

Secondary Teaching Fields

Approved 10/05 Updated 3/07	
ART (EDART)	
(Grade of "C" or better in all required Art classes):	
ART 100 2-Dimensional Design	3
ART 190 Drawing I	3
ART 195 Survey of Art History I	3
ART 196 Survey of Art History II	3
ART 200 3-Dimensional Design	3
ART 210 Drawing II	3
ART 220 Water Media I	3
ART 245 Intro to Oil Painting	3
ART 265 Ceramics I	3
ART 270 Metalsmith & Jewelry	3
ART 295 Photography in Art I	3
ART 376 Studio Art Exploration	3
ART 425 Art for Elem Schools	3
ART 545 20th Century Art Hist I	3
ART 690 Techniques in Tchg Art	2
3 Additional art studio hours that build on prior course experience in that area	
ART	3
Required: Student teaching in both elementary and secondary schools.	
Required: Student must participate in an Art portfolio review after Art 200 & 210.	
Subject Assessment Test Required: #0133 Art: Content Knowledge Passing Score: 156	

Approved 4/03 Updated 3/07	
CHEMISTRY (EDCHM)	
Required:	
CHM 210 Chemistry I	4
CHM 230 Chemistry II	4
CHM 350 Gen. Organ. Chem.	3
CHM 351 Gen. Org. Chem. Lab	2
CHM 371 Chemical Analysis	4
CHM 500 Gen. Phys. Chem.	3
Supporting courses required:	
BIOCH 521 Gen Biochemistry	3
BIOCH 522 Gen Biochem Lab	2
BIOL 198 Principles of Biology	4
GEO 100 Earth in Action	3
GEO 103 Geology Lab	1
MATH 220 Anal. Geo. & Cal. I	4
MATH 221 Anal. Geo. & Cal. II	4
PHYS 113 General Physics I	4
PHYS 114 General Physics II	4
PHYS 191 Descrip. Astronomy	3
STAT 325 Intro. to Statistics	3
EDSEC 614 Lab Tech Teach. Sci.	3
Subject Assessment Test Required: #0245 Chemistry: Content Knowledge Passing Score: 152	

Approved 4/03 Updated 10/07	
BIOLOGICAL SCIENCE (EDBSC)	
Required:	
BIOL 198 Principles of Biology	4
BIOL 201 Organismic Biology	5
BIOL 330 Public Health Biology	3
BIOL 450 Modern Genetics	4
OR	
ASI 500 Genetics	3
BIOL 455 General Microbiology	4
BIOL 303 Ecology of Environ. Prob.	3
OR	
BIOL 529 Fundamentals of Ecology	3
BIOL 541 Cell Biology	3
6-7 hrs. Approved electives at the 300 level or higher from the Dept. of Biology or related life sciences (e.g, Entomology, Horticulture, Plant Pathology, etc.):	
Chemistry Courses Required:	
CHM 210 Chemistry I	4
CHM 230 Chemistry II	4
CHM 350 Gen. Organic Chemistry	3
CHM 351 Gen. Org. Chemistry Lab	2
Other Required Courses:	
GEO 103 Geology Laboratory	1
GEO 512 Earth Science	3
PHYS 115 Descriptive Physics	5
PHYS 191 Descrip. Astronomy	3
MATH 100 College Algebra	3
MATH 150 Plane Trigonometry	3
STAT 325 Intro. to Statistics	3
EDSEC 614 Lab Tech. Teach Sci	3
Subject Assessment Test Required: #0235 Biology: Content Knowledge Passing Score: 150	

Approved 4/03 Updated 4/11	
BUSINESS (EDBUS)	
ACCTG 231 Accounting for Bus Ops	3
ACCTG 241 Accounting for Investing and Finance	3
FINAN 450 Principles of Finance	3
MANGT 390 Business Law I	3
MANGT 420 Management Concepts	3
MANGT 440 Entrepreneurship	3
MKTG 400 Marketing	3
MKTG 450 Consumer Behavior	3
MKTG 542 Professional Selling and Sales Management	3
OR	
COMM 311 Business and Professional Speaking	3
EDSEC 315 Admin Data Applications	3
EDSEC 415 Admin Sup Serv & Tech	1
EDSEC 471 Office Systems & Proc	3
EDSEC 620 Prin & Phil of Career & Technical Education	3
EDSEC 621 Program Planning in Career & Tech Ed	3
EDCI 737 Practicum-Business and Office Occupations	1
EDCI 718 Learning Technologies	3
Supporting Courses:	
FSHS 105 Intro. to Personal and Family Finance	3
OR	
FSHS 400 Family and Consumer Economics	3
ECON 110 Principles of Macroecon	3
ECON 120 Principles of Microecon	3
CIS 111 Fundamentals of Computer Programming	3
Subject Assessment Test Required: #0101 Business Education Passing Score: 150	

Approved 6/04 Updated 2/11		
EARTH SCIENCE (EDESC)		
Required:		
GEOL 100 Earth in Action	3	
GEOL 102 Earth Through Time	3	
GEOL 103 Geology Laboratory	1	
GEOL 105 Oceanography	3	
GEOL 502 Mineralogy	3	
GEOL 510 Geology of Planets		
OR	3	
GEOL 540 Ice Ages & Env. Change		
OR	3	
GEOL 520 Geomorphology		
OR		
GEOL 630 Stratigraphy-Sediment.		
Supporting courses required:		
BIOL 198 Principles of Biology	4	
BIOL 303 Ecology Env. Prob.	3	
CHM 210 Chemistry I	4	
CHM 230 Chemistry II	4	
GEOG 221 Intro. Physical Geography	4	
GEOG 535 Fund. of Climatology	3	
MATH 100 College Algebra	3	
MATH 150 Plane Trigonometry	3	
PHYS 113 General Physics I	4	
PHYS 114 General Physics II	4	
PHYS 191 Descriptive Astronomy	3	
STAT 325 Introduction to Statistics	3	
EDSEC 614 Lab Tech Sec. Tch.	3	
Subject Assessment Test Required:		
#0571 Earth Science: Content Knowledge		
Passing Score: 150		

Approved 5/01 Updated 4/05		
ENGLISH (EDENG)		
3 of the following 4:		
ENGL 361 Brit. Survey I	3	
ENGL 362 Brit. Survey II	3	
ENGL 381 Amer. Survey I	3	
ENGL 382 Amer. Survey II	3	
Required:		
ENGL --- World Lit. Course	3	
ENGL 310 Intro. to Lit. Studies	3	
ENGL 350 Intro. to Shakespeare	3	
ENGL 400 Advanced Exp. Writing for Prosp. Teachers	3	
ENGL 435 Linguistics for Tchrs.	3	
ENGL 545 Lit. for Adolescents	3	
English Elective 320 or above:		
ENGL	3	
Literature electives 600 or above:		
ENGL	3	
ENGL	3	
Composition Elective:		
ENGL	3	
Subject Assessment Test Required:		
#0041 English Language, Literature, and Composition: Content Knowledge		
Passing Score: 165		

Approved 2/10 Updated 10/09		
English/Journalism (EDENJ)		
1 of the following 2:		
ENGL 361 Brit. Survey I	3	
ENGL 362 Brit. Survey II	3	
1 of the following 2:		
ENGL 381 Amer. Survey I	3	
ENGL 382 Amer. Survey II	3	
Required:		
ENGL --- World Lit. Course	3	
ENGL 310 Intro. to Lit. Studies	3	
ENGL 350 Intro. to Shakespeare	3	
ENGL 400 Expository Writing for Teachers	3	
ENGL 435 Linguistics Tchrs/Enl	3	
ENGL 545 Lit. for Adolescents	3	
MC 110 Mass. Comm. in Society	3	
MC 200 News & Feature Writing	3	
MC 241 Editing & Design	3	
MC 251 Digital News	3	
MC 331 Digital Photography for Mass Media	3	
MC 406 Advanced Digital News	3	
MC 466 Law of Mass Comm.	3	
MC 605 Supervision of School Publ.	3	
Subject Assessment Test Required:		
#0041 English Language, Literature, and Composition: Content Knowledge		
Passing Score: 165		
(No test for Journalism is required.)		

Approved 2/10 Updated 10/10		
JOURNALISM (EDJOR)		
Required:		
MC 110 Mass Comm. in Society	3	
MC 200 News & Feature Writing	3	
MC 241 Editing	3	
MC 251 Digital News	3	
MC 331 Digital Photography for the Mass Media	3	
MC 406 Advanced Digital News	3	
MC 466 Law of Mass Comm.	3	
MC 605 Supervision of School Publications	3	
Electives: 6 hours		
Recommended courses:		
MC 120 Principles of Advertising	3	
MC 180 Fund. of Public Relations	3	
MC 303 Advanced News Writing	3	
MC 341 News & Design	3	
MC 411 Yearbook Editing & Mgmt	2	
MC 456 Advertising Techniques	3	
MC 471 Audio/Video Production	3	
MC 564 History of Journalism	3	
MC 573 Ethics in Mass Comm.	3	
MC 580 Convergence Reporting	3	
General Education Elective		
	3	
No Content Assessment Test Required.		

Approved 10/96 Updated 3/07		
MATHEMATICS (EDMTH)		
Required:		
MATH 220 Anal. Geo. & Calc I	4	
MATH 221 Anal. Geo. & Calc II	4	
MATH 222 Anal. Geo. & Calc III	4	
MATH 240 Elem. Diff. Equations	4	
MATH 312 Finite App. Math	3	
MATH 511 Intro. to Alg. Systems	3	
MATH 570 History of Math	3	
MATH 572 Found. of Geometry	3	
6 hrs. approved Math courses numbered 400-799.		
The following are recommended:		
MATH 510 Discrete Mathematics	3	
MATH 520 Found. of Analysis	3	
MATH 551 Applied Matrix Theory	3	
MATH 591 Topics Sec. Sch. Tch	3	
Supporting courses required:		
STAT 325 Intro. to Statistics		
OR	3	
STAT 510 Intro. Prob. & Stats. I		
CIS 111 Fundamentals of Prog.	3	
It is recommended that a course in Physics be included as part of general education.		
Subject Assessment Test Required:		
#0061 Mathematics: Content Knowledge		
Passing Score: 137		

CHINESE		Approved 9/10 Updated 2/11
MODERN LANGUAGES (EDMLA)		
Required:		
CHINE 101 Chinese I	4	
CHINE 102 Chinese II	4	
CHINE 201 Chinese III	5	
CHINE 202 Chinese IV	5	
CHINE 501 Chinese V	4	
CHINE 502 Chinese VI	4	
CHINE 599 Special Studies in Chinese Literature	3	
EDEL 620 Foreign Lang. Elem. School Methods	3	
EDEL 621 Foreign Lang. Elem. School Practicum	1	
6 hours of electives required at 500 level or above:		
Suggested:		
HIST 504 Intellectual History of Early China	3	
HIST 507 China Since 1644	3	
HIST 508 Introduction of Modern East Asia	3	
POLSC 511 Contemporary Chinese Politics	3	
Oral Proficiency Interview at Advanced Level or Higher Required Prior to Block II or EDEL 620/621		
No Content Assessment Test Required.		

FRENCH		Approved 3/03 Updated 8/10
MODERN LANGUAGES (EDMLA)		
Required:		
FREN 211 French III	5	
FREN 213 French IV	4	
FREN 215 Elem. French Conv.	2	
FREN 509 French Phonetics	1	
FREN 513 Fr. Comp. & Grammar	3	
FREN 514 Contemporary France	3	
FREN 520 Intro. to Fr. Literature I	3	
FREN 521 Intro to Fr. Literature II	3	
FREN 719 Adv. Spoken & Written	3	
EDEL 620 Foreign Lang. Elem. School Methods	3	
EDEL 621 Foreign Lang. Elem. School Practicum	1	
3 hours of electives required at 500 level or above:		
Suggested:		
FREN 742 Literature for Second Language Acquisition	3	
Oral Proficiency Interview at Advanced Level or Higher Required Prior to Block II or EDEL 620/621		
Subject Assessment Test Required: #5174 World Language: French Passing Score: 159		

GERMAN		Approved 3/03 Updated 8/10
MODERN LANGUAGES (EDMLA)		
Required:		
GRMN 221 German III	5	
GRMN 223 German IV	4	
GRMN 224 German Conv. IV	2	
GRMN 521 German Literature & Culture in 18 th & 19 th Century	3	
GRMN 522 German Literature & Culture in 20 th & 21 st Century	3	
GRMN 530 German Cultural Studies and History	3	
GRMN 731 Advanced German Speaking and Writing	3	
EDEL 620 Foreign Lang. Elem. School Methods	3	
EDEL 621 Foreign Lang. Elem. School Practicum	1	
9 hours required at 500 level & above:		
Suggested:		
GRMN 527 Adv. German Conv.	3	
GRMN	3	
GRMN	3	
Oral Proficiency Interview at Advanced Level or Higher Required Prior to Block II or EDEL 620/621		
Subject Assessment Test Required: #5183 World Language: German Passing Score: 160		

JAPANESE		Approved 9/10 Updated 2/11
MODERN LANGUAGES (EDMLA)		
Required:		
JAPAN 191 Japanese I	4	
JAPAN 192 Japanese II	4	
JAPAN 291 Japanese III	5	
JAPAN 292 Japanese IV	5	
JAPAN 391 Culture of Japanese Communication	3	
JAPAN 591 Japanese V	4	
JAPAN 592 Japanese VI	4	
JAPAN 599 Special Studies in Japanese	3	
EDEL 620 Foreign Lang. Elem. School Methods	3	
EDEL 621 Foreign Lang. Elem. School Practicum	1	
3 hours of electives required at 500 level or above:		
Suggested:		
HIST 508 Introduction of Modern East Asia	3	
HIST 509 Japan Since 1550	3	
Oral Proficiency Interview at Advanced Level or Higher Required Prior to Block II or EDEL 620/621		
No Content Assessment Test Required.		

SPANISH		Approved 3/03 Updated 8/10
MODERN LANGUAGES (EDMLA)		
Required:		
SPAN 261 Spanish III	5	
SPAN 361 Spanish IV	4	
SPAN 410 Span. Comp. & Gram.	3	
SPAN 420 Adv. Spanish Conv.	3	
SPAN 565 Spanish Civilization	3	
OR		
SPAN 566 Hispanic-Amer. Civ.	3	
SPAN 567 Literature of Spain	3	
SPAN 568 Lit. Spanish American	3	
SPAN 670 Spanish Applied Linguistics	3	
EDEL 620 Foreign Lang. Elem. School Methods	3	
EDEL 621 Foreign Lang. Elem. School Practicum	1	
3 hours of electives required at 500 level or above:		
Suggested:		
SPAN 777 Cult/Lit/2 nd Lang Lrng	3	
Oral Proficiency Interview at Advanced Level or Higher Required Prior to Block II or EDEL 620/621		
Subject Assessment Test Required: #5195 World Language: Spanish Passing Score: 165		

PHYSICS (EDPHY)		Approved 4/04 Updated 4/05
PHYSICS (EDPHY)		
PHYS 122 Physics Today I	1	
PHYS 123 Physics Today II	1	
PHYS 191 Descript. Astronomy	3	
PHYS 223 Phys. I: Mechanics & Thermodynamics	5	
PHYS 224 Phys. II Electro-Magnetism & Sound	5	
PHYS 325 Phys. III, Relativity and Quantum Physics	4	
PHYS 506 Adv Phys. Laboratory	3	
PHYS 522 Mechanics	4	
PHYS 532 Electromag. Fields	4	
Supporting Courses required:		
BIOL 198 Principles of Biology	4	
CHEM 210 Chemistry I	4	
CHEM 230 Chemistry II	4	
GEOL 103 Geology Lab	1	
GEOL 100 Earth in Action	3	
OR		
GEOL 512 Earth Science	3	
MATH 220 Anal. Geo. & Calc I	4	
MATH 221 Anal. Geo. & Calc II	4	
MATH 222 Anal. Geo. & Calc III	4	
MATH 240 Elem. Diff. Equations	4	
EDSEC 614 Lab Tech Sec. Tch.	3	
Subject Assessment Test Required: #0265 Physics: Content Knowledge Passing Score: 141		

Approved 10/11 Updated 2/12	
SOCIAL STUDIES (EDSST)	
I. CORE COURSES (Required grade of "C" or better in this section):	
HIST 111 World History I	3
HIST 112 World History II	3
HIST 251 History of U.S. to 1877	3
HIST 252 History of U.S. since 1877	3
HIST 558 History of Kansas	3
POLSC 110 Introduction to Political Sci.	3
POLSC 115 U.S. Politics	3
POLSC 135 Comparative Politics	3
GEOG 100 World Regional Geography	3
GEOG 200 Human Geography	3
GEOG 221 Intro. to Physical Geography	4
ECON 110 Principles of Macroeconomics	3
ECON 120 Principles of Microeconomics	3
SOCIO 211 Introduction to Sociology	3
ANTH 204 Cultural Anthropology	3
EDSEC 528 Soc. St. Colloquium (Must be taken concurrently with Block II)	3
II. HISTORY COURSES (must be 500-level courses):	
A. U.S. History (at least 3 cr.):	
HIST	
B. Non-U.S. History (at least 3 cr.):	
HIST	
III. UPPER-LEVEL SOC STUDIES (must include 9 cr.; one listed course from three of the following department):	
A. Political Science: 301, 321, 333, 525, 543, 603, 605, 614, 615, or 667	
POLSC	
B. Geography: 302, 310, 340, 460, 500, 508, 535, 620, 640, or 690	
GEOG	
C. Economics: 510, 520, 523, 530, 536, 555, or 681	
ECON	
D. Sociology: 360, 440, 450, 507, 511, 533, 535, 541, 545, 570, or 618	
SOCIO	
E. Anthropology: 260, 360, 503, 505, 507, 508, 511, 512, 515, 521, 524, 526, 533, 618, or 630	
ANTH	
Subject Assessment Test Required: #0081 Social Studies: Content Knowledge Passing Score: 158	

Approved 2/03 Updated 2/28/11	
SPEECH (EDSPH)	
Required:	
COMM 321 Public Speaking II	3
COMM 322 Interpersonal Comm.	3
COMM 325 Argument & Debate	3
COMM 326 Small Group Discussion Methods	3
COMM 330 Rhetoric in Western Thought	3
COMM 426 Coaching & Directing Speech Activities	3
THTRE 261 Fund. of Acting	3
THTRE 263 Oral Interpretation of Literature	3
THTRE 270 Intro. to Theatre	3
THTRE 368 Fundamentals of Technical Production	3
THTRE 370 Dramatic Structure	3
THTRE 565 Princ. of Directing	3
MC 110 Mass Comm. In Society	3
3 hours 500 level or above in Theatre:	
THTRE	3
Subject Assessment Test Required: #0221 Speech Communication Passing Score: 148	