

Macomb Coursework – Before Transfer:

General Education & Competency Requirements	25-53 Hrs
ENGL 1180 and ENGL 1190 or ENGL 1210 and ENGL 1220	6-8
Select one course:* ITCS 1010, 1130, 1230, 1400, 2360, 2370, 2530, 2550, 2590*; ITWP 1000	0-4
Select one course:* PHIL 2200; SPCH 2500	0-3
Select one:* MATH 1410 & 1430 or MATH 1460	0-7
SPCH 1060*	0-3
Select one course: FREN; GRMN; ITAL; SPAN 2360 or INTL 2000, 2010, 2300, 2500	4
Select one course: HIST 1500, 1600, 1700, 2000, 2420, 2520	3-4
Mathematics Track—select one course. Science Track—requirement met by courses in the major. BIOL 1000^; NATS 1200^, NATS 1310^; ENVS 1050	0-4
Select one course: ENGL 1730, 2600, 2610, 2710, 2720, 2730, 2800, 2810, 2850; HUMN 1700, 1750, 2000; PHIL 2010, 2100	3
Mathematics Track—select one course. Science Track—requirement met by courses in the major. ASTR 1030 & 1040; CHEM 1050^, 1170^; GEOL 1140^; NATS 1210^; PHYS 1180^, 2220^; PHSA 1050^	0-4
Select one course: ARTT 1610, 2610, 2620; HIST 2330; HUMN 1210, 1300, 1460, 1470; MUSC 1030	3
PHIL 2100	3
BIOL 1400 or HIST 2000	3
<p>1. Select one course from each group above unless you plan to test out of a group. 2. (*) denotes availability of a test out option. WSU competency tests may be taken prior to transfer 3. One lab science course is required; (^) denotes lab courses 4. Maximum Transfer Credit=64 cr. hrs. Make selections to stay within limit. 5. It may be advantageous to complete the MACRAO. See a WSU adviser.</p>	

Follow either the Integrated Science or Mathematics track:

Requirements Not Met by the Above—<i>Integrated Science</i>	34 Hrs
ASTR 1030: Astronomy 1	2
ASTR 1040: Astronomy 2	2
ENGL 2640: Children's Literature	3
GEOG 2000: World Regional Geography	4
MATH 1280: Mathematics for Education 1	4
MATH 1290: Mathematics for Education 2	4
PHED 2070: Prevention, Intervention, Treatment of Disease, Illness, Injury	3
POLS 1000: Introduction to American Politics	4
PSYC 1010: Introductory Psychology	4

Requirements Not Met by the Above—<i>Mathematics</i>	26 Hrs
ENGL 2640: Children's Literature	3
GEOG 2000: World Regional Geography	4
MATH 1280: Mathematics for Education 1	4
MATH 1290: Mathematics for Education 2	4
PHED 2070: Prevention, Intervention, Treatment of Disease Illness, Injury	3
POLS 1000: Introduction to American Politics	4
PSYC 1010: Introductory Psychology	4

Teaching Major Requirements—<i>Integrated Science</i>	12 Hrs
CHEM 1050: Introduction to General Chemistry	4
GEOG 1140: Introduction to Physical Geology	4
Select one course: PHYS 1180: College Physics; PHSA 1050: Physical Science; NATS 1210: Earth Science	4

Teaching Major Requirements—<i>Mathematics</i>	12 Hrs
MATH 1340: Statistics	4
MATH 1760: Calculus 1	4
MATH 2200: Discrete Mathematics or MATH 1770: Calculus 2	4

WSU Coursework—After Transfer:

Mathematics & Integrated Science Major Requirements	28 Hrs
BBE 5000: Multicultural Education in Urban America *	2
EDP 3310: Educational Psychology	3
ELE 3300: Teaching Language Arts - Preprimary	3

ELE 3400: Teaching Mathematics - Preprimary	3
ELE 3500: Teaching Science - Preprimary	3
ELE 3600: Teaching Social Studies - Preprimary	3
ELE 6070: Family, Community, and School Partnerships *	3
RDG 4430: Teaching Reading 2: Compr. Preprimary-8	3
SED 5010: Inclusive Teaching*	2
TED 6020: Computer Applications in Teaching 1 *	3
Note: (*) Does not require admission to the School of Education	

Mathematics & Integrated Science Field Courses	18 Hrs
ELE 3320: Teaching Reading I: Emergent Literacy	3
TED 3550: Teaching Research Theory and Practice	5
TED 5780: Directed Teaching and Conference	10

Integrated Science Teaching Major	17 Hrs
SCE 5010: Biological Sciences for Elementary & Middle School Teachers	3
SCE 5020: Physical Sciences for Elementary & Middle School Teachers	3
CHM 6740: Laboratory Safety	2
SCE 5030: Earth/Space for Elementary Teachers	3
SCE 5040: Field Course Exploring the Natural Environment Or a Science Elective	3
SCE 6080: Teaching Environmental Studies	3

Mathematics Teaching Major	12 Hrs
MAE 5100: Geometry for Middle School Teachers 1	3
MAE 5110: Number Theory for Middle School Teachers	3
MAE 5120: Number Theory & Algebra for Middle School Teachers	3
MAE 5130: Problem Solving for Middle School Teachers	3

Maximum Macomb Credits = 72	Minimum WSU Credits – Integrated Science = 63 – Mathematics = 58
Teaching Minor Credits Required for Certification in K–5 Education = 20-28	
Minimum Credits for BA or BS in Elementary Education/Integrated Science = 127	
Minimum Credits for BA or BS in Elementary Education/Mathematics = 122	

Note: A grade of C- or better is required for a course to transfer. This guide and its requirements are subject to change and should be used in consultation with an academic advisor.