WESTERN CONNECTICUT STATE UNIVERSITY

Elementary Education Program (K-6)
Academic Major - Mathematics
Student________________________________ Box__________

I. General Education Requirements (44 S.H. plus HPX)

Communication Skills (3 S.H.)

Course	Title	S.H.
*COM 160, 161, 162 or 163	__________________________	3______
*Has completed one Writing Intensive Course	Yes____ No____	

Humanities (15 S.H. minimum, including 3 of 7 fields: Foreign Language or Fine and Applied Arts – only 1 studio course Accepted toward minimum – Humanistic Studies, Literature, Philosophy, Western History, Communication)

Course	Title	S.H.
Fine/Applied Art or Foreign Language *(at least level 2 completed)*		3______
*ENG 105, 106, 107 or 208	________________________	3______
*HIS 148	American History: To 1877	3______
*HIS 149	American History: Since 1877	3______
_______	_________________________________	3______

Social & Behavioral Sciences (12 S.H. minimum)

Course	Title	S.H.
*ANT 100 or SOC 100	__________________________	3______
*GEO 100	Principles of World Geography	3______
*PSY 100	Introduction to Psychology	3______
_______	_______________________________	3______

Natural Sciences & Mathematics (15 S.H. minimum)

Course	Title	S.H.
*CS 143 or CS 170 or CS 140	__________________________	3-4______
*MAT 105	Foundations of Math. I	4______
*Lab. Sci.	___________________________________	4______
*Lab. Sci. .	_________________________________	4______

Health Promotion and Exercise Sciences (2 S.H.)

Course	Title	S.H.
HPX 177	Fitness for Life	2______

II. ACADEMIC MAJOR REQUIREMENTS (36 S.H.)

See Reverse Side for Major Requirements

III. Elementary Ed. Certification Requirements (41 S.H.)

Course	Title	S.H.
EPY 203	Child Development in School Setting** (Prereq. PSY 100)	3______
ED 206	Introduction to Education**	3______
HPX 215	Health Issues in the Schools**	3______

Professional Semester – Completed as 19 S.H. Block

Course	Title	S.H.
EPY 405	Intro to Special Education**(Prereq. EPY 203)	3______
ED 320	Professional Dev School Experience	1______
ED 415	Elementary School Science**	3______
ED 425	Elementary School Social Studies	3______
ED 210	Foundations of Literacy I**	3______
ED 301	Foundations of Literacy II**	3______
ED 430	Foundations of Literacy III**	3______

Student Teaching – Completed as 13 S.H. Block

Course	Title	S.H.
*ED/MED 340	Assessment of Teaching Strategies	1______
*ED 341	Student Teaching	12______

IV. Free Electives (2 S.H.)+

Course	Title	S.H.
_______	_________________________________	2______

+Minimum of 125 S.H. and a 3.0 GPA for B.S. degree
*A minimum grade of "C" is required in each of these courses.
**A minimum grade of "B" is required in each of these courses.

Office Admissions Evaluation of Transfer Credit
Entering Date____________date/eve/full/part-time
Previous School (s)________________________

Number	Title	Credits

TOTAL TRANSFER CREDITS______________
6/27/06, 6/09, 6/25/09, 5/12 (Eff F 2012)

Elementary Education Program

Mathematics Major

Students must maintain a G.P.A. of 3.0. Grades from other institutions will be used to calculate the cumulative G.P.A. for admission to and retention in the education program. WCSU graduation requires a minimum 3.0 G.P.A. on WCSU course work.

Students in Elementary Education complete two majors—Elementary Education and an academic Arts & Sciences major. Students must meet all general education and professional education requirements listed on this program sheet, and must complete the academic major as noted below.

Formal admission to the Elementary Education Program by the Education Department is required. Student will earn a Bachelor of Science degree in Elementary Education. The second or Arts & Sciences major will also be noted on the official transcript. A minimum of 125 semester hours is required for a B.S. degree. Passing Praxis I (or a waiver) is required before admittance to the Elementary Education Program will be granted. Although not a requirement for graduation, passing scores on the appropriate Praxis II exam(s) are necessary for program completion and subsequent recommendation for certification.

Elementary Education Program
Academic Major - Mathematics

II. Mathematics Major Requirements (36 Semester Hours)

MAT 150	Math Seminar I	.5_____
MAT 151	Math Seminar II	.5_____
MAT 181	Calculus I (or MAT 171**)	4_____
MAT 182	Calculus II	4_____
MAT 120	Elementary Statistics	3_____
MAT 242	Found. Of Geometry	3_____
MAT 272	Introduction to Linear Algebra	3_____
MAT 342	Topics in Geometry	3_____
Exactly one of:		
MAT 250	Mathematical Modeling	
MAT 251	Posing & Solving Problems in Math	
MAT 363	History of Mathematics	3_____

Four Mathematics Electives from list below

Electives

MAT___	_____	3_____
MAT___	_____	3_____
MAT___	_____	3_____
MAT___	_____	3_____

Mat	165	251	351	382	400
	211	281	356	410	432
	212	282	358	411	481
	220	298*	363	416	482
	250	299*	381	431	

*The credits for this course may be applied to the major only if the department has approved it for major credit.
**MAT 171 assumes student also took MAT 170.

Office Admissions Evaluation of Transfer Credit
Entering Date_____day/eve/full/part-time
Previous School (s)_____
_____

Number	Title	Credits
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

TOTAL TRANSFER CREDIT_____

6/26/06, 6/27/06, 6/09, 6/25/09, 5/12 (Eff F 2012)