MKTG	590	Course Prerequisite: Admission to PhD programs in business.
MKTG	591	Course Prerequisite: Admission to PhD programs in business.
MKTG	592	Course Prerequisite: Admission to PhD programs in business.
MKTG	593	Course Prerequisite: Admission to PhD programs in business.
MKTG	600	Course Prerequisite: Admission to the MBA, Master of Accounting, or Business PhD programs.
MKTG	702	Course Prerequisite: Admission to the MBA program.
MKTG	800	Course Prerequisite: Admission to PhD programs in business.
MPS	561	Course Prerequisite: MBIOS 513.
MPS	587	Course Prerequisite: MBIOS 514.
MSE	201	Course Prerequisite: CHEM 106; PHYSICS 201 or concurrent enrollment.
MSE	302	Course Prerequisite: CHEM 105; PHYSICS 202 or concurrent enrollment.
MSE	316	Course Prerequisite: MSE 201.
MSE	320	Course Prerequisite: MSE 201 or concurrent enrollment; certified major in Materials Science Engineering.
MSE	321	Course Prerequisite: MSE 201.
MSE	323	Course Prerequisite: MSE 321 or concurrent enrollment.
MSE	401	Course Prerequisite: MSE 201.
MSE	402	Course Prerequisite: MSE 201.
MSE	403	Course Prerequisite: MSE 201.
MSE	404	Course Prerequisite: MSE 201.
MSE	406	Course Prerequisite: MSE 201.
MSE	413	Course Prerequisite: CE 215; MSE 201.
MSE	425	Course Prerequisite: MSE 320; MSE 323; senior standing; certified major in Materials Science Engineering.
MSE	426	Course Prerequisite: MSE 320; MSE 323; senior standing; certified major in Materials Science Engineering.
MSE	440	Course Prerequisite: Junior standing.
MUS	181	Course Prerequisite: By permission only.
MUS	182	Course Prerequisite: MUS 181.
MUS	203	Course Prerequisite: Concurrent enrollment in MUS 431, 432, 433, 428 or 439.
MUS	251	Course Prerequisite: By examination only. See http://libarts.wsu.edu/music/future-students/theory-exam.htm for placement exam information.
MUS	253	Course Prerequisite: By examination only. See http://libarts.wsu.edu/music/future-students/theory-exam.htm for placement exam information.
MUS	254	Course Prerequisite: MUS 251 with a C or better; MUS 252.
MUS	256	Course Prerequisite: MUS 251 or concurrent enrollment; by interview only.

MUS	281	Course Prerequisite: MUS 182.
MUS	303	Course Prerequisite: Concurrent enrollment in MUS 431; concurrent enrollment in MUS 432.
MUS	305	Course Prerequisite: By permission only.
MUS	319	Course Prerequisite: MUS 253 with a C or better; MUS 254 with a C or better.
MUS	351	Course Prerequisite: MUS 164 with a C or better; MUS 253 with a C or better; MUS 254 with a C or better.
MUS	352	Course Prerequisite: MUS 351 with a C or better; MUS 352 with a C or better.
MUS	353	Course Prerequisite: MUS 351 with a C or better; MUS 352 with a C or better.
MUS	354	Course Prerequisite: MUS 251 with a C or better; MUS 252 with a C or better; ENGLISH 101 with a C or better.
MUS	359	Course Prerequisite: MUS 251 with a C or better; Mus 252 with a C or better; ENGLISH 101 with a C or better.
MUS	360	Course Prerequisite: MUS 251 with a C or better; MUS 252 with a C or better; MUS 359 with a C or better; ENGLISH 101 with a C or better.
MUS	361	Course Prerequisite: MUS 251 with a C or better; MUS 252 with a C or better; MUS 360 with a C or better; ENGLISH 101 with a C or better.
MUS	372	Course Prerequisite: MUS 371.
MUS	388	Course Prerequisite: Certified major in Elementary Education; MUS 153.
MUS	403	Course Prerequisite: Concurrent enrollment in MUS 431; MUS 432.
MUS	428	Course Prerequisite: By audition only. See http://libarts.wsu.edu/music/audition/index.htm for details.
MUS	431	Course Prerequisite: By audition only. See http://libarts.wsu.edu/music/audition/index.htm for details.
MUS	433	Course Prerequisite: By audition only. See http://libarts.wsu.edu/music/audition/index.htm for details.
MUS	434	Course Prerequisite: By audition only. See http://libarts.wsu.edu/music/audition/index.htm for details.
MUS	435	Course Prerequisite: By audition only. See http://libarts.wsu.edu/music/audition/index.htm for details.
MUS	436	Course Prerequisite: See http://libarts.wsu.edu/music/audition/index.htm for details.
MUS	437	Course Prerequisite: By audition only. See http://libarts.wsu.edu/music/audition/index.htm for details.
MUS	438	Course Prerequisite: By audition only. See http://libarts.wsu.edu/music/audition/index.htm for details.
MUS	439	Course Prerequisite: By audition only. See http://libarts.wsu.edu/music/audition/index.htm for details.
MUS	440	Course Prerequisite: By audition only. See http://libarts.wsu.edu/music/audition/index.htm for details.
MUS	444	Course Prerequisite: See http://marchingband.wsu.edu for details.
MUS	451	Course Prerequisite: MUS 351 or concurrent enrollment.
MUS	452	Course Prerequisite: MUS 353 or concurrent enrollment.

MUS	455	Course Prerequisite: MUS 351 or concurrent enrollment.
MUS	456	Course Prerequisite: MUS 351. By Interview Only.
MUS	457	Course Prerequisite: MUS 257.
MUS	458	Course Prerequisite: MUS 258.
MUS	459	Course Prerequisite: MUS 457.
MUS	480	Course Prerequisite: Certified major in Music.
MUS	489	Course Prerequisite: MUS 488.
MUS	490	Course Prerequisite: MUS 491.
MUS	494	Course Prerequisite: MUS 493.
MUS	497	Course Prerequisite: By permission only.
MUS	498	Course Prerequisite: MUS 202, 302, or 402.
MUS	503	Course Prerequisite: Concurrent enrollment in MUS 431, 432, 433, 428 or 439.
MUS	519	Course Prerequisite: By permission only.
MUS	528	Course Prerequisite: By audition only. See http://libarts.wsu.edu/music/audition/index.htm for details.
MUS	531	Course Prerequisite: By audition only. See http://libarts.wsu.edu/music/audition/index.htm for details.
MUS	533	Course Prerequisite: By audition only. See http://libarts.wsu.edu/music/audition/index.htm for details.
MUS	534	Course Prerequisite: By audition only. See http://libarts.wsu.edu/music/audition/index.htm for details.
MUS	535	Course Prerequisite: By audition only. See http://libarts.wsu.edu/music/audition/index.htm for details.
MUS	538	Course Prerequisite: By audition only. See http://libarts.wsu.edu/music/audition/index.htm for details.
MUS	539	Course Prerequisite: By audition only. See http://libarts.wsu.edu/music/audition/index.htm for details.
MUS	540	Course Prerequisite: By audition only. See http://libarts.wsu.edu/music/audition/index.htm for details.
MUS	586	Course Prerequisite: MUS 502.
MUS	589	Course Prerequisite: MUS 588.
MUS	596	Course Prerequisite: By permission only.
MVTST	313	Course Prerequisite: Certified major in Movement Studies or Athletic Training; PSYCH 105 or SOC 101.
MVTST	314	Course Prerequisite: Certified major in Movement Studies.
MVTST	362	Course Prerequisite: Certified major in Movement Studies, Athletic Training, or Health and Fitness; junior standing; MVTST 262 or BIOLOGY 315; MATH GER.
MVTST	380	Course Prerequisite: Certified major in Movement Studies, Athletic Training, Biology, or Health and Fitness; BIOLOGY 251; junior standing.
MVTST	392	Course Prerequisite: By interview only.

MVTST	415	Course Prerequisite: Certified major in Movement Studies, Athletic Training, or Health and Fitness; MATH GER, senior standing.
MVTST	461	Course Prerequisite: Certified major in Movement Studies, Athletic Training, or Health and Fitness; BIOLOGY 251; senior standing; completion of writing portfolio.
MVTST	481	Course Prerequisite: Certified major in Movement Studies or Athletic Training; MVTST 362; senior standing.
N S	299	Course Prerequisite: By interview only.
N S	302	Course Prerequisite: N S 301.
N S	420	Course Prerequisite: By interview only.
N S	421	Course Prerequisite: By interview only.
N S	422	Course Prerequisite: By interview only.
N S	499	Course Prerequisite: By interview only.
NATRS	204	Course Prerequisite: MATH 107, MATH 106, MATH 108, MATH 140, MATH 171, or MATH 202. Concurrent enrollment in MATH 108 allowed if MATH 106 is complete.
NATRS	280	Course Prerequisite: BIOLOGY 106; BIOLOGY 107; NATRS 204 or concurrent enrollment.
NATRS	301	Course Prerequisite: NATRS 300 or concurrent enrollment.
NATRS	302	Course Prerequisite: NATRS 301.
NATRS	320	Course Prerequisite: NATRS 204.
NATRS	321	Course Prerequisite: BIOLOGY 107.
NATRS	421	Course Prerequisite: MBIOS 101.
NATRS	424	Course Prerequisite: NATRS 421.
NATRS	430	Course Prerequisite: NATRS 301.
NATRS	432	Course Prerequisite: NATRS 320.
NATRS	435	Course Prerequisite: BIOLOGY 372 or NATRS 300; STAT 212 or 412; junior standing.
NATRS	436	Course Prerequisite: NATRS 435.
NATRS	438	Course Prerequisite: Junior standing. Recommended preparation: NATRS 312.
NATRS	441	Course Prerequisite: BIOLOGY 372 or NATRS 300; STAT 212 or 412.
NATRS	450	Course Prerequisite: Junior standing.
NATRS	454	Course Prerequisite: Senior standing.
NATRS	455	Course Prerequisite: BIOLOGY 107.
NATRS	464	Course Prerequisite: Junior standing.
NATRS	488	Course Prerequisite: Certified major in Natural Resource Sciences; senior standing.
NEP	300	Course Prerequisite: Certified major in Nutrition and Exercise Physiology.
NEP	320	Course Prerequisite: Certified major in Nutrition and Exercise Physiology.
NEP	340	Course Prerequisite: Certified major in Nutrition and Exercise Physiology.
NEP	362	Course Prerequisite: Certified major in Nutrition and Exercise Physiology.
NEP	400	Course Prerequisite: Certified major in Nutrition and Exercise Physiology.
NEP	401	Course Prerequisite: Certified major in Nutrition and Exercise Physiology.

NEP	402	Course Prerequisite: Certified major in Nutrition and Exercise Physiology.
NEP	427	Course Prerequisite: Certified major in Nutrition and Exercise Physiology.
NEP	435	Course Prerequisite: NEP 400; NEP 402 or concurrent enrollment; NEP 463.
NEP	437	Course Prerequisite: Certified major in Nutrition and Exercise Physiology.
NEP	440	Course Prerequisite: Certified major in Nutrition and Exercise Physiology.
NEP	450	Course Prerequisite: Certified major in Nutrition and Exercise Physiology.
NEP	451	Course Prerequisite: Certified major in Nutrition and Exercise Physiology.
NEP	458	Course Prerequisite: Certified major in Nutrition and Exercise Physiology.
NEP	463	Course Prerequisite: Certified major in Nutrition and Exercise Physiology.
NEP	465	Course Prerequisite: Certified major in Nutrition and Exercise Physiology.
NEP	470	Course Prerequisite: Certified major in Nutrition and Exercise Physiology.
NEP	473	Course Prerequisite: Certified major in Nutrition and Exercise Physiology.
NEP	476	Course Prerequisite: Certified major in Nutrition and Exercise Physiology.
NEP	478	Course Prerequisite: Certified major in Nutrition and Exercise Physiology.
NEP	479	Course Prerequisite: Certified major in Nutrition and Exercise Physiology.
NEP	480	Course Prerequisite: Certified major in Nutrition and Exercise Physiology.
NEP	490	Course Prerequisite: Certified major in Nutrition and Exercise Physiology.
NEUROSCI	301	Course Prerequisite: CHEM 106; BIOLOGY 107; PHYSICS 101, 201, or 205.
NEUROSCI	302	Course Prerequisite: CHEM 106; BIOLOGY 107; PHYSICS 101 with a B or better, PHYSICS 201 with a B or better, or PHYSICS 205 with a B or better.
NEUROSCI	403	Course Prerequisite: NEUROSCI 301 or 302; MBIOS 303; certified Neuroscience major or minor.
NEUROSCI	404	Course Prerequisite: NEUROSCI 301 or 302.
NEUROSCI	409	Course Prerequisite: ANIM SCI 440, BIOLOGY 353, NEUROSCI 301, NEUROSCI 302, or PSYCH 372.
NEUROSCI	425	Course Prerequisite: NEUROSCI 301, NEUROSCI 302, PSYCH 372, MBIOS 301, or MBIOS 303.
NEUROSCI	430	Course Prerequisite: BIOLOGY 107; NEUROSCI 301 or 302; PHYSICS 102, 202 or 206. Recommended preparation: MBIOS 303.
NEUROSCI	450	Course Prerequisite: Certified major in Neuroscience; admitted to Honors College.
NEUROSCI	461	Course Prerequisite: PHYSICS 101. Recommended preparation: CHEM 345.
NEUROSCI	490	Course Prerequisite: Senior standing; certified Neuroscience major.
NEUROSCI	495	Course Prerequisite: Certified major or minor in Neuroscience.
NEUROSCI	499	Course Prerequisite: Certified major or minor in Neuroscience.
NEUROSCI	521	Course Prerequisite: VET MED 510.
NEUROSCI	526	Course Prerequisite: Veterinary medicine student.
NEZ PERC	102	Course Prerequisite: NEZ PERC 101 with a grade of C or better.
NEZ PERC	203	Course Prerequisite: NEZ PERC 102 with a grade of C or better.
NEZ PERC	204	Course Prerequisite: NEZ PERC 203 with a grade of C or better.

NURS	308	Course Prerequisite: Admission to the Nursing Program.
NURS	309	Course Prerequisite: NURS 308; concurrent enrollment in NURS 315.
NURS	311	Course Prerequisite: Admission to the Nursing Program.
NURS	315	Course Prerequisite: NURS 308; NURS 311; NURS 315; NURS 316; NURS 317 or concurrent enrollment.
NURS	316	Course Prerequisite: NURS 308; NURS 311; NURS 317 or concurrent enrollment.
NURS	317	Course Prerequisite: NURS 308; NURS 311; NURS 316 or concurrent enrollment.
NURS	318	Course Prerequisite: Admission to the Nursing Program.
NURS	322	Course Prerequisite: Admission to the Nursing Program.
NURS	324	Course Prerequisite: NURS 311; NURS 315; NURS 316; NURS 317.
NURS	325	Course Prerequisite: NURS 311; NURS 315; NURS 316; NURS 317; concurrent enrollment in NURS 324.
NURS	328	Course Prerequisite: NURS 318.
NURS	365	Course Prerequisite: Admission to Nursing program.
NURS	366	Course Prerequisite: Admission to Nursing program.
NURS	392	Course Prerequisite: Certified major in Nursing; NURS 308; NURS 311; NURS 315; NURS 316; NURS 317; NURS 328.
NURS	400	Course Prerequisite: Admission to Nursing program.
NURS	405	Course Prerequisite: Admission to Nursing program.
NURS	406	Course Prerequisite: Admission to Nursing program.
NURS	408	Course Prerequisite: NURS 309.
NURS	409	Course Prerequisite: NURS 408; NURS 414; NURS 415; NURS 416; NURS 417.
NURS	414	Course Prerequisite: NURS 324; NURS 325; concurrent with NURS 318; and NURS 328.
NURS	415	Course Prerequisite: NURS 324; NURS 325; concurrent enrollment in NURS 318; NURS 328; NURS 414.
NURS	416	Course Prerequisite: NURS 324; NURS 325; concurrent enrollment in NURS 318; NURS 328.
NURS	417	Course Prerequisite: NURS 324; NURS 325; concurrent enrollment in NURS 318; NURS 328; NURS 415; NURS 416.
NURS	424	Course Prerequisite: NURS 414; NURS 415; NURS 416; NURS 417.
NURS	425	Course Prerequisite: NURS 414; NURS 415; NURS 416; NURS 417; concurrent enrollment in NURS 424.
NURS	426	Course Prerequisite: NURS 414; NURS 415; NURS 416; NURS 417.
NURS	427	Course Prerequisite: NURS 414; NURS 415; NURS 416; NURS 417; concurrent enrollment in NURS 426.
NURS	430	Course Prerequisite: NURS 409; NURS 424; NURS 425; NURS 426; NURS 427.
NURS	440	Course Prerequisite: Admission to Nursing program.
NURS	462	Course Prerequisite: Admission to Nursing program.
NURS	465	Course Prerequisite: NURS 462, 440 or concurrent enrollment.
NURS	476	Course Prerequisite: Junior standing.

NURS	478	Course Prerequisite: Junior standing.
NURS	479	Course Prerequisite: Certified major in Nursing.
NURS	481	Course Prerequisite: NURS 315.
NURS	491	Course Prerequisite: NURS 311; NURS 324; NURS 325.
NURS	492	Course Prerequisite: Certified major in Nursing; junior standing.
NURS	495	Course Prerequisite: Admission to Nursing program.
NURS	503	Course prerequisite: Graduate standing in Nursing.
NURS	504	Course prerequisite: NURS 503 or concurrent enrollment.
NURS	505	Course prerequisite: NURS 539; NURS 565; NURS 576.
NURS	506	Course prerequisite: NURS 505; NURS 539; NURS 565; NURS 576.
NURS	511	Course prerequisite: Graduate standing in Nursing.
NURS	512	Course prerequisite: NURS 511; graduate standing in Nursing.
NURS	518	Course prerequisite: Graduate standing in Nursing.
NURS	519	Course prerequisite: By instructor permission. Required preparation: Basic computer skills.
NURS	520	Course prerequisite: By instructor permission.
NURS	527	Course Prerequisite: NURS 526. Required preparation: Graduate-level statistics course.
NURS	528	Course Prerequisite: NURS 527.
NURS	535	Course prerequisite: Graduate standing in nursing; NURS 534 or concurrent enrollment.
NURS	536	Course prerequisite: Graduate standing in Nursing.
NURS	539	Course prerequisite: Graduate standing in Nursing.
NURS	541	Course prerequisite: Graduate standing in PMHNP Track; NURS 562 or concurrent enrollment; NURS 581.
NURS	543	Course prerequisite: NURS 541; NURS 581.
NURS	546	Course prerequisite: Graduate standing in Nursing; concurrent enrollment in NURS 525; NURS 541; NURS 543; NURS 562; NURS 581.
NURS	548	Course prerequisite: Graduate standing in Nursing; NURS 546; by interview only.
NURS	553	Course prerequisite: Graduate standing in DNP.
NURS	556	Course prerequisite: Graduate standing in Nursing; by instructor permission.
NURS	561	Course prerequisite: Graduate standing in Nursing.
NURS	562	Course prerequisite: Graduate standing in Nursing.
NURS	563	Course prerequisite: Graduate standing in Nursing.
NURS	567	Course prerequisite: Admission to FNP program; NURS 562; NURS 563; NURS 581.
NURS	568	Course prerequisite: Admission to FNP program; NURS 562; NURS 563; NURS 581.
NURS	569	Course prerequisite: Admission to FNP program; NURS 562; NURS 563; NURS 581.
NURS	570	Course prerequisite: NURS 581; NURS 562; NURS 563; concurrent enrollment in Nurs 567, 468, or 569.
NURS	572	Course prerequisite: NURS 536.
NURS	574	Course prerequisite: NURS 536.

NURS	575	Course prerequisite: Admission to FNP program.
NURS	578	Course Prerequisite: Graduate standing in Nursing.
NURS	580	Course prerequisite: NURS 539; concurrent enrollment in NURS 576.
NURS	584	Course prerequisite: NURS 536.
NURS	585	Course prerequisite: Graduate standing in Nursing.
NURS	586	Course prerequisite: Graduate standing in Nursing.
NURS	589	Course prerequisite: NURS 588; 6 units in a graduate-level STAT course.
NURS	590	Course prerequisite: NURS 588; NURS 589.
NURS	592	Course prerequisite: NURS 587.
NURS	593	Course prerequisite: Admission to PhD in Nursing program; completion of 30 core credits (NURS 527, 528, 534, 535, 536, 565, 572, 574, 588, 598, 589, 591, 799).
NURS	595	Course prerequisite: Admission to FNP program; NURS 562; NURS 563; NURS 581; one of NURS 567, 568, or 569.
NURS	597	Course Prerequisite: Graduate student in Nursing; instructor permission.
NURS	598	Course Prerequisite: Graduate student in Nursing; instructor permission.
NURS	599	Course Prerequisite: Graduate student in Nursing; instructor permission.
NURS	700	Course Prerequisite: Graduate student in Nursing; instructor permission.
NURS	702	Course Prerequisite: Graduate student in Nursing; instructor permission.
NURS	799	Course prerequisite: Graduate standing in Nursing.
NURS	800	Course Prerequisite: Graduate student in Nursing; instructor permission.
P R	312	Course Prerequisite: Certified major in Communication.
P R	313	Course Prerequisite: JOUR 305; P R 312.
P R	412	Course Prerequisite: Com 409, P R 312, JOUR 305 or P R 313.
P R	475	Course Prerequisite: Certified major in Communication.
P R	495	Course Prerequisite: P R 313; by application only.
P R	499	Course Prerequisite: Certified major in Communication; by interview only.
PHARDSCI	502	Course Prerequisite: Admission to Pharmacy program.
PHARDSCI	503	Course Prerequisite: Admission to Pharmacy program.
PHARDSCI	504	Course Prerequisite: Admission to Pharmacy program.
PHARDSCI	508	Course Prerequisite: Admission to Pharmacy program.
PHARDSCI	512	Course Prerequisite: PHARDSCI 502.
PHARDSCI	515	Course Prerequisite: Admission to Pharmacy program.
PHARDSCI	518	Course Prerequisite: PHARDSCI 508.
PHARDSCI	519	Course Prerequisite: PHARDSCI 504; PHARDSCI 508.
PHARDSCI	528	Course Prerequisite: PHARDSCI 518.
PHARDSCI	532	Course Prerequisite: PHARDSCI 512.
PHARDSCI	542	Course Prerequisite: PHARDSCI 532.
PHARMACY	399	Course Prerequisite: Admission to Pharmacy program; permission of instructor.

PHARMACY	501	Course Prerequisite: Admission to Pharmacy program.
PHARMACY	505	Course Prerequisite: Admission to Pharmacy program.
PHARMACY	507	Course Prerequisite: Admission to Pharmacy program.
PHARMACY	509	Course Prerequisite: Admission to Pharmacy program.
PHARMACY	513	Course Prerequisite: PHARMACY 501; PHARMACY 505; PHARMACY 507; PHARMACY 509; PHARDSCI 502; PHARDSCI 503; PHARDSCI 504; PHARDSCI 508.
PHARMACY	514	Course Prerequisite: PHARMACY 502; PHARMACY 505.
PHARMACY	516	Course Prerequisite: Admission to Pharmacy program.
PHARMACY	527	Course Prerequisite: Admission to Pharmacy program.
PHARMACY	531	Course Prerequisite: PHARMACY 501.
PHARMACY	533	Course Prerequisite: PHARMACY 513; PHARMACY 514; PHARMACY 516; PHARDSCI 512; PHARDSCI 518; PHARDSCI 519.
PHARMACY	534	Course Prerequisite: PHARMACY 514; PHARDSCI 512; concurrent enrollment in PHARDSCI 532.
PHARMACY	541	Course Prerequisite: PHARMACY 531.
PHARMACY	543	Course Prerequisite: PHARMACY 527; PHARMACY 531; PHARMACY 533; PHARMACY 534; PHARDSCI 528; PHARDSCI 532.
PHARMACY	544	Course Prerequisite: PHARMACY 534; concurrent enrollment in PHARMACY 542.
PHARMACY	545	Course Prerequisite: Admission to Pharmacy program.
PHARMACY	546	Course Prerequisite: PHARMACY 516; PHARMACY 527; concurrent enrollment in PHARMACY 545.
PHARMACY	551	Course Prerequisite: PHARMACY 541.
PHARMACY	553	Course Prerequisite: PHARMACY 541; PHARMACY 543; PHARMACY 544; PHARMACY 545; PHARMACY 546; PHARDSCI 542.
PHARMACY	554	Course Prerequisite: PHARMACY 544.
PHARMACY	555	Course Prerequisite: PHARMACY 527.
PHARMACY	557	Course Prerequisite: PHARMACY 544.
PHARMACY	558	Course Prerequisite: PHARDSCI 528.
PHARMACY	559	Course Prerequisite: Admission to Pharmacy program.
PHARMACY	561	Course Prerequisite: PHARMACY 551.
PHARMACY	563	Course Prerequisite: PHARMACY 551; PHARMACY 553; PHARMACY 554; PHARMACY 555; PHARMACY 557; PHARMACY 558; PHARMACY 559.
PHARMACY	564	Course Prerequisite: Admission to Pharmacy program.
PHARMACY	565	Course Prerequisite: PHARDSCI 519; PHARMACY 554; PHARMACY 557.
PHARMACY	566	Course Prerequisite: PHARMACY 557.
PHARMACY	567	Course Prerequisite: PHARMACY 541; PHARMACY 543; PHARMACY 544; PHARMACY 545; PHARMACY 546; PHARDSCI 542.
PHARMACY	568	Course Prerequisite: PHARMACY 554.
PHARMACY	569	Course Prerequisite: PHARMACY 509.
PHARMACY	581	Course Prerequisite: PHARMACY 561; PHARMACY 563; PHARMACY 564; PHARMACY 565;

		PHARMACY 566; PHARMACY 567; PHARMACY 568; PHARMACY 569.
PHARMACY	582	Course Prerequisite: PHARMACY 561; PHARMACY 563; PHARMACY 564; PHARMACY 565; PHARMACY 566; PHARMACY 567; PHARMACY 568; PHARMACY 569.
PHARMACY	583	Course Prerequisite: PHARMACY 561; PHARMACY 563; PHARMACY 564; PHARMACY 565; PHARMACY 566; PHARMACY 567; PHARMACY 568; PHARMACY 569.
PHARMACY	584	Course Prerequisite: PHARMACY 561; PHARMACY 563; PHARMACY 564; PHARMACY 565; PHARMACY 566; PHARMACY 567; PHARMACY 568; PHARMACY 569.
PHARMACY	585	Course Prerequisite: PHARMACY 561; PHARMACY 563; PHARMACY 564; PHARMACY 565; PHARMACY 566; PHARMACY 567; PHARMACY 568; PHARMACY 569.
PHARMACY	586	Course Prerequisite: PHARMACY 561; PHARMACY 563; PHARMACY 564; PHARMACY 565; PHARMACY 566; PHARMACY 567; PHARMACY 568; PHARMACY 569.
PHARMACY	587	Course Prerequisite: PHARMACY 561; PHARMACY 563; PHARMACY 564; PHARMACY 565; PHARMACY 566; PHARMACY 567; PHARMACY 568; PHARMACY 569.
PHARMACY	589	Course Prerequisite: PHARMACY 541; PHARMACY 543; PHARMACY 544; PHARMACY 545; PHARMACY 546; PHARDSCI 542.
PHARMACY	590	Course Prerequisite: PHARMACY 544.
PHARMACY	592	Course Prerequisite: PHARMACY 541; PHARMACY 543; PHARMACY 544; PHARMACY 545; PHARMACY 546; PHARDSCI 542.
PHARMACY	593	Course Prerequisite: PHARMACY 544.
PHARMACY	594	Course Prerequisite: PHARMACY 501; PHARMACY 505; PHARMACY 507; PHARMACY 509; PHARDSCI 502; PHARDSCI 503; PHARDSCI 504; PHARDSCI 508.
PHARMACY	595	Course Prerequisite: PHARMACY 544.
PHARMACY	596	Course Prerequisite: PHARMACY 541; PHARMACY 543; PHARMACY 544; PHARMACY 545; PHARMACY 546; PHARDSCI 542.
PHARMACY	597	Course Prerequisite: Admission to Pharmacy program.
PHARMACY	598	Course Prerequisite: PHARMACY 541; PHARMACY 543; PHARMACY 544; PHARMACY 545; PHARMACY 546; PHARDSCI 542.
PHARMSCI	505	Course Prerequisite: MBIOS 513. Required preparation: 300-level organ/mammalian physiology course.
PHARMSCI	506	Course Prerequisite: MBIOS 513 or concurrent enrollment.
PHARMSCI	507	Course Prerequisite: PHARMSCI 506. Required preparation: 300-level organ/mammalian physiology course.
PHARMSCI	510	Course Prerequisite: PHARMSCI 506.
PHARMSCI	511	Course Prerequisite: By interview only.
PHARMSCI	512	Course Prerequisite: By interview only.
PHARMSCI	572	Course Prerequisite: By permission only.
PHIL	320	Course Prerequisite: 3 hours PHIL.
PHIL	321	Course Prerequisite: 3 hours PHIL.
PHIL	322	Course Prerequisite: 3 hours PHIL.
PHIL	406	Course Prerequisite: 3 hours in PHIL or CES 201.
PHIL	413	Course Prerequisite: 3 hours PHIL; 3 hours [B] or [P] GER.

PHIL	421	Course Prerequisite: 3 hours PHIL.
PHIL	425	Course Prerequisite: 3 hours PHIL or WOMEN ST 200.
PHIL	431	Course Prerequisite: 3 hours PHIL; junior standing.
PHIL	435	Course Prerequisite: Junior standing.
PHIL	442	Course Prerequisite: 3 hours PHIL.
PHIL	443	Course Prerequisite: 3 hours PHIL.
PHIL	446	Course Prerequisite: 3 hours PHIL.
PHIL	447	Course Prerequisite: 3 hours PHIL.
PHIL	451	Course Prerequisite: 3 hours PHIL; 3 hours BIOLOGY.
PHIL	460	Course Prerequisite: 3 hours PHIL.
PHIL	462	Course Prerequisite: PHIL 101 or WOMEN ST 200.
PHIL	470	Course Prerequisite: 3 hours PHIL or POL S
PHIL	472	Course Prerequisite: 3 hours PHIL or POL S.
PHYSICS	101	Course Prerequisite: MATH 107 with a C or better or MATH 108 with a C or better, ALEKS math placement score 60% or higher, or passing MATH 140, 171, 202, or 206.
PHYSICS	102	Course Prerequisite: PHYSICS 101 with a C or better; MATH 107 with a C or better or MATH 108 with a C or better, ALEKS math placement score 60% or higher, or passing MATH 140, 171, 202, or 206.
PHYSICS	103	Course Prerequisite: Concurrent enrollment in PHYSICS 101.
PHYSICS	104	Course Prerequisite: Concurrent enrollment in PHYSICS 102.
PHYSICS	201	Course Prerequisite: MATH 171 with a C or better.
PHYSICS	202	Course Prerequisite: PHYSICS 201 with a C or better, or PHYSICS 205 with a C or better; MATH 172 with a C or better, or MATH 182 with a C or better.
PHYSICS	203	Course Prerequisite: Concurrent enrollment in PHYSICS 201.
PHYSICS	204	Course Prerequisite: Concurrent enrollment in PHYSICS 202.
PHYSICS	205	Course Prerequisite: MATH 171 with a C or better.
PHYSICS	206	Course Prerequisite: PHYSICS 201 with a C or better, or PHYSICS 205 with a C or better; MATH 172 with a C or better, or MATH 182 with a C or better.
PHYSICS	303	Course Prerequisite: MATH 220 or concurrent enrollment or MATH 230 or concurrent enrollment; PHYSICS 202 or 206.
PHYSICS	304	Course Prerequisite: PHYSICS 303.
PHYSICS	320	Course Prerequisite: MATH 315 or concurrent enrollment; MATH 220 or concurrent enrollment, or MATH 230 or concurrent enrollment; PHYSICS 202 or 206.
PHYSICS	330	Course Prerequisite: MATH 273 or 283; PHYSICS 202 or 206.
PHYSICS	341	Course Prerequisite: MATH 315 or concurrent enrollment; PHYSICS 202 or 206.
PHYSICS	342	Course Prerequisite: PHYSICS 341.
PHYSICS	410	Course Prerequisite: PHYSICS 202 or 206.
PHYSICS	415	Course Prerequisite: PHYSICS 304.
PHYSICS	443	Course Prerequisite: PHYSICS 341 or concurrent enrollment.

PHYSICS	450	Course Prerequisite: MATH 315; PHYSICS 303.
PHYSICS	461	Course Prerequisite: PHYSICS 304.
PHYSICS	463	Course Prerequisite: PHYSICS 304.
PHYSICS	465	Course Prerequisite: PHYSICS 304.
PHYSICS	466	Course Prerequisite: CHEM 106 or 116; MATH 172 or 182; PHYSICS 202 or 206.
PL P	300	Course Prerequisite: BIOLOGY 120, HORT 310, or HORT 313.
PL P	403	Course Prerequisite: HORT 202. Recommended preparation: CROP SCI 305; PL P 429.
PL P	511	Course Prerequisite: MBIOS 503 or 504.
PL P	526	Course Prerequisite: PL P 521.
POL S	428	Course Prerequisite: POL S 101 or PSYCH 105; junior standing.
POL S	430	Course Prerequisite: Junior standing.
POL S	474	Course Prerequisite: Junior standing.
POL S	498	Course Prerequisite: By interview only.
PSYCH	311	Course Prerequisite: MATH 105, 106, 108, 140, 171, 172, 202, 205, 212, or 252, with a grade of C- or better. Recommended preparation: PSYCH 105.
PSYCH	312	Course Prerequisite: PSYCH 311 with a grade of C- or better. Recommended preparation: PSYCH 105.
PSYCH	342	Course Prerequisite: PSYCH 333. Recommended preparation: PSYCH 105.
PSYCH	401	Course Prerequisite: Junior standing; certified psychology major. Recommended preparation: PSYCH 105.
PSYCH	412	Course Prerequisite: PSYCH 311. Recommended preparation: PSYCH 105.
PSYCH	440	Course Prerequisite: PSYCH 333. Recommended preparation: PSYCH 105.
PSYCH	442	Course Prerequisite: PSYCH 342. Recommended preparation: PSYCH 110.
PSYCH	444	Course Prerequisite: 6 hours PSYCH. Recommended preparation: PSYCH 105.
PSYCH	445	Course Prerequisite: 6 hours PSYCH; junior standing. Recommended preparation: PSYCH 105; PSYCH 333; PSYCH 444.
PSYCH	464	Course Prerequisite: PSYCH 361, HD 101, or HD 340. Recommended preparation: PSYCH 105; PSYCH 333.
PSYCH	468	Course Prerequisite: junior standing. Recommended preparation: SOC 101, PSYCH 105, or CRM J 101.
PSYCH	473	Course Prerequisite: PSYCH 372 or NEUROSCI 301. Recommended preparation: PSYCH 105.
PSYCH	495	Course Prerequisite: MGTOP 450 or PSYCH 306. Recommended preparation: PSYCH 105.
PSYCH	496	Course Prerequisite: PSYCH 445 or PSYCH 495. Recommended preparation: PSYCH 105.
PSYCH	497	Course Prerequisite: by permission only.
PSYCH	498	Course Prerequisite: by permission only.
PSYCH	499	Course Prerequisite: by permission only.
PSYCH	513	Course Prerequisite: PSYCH 512.
PSYCH	514	Course Prerequisite: PSYCH 512.
PSYCH	515	Course Prerequisite: PSYCH 512.

PSYCH	516	Course Prerequisite: PSYCH 514; PSYCH 515.
PSYCH	520	Course Prerequisite: PSYCH 533.
PSYCH	533	Course Prerequisite: By interview only.
PSYCH	534	Course Prerequisite: PSYCH 533.
PSYCH	536	Course Prerequisite: By interview only.
PSYCH	537	Course Prerequisite: PSYCH 539.
PSYCH	538	Course Prerequisite: By interview only.
PSYCH	539	Course Prerequisite: By interview only.
PSYCH	545	Course Prerequisite: By interview only.
PSYCH	546	Course Prerequisite: PSYCH 545 or concurrent enrollment; by interview only.
PSYCH	547	Course Prerequisite: By interview only.
PSYCH	548	Course Prerequisite: By interview only.
PSYCH	595	Course Prerequisite: Passing of preliminary exams and completion of course work for PhD; by permission only.
RUSSIAN	105	Course Prerequisite: RUSSIAN 101 or concurrent enrollment, or RUSSIAN 102 or concurrent enrollment.
RUSSIAN	205	Course Prerequisite: RUSSIAN 203 or concurrent enrollment, or RUSSIAN 204 or concurrent enrollment.
RUSSIAN	305	Course Prerequisite: RUSSIAN 204, or a 300-level RUSSIAN course or concurrent enrollment.
RUSSIAN	361	Course Prerequisite: RUSSIAN 204 with a grade of C or better.
RUSSIAN	410	Course Prerequisite: Junior standing.
RUSSIAN	430	Course Prerequisite: Junior standing.
SCIENCE	102	Course Prerequisite: SCIENCE 101.
SCIENCE	298	Course Prerequisite: Honors College student. Recommended preparation: For non-science majors.
SCIENCE	299	Course Prerequisite: Honors College student; SCIENCE 298. Recommended preparation: For non-science majors.
SCIENCE	430	Course Prerequisite: Junior standing.
SHS	202	Course Prerequisite: SHS 201.
SHS	376	Course Prerequisite: SHS 375.
SHS	451	Course Prerequisite: SHS 479.
SHS	472	Course Prerequisite: SHS 372.
SHS	478	Course Prerequisite: SHS 371.
SHS	482	Course Prerequisite: SHS 376 or concurrent enrollment; SHS 478.
SHS	566	Course Prerequisite: SHS 575.
SHS	568	Course Prerequisite: SHS 575.
SHS	570	Course Prerequisite: SHS 566 or SHS 568; SHS 575.
SHS	575	Course Prerequisite: By interview only.
SOC	300	Course Prerequisite: 3 hours of either CES or WOMEN ST, or SOC 101.

SOC	375	Course Prerequisite: ECONS 101.
SOC	415	Course Prerequisite: Junior standing. Recommended preparation: SOC 101.
SOC	430	Course Prerequisite: Junior standing. Recommended preparation: SOC 101.
SOC	433	Course Prerequisite: Junior standing. Recommended preparation: SOC 101.
SOC	461	Course Prerequisite: Junior standing. Recommended preparation: SOC 101.
SOC	468	Course Prerequisite: junior standing. Recommended preparation: SOC 101, PSYCH 105, or CRM J 101.
SOC	474	Course Prerequisite: Junior standing. Recommended preparation: SOC 101.
SOC	493	Course Prerequisite: By permission only.
SOC	495	Course Prerequisite: SOC 310 or concurrent enrollment; certified major in Sociology.
SOC	496	Course Prerequisite: SOC 310 or concurrent enrollment; certified major in Sociology.
SOC	497	Course Prerequisite: SOC 317 or concurrent enrollment; certified major in Sociology.
SOC	498	Course Prerequisite: By permission only.
SOIL SCI	360	Course Prerequisite: 6 units in the [B] or [P] GER categories.
SOIL SCI	368	Course Prerequisite: 3 units in the GER category Sciences.
SOIL SCI	374	Course Prerequisite: 3 units in the GER category Sciences.
SOIL SCI	415	Course Prerequisite: SOIL SCI 414 or concurrent enrollment.
SOIL SCI	441	Course Prerequisite: SOIL SCI 201.
SOIL SCI	442	Course Prerequisite: SOIL SCI 441 or concurrent enrollment. Recommended preparation: CHEM 220.
SOIL SCI	454	Course Prerequisite: SOIL SCI 201.
SOIL SCI	468	Course Prerequisite: SOIL SCI 368.
SOIL SCI	480	Course Prerequisite: By permission only.
SOIL SCI	503	Course Prerequisite: By permission only.
SOIL SCI	515	Course Prerequisite: SOIL SCI 514 or concurrent enrollment.
SPANISH	105	Course Prerequisite: SPANISH 101 or concurrent enrollment, or SPANISH 102 or concurrent enrollment.
SPANISH	205	Course Prerequisite: SPANISH 203 or concurrent enrollment, or SPANISH 204 or concurrent enrollment.
SPANISH	305	Course Prerequisite: SPANISH 204 or a 300-level SPANISH course or concurrent enrollment.
SPANISH	310	Course Prerequisite: SPANISH 306, SPANISH 307, or SPANISH 308.
SPANISH	311	Course Prerequisite: SPANISH 306, SPANISH 307, or SPANISH 308.
SPANISH	320	Course Prerequisite: SPANISH 306, SPANISH 307, or SPANISH 308.
SPANISH	321	Course Prerequisite: SPANISH 306, SPANISH 307, or SPANISH 308.
SPANISH	350	Course Prerequisite: SPANISH 306, SPANISH 307, or SPANISH 308.
SPANISH	351	Course Prerequisite: SPANISH 306, SPANISH 307, or SPANISH 308.
SPANISH	361	Course Prerequisite: SPANISH 204 with a grade of C or better.
SPANISH	362	Course Prerequisite: SPANISH 204 with a grade of C or better.

SPANISH	363	Course Prerequisite: SPANISH 204 with a grade of C or better.
SPANISH	364	Course Prerequisite: SPANISH 204 with a grade of C or better.
SPANISH	365	Course Prerequisite: SPANISH 204 with a grade of C or better.
SPANISH	405	Course Prerequisite: SPANISH 408 or SPANISH 407 or concurrent enrollment.
SPANISH	407	Course Prerequisite: SPANISH 307 with a grade of C or better.
SPANISH	408	Course Prerequisite: SPANISH 308 with a grade of C or better.
SPANISH	420	Course Prerequisite: Junior standing.
SPANISH	430	Course Prerequisite: Junior standing.
SPANISH	450	Course Prerequisite: Two SPANISH 300-level courses excluding SPANISH 305.
SPANISH	451	Course Prerequisite: Two SPANISH 300-level courses excluding SPANISH 305.
SPANISH	452	Course Prerequisite: Two SPANISH 300-level courses excluding SPANISH 305.
SPANISH	453	Course Prerequisite: Two SPANISH 300-level courses excluding SPANISH 305.
SPANISH	597	Course Prerequisite: SPANISH 560; FOR LANG 540; minimum gpa of 3.50.
SPEC ED	401	Course Prerequisite: SPEC ED 301 or 420.
SPEC ED	402	Course Prerequisite: SPEC ED 301; SPEC ED 404; concurrent enrollment in 2 units of SPEC ED 490.
SPEC ED	403	Course Prerequisite: SPEC ED 301 or 420.
SPEC ED	404	Course Prerequisite: SPEC ED 301 or 420.
SPEC ED	409	Course Prerequisite: SPEC ED 301 or 420.
SPEC ED	420	Course Prerequisite: For candidates admitted to teacher education (EDUC).
SPEC ED	421	Course Prerequisite: SPEC ED 301; SPEC ED 404.
SPEC ED	440	Course Prerequisite: SPEC ED 301 or 420.
SPEC ED	470	Course Prerequisite: SPEC ED 301 or 420.
SPEC ED	490	Course Prerequisite: SPEC ED 301 or SPEC ED 420; SPEC ED 404; for candidates admitted to teacher education (EDUC or SECED).
SPMGT	276	Course Prerequisite: ENGLISH 101 with a C or better; COMST 102 with a C or better; MATH [N] GER with a C or better; 2.5 cumulative gpa.
SPMGT	290	Course Prerequisite: ENGLISH 101 with a C or better; COMST 102 with a C or better; MATH [N] GER with a C or better; 2.5 cumulative gpa.
SPMGT	365	Course Prerequisite: Certified Sport Management major or minor; SPMGT 276; junior standing.
SPMGT	367	Course Prerequisite: Certified Sport Management major or minor; SPMGT 276; junior standing.
SPMGT	374	Course Prerequisite: Certified Sport Management major or minor; SPMGT 276; ACCTG 230; junior standing.
SPMGT	377	Course Prerequisite: Certified Sport Management major or minor; SPMGT 276; junior standing.
SPMGT	394	Course Prerequisite: By interview only.
SPMGT	399	Course Prerequisite: Sophomore standing; by interview only.
SPMGT	464	Course Prerequisite: Certified Sport Management major; SPMGT 365.
SPMGT	468	Course Prerequisite: Certified Sport Management major; SPMGT 367.
SPMGT	488	Course Prerequisite: Certified Sport Management major; SPMGT 367; SPMGT 377; senior

		standing.
SPMGT	489	Course Prerequisite: Certified Sport Management major; SPMGT 468 or concurrent enrollment; senior standing.
SPMGT	490	Course Prerequisite: Certified Sport Management major; SPMGT 365; SPMGT 367; SPMGT 377; senior standing.
SPMGT	491	Course Prerequisite: Certified Sport Management major; SPMGT 488; SPMGT 490; by interview.
STAT	360	Course Prerequisite: MATH 172.
STAT	370	Course Prerequisite: MATH 172.
STAT	401	Course Prerequisite: STAT 212, 360, or 412.
STAT	412	Course Prerequisite: STAT 212, MATH 140, 171, 202, or graduate standing.
STAT	422	Course Prerequisite: STAT 212, 360, or 370.
STAT	428	Course Prerequisite: STAT 360.
STAT	430	Course Prerequisite: MATH 172; MATH 220.
STAT	443	Course Prerequisite: MATH 172; MATH 220.
STAT	456	Course Prerequisite: STAT 430 or 443.
STAT	507	Course Prerequisite: STAT 512.
STAT	514	Course Prerequisite: STAT 512.
TCH LRN	301	Course Prerequisite: PSYCH 105.
TCH LRN	305	Course Prerequisite: For candidates admitted to teacher education (Elementary Education).
TCH LRN	306	Course Prerequisite: For candidates admitted to teacher education (Elementary Education).
TCH LRN	307	Course Prerequisite: For candidates admitted to teacher education (Elementary Education).
TCH LRN	310	Course Prerequisite: For candidates admitted to teacher education (Elementary Education).
TCH LRN	317	Course Prerequisite: TCH LRN 301.
TCH LRN	320	Course Prerequisite: For candidates admitted to teacher education (Elementary Education).
TCH LRN	321	Course Prerequisite: For candidates admitted to teacher education (Elementary Education).
TCH LRN	322	Course Prerequisite: For candidates admitted to teacher education (Elementary Education).
TCH LRN	330	Course Prerequisite: For candidates admitted to teacher education (Elementary Education).
TCH LRN	352	Course Prerequisite: MATH 252; for candidates admitted to teacher education (Elementary Education).
TCH LRN	371	Course Prerequisite: For candidates admitted to teacher education (Elementary Education).
TCH LRN	385	Course Prerequisite: For candidates admitted to teacher education (Elementary Education).
TCH LRN	390	Course Prerequisite: For candidates admitted to teacher education (Elementary Education).
TCH LRN	401	Course Prerequisite: For candidates admitted to teacher education (Elementary Education or Secondary Education).
TCH LRN	402	Course Prerequisite: For candidates admitted to teacher education (Elementary Education).
TCH LRN	403	Course Prerequisite: For candidates admitted to teacher education (Elementary Education).
TCH LRN	405	Course Prerequisite: For candidates admitted to teacher education (Elementary Education).
TCH LRN	411	Course Prerequisite: TCH LRN 333, 339, 410, or 413.

TCH LRN	413	Course Prerequisite: For candidates admitted to teacher education (Elementary Education).
TCH LRN	415	Course Prerequisite: For candidates admitted to teacher education (Elementary Education or Secondary Education).
TCH LRN	427	Course Prerequisite: TCH LRN 352.
TCH LRN	445	Course Prerequisite: For candidates admitted to teacher education (Elementary Education).
TCH LRN	464	Course Prerequisite: TCH LRN 317; for candidates admitted to teacher education (Secondary Education).
TCH LRN	465	Course Prerequisite: TCH LRN 317; for candidates admitted to teacher education (Secondary Education).
TCH LRN	466	Course Prerequisite: TCH LRN 317; for candidates admitted to teacher education (Secondary Education).
TCH LRN	467	Course Prerequisite: TCH LRN 317; for candidates admitted to teacher education (Secondary Education).
TCH LRN	469	Course Prerequisite: TCH LRN 317; for candidates admitted to teacher education (Secondary Education).
TCH LRN	470	Course Prerequisite: TCH LRN 317; for candidates admitted to teacher education (Secondary Education).
TCH LRN	483	Course Prerequisite: For candidates admitted to teacher education (Elementary Education).
TCH LRN	490	Course Prerequisite: TCH LRN 405.
TCH LRN	505	Course Prerequisite: For candidates admitted to MIT.
TCH LRN	508	Course Prerequisite: TCH LRN 507.
TCH LRN	517	Course Prerequisite: For candidates admitted to MIT.
TCH LRN	525	Course Prerequisite: For candidates admitted to MIT.
TCH LRN	526	Course Prerequisite: TCH LRN 515.
TCH LRN	540	Course Prerequisite: For candidates admitted to MIT.
TCH LRN	552	Course Prerequisite: For candidates admitted to MIT.
TCH LRN	556	Course Prerequisite: For candidates admitted to MIT.
TCH LRN	561	Course Prerequisite: For candidates admitted to MIT.
TCH LRN	564	Course Prerequisite: For candidates admitted to MIT.
TCH LRN	571	Course Prerequisite: For candidates admitted to MIT.
TCH LRN	572	Course Prerequisite: For candidates admitted to MIT.
TCH LRN	574	Course Prerequisite: For candidates admitted to MIT.
TCH LRN	583	Course Prerequisite: For candidates admitted to MIT.
TCH LRN	590	Course Prerequisite: By interview only.
TCH LRN	593	Course Prerequisite: For candidates admitted to MIT.
TCH LRN	594	Course Prerequisite: For candidates admitted to MIT.
TCH LRN	595	Course Prerequisite: TCH LRN 593.
UCOLLEGE	101	Course Prerequisite: By permission only.
UCOLLEGE	301	Course Prerequisite: Sophomore standing.

UCOLLEGE	304	Course Prerequisite: Sophomore standing.
VET CLIN	361	Course Prerequisite: One ANIM SCI or BIOLOGY course.
VET CLIN	498	Course Prerequisite: By permission only; fourth or fifth year veterinary DVM students from Nihon University.
VET CLIN	565	Course Prerequisite: Admission to the MS or PhD in Veterinary Science program.
VET CLIN	573	Course Prerequisite: Admission to the MS or PhD in Veterinary Science program.
VET CLIN	574	Course Prerequisite: Admission to the MS or PhD in Veterinary Science program.
VET CLIN	576	Course Prerequisite: Admission to the MS or PhD in Veterinary Science program.
VET CLIN	577	Course Prerequisite: Admission to the MS or PhD in Veterinary Science program.
VET CLIN	578	Course Prerequisite: VET CLIN 577; admission to the MS or PhD in Veterinary Science program.
VET CLIN	579	Course Prerequisite: Admission to the MS or PhD in Veterinary Science program.
VET CLIN	580	Course Prerequisite: Admission to the MS or PhD in Veterinary Science program.
VET CLIN	582	Course Prerequisite: Admission to the MS or PhD in Veterinary Science program.
VET CLIN	584	Course Prerequisite: Admission to the MS or PhD in Veterinary Science program.
VET CLIN	585	Course Prerequisite: Admission to the MS or PhD in Veterinary Science program.
VET CLIN	586	Course Prerequisite: Admission to the MS or PhD in Veterinary Science program.
VET CLIN	587	Course Prerequisite: Admission to the MS or PhD in Veterinary Science program.
VET CLIN	589	Course Prerequisite: Admission to the MS or PhD in Veterinary Science program.
VET CLIN	590	Course Prerequisite: Admission to the MS or PhD in Veterinary Science program.
VET CLIN	591	Course Prerequisite: Admission to the MS or PhD in Veterinary Science program.
VET CLIN	593	Course Prerequisite: Admission to the MS or PhD in Veterinary Science program.
VET CLIN	596	Course Prerequisite: Admission to the MS or PhD in Veterinary Science program.
VET CLIN	597	Course Prerequisite: Admission to the MS or PhD in Veterinary Science program.
VET CLIN	598	Course Prerequisite: Admission to the MS or PhD in Veterinary Science program.
VET CLIN	599	Course Prerequisite: Admission to the MS or PhD in Veterinary Science program.
VET CLIN	700	Course Prerequisite: MS in Veterinary Science only.
VET CLIN	800	Course Prerequisite: PhD in Veterinary Science only.
VET MED	350	Course Prerequisite: VET MED 511.
VET MED	394	Course Prerequisite: MBIOS 303 or concurrent enrollment; junior standing; cumulative gpa of 3.00 or higher.
VET MED	499	Course Prerequisite: Veterinary Medicine student.
VET MED	501	Course Prerequisite: Veterinary Medicine student.
VET MED	502	Course Prerequisite: Veterinary Medicine student.
VET MED	504	Course Prerequisite: VET MED 501.
VET MED	505	Course Prerequisite: Veterinary Medicine student.
VET MED	508	Course Prerequisite: Veterinary Medicine student.
VET MED	509	Course Prerequisite: Veterinary Medicine student.
VET MED	510	Course Prerequisite: Veterinary Medicine student.

VET MED	511	Course Prerequisite: Veterinary Medicine student.
VET MED	512	Course Prerequisite: VET MED 511.
VET MED	513	Course Prerequisite: Veterinary Medicine student.
VET MED	517	Course Prerequisite: VET MED 512.
VET MED	518	Course Prerequisite: VET MED 512.
VET MED	520	Course Prerequisite: VET MED 510.
VET MED	521	Course Prerequisite: VET MED 510.
VET MED	522	Course Prerequisite: Veterinary Medicine student.
VET MED	523	Course Prerequisite: VET MED 522.
VET MED	524	Course Prerequisite: VET MED 523.
VET MED	525	Course Prerequisite: Veterinary Medicine student.
VET MED	526	Course Prerequisite: Veterinary Medicine student.
VET MED	534	Course Prerequisite: Veterinary Medicine student.
VET MED	535	Course Prerequisite: Veterinary Medicine student.
VET MED	536	Course Prerequisite: Veterinary Medicine student.
VET MED	537	Course Prerequisite: Veterinary Medicine student.
VET MED	542	Course Prerequisite: Veterinary Medicine student.
VET MED	543	Course Prerequisite: Veterinary Medicine student.
VET MED	545	Course Prerequisite: VET MED 520.
VET MED	546	Course Prerequisite: VET MED 545.
VET MED	551	Course Prerequisite: Veterinary Medicine student.
VET MED	552	Course Prerequisite: VET MED 551.
VET MED	553	Course Prerequisite: Veterinary Medicine student.
VET MED	554	Course Prerequisite: Concurrent enrollment in VET MED 553.
VET MED	556	Course Prerequisite: VET MED 553.
VET MED	557	Course Prerequisite: VET MED 553.
VET MED	558	Course Prerequisite: Veterinary Medicine student.
VET MED	559	Course Prerequisite: Veterinary Medicine student.
VET MED	561	Course Prerequisite: Veterinary Medicine student.
VET MED	567	Course Prerequisite: Veterinary Medicine student.
VET MED	568	Course Prerequisite: Veterinary Medicine student.
VET MED	569	Course Prerequisite: Veterinary Medicine student.
VET MED	570	Course Prerequisite: VET MED 569.
VET MED	571	Course Prerequisite: Veterinary Medicine student.
VET MED	572	Course Prerequisite: VET MED 553; Veterinary Medicine student.
VET MED	573	Course Prerequisite: VET MED 512; concurrent enrollment in VET MED 572.
VET MED	576	Course Prerequisite: Veterinary Medicine student.

VET MED	577	Course Prerequisite: Veterinary Medicine student.
VET MED	578	Course Prerequisite: Veterinary Medicine student.
VET MED	579	Course Prerequisite: VET MED 578.
VET MED	580	Course Prerequisite: Veterinary Medicine student.
VET MED	585	Course Prerequisite: Veterinary Medicine student.
VET MED	586	Course Prerequisite: Veterinary Medicine student.
VET MED	587	Course Prerequisite: Veterinary Medicine student.
VET MED	588	Course Prerequisite: Veterinary Medicine student.
VET MED	589	Course Prerequisite: Veterinary Medicine student.
VET MED	591	Course Prerequisite: Veterinary Medicine student.
VET MED	592	Course Prerequisite: VET MED 589.
VET MED	593	Course Prerequisite: VET MED 587.
VET MED	598	Course Prerequisite: Veterinary Medicine student.
VET MED	599	Course Prerequisite: Veterinary Medicine student.
VET MED	600	Course Prerequisite: Veterinary Medicine student.
VET MED	603	Course Prerequisite: Veterinary Medicine student.
VET MED	605	Course Prerequisite: Veterinary Medicine student.
VET MED	606	Course Prerequisite: Veterinary Medicine student.
VET MED	607	Course Prerequisite: Veterinary Medicine student.
VET MED	608	Course Prerequisite: Veterinary Medicine student.
VET MED	609	Course Prerequisite: Veterinary Medicine student.
VET MED	611	Course Prerequisite: Veterinary Medicine student.
VET MED	612	Course Prerequisite: Veterinary Medicine student.
VET MED	613	Course Prerequisite: Veterinary Medicine student.
VET MED	614	Course Prerequisite: Veterinary Medicine student.
VET MED	615	Course Prerequisite: Veterinary Medicine student.
VET MED	616	Course Prerequisite: Veterinary Medicine student.
VET MED	617	Course Prerequisite: Veterinary Medicine student.
VET MED	620	Course Prerequisite: Veterinary Medicine student.
VET MED	621	Course Prerequisite: Veterinary Medicine student.
VET MED	628	Course Prerequisite: Veterinary Medicine student.
VET MED	629	Course Prerequisite: Veterinary Medicine student.
VET MED	630	Course Prerequisite: Veterinary Medicine student.
VET MED	631	Course Prerequisite: Veterinary Medicine student.
VET MED	632	Course Prerequisite: Veterinary Medicine student.
VET MED	633	Course Prerequisite: Veterinary Medicine student.
VET MED	635	Course Prerequisite: Veterinary Medicine student.

VET MED	636	Course Prerequisite: Veterinary Medicine student.
VET MED	637	Course Prerequisite: Veterinary Medicine student.
VET MED	638	Course Prerequisite: Veterinary Medicine student.
VET MED	650	Course Prerequisite: Veterinary Medicine student.
VET MED	651	Course Prerequisite: Veterinary Medicine student.
VET MED	652	Course Prerequisite: Veterinary Medicine student.
VET MED	653	Course Prerequisite: Veterinary Medicine student.
VET MED	656	Course Prerequisite: Veterinary Medicine student.
VET MED	657	Course Prerequisite: Veterinary Medicine student.
VET MED	673	Course Prerequisite: Veterinary Medicine student.
VET MED	674	Course Prerequisite: Veterinary Medicine student.
VET MED	675	Course Prerequisite: Veterinary Medicine student.
VET MED	676	Course Prerequisite: Veterinary Medicine student.
VET MED	690	Course Prerequisite: Veterinary Medicine student.
VET MED	691	Course Prerequisite: Veterinary Medicine student.
VET MED	692	Course Prerequisite: Veterinary Medicine student.
VET MED	693	Course Prerequisite: Veterinary Medicine student.
VET MED	694	Course Prerequisite: Veterinary Medicine student.
VET MED	699	Course Prerequisite: Veterinary Medicine student.
VET MICR	535	Course Prerequisite: Admission to the MS or PhD in Veterinary Science program.
VET MICR	541	Course Prerequisite: VET MED 534; VET MED 535; VET MED 536.
VET MICR	700	Course Prerequisite: MS in Veterinary Science only.
VET MICR	800	Course Prerequisite: PhD in Veterinary Science only.
VET PATH	501	Course Prerequisite: Admission to the MS or PhD in Veterinary Science program.
VET PATH	542	Course Prerequisite: VET MED 546.
VET PATH	544	Course Prerequisite: VET MED 545.
VET PATH	545	Course Prerequisite: MBIOS 440, VET MED 534, or VET MED 545.
VET PATH	700	Course Prerequisite: MS in Veterinary Science only.
VET PATH	800	Course Prerequisite: PhD in Veterinary Science only.
VET PH	308	Course Prerequisite: BIOLOGY 107; junior standing.
VIT ENOL	313	Course Prerequisite: BIOLOGY 106, BIOLOGY 107, BIOLOGY 120, or HORT 202.
VIT ENOL	326	Course Prerequisite: HORT 313.
VIT ENOL	399	Course Prerequisite: Certified major in Integrated Plant Sciences or by interview.
VIT ENOL	413	Course Prerequisite: BIOLOGY 420; HORT 313; SOIL SCI 201.
VIT ENOL	422	Course Prerequisite: STAT 212; FS 110 or VIT ENOL 113.
VIT ENOL	435	Course Prerequisite: BIOLOGY 420; MBIOS 303; MBIOS 305. Recommended preparation: Analytical chemistry.
VIT ENOL	465	Course Prerequisite: MBIOS 303; MBIOS 305. Recommended preparation: MBIOS 306.

VIT ENOL	466	Course Prerequisite: FS 465 or concurrent enrollment; MBIOS 306.
VIT ENOL	488	Course Prerequisite: BIOLOGY 420; HORT 313.
VIT ENOL	496	Course Prerequisite: Sophomore standing.
WOMEN ST	300	Course Prerequisite: 3 hours of either CES or WOMEN ST, or SOC 101.
WOMEN ST	320	Course Prerequisite: Sophomore standing.
WOMEN ST	332	Course Prerequisite: ANTH 101 or WOMEN ST 200.
WOMEN ST	369	Course Prerequisite: CES 101, CES 201, or WOMEN ST 200.
WOMEN ST	372	Course Prerequisite: ANTH 101, 214, CES 101, 171, or WOMEN ST 200.
WOMEN ST	382	Course Prerequisite: ENGLISH 302.
WOMEN ST	399	Course Prerequisite: HISTORY 110, 111, or WOMEN ST 200.
WOMEN ST	406	Course Prerequisite: Junior standing.
WOMEN ST	407	Course Prerequisite: BIOLOGY 102 or 106; junior standing.
WOMEN ST	408	Course Prerequisite: Junior standing.
WOMEN ST	409	Course Prerequisite: Junior standing.
WOMEN ST	410	Course Prerequisite: WOMEN ST 200; WOMEN ST 300 with a B or better, or 481 with B or better; by interview only.
WOMEN ST	425	Course Prerequisite: 3 hours PHIL or WOMEN ST 200.
WOMEN ST	454	Course Prerequisite: Junior standing.
WOMEN ST	460	Course Prerequisite: WOMEN ST 200 or 300; junior standing.
WOMEN ST	462	Course Prerequisite: PHIL 101 or WOMEN ST 200.
WOMEN ST	464	Course Prerequisite: COM 101 or WOMEN ST 200; certified major or minor in communication.
WOMEN ST	481	Course Prerequisite: WOMEN ST 200 or 300.
WOMEN ST	484	Course Prerequisite: Junior standing.
WOMEN ST	485	Course Prerequisite: WOMEN ST 484 or 300-400-level WOMEN ST course.

MEMORANDUM

TO: Faculty Senate, Deans, and Chairs

FROM: Becky Bitter, Sr. Assistant Registrar

DATE: September 30, 2011

SUBJECT: Minor Change Bulletin No. 2 – Prerequisites Revised to *Recommended Preparation* or *Required Preparation* Statements

Minor Change Bulletin No. 2 is the second of two document recording changes to course prerequisites, which will be presented in the *WSU Catalog, 2012*.

The following prerequisites were revised by departments to include an advisory statement— i.e. “Recommended preparation” or “Required preparation must include”— instead of a prerequisite that would be enforced at the time of registration.

When applicable, the courses presented below also reflect prefix changes based on department’s choice to revise the prefix code for the new student information system.

The effective date for these changes is Fall 2012, to correspond with registration via the new student information system.

Prefix	Course Number	New Statement
ANIM SCI	285	Recommended preparation: BIOLOGY 102 or 106 or concurrent enrollment.
ANTH	309	Recommended preparation: Sophomore standing; ANTH 101 or 203.
ANTH	316	Recommended preparation: Sophomore standing; ANTH 101, PSYCH 105, SOC 101, or WOMEN ST 200.
ANTH	327	Recommended preparation: ANTH 101 or CES 171.
ANTH	330	Recommended preparation: 3 hours ANTH.
ANTH	331	Recommended preparation: ANTH 101.
ANTH	334	Recommended preparation: ANTH 101.
ANTH	336	Recommended preparation: ANTH 101, 230, or 330.
ANTH	340	Recommended preparation: ANTH 101, 330, or 336.
ANTH	381	Recommended preparation: ANTH 101 or BIOLOGY 101, 102 or 150.
ANTH	395	Recommended preparation: Junior standing.
ANTH	402	Recommended preparation: ANTH 101 or SOC 101.
ANTH	405	Recommended preparation: Junior standing.
ANTH	417	Recommended preparation: 3 hours ANTH; junior standing.
ANTH	430	Recommended preparation: ANTH 230; ANTH 330 or 331.
ANTH	463	Recommended preparation: ANTH 260.
ANTH	465	Recommended preparation: ANTH 260.
ANTH	468	Recommended preparation: Junior standing; 3 hours ANTH or BIOLOGY.

ANTH	469	Recommended preparation: Junior standing.
ANTH	546	Recommended preparation: ANTH 530.
ANTH	549	Recommended preparation: ANTH 530.
ANTH	554	Recommended preparation: ANTH 450 or 550.
ANTH	561	Recommended preparation: ANTH 465.
BIOLOGY	233	Recommended preparation: BIOLOGY or CHEM course.
BIOLOGY	416	Recommended preparation: NATRS 411.
CE	511	Required preparation must include CE 317.
CE	515	Required preparation must include CE 341.
CE	525	Required preparation must include CE 317.
CE	527	Required preparation must include CE 317.
CE	528	Required preparation must include CE 317.
CE	530	Required preparation must include CE 431.
CE	533	Required preparation must include CE 433.
CE	539	Required preparation must include CE 436.
CE	552	Required preparation must include CE 351.
CE	566	Required preparation must include CE 351.
CE	572	Required preparation must include CE 473.
CE	585	Required preparation must include CHEM 345; MBIOS 101.
CE	593	Required preparation must include MSE 402.
CE	597	Required preparation must include MSE 402 or 404.
CES	376	Recommended preparation: ANTH 101.
CES	378	Recommended preparation: ANTH 101 or CES 171.
CHEM	510	Recommended preparation: MBIOS 303 or equivalent.
CHEM	514	Recommended preparation: CHEM 425 or equivalent.
CHEM	517	Recommended preparation: CHEM 425 or equivalent.
CHEM	518	Recommended preparation: CHEM 425 or equivalent.
CHEM	520	Recommended preparation: CHEM 425 or equivalent.
CHEM	521	Recommended preparation: CHEM 425 or equivalent.
CHEM	522	Required preparation must include CHEM 222; CHEM 331; PHYSICS 202; or equivalent.
CHEM	531	Recommended preparation: CHEM 331 or equivalent.
CHEM	532	Recommended preparation: CHEM 332 or equivalent.
CHINESE	102	Required preparation must include CHINESE 101 with a grade of C or better or equivalent proficiency.
CHINESE	203	Required preparation must include CHINESE 102 with a grade of C or better or equivalent proficiency.
CHINESE	204	Required preparation must include CHINESE 203 with a grade of C or better or equivalent proficiency.

CHINESE	306	Required preparation must include CHINESE 204 with a grade of C or better or equivalent proficiency.
CHINESE	307	Required preparation must include CHINESE 204 with a grade of C or better or equivalent proficiency.
CHINESE	308	Required preparation must include CHINESE 204 with a grade of C or better or equivalent proficiency.
CPT S	531	Required preparation must include numerical analysis.
CPT S	550	Required preparation must include differential equations and a programming course.
CPT S	553	Required preparation must include linear algebra.
CROP SCI	317	Recommended preparation: CROP SCI 301.
CROP SCI	505	Required preparation must include upper-division course in biology, genetics, or plant breeding.
CROP SCI	520	Required preparation must include upper-division course in general genetics.
CROP SCI	554	Required preparation must include upper-division course in biology, genetics, or plant breeding.
CS	516	Required preparation must include a strong background in discrete mathematics, automata, and formal languages.
CS	521	Required preparation must include a familiarity with the use and theory behind current software engineering practices.
CS	541	Required preparation must include prior knowledge and experience in artificial intelligence.
CS	548	Required preparation must include a prior knowledge and understanding of linear algebra and the graphics pipeline.
CS	558	Required preparation must include a prior knowledge and understanding of communication protocols such as TCP/IP and experience in network programming.
DESIGN	397	Recommended preparation: ID 297 or graduate standing.
DESIGN	497	Recommended preparation: DESIGN 397.
DESIGN	498	Recommended preparation: DESIGN 497.
E E	214	Recommended preparation: Prior programming class.
E M	545	Recommended preparation: Basic STAT course.
E M	580	Recommended preparation: STAT 430.
E M	585	Recommended preparation: STAT 430.
ECONS	500	Required preparation must include intermediate macroeconomics and one year of calculus.
ECONS	501	Required preparation must include intermediate microeconomics and one year of calculus.
ECONS	510	Required preparation must include college calculus and matrix algebra.
ECONS	521	Required preparation must include intermediate micro- and macro-economics, and econometrics course work.
ECONS	525	Required preparation must include introductory statistics course.
ECONS	526	Required preparation must include intermediate microeconomics and calculus course work.
ECONS	527	Required preparation must include intermediate microeconomics and calculus course work.
ED PSYCH	508	Recommended preparation: ED PSYCH 505.

ENGLISH	492	Not open to graduate students.
ENGLISH	494	Not open to graduate students.
ENTOM	541	Required preparation must include ENTOM 343 or BIOLOGY 372.
ENTOM	545	Required preparation must include ENTOM 343.
ENTOM	546	Required preparation must include MATH 140 or 171.
ENTOM	550	Required preparation must include BIOLOGY 332, 352, CHEM 345, ENTOM 340, or 343.
ENTOM	556	Required preparation must include MBIOS 303; CHEM 345; BIOLOGY 352, 420, or 350.
ENTOM	557	Required preparation must include MBIOS 303; CHEM 345; BIOLOGY 352, 420, or 350.
ENTOM	558	Required preparation must include MBIOS 303; CHEM 345; BIOLOGY 352, 420, or 350.
ENVR SCI	414	Recommended preparation: Introductory biology and physics.
ENVR SCI	466	Recommended preparation: PSYCH 105.
ENVR SCI	508	Required preparation must include undergraduate statistics through applied multiple regression.
ENVR SCI	514	Recommended preparation: Introductory biology and physics.
ENVR SCI	558	Required preparation must include MBIOS 303; CHEM 345; BIOLOGY 352, 420, or 350.
ENVR SCI	585	Required preparation must include CHEM 345; MBIOS 101.
FIN	500	Required preparation must include intermediate macroeconomics and one year of calculus.
FIN	501	Required preparation must include intermediate microeconomics and one year of calculus.
FIN	510	Required preparation must include college calculus and matrix algebra.
FRENCH	102	Required preparation must include FRENCH 101 with a grade of C or better or equivalent proficiency.
FRENCH	203	Required preparation must include FRENCH 102 with a grade of C or better or equivalent proficiency.
FRENCH	204	Required preparation must include FRENCH 203 with a grade of C or better or equivalent proficiency.
FRENCH	306	Required preparation must include FRENCH 204 with a grade of C or better or equivalent proficiency.
FRENCH	307	Required preparation must include FRENCH 204 with a grade of C or better or equivalent proficiency.
FRENCH	308	Required preparation must include FRENCH 204 with a grade of C or better or equivalent proficiency.
FS	407	Recommended preparation: FS 406.
FS	510	Recommended preparation: BIOLOGY 101; BIOLOGY 102 or BIOLOGY 106; BIOLOGY 107; MBIOS 303.
FS	511	Recommended preparation: FS 460; MBIOS 303.
FS	512	Recommended preparation: FS 460; MBIOS 303.
FS	522	Recommended preparation: STAT 212; FS 110 or VIT ENOL 113.
FS	529	Recommended preparation: MBIOS 101 or 301; CHEM 345; MBIOS 303.
FS	564	Recommended preparation: MBIOS 303.

FS	570	Recommended preparation: FS 416; FS 432.
FS	583	Recommended preparation: MBIOS 303, CHEM 345, or FS 460.
GEOLOGY	508	Required preparation must include undergraduate statistics through applied multiple regression.
GERMAN	102	Required preparation must include GERMAN 101 with a grade of C or better or equivalent proficiency.
GERMAN	203	Required preparation must include GERMAN 102 with a grade of C or better or equivalent proficiency.
GERMAN	204	Required preparation must include GERMAN 203 with a grade of C or better or equivalent proficiency.
GERMAN	307	Required preparation must include GERMAN 204 with a grade of C or better or equivalent proficiency.
GERMAN	308	Required preparation must include GERMAN 204 with a grade of C or better or equivalent proficiency.
HORT	202	Recommended preparation: HORT 102; BIOLOGY 106, 107, or 120.
HORT	231	Recommended preparation: BIOLOGY 120 or HORT 202.
HORT	232	Recommended preparation: BIOLOGY 120 or HORT 202.
HORT	320	Recommended preparation: BIOLOGY 106, BIOLOGY 107, BIOLOGY 120, or HORT 202.
HORT	331	Recommended preparation: BIOLOGY 106, BIOLOGY 107, BIOLOGY 120, HORT 202, HORT 231, or HORT 232.
HORT	332	Recommended preparation: 3 hours BIOLOGY or HORT.
HORT	357	Recommended preparation: 3 hours BIOLOGY or HORT.
I D	197	Recommended preparation: I D 101.
ITALIAN	102	Required preparation must include ITALIAN 101 with a grade of C or better or equivalent proficiency.
ITALIAN	205	Required preparation must include two semesters of ITALIAN at the college level or equivalent proficiency.
JAPANESE	102	Required preparation must include JAPANESE 101 with a grade of C or better or equivalent proficiency.
JAPANESE	203	Required preparation must include JAPANESE 102 with a grade of C or better or equivalent proficiency.
JAPANESE	204	Required preparation must include JAPANESE 203 with a grade of C or better or equivalent proficiency.
JAPANESE	306	Required preparation must include JAPANESE 204 with a grade of C or better or equivalent proficiency.
JAPANESE	307	Required preparation must include JAPANESE 204 with a grade of C or better or equivalent proficiency.
JAPANESE	308	Required preparation must include JAPANESE 204 with a grade of C or better or equivalent proficiency.
LATIN	102	Required preparation must include LATIN 101 with a grade of C or better or equivalent proficiency.

MATH	205	Recommended preparation: Previous college algebra.
MATH	212	Recommended preparation: Previous college algebra.
MATH	423	Recommended preparation: One 3-hour 300-level STAT course.
MATH	501	Required preparation must include advanced calculus or real analysis.
MATH	505	Required preparation must include abstract algebra.
MATH	511	Required preparation must include advanced linear algebra.
MATH	512	Required preparation must include a year-long sequence in advanced calculus or real analysis.
MATH	516	Required preparation must include probability, statistics, and programming experience.
MATH	525	Required preparation must include a year-long sequence in advanced calculus or real analysis.
MATH	540	Required preparation must include differential equations.
MATH	541	Required preparation must include differential equations.
MATH	543	Required preparation must include numerical analysis.
MATH	544	Required preparation must include numerical analysis.
MATH	545	Required preparation must include numerical analysis.
MATH	546	Required preparation must include numerical analysis.
MATH	548	Required preparation must include differential equations and a programming course.
MATH	553	Required preparation must include linear algebra.
MATH	560	Required preparation must include a year-long sequence in advanced calculus or real analysis.
MATH	563	Required preparation must include multivariate calculus, genetics, and statistics.
MATH	564	Required preparation must include advanced multivariate calculus, and a programming language. Recommended preparation: MATH 464, 544.
MATH	566	Required preparation must include linear programming.
MATH	567	Required preparation must include linear optimization.
MATH	568	Recommended preparation: Calculus III and one 3-hour 400-level probability course.
MATH	569	Recommended preparation: STAT 548.
MATH	570	Required preparation must include differential equations and advanced calculus or real analysis.
MATH	574	Required preparation must include advanced multivariable calculus and a programming language.
MATH	586	Required preparation must include differential equations.
MATSE	521	Recommended preparation: MATH 540.
MBIOS	320	Recommended preparation: One college-level course in biology highly Recommended preparation.
MBIOS	501	Recommended preparation: Introductory genetics and biochemistry coursework; concurrent enrollment with MBIOS 529 highly Recommended preparation.
MBIOS	503	Recommended preparation: Introductory genetics and biochemistry coursework.
MBIOS	504	Recommended preparation: Introductory genetics and biochemistry coursework.
MBIOS	513	Recommended preparation: Introductory biochemistry coursework.
MBIOS	529	Recommended preparation: Concurrent enrollment with MBIOS 501 highly Recommended

		preparation.
MBIOS	540	Recommended preparation: Introductory microbiology coursework; concurrent enrollment with MBIOS 548 highly Recommended preparation.
MBIOS	542	Recommended preparation: Introductory genetics and biochemistry coursework; concurrent enrollment with MBIOS 548 highly Recommended preparation.
MBIOS	548	Recommended preparation: Concurrent enrollment with MBIOS 540 or 542.
MBIOS	549	Recommended preparation: MBIOS 540 or concurrent enrollment.
MBIOS	550	Recommended preparation: Introductory genetics, biochemistry, or microbiology coursework.
MBIOS	566	Recommended preparation: Introductory biophysical or physical chemistry coursework.
MBIOS	574	Recommended preparation: MBIOS 513.
MBIOS	578	Recommended preparation: Introductory genetics or biochemistry coursework.
MGTOP	516	Recommended preparation: STAT 443.
MGTOP	519	Recommended preparation: STAT 443.
MSE	521	Recommended preparation: MATH 540.
MSE	543	Required preparation must include MSE 402.
MSE	547	Required preparation must include MSE 402 or 404.
NATRS	416	Recommended preparation: NATRS 411.
NATRS	460	Recommended preparation: NATRS 204 or sufficient background in spreadsheets.
NURS	526	Required preparation must include college-level statistics course.
NURS	565	Required preparation must include competency in word processing/spreadsheets.
PHARMSCI	555	Recommended preparation: Concurrent enrollment in MBIOS 513.
PHIL	401	Recommended preparation: PHIL 201.
PHIL	420	Recommended preparation: PHIL 320, 321 or 322.
PL P	551	Recommended preparation: PL P 429.
PSYCH	230	Recommended preparation: PSYCH 105.
PSYCH	265	Recommended preparation: PSYCH 105; BIOLOGY 102, BIOLOGY 107, or BIOLOGY 101 and 105.
PSYCH	306	Recommended preparation: PSYCH 105.
PSYCH	307	Recommended preparation: PSYCH 105.
PSYCH	308	Recommended preparation: PSYCH 105.
PSYCH	309	Recommended preparation: PSYCH 105.
PSYCH	320	Recommended preparation: PSYCH 105.
PSYCH	321	Recommended preparation: PSYCH 105.
PSYCH	324	Recommended preparation: PSYCH 105.
PSYCH	328	Recommended preparation: PSYCH 105.
PSYCH	333	Recommended preparation: PSYCH 105.
PSYCH	350	Recommended preparation: PSYCH 105 or SOC 101.
PSYCH	361	Recommended preparation: PSYCH 105.
PSYCH	363	Recommended preparation: PSYCH 105.

PSYCH	372	Recommended preparation: PSYCH 105 or PSYCH 265; BIOLOGY 102, BIOLOGY 107, or BIOLOGY 101 and 105.
PSYCH	384	Recommended preparation: PSYCH 105.
PSYCH	390	Recommended preparation: PSYCH 105.
PSYCH	466	Recommended preparation: PSYCH 105.
PSYCH	470	Recommended preparation: PSYCH 105; PSYCH 350, PSYCH 372, PSYCH 490, or PSYCH 491.
PSYCH	490	Recommended preparation: PSYCH 105.
PSYCH	577	Recommended preparation: PSYCH 574 or NEUROSCI 520.
RUSSIAN	102	Required preparation must include RUSSIAN 101 with a grade of C or better or equivalent proficiency.
RUSSIAN	203	Required preparation must include RUSSIAN 102 with a grade of C or better or equivalent proficiency.
RUSSIAN	204	Required preparation must include RUSSIAN 203 with a grade of C or better or equivalent proficiency.
SOC	310	Recommended preparation: SOC 101.
SOC	332	Recommended preparation: SOC 101.
SOC	340	Recommended preparation: SOC 101.
SOC	341	Recommended preparation: SOC 101.
SOC	342	Recommended preparation: SOC 101.
SOC	343	Recommended preparation: SOC 101.
SOC	345	Recommended preparation: SOC 101.
SOC	346	Recommended preparation: SOC 101.
SOC	350	Recommended preparation: PSYCH 105 or SOC 101.
SOC	351	Recommended preparation: SOC 101.
SOC	360	Recommended preparation: SOC 101.
SOC	361	Recommended preparation: SOC 101.
SOC	362	Recommended preparation: SOC 101.
SOC	368	Recommended preparation: SOC 101.
SOC	384	Recommended preparation: SOC 101.
SOC	522	Recommended preparation: SOC 521.
SOC	523	Recommended preparation: SOC 520.
SOC	525	Recommended preparation: SOC 520.
SOIL SCI	302	Recommended preparation: SOIL SCI 201
SOIL SCI	413	Recommended preparation: SOIL SCI 201 and general physics.
SOIL SCI	414	Recommended preparation: Introductory biology and physics.
SOIL SCI	508	Required preparation must include undergraduate statistics through applied multiple regression.
SOIL SCI	514	Recommended preparation: Introductory biology and physics.
SOIL SCI	526	Required preparation must include undergraduate soil chemistry and soil classification or

		permission of instructor.
SOIL SCI	533	Recommended preparation: Upper division or graduate course in soil physics or chemistry.
SOIL SCI	537	Required preparation must include coursework in general microbiology, general biochemistry, and environmental soil chemistry or permission of instructor.
SOIL SCI	541	Required preparation must include two upper-division courses in biology, microbiology, or soils.
SOIL SCI	547	Required preparation must include introductory soils and upper-division soil fertility courses.
SOIL SCI	557	Required preparation must include upper-division coursework in soil development and classification, or permission of instructor.
SPANISH	102	Required preparation must include SPANISH 101 with a grade of C or better or equivalent proficiency.
SPANISH	203	Required preparation must include SPANISH 102 with a grade of C or better or equivalent proficiency.
SPANISH	204	Required preparation must include SPANISH 203 with a grade of C or better or equivalent proficiency.
SPANISH	306	Required preparation must include SPANISH 204 with a grade of C or better or equivalent proficiency.
SPANISH	307	Required preparation must include SPANISH 204 with a grade of C or better or equivalent proficiency.
SPANISH	308	Required preparation must include SPANISH 204 with a grade of C or better or equivalent proficiency.
SPEC ED	501	Required preparation must include completion of an introductory special education course, or SPEC ED 520.
SPEC ED	502	Required preparation must include completion of an introductory special education course, or SPEC ED 520; SPEC ED 504; concurrent enrollment SPEC ED 590 (2 credits).
SPEC ED	503	Required preparation must include completion of an introductory special education course, or SPEC ED 520; SPEC ED 504; or permission of instructor.
SPEC ED	504	Required preparation must include completion of an introductory special education course, or SPEC ED 520.
SPEC ED	509	Required preparation must include completion of an introductory special education course, or SPEC ED 520.
SPEC ED	521	Required preparation must include completion of an introductory special education course, or SPEC ED 520; SPEC ED 504.
SPEC ED	540	Required preparation must include completion of an introductory special education course, or SPEC ED 520.
SPEC ED	571	Required preparation must include completion of an introductory special education course, or SPEC ED 520; or permission of instructor.
SPEC ED	590	Required preparation must include completion of an introductory special education course, or SPEC ED 520; certified education major or completed certificate.
SPEC ED	591	Recommended preparation: Admission to a doctoral program.
SPEC ED	592	Recommended preparation: Admission to a doctoral program.
SPEC ED	593	Recommended preparation: Admission to a doctoral program.

SPEC ED	594	Recommended preparation: Admission to a doctoral program.
SPEC ED	595	Recommended preparation: Admission to a doctoral program.
SPEC ED	596	Recommended preparation: Admission to a doctoral program.
SPMGT	573	Required preparation must include SPMGT 365 or equivalent.
SPMGT	567	Required preparation must include SPMGT 367 or equivalent.
SPMGT	568	Required preparation must include SPMGT 468 or equivalent.
SPMGT	564	Required preparation must include SPMGT 464 or equivalent.
SPMGT	577	Required preparation must include SPMGT 377 or equivalent.
SPMGT	578	Required preparation must include SPMGT 367 or equivalent.
STAT	205	Recommended preparation: Previous college algebra.
STAT	212	Recommended preparation: Previous college algebra.
STAT	410	Recommended preparation: One 3-hour 300-level STAT course.
STAT	423	Recommended preparation: One 3-hour 300-level STAT course.
STAT	508	Required preparation must include undergraduate statistics through applied multiple regression.
STAT	510	Recommended preparation: One 3-hour 300-level STAT course.
STAT	512	Recommended preparation: One 3-hour 300-level STAT course.
STAT	516	Recommended preparation: STAT 443.
STAT	519	Recommended preparation: STAT 443.
STAT	520	Recommended preparation: Linear Algebra or Calculus I and one 3-hour 300-level STAT course.
STAT	522	Recommended preparation: Linear Algebra or Calculus I and one 3-hour 300-level STAT course.
STAT	523	Recommended preparation: One 3-hour 300-level STAT course.
STAT	530	Recommended preparation: One 3-hour 300-level STAT course.
STAT	533	Recommended preparation: Linear Algebra and one 3-hour 400-level STAT theory course.
STAT	535	Recommended preparation: One 3-hour 400-level STAT course.
STAT	536	Recommended preparation: One 3-hour 400-level probability or STAT course.
STAT	544	Recommended preparation: One 3-hour 400-level STAT or Applied Probability course.
STAT	548	Recommended preparation: Calculus III and one 3-hour 400-level probability course.
STAT	549	Recommended preparation: STAT 548.
STAT	555	Recommended preparation: One 3-hour 400-level STAT or probability course.
STAT	556	Recommended preparation: One 3-hour 400-level STAT or probability course.
STAT	565	Recommended preparation: Linear Algebra and one 3-hour 300-level STAT course.
STAT	572	Recommended preparation: One 3-hour 300-level STAT or probability course.
STAT	573	Recommended preparation: One 3-hour 300-level STAT or probability course.
STAT	590	Recommended preparation: STAT 512; STAT 530.
TCH LRN	414	Recommended preparation: TCH LRN 410 or 510; TCH LRN 509; TCH LRN 549.

TCH LRN	509	Recommended preparation: TCH LRN 510; TCH LRN 549.
TCH LRN	514	Recommended preparation: TCH LRN 410 or 510; TCH LRN 509; TCH LRN 549.
TCH LRN	549	Recommended preparation: TCH LRN 510.
TCH LRN	550	Recommended preparation: Admission to a doctoral program.
TCH LRN	554	Recommended preparation: TCH LRN 504.
TCH LRN	567	Recommended preparation: Admission to a doctoral program.
TCH LRN	568	Recommended preparation: Admission to a doctoral program.
TCH LRN	569	Recommended preparation: Admission to a doctoral program.
TCH LRN	592	Recommended preparation: Admission to a doctoral program.
VET PH	555	Recommended preparation: Concurrent enrollment in MBIOS 513.
WOMEN ST	230	Recommended preparation: PSYCH 105.
WOMEN ST	324	Recommended preparation: PSYCH 105.
WOMEN ST	351	Recommended preparation: SOC 101.
WOMEN ST	384	Recommended preparation: SOC 101.

MEMORANDUM

TO: Deans and Chairs
 FROM: Becky Bitter, Assistant Registrar
 DATE: October 4, 2011
 SUBJECT: Minor Change Bulletin No. 3

The courses listed below reflect the minor curricular changes approved by the catalog editor since approval of the last Minor Change Bulletin. The column to the far right indicates the date each change becomes effective.

Prefix / Subject	Course Number	New Revise Drop	Current	Proposed	Effective Date
AFS	545	Revise	Field Analysis of Sustainable Food Systems 3 Graduate-level counterpart of AFS 445; additional requirements. Credit not granted for both AFS 445 and 545. Cooperative course taught jointly by WSU and UI (AG 545).	Field Analysis of Sustainable Food Systems 3 Graduate-level counterpart of AFS 445; additional requirements. Credit not granted for both AFS 445 and 545.	1-12
Aging	275	Drop	Special Topics in Aging: Study Abroad V 1-6 May be repeated for credit; cumulative maximum 6 hours. S, F grading.	--N/A--	1-12
Aging	363	Drop	Psychology of Aging 3 Prereq Psych 105 or 198. Same as Psych 363.	--N/A--	1-12
Aging	486	Drop	Psychology of Aging 3 Prereq Psych 105 or 198. Same as Psych 363.	--N/A--	1-12
AgTM	201	Revise	Metal Fabrication 3 (1-6) Theory, applications, and practices of welding, machining, and associated techniques in fabricating with metals. Cooperative course taught by WSU, open to UI students (AGMEC 201).	Metal Fabrication 3 (1-6) Theory, applications, and practices of welding, machining, and associated techniques in fabricating with metals.	1-12

Biol	393	Revise	[M] Seminar I 2 Literature investigation, oral presentation and written reports of selected topics in biology.	[M] Professional Communications in Biology 2 Literature investigation, oral presentation and <u>edited</u> written reports of selected topics in biology.	1-12
BSysE	541	Drop	Instrumentation and Measurements 3 (2-3) Prereq Math 172; Phys 102 or 202. Instrumentation systems and measurement concepts, electronic signal-conditioning components and circuitry, digital electronics and microprocessor basics. Cooperative course taught by UI, open to WSU students (BAE 441).	--N/A--	1-12
Chem	101	Revise	[P] Introduction to Chemistry 4 (3-3) Prereq satisfactory math placement score. Basic chemical concepts; atomic theory, periodicity, reaction stoichiometry, gases, solutions, acids, basis, pH, equilibrium, kinetics, energy, applications to life sciences.	[P] Introduction to Chemistry 4 (3-3) <u>Prereq placement into Math 105 or higher, or ALEKS math placement score of 35%.</u> Basic chemical concepts; atomic theory, periodicity, reaction stoichiometry, gases, solutions, acids, basis, pH, equilibrium, kinetics, energy, applications to life sciences.	1-12
Chem	346	Drop	Organic Chemistry II 3 Prereq Chem 345 with a grade of C or better. Lecture-only component of Chem 348. Advanced concepts in organic chemistry including mechanisms and multistep-synthesis. Credit not granted for both Chem 346 and 348.	--N/A--	1-12
Cpt S	251	Drop	C Programming Language 3 Prereq Math 171 or c//. Skills and literacy course. Comprehensive programming practice using C.	--N/A--	1-12
CRS	334	Drop	[S] Principles of Community Development 3 Prereq social science course; sophomore standing. Same as H D 334.	--N/A--	1-12

CRS	416	Drop	Sustainable Small Farming and Ranching Overview 3 Introduction to small acreage production systems, evaluation of personal and family goals, land evaluation, business planning, marketing options, regulations, and community resources. Cooperative course taught by UI (Ag 404), open to WSU students.	--N/A--	1-12
CRS	417	Drop	Agricultural Entrepreneurship 3 Designed for students who are interested in starting an agricultural enterprise or gaining knowledge of the process.	--N/A--	1-12
CRS	431	Drop	[T,D] The Demographics of American Diversity 3 Prereq junior or senior standing; completion of all GERs. How trends in diversity in American society are changing over time; the demographic forces underlying these trends and debates on these.	--N/A--	1-12
E E	535	Revise	Numerical Solutions to EM Problems-I 3 Prereq E E 351. Theory and use of finite-difference time-domain; numeric dispersion; absorbing boundary conditions; scattering; radiation; time-domain vs. frequency-domain.	Numerical Solutions to EM Problems 3 Prereq E E 351. Theory and use of finite-difference time-domain; numeric dispersion; absorbing boundary conditions; scattering; radiation; time-domain vs. frequency-domain.	1-12
E E	596	Revise	Advanced Analog Integrated Circuits 3 Prereq E E 476, 477. MOS and BiCMOS technologies; MOS and BiCMOS operational amplifiers; A/D, D/A converters; switched-capacitor filters; continuous-time filters. Cooperative course taught by WSU, open to UI students (E E 515).	Advanced Analog Integrated Circuits 3 Prereq E E 476, 477. MOS and BiCMOS technologies; MOS and BiCMOS operational amplifiers; A/D, D/A converters; switched-capacitor filters; continuous-time filters.	1-12
E M	485	Revise	Quality Engineering Using Design of Experiments 3 Rec Stat 430. Design for quality improved	Quality Improvement Using Design of Experiments 3 Rec undergrad statistics. Design for	1-12

			products; processes and services using designed experiments, including robust/parameter design. Credit not granted for both E M 485 and 585.	quality improved products, processes, and services using designed experiments, including robust parameter design. Credit not granted for both E M 485 and 585.	
E M	585	Revise	Quality Engineering-Using Design of Experiments 3 Prereq graduate standing; Rec Stat 430 . Graduate-level counterpart of E M 485; additional requirements. Credit not granted for both E M 485 and 585.	<u>Quality Improvement Using Design of Experiments</u> 3 Prereq graduate standing; Rec <u>undergrad stats</u> . Graduate-level counterpart of E M 485; additional requirements. Credit not granted for both E M 485 and 585.	1-12
ECE	324	Revise	Digital Systems Design 3 (2-3) Prereq ECE 214. Implementation of datapaths and controllers, use of HDLs and automated synthesis tools, field programmable gate arrays and simulation; integrated circuit layout.	<u>Digital Systems Design</u> 3 (2-3) Prereq ECE 214. Implementation of datapaths and controllers, use of <u>hardware description languages</u> and automated synthesis tools, field programmable gate arrays and simulation; integrated circuit layout.	1-12
ECONS	526		Master's Microeconomic Analysis 3 Prereq EconS 301 or 305; Math 171 or 202. Masters-level, calculus-based producer and consumer theory with selected managerial economics topics. Cooperative course taught jointly by WSU and UI (AGEC 526).	<u>Master's Microeconomic Analysis I</u> 3 Masters-level, calculus-based analysis of consumer and producer behavior, partial and general equilibrium, and strategic behavior. Cooperative course taught by WSU, open to UI students (ECON/AGEC 526). Required preparation must include ECONS 301; MATH 171 or 202.	8-12
ECONS	527		Mathematics for Economists 3 Prereq graduate standing. Mathematical methods applicable to economic analysis and research. Cooperative course taught jointly by WSU and UI (AGEC 527).	<u>Master's Microeconomic Analysis II</u> 3 Master's-level, linear algebra-based analysis of consumer and producer theory, comparative statics and constrained optimization. Cooperative course taught by WSU, open to UI students (ECON/AGEC 527). Required preparation must include ECONS 301; MATH 171 or 202.	8-12
Engl	591	Revise	The Teaching of Literature 3 Prereq two semesters full-time enrollment in program or consent of advisor. The theory and practice	<u>Topics in Pedagogy</u> 3 Prereq two semesters full-time enrollment in program or consent of advisor. Theory and practice of designing	1-12

			of designing and teaching courses in literature.	<u>and teaching courses in literature, rhetoric, composition, theory, or cultural studies.</u>	
ExSci	501	Drop	Special Topics 3 Prereq admission to Clinical and Experimental Exercise Science graduate program. Special topics in exercise physiology and metabolism.	--N/A--	1-12
ExSci	563	Drop	Exercise and Immune Response 3 Rec ExSci 463. Influence of physical exercise on immune response and consequent impact on host susceptibility to disease and infection.	--N/A--	1-12
ExSci	565	Drop	Muscle Physiology and Exercise Biogenetics 3 Rec ExSci 463. Bioenergetic, striated muscle metabolic, and neuroendocrine responses to exercise and training.	--N/A--	1-12
ExSci	567	Drop	Cardiopulmonary Exercise Physiology 3 Rec ExSci 463. Pulmonary, circulatory, thermoregulatory, fluid balance and physiological system integration responses to exercise and training.	--N/A--	1-12
ExSci	568	Drop	Clinical Assessment and Prescription 3 Prereq ExSci 463, 476, 567. Development of knowledge and skills in clinical testing analysis, and exercise prescription for clinical populations. Cooperative course taught by UI, open to WSU students (PE 593).	--N/A--	1-12
ExSci	589	Drop	Research Techniques V 2 (1-3) to 3 (2-3) Application and use of research techniques and tools in physiology of exercise.	--N/A--	1-12
ExSci	590	Drop	Experiments V 2-12 May be repeated for credit; cumulative maximum 12 hours. By interview only. Opportunity in an educational, industrial, municipal or private sports or recreational setting; direct participation in tasks,	--N/A--	1-12

			research and reporting activities. S, F grading.		
ExSci	596	Drop	Seminar V 1-2 May be repeated for credit.	--N/A--	1-12
ExSci	600	Drop	Special Projects or Independent Study V 1 (0-3) to 18 (0-54) May be repeated for credit. S, F grading.	--N/A--	1-12
ExSci	700	Drop	Master's Research, Thesis, and/or Examination V 1 (0-3) to 18 (0-54) May be repeated for credit. S, F grading.	--N/A--	1-12
ExSci	702	Drop	Master's Special Problems, Directed Study, and/or Examination V 1 (0-3) to 18 (0-54) May be repeated for credit. S, F grading.	--N/A--	1-12
Fin	595	Drop	Advanced Topics in Resource and Production Economics V 1-6 May be repeated for credit; cumulative maximum 12 hours. Prereq EconS 500; EconS 501. Same as EconS 595.	--N/A--	8-11
H D	410	Revise	[M] Public Policy Issues Impacting Families and Individuals 3 Prereq 9 hours of social sciences; junior standing; strongly rec H D 310 and H D 420. Family policy issues in a changing society; ecological perspective; relationship of public policy to communities, organizations, families, and individuals.	[M] Public Policy Issues Impacting Families and Individuals 3 <u>Rec strongly H D 310.</u> Family policy issues in a changing society; ecological perspective; relationship of public policy to communities, organizations, families, and individuals.	1-12
HORT	310	Revise	Pomology 3 Prereq biological or plant science course. History, botany, cultivation and uses of temperate-zone tree fruits. Cooperative course taught by WSU, open to UI students (PLSC 310).	Pomology 3 Prereq biological or plant science course. <u>Botany, history, production, and uses of temperate-zone tree and small fruit crops.</u> Cooperative course taught by WSU, open to UI students (PLSC 310).	1-12
HORT	313	Revise	Viticulture and Small Fruits 3 Prereq biological science, botany, plant science course, or Hort/CropS 202. Botanical relationships, plant characteristics, fruiting habits,	Viticulture 3 <u>Course Prerequisite: BIOLOGY 106, BIOLOGY 107, BIOLOGY 120, or HORT 202.</u> Botanical relationships, plant characteristics, fruiting habits,	8-12

			location, culture, marketing, and utilization of grapes, berries, and other small or bush fruits . Field trip required. Cooperative course taught by WSU, open to UI students (PLSC 313).	location, culture, marketing, and utilization of grapes. Field trip required. (Crosslisted course offered as HORT 313, VIT ENOL 313). [Cooperative course taught by WSU, open to UI students (PLSC 313).]	
Hort	320	Revise	Olericulture 3 Prereq Hort 202. Rec plant science course or Soils 201. Science, business, and art of vegetable crop production: culture, fertility, growth, physiology, handling, marketing; garden, commercial, greenhouse, tropical, specialty vegetables. Cooperative course taught by WSU, open to UI students (PLSC 320).	Olericulture 3 Prereq Hort 202. Rec plant science course or Soils 201. Science, business, and art of vegetable crop production: culture, fertility, growth, physiology, handling, marketing; garden, commercial, greenhouse, tropical, specialty vegetables. Cooperative course taught by WSU, open to UI students (PLSC 451).	1-12
HORT	421	Revise	[M]Fruit Crops Management 3 Prereq woody horticultural crop production, a plant physiology course. Management strategies for the efficient production and marketing of temperate-zone fruit crops. Credit not granted for both Hort 421 and 521.	Fruit Crops Management 3 Prereq biological or plant science course. <u>Current research and management strategies for production and quality of temperate-zone fruit crops.</u> Credit not granted for both Hort 421 and 521.	1-12
Hort	425	Revise	[T,M] Future World Trends and Horticultural Impact 3 Prereq junior standing. Scientific, business, government, and popular information used to explore world trends; evaluate information; investigate impact of major trends in horticulture.	[T,M] Future World Trends and Horticultural Impact 3 Prereq junior standing. <u>Critical examination of current impacts and future trends in horticulture.</u>	1-12
Hort	513	Revise	Advanced Viticulture 3 Prereq Biol 120; Hort 313; Chem 345; Soils 201; Biol 320. Rec Stats 212 or 412. Graduate-level counterpart of Hort 413; additional requirements. Credit not granted for both Hort 413 and 513. Cooperative course taught by WSU, open to UI students (PLSC 517).	Advanced Viticulture 3 Graduate-level counterpart of Hort 413; additional requirements. Credit not granted for both Hort 413 and 513. Cooperative course taught by WSU, open to UI students (PLSC 519).	1-12
Hort	521	Revise	Fruit Crops Management 3 Prereq woody horticultural crop production, a plant physiology course. Graduate-level counterpart	Fruit Crops Management 3 Graduate-level counterpart of HORT 421; additional requirements. Credit not granted	1-12

			of Hort 421; additional requirements. Credit not granted for both Hort 421 and 521.	for both Hort 421 and 521.	
M E	116	Revise	Engineering Computer-aided Design and Visualization 2 (0-6) 3-D solid modeling, parts, engineering drawings and assemblies; geometric dimensioning and tolerancing, 3-D visualization, computational analysis of parts and assemblies.	Engineering Computer-aided Design and Visualization 2 (0-6) Prereq Math 171 or c//. <u>Introduction to 3-D solid modeling, parts, drawings, assemblies, multi-body parts, sketch editing, sheet metal, weldments, surface and mold tools.</u>	1-12
M E	216	Revise	Integrated CAD Design 2 (0-6) Prereq M E 116. CAD applications in engineering design and analysis.	Integrated CAD Design 2 (0-6) Prereq M E 116. <u>CAD based analysis for engineering design, the application of motion, FEA and CFD, CAD simulations to the engineering design process.</u>	1-12
M E	310	Revise	Manufacturing Processes 3 (2-3) Prereq MSE 201, major in engineering. Manufacturing processes, material fabrication, and nontraditional processing; manufacturing processes laboratory in machining, joining, forming; manufacturing project.	Manufacturing Processes 2 Prereq MSE 201, major in engineering. Manufacturing processes, material fabrication, and nontraditional processing; manufacturing processes laboratory in machining, joining, forming; manufacturing project.	1-12
M E	313	Revise	Engineering Analysis 3 (2-3) Prereq Math 315; computer science programming. Analysis and modeling of engineering problems utilizing numerical and mathematical techniques and computers. Cooperative course taught jointly by WSU and UI (ME 380).	Engineering Analysis 3 (2-3) Prereq MATH 315 or concurrent enrollment; CE 215; EE 221, CPT S 121 or CPT S 251. Analysis and modeling of engineering problems utilizing numerical and mathematical techniques and computers.	1-12
MBIOS	304	Revise	[M] Introductory Biochemistry Laboratory 3 (1-6) Prereq MBioS 303 or c//. Basic biochemical techniques.	Microbiology and Molecular Biology Laboratory 3 (1-6) Prereq MBIOS 303 or c//; <u>MBIOS 305 or c//.</u> Basic microbiology and molecular biology techniques.	8-12
MBIOS	402	Revise	[M] General Genetics Laboratory 3 (1-6) Prereq MBioS 301. Basic principles of modern and classical genetics utilizing several species.	[M] Genetics Laboratory 3 (1-6) Prereq MBIOS 301; <u>MBIOS 304.</u> Basic principles of modern and classical genetics utilizing several species.	8-12

MBIOS	404	Revise	Molecular Genetics 3 Prereq MBioS 301; MBioS 305 or c//; MBioS 303. Introduction of prokaryotic and eukaryotic genome organization and gene expression, modern molecular techniques, experimental approaches, genome and gene function and analyses.	Molecular Biology 3 Prereq MBIOS 301; MBIOS 303; MBIOS 305 or c//. Introduction of prokaryotic and eukaryotic genome organization and gene expression, modern molecular techniques, experimental approaches, genome and gene function and analyses.	8-12
MBIOS	454	Revise	[M] Techniques in Molecular Biology 3 (1-6) Prereq MBioS 301, 305 and 306, or 303. Basic principles and techniques of gene manipulation.	[M] Biochemistry Laboratory 3 (1-6) Prereq MBIOS 303; MBIOS 304. <u>Techniques related to the structural and functional analysis of macromolecules including proteins, lipids and carbohydrates.</u>	8-12
MBIOS	503	Revise	Molecular Biology I 3 Prereq MBioS 301, 303, or graduate standing. DNA replication and recombination in prokaryotes and eukaryotes; recombinant DNA methods and host/vector systems; genome analysis; transgenic organisms.	Advanced Molecular Biology I 3 DNA replication and recombination in prokaryotes and eukaryotes; recombinant DNA methods and host/vector systems; genome analysis; transgenic organisms.	8-12
MBIOS	504	Revise	Molecular Biology II 3 Prereq MBioS 301, 303, or graduate standing. Gene expression and regulation in prokaryotes and eukaryotes, including transcription, RNA processing, and translation; chromatin structure; DNA repair.	Advanced Molecular Biology II 3 Gene expression and regulation in prokaryotes and eukaryotes, including transcription, RNA processing, and translation; chromatin structure; DNA repair.	8-12
Mktg	507	Revise	Consumer Behavior 3 Prereq admission to Online MBA Program. Marketing structure and behavior from economic and behavioral perspectives; social evaluation and behavioral implications of marketing strategy.	Consumer Behavior 3 Prereq admission to <u>the</u> MBA Program. Marketing structure and behavior from economic and behavioral perspectives; social evaluation and behavioral implications of marketing strategy.	1-12
Mktg	577	Revise	Promotional Management 3 Prereq admission to Online MBA Program. Integrated promotion into the marketing plan; methods, organization, communications, media selection, and campaigns.	Promotional Management 3 Prereq admission to <u>the</u> MBA Program. Integrated promotion into the marketing plan; methods, organization, communications, media selection, and campaigns.	1-12
NEP	473	Drop	Nutrition in the Community 2 Prereq completion of all nutrition	--N/A--	1-12

			and exercise physiology requirements through the 4th year. Public health nutrition including assessment of communities, problem list development, program planning and an overview of existing programs and services.		
NEUROSCI	301	Revise	Exploring the Brain 3 Rec Chem 101 or higher and Biol 107 or c//. Structure and function of the nervous system from single neurons to behavior. Credit not granted for both Neuro 301 and 302.	<u>Foundations of Neuroscience</u> 3 Course Prerequisite: CHEM 106; BIOLOGY 107; PHYSICS 101, 201, or 205. Structure and function of the nervous system from single neurons to behavior. Credit not granted for both NEUROSCI 301 and 302.	8-12
NEUROSCI	302	Revise	Exploring the Brain - Honors 3 Prereq Chem 106, Biol 107 and Phys 101 with a grade of B or higher. Basic concepts, analysis and discussion of the experimental foundations for understanding nervous system function. Credit not granted for both Neuro 301 and 302.	<u>Foundations of Neuroscience - Honors</u> 3 Course Prerequisite: CHEM 106; BIOLOGY 107; PHYSICS 101 with a B or better, PHYSICS 201 with a B or better, or PHYSICS 205 with a B or better. Basic concepts, analysis and discussion of the experimental foundations for understanding nervous system function. Credit not granted for both NEUROSCI 301 and 302.	8-12
NEUROSCI	425	Revise	Special Topics in Neural Regulation of Physiological Systems 3 Prereq Neuro 301, Psych 372. Neural regulation of systems physiology examined at the system, cellular, and molecular levels.	<u>Integrated Physiology</u> 3 Course Prerequisite: NEUROSCI 301, 302, PSYCH 372, MBIOS 301, or MBIOS 303. Neural regulation of systems physiology examined at the system, cellular, and molecular levels.	5-12

PHARMACY	567	Revise	Inter-professional Health Care 3 Prereq third year PharD student. Interdisciplinary students (pharmacy, nursing, medicine) working and learning together using patient cases. S, F grading.	<u>Interprofessional Patient Care and Public Health Care</u> 3 Course Prerequisite: PHARMACY 541; PHARMACY 543; PHARMACY 544; PHARMACY 545; PHARMACY 546; PHARDSCI 542. Interdisciplinary students (pharmacy, nursing, medicine) working and learning together using patient cases. S, F grading.	8-12
PhrSc	504	Revise	(PharD) Pharmacy Calculations 1 (0-3) Prereq admission to PharD program. The mathematics of prescription preparation and dispensing. S, F grading.	(PharD) Pharmacy Calculations 1 (0-2) Prereq admission to PharD program. The mathematics of prescription preparation and dispensing. S, F grading.	1-12
Psych	445	Revise	Undergraduate Practicum V 1 (0-3) to 3 (0-9) May be repeated for credit; cumulative maximum 6 hours. Prereq 6 hours Psych; junior standing. Supervised experience in local and county agencies; application of psychological principles to paraprofessional counseling . S, F grading.	Undergraduate Practicum V 1 (0-3) to 3 (0-9) May be repeated for credit; cumulative maximum 6 hours. Prereq 6 hours Psych; junior standing. Supervised experience in local and county agencies; application of psychological principles to <u>a variety of professional work settings</u> . S, F grading.	1-12
Psych	511	Revise	Analysis of Variance and Experimental Design-4 Prereq Psych 311 or statistics course. Parametric, nonparametric, repeated-measures, and multivariate ANOVA; planned comparisons; confidence intervals and power analysis; experimental design and variants.	Analysis of Variance and Experimental Design 3 Prereq Psych 311 or statistics course. Parametric, nonparametric, repeated-measures, and multivariate ANOVA; planned comparisons; confidence intervals and power analysis; experimental design and variants.	1-12
Psych	535	Revise	Clinical Assessment and Diagnosis 3 Diagnostic interviewing, conceptualization of clinical problems, case presentations, and treatment planning.	<u>Personality Assessment and Diagnosis</u> 3 Diagnostic interviewing, conceptualization of clinical problems, case presentations, and treatment planning.	1-12
Psych	539	Revise	Measurement Theory, Intellectual and Personality Assessment 3 Prereq by interview only. Psychometric theory, theories of intelligence, methods of	<u>Intellectual and Neuropsychological Assessment</u> 3 Prereq by interview only. Psychometric theory, theories of intelligence, methods of	1-12

			appraising intelligence in children and adults, and development of testing and interpretive skills.	appraising intelligence in children and adults, and development of testing and interpretive skills.	
Psych	545	Revise	Psychology Clinic Adult Therapy Practicum 3 (0-9) May be repeated for credit; cumulative maximum 18 hours. Prereq by interview only. Supervised practice in the clinical application of psychology with adults in the Psychology Clinic. S, F grading.	Psychology Clinic <u>Assessment and Psychotherapy Practicum</u> 3 (0-9) May be repeated for credit; cumulative maximum 18 hours. Prereq by interview only. Supervised practice in the clinical application of psychology with adults in the Psychology Clinic. S, F grading.	1-12
Psych	574	Revise	Physiological Psychology 3 Neuroanatomical, neurochemical, and other biological cases of human and animal behavior. Cooperative course taught by WSU, open to UI students (PSYC 565).	<u>Behavioral and Clinical Neuroscience</u> 3 Neuroanatomical, neurochemical, and other biological cases of human and animal behavior. Cooperative course taught by WSU, open to UI students (PSYC 565).	1-12
Soils	442	Revise	Soil Analytical Methods 2 (1-3) Prereq Soils 421, 441. Laboratory exercises and methodology for characterization of soil fertility and chemistry including CEC, acidity, carbon, nitrogen, and plant nutrients.	Soil <u>Fertility Laboratory</u> 2 (1-3) Prereq Soils 441 or c//. Rec Chem 220. Laboratory exercises and methodology for characterization of soil fertility and chemistry including CEC, acidity, carbon, nitrogen, and plant nutrients.	1-12
UCOLL	100	Revise	College Majors and Career Choice 1 Career development and the decision-making process; exploration of academic majors and careers. Credit not granted for UColl 100 and 101.	College Majors and Career <u>Exploration</u> 1 Exploration of academic majors and careers, career development, and the decision-making process. Credit not granted for both UCOLL 100 and 101.	1-12
VIT ENOL	313	Revise	Viticulture and Small Fruits 3 Prereq biological science, botany, plant science course, or Hort 202. Same as Hort 313. Cooperative course taught by WSU, open to UI students (PLSC 313).	Viticulture 3 Course Prerequisite: BIOLOGY 106, BIOLOGY 107, BIOLOGY 120, or HORT 202. <u>Botanical relationships, plant characteristics, fruiting habits, location, culture, marketing, and utilization of grapes. Field trip required.</u> (Crosslisted course offered as HORT 313, VIT ENOL 313). [Cooperative course taught by WSU, open to UI students (PLSC 313).]	8-12
V M	517	Revise	Applied Anatomy of Small	<u>Small Animal Applied Anatomy</u>	1-12

			Animals 2 (1-3) Prereq V M 512P. Applied anatomy of small animals including surgical anatomy. S, M, F grading.	<u>and Surgical Techniques</u> 2 (1-3) Prereq V M 512P. Applied anatomy of small animals including surgical anatomy. S, M, F grading.	
V M	518	Revise	Applied Anatomy of Large Animals 2 (1-3) Prereq V M 512P. Applied anatomy of large animals including surgical anatomy. S, M, F grading.	<u>Large Animals Applied Anatomy and Surgical Techniques</u> 2 (1-3) Prereq V M 512P. Applied anatomy of large animals including surgical anatomy. S, M, F grading.	1-12
V M	553	Revise	Surgery I 3 Prereq veterinary medicine student. Principles of surgical techniques and small animal surgery. S, M, F grading.	<u>Small Animal Surgery</u> 3 Prereq veterinary medicine student. Principles of surgical techniques and small animal surgery. S, M, F grading.	1-12
V M	554	Revise	Surgery Laboratory I 1 (0-3) Prereq c// in V M 553P. Surgical exercises using small animals. S, M, F grading.	<u>Small Animal Surgery Lab</u> 1 (0-3) Prereq c// in V M 553P. Surgical exercises using small animals. S, M, F grading.	1-12
V M	572	Revise	Surgery II 2 Prereq V M 553P; veterinary medicine student. Large animal surgical techniques. S, M, F grading.	<u>Large Animal Surgery</u> 2 Prereq V M 553P; veterinary medicine student. Large animal surgical techniques. S, M, F grading.	1-12
V M	615	Revise	Small Animal Medicine - Specialty Practice Elective V 1 (0-3) to 4 (0-12) May be repeated for credit; cumulative maximum 8 hours. Prereq veterinary medicine student. Elective clinical experience in a specialty practice area of small animal clinical medicine or surgery. S, M, F grading.	<u>Small Animal Medicine - Special Topics</u> V 1 (0-3) to 4 (0-12) May be repeated for credit; cumulative maximum 8 hours. Prereq veterinary medicine student. Elective clinical experience in a specialty practice area of small animal clinical medicine or surgery. S, M, F grading.	1-12
V M	632	Revise	Large Animal Theriogenology V 1 (0-3) to 4 (0-12) May be repeated for credit; cumulative maximum 8 hours. Prereq veterinary medicine student. Elective clinical theriogenology subjects in large animals. S, M, F grading.	<u>Large Animal Theriogenology Special Topics</u> V 1 (0-3) to 4 (0-12) May be repeated for credit; cumulative maximum 8 hours. Prereq veterinary medicine student. Elective clinical theriogenology subjects in large animals. S, M, F grading.	1-12
V M	633	Revise	Agricultural Animal Medicine/Surgery V 1 (0-3) to 4 (0-12) May be repeated for credit;	<u>Agricultural Animal Special Topics</u> V 1 (0-3) to 4 (0-12) May be repeated for credit; cumulative	1-12

			cumulative maximum 8 hours. Prereq veterinary medicine student. Elective clinical subjects in food animal diseases and herd health/preventive medicine. S, M, F grading.	maximum 8 hours. Prereq veterinary medicine student. Elective clinical subjects in food animal diseases and herd health/preventive medicine. S, M, F grading.	
V M	699	Revise	Advanced Clinical Elective-V 1 (0-3) to 4 (0-12) May be repeated for credit; cumulative maximum 8 hours. Prereq veterinary medicine student. Advanced clinical subjects developed as courses for fourth year veterinary students. S, M, F grading.	Advanced Clinical <u>Special Topics</u> V 1 (0-3) to 4 (0-12) May be repeated for credit; cumulative maximum 8 hours. Prereq veterinary medicine student. Advanced clinical subjects developed as courses for fourth year veterinary students. S, M, F grading.	1-12