

Degree Guidance Sheet
Middle Grades Preparation—Grades 4 through 8 (123 credits)
(Amended 5/2017)

GENERAL EDUCATION REQUIREMENTS

I. Academic Foundations (18 credits)

English Composition I WRT 120 (3)	Communications SPK 208 Public Speaking or 230 Business and Professional Communication (3) or SPK 199
English Composition II WRT 200, 204, 205, 206, 208 or 220 (3)	Diverse Communities Course ^ LAN/ENG 382 (3) (I) Teaching English Language Learners (ELLs) PK-12
Mathematics MAT 101 (3)	Interdisciplinary Course ESS 102 (3), SCB 102 (3), or SCB 210 (3) Utilized for 4-8 certification science requirement.

II. General Education Distributive Requirements (21 credits)

Sciences (6 credits)	Behavioral and Social Sciences (6 credits)	Humanities (6 credits)	Arts (3 credits)
Please see reverse for options that can be utilized for 4-8 certification science requirements.	GEO 101 PSC 100 GEO 101 and PSC 100 are utilized for 4-8 certification social-studies requirements.	LIT 220 Children's Literature HIS See reverse for HIS options for 4-8 certification social- studies requirements.	Students may choose any 3 credit approved General Education Arts class (see catalog for approved options)

III. General Education Electives (9 credits)

Nine credits of general-education electives are required for graduation. Students wishing to graduate in 123 credits, and be eligible for grades 4-8 certification, must utilize their electives to complete their chosen area(s) of concentration. See reverse.

IV. Writing Emphasis Courses

The following program requirements will meet the writing emphasis requirement: MGP220, MGP 335, EDR 306

Three writing emphasis courses are required for students with 0-39 transfer credits; two for students with 40-70 transfer credits; one for students with more than 70 transfer credits.

PROFESSIONAL PREPARATION FOR GRADES 4-8 TEACHER CERTIFICATION

I. Formal Admission to Teacher Education (FATE) and Testing Requirements

FATE Requirements: 48 earned college level credits; 2.8 cumulative GPA; Pass Basic Skills Tests, 6 earned credits in college-level English composition and literature taught in English; 6 earned credits in college-level mathematics; 20 hours of preapproved, unpaid community service; Departmental approval. *Submit Declaration of Concentrations with FATE application.*

Testing Requirements:

Basic Skills Tests: Complete before earning 48 credits. 3 modules: Reading, Mathematics, & Writing (see WCU COE website for Basic Skills Test Options)

Praxis II (ETS): Take before student teaching/pass for certification.

Praxis II for all MGP students: PA Grades 4-8 Core Assessment (5152);

Praxis II tests for concentrations: PA G 4-8 SC: English Language Arts (5156); PA G 4-8 SC: Mathematics (5158); PA G 4-8 SC: Science (5159); PA G 4-8 SC: Social Studies (5157)

II. Middle Level Core--required of all students wishing to obtain grades 4-8 certification (27 credits)

EDA 103 Foundations of Special Education (3)	^+EDP 354 Assessment for Learning—Middle Grades (3) (MGP 220)
^EDP 200 Middle Grades Cognition (3)	^+SCE 330 Science Methods for Middle Level (4-8) Education (3)
^ EDP 201 Young Adolescent/Adolescent Development and Learning Theories (3)	+EDM 349 Technology Tools to Transform Teaching and Learning (1)
^ MGP 220 Field Experiences and the Middle-Level Environment (3) (EDP 200, EDP 201) W	^+MGP 335 Teaching Social Studies in Middle Grades(3)(MGP 220) W
+EDA 303 Special Education: Processes and Procedures for General Educators (2) (EDA 103)	EDR 345 Literacy Development and Students in Inclusive Classrooms (3) (EDR 306, 308)

Key: ^course with field component, clearances needed: PA Criminal Background, PA Child Abuse, FBI Fingerprinting, and tuberculosis test results; **Review class notes for required field times, and consult Department materials regarding placements and special conditions for field course sections; Follow procedures for scanning field clearances to remain enrolled in field classes; Review course pacing guide for field sequences.** + course requires FATE; J =Diversity course; I=Interdisciplinary course; W=Writing Emphasis; () courses listed in parentheses are prerequisites

III. Academic Content Area Concentrations

- Students wishing to obtain certification to teach in grades 4-8 must complete a minimum of 12 credit hours of “generalist” coursework in *each* of four academic content areas: Mathematics, Reading/Language Arts, Science and Social Studies.
- Students must complete a total of 30 credits of concentrated coursework in one of the four areas *or* 21 credits of concentrated coursework in two of the four areas. (The 12 credits of generalist coursework are applied towards the 21 and 30 credit options.) Students choosing two, 21-credit, concentrations must include math or science as one of the two areas.
- Students are encouraged to choose their concentration(s) based on their area(s) of interest for grades 6, 7, and 8 teaching. All degree requirements can be completed in 123 credits. **Refer to department bulletin board for additional information about course offerings.**

Reading/Language Arts

All students must complete the generalist 12 credits. See course catalog for prerequisite courses.		
12 credit generalist area	21 credit concentration	30 credit concentration
EDR 306 (3) Teaching Language Arts 4-8 W (EDP 201) EDR 308 (3) Foundations in Reading 4-8 (EDP 201) ^+EDR 318 (6) Reading Instruction and Practicum (MGP 220, EDR 306 & 308)	12 credit generalist area plus: EDR 420 (3) Content Area Reading +ENG 391 (3) Writing and Teaching Writing in the Middle School LIT 398 (3) Young Adult Literature (LIT 220)	21 credit concentration plus: ENG 194 (3) <i>and</i> one of the following: EDR 422 (3) or EDR 425 (3), or LIT 360 (3) <i>and</i> one of the following: EDR 321 (3) or LIN/ENG 230 (3)

Sciences

All students must complete a minimum of 12 generalist credits, nine of which are general education and “I”. Students choosing a science concentration must plan generalist credits that serve as prerequisites to upper level science classes.		
12 credit generalist area	21 credit concentration	30 credit concentration
All students must complete: ESS 102 (3), or SCB 102 (3), or SCB 210 (3) Select three courses in three of the five areas below: SCIENCE CONCENTRATORS SEE NOTE IN 21 CREDIT LIST [<i>BIO & ESS Recommended</i>] 1. ESS 101 (3) (gives access to courses in 21 cr) 2. BIO 110 (3) <i>or</i> BIO 100 (3)-see note in 21 cr. 3. CHE 107 & CRL 107 (5) <i>or</i> CHE 103 (3) & CRL 103 (1) 4. PHY 130 (4) 5. SCI 101 (3) <i>or</i> SCI 102 (3)	12 credits from generalist area plus: 9 advanced credits chosen from courses below. PREREQUISITES MUST BE COMPLETED IN ORDER TO TAKE ADVANCES COURSES 1. ESS 201, 204, 301, 307, 330, 331, 370 2. BIO 204, 214, 215, 217 (prereq. BIO 110 <i>or</i> BIO 100 with an A or A- <i>Students are encouraged to take BIO 110</i>) 3. CHE 230 <i>or</i> CHE 104 & CRL 104 4. PHY 140	12 credits from generalist area plus: PREREQUISITES MUST BE COMPLETED IN ORDER TO TAKE ADVANCES COURSES ESS 111 <i>or</i> PHY 105 <i>and</i> 15 advanced credits chosen from advanced courses listed under 21 credit option.

Social Studies

All students must complete a minimum of 12 credits, nine of which are general education.		
12 credit generalist area	21 credit concentration	30 credit concentration
HIS 150 (3) (soc. st concentrators -HIS 151) GEO 101 (3) PSC 100 (3) HIS 344 (3)	GEO 101, PSC 100, and HIS 344 from 12 credit generalist plus: HIS 151 HIS 152 (HIS 151) HIS 101 (GEO 101) ECO 111 (HIS 151)	21 credit concentration plus: HIS 102 (HIS 101) ANT 102 PSC 371 (PSC 100)

Mathematics

All students must complete the generalist 12 credits, three of which are general education.		
12 credit generalist area	21 credit concentration	30 credit concentration
MAT 101 (3) Math for Teachers of Children I MAT 102 (3) Math for Teachers of Children II (MAT 101) MAT 351 (3) Methods for Teaching Children Mathematics I (MAT 101 & 102) <i>plus</i> ^+MAT 352 (3)Methods for Teaching Children Mathematics II (MAT 351) <u>OR</u> ^+MAT 353 (3) Methods for Teaching Middle School Mathematics (MAT 351) [for math concentration]	12 credit generalist area plus: MAT 121 Statistics I MAT 312 Algebra for Teachers, Grade 4-8 MAT 313 Geometry for Teachers, Grade 4-8	21 credit concentration plus: MAT 115 (3) Algebra/Trig <i>and</i> MAT 131 (3) Pre-calculus <i>or</i> MAT 115 (3) Algebra/Trig <i>and</i> MAT 161 (4) Calculus I <i>plus</i> MAT 390 Seminar in Mathematics Education

IV. Student Teaching (12 credits) *Students attend pre-registration meetings scheduled one year before student teaching.*

^+MGP 410-411 Student Teaching (12) Prereqs: Students must have completed all the Middle Level Core requirements listed in II above; all generalist coursework and all requirements for one, 30-credit concentration <i>or</i> two, 21-credit concentrations listed in III above; Praxis II test requirements.
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Middle Grades Preparation (MGP) Academic Content Area Concentrations

Reading/Language Arts

All students complete 12 generalist credits:

EDR 306 Teaching Language Arts 4-8

EDR 308 Foundations in Reading 4-8

EDR 318 Reading Instruction and Practicum 4-8

Students choosing a 21 credit concentration complete:

12 generalist credits, plus

EDR 420 Content Area Reading

ENG 391 Writing and Teaching Writing in the Middle School

LIT 398 Young Adult Literature

Students choosing a 30 credit concentration complete:

21 credit concentration, plus

ENG 194 Conventions of Reading and Writing

EDR 422 Seminar in Reading *or* LIT 360 Special Topics in Children's/Young Adult Literature *or*

EDR 425 Teaching Multimodal Literacies

EDR 321 Assessment and Instructional Interventions in Reading and Language Arts *or*

LIN/ENG 230 Introduction to Linguistics

Sciences- Students who choose to concentrate in science must carefully check pre-requisites before choosing science courses

All students complete 12 generalist credits:

SCB *or* ESS 102 Humans and the Environment *or* SCB 210 The Origins of Life and the Universe

plus three courses in three of the five areas below:

1. ESS 101 Introduction to Geology

2. BIO 110 General Biology *or* BIO 100 Basic Biological Science

3. CHE 107 and CRL 107 General Chemistry (and lab) for Allied Health Sciences *or* CHE 103 and CRL 103 General Chemistry I (and lab)

4. PHY 130 General Physics I

5. SCI 101 The Carbon Cycle *or* SCI 102 Electricity with Physical and Biological Applications

If concentrating in Science, select from areas 1-4 (BIO, CHE, ESS, PHY)

Students who choose to concentrate in science must carefully check pre-requisites before choosing science courses. BIO and ESS are recommended for science concentrators.

Students choosing a 21 credit concentration complete:

12 generalist credits, plus three additional courses from the following:

ESS 201 Fundamentals of Techniques in Geology, ESS 204 Historical Geology, ESS 301 Environmental Geochemistry, ESS 307 Geology of the Solar System, ESS 330 Introduction to Oceanography, ESS 331 Introduction to Paleontology, ESS 370 Introduction to Meteorology

BIO 204 Introductory Microbiology, BIO 214 General Microbiology, BIO 215 General Botany, BIO 217 General Zoology

CHE 104 and CRL 104 General Chemistry (and lab) II *or* CHE 230 Introduction to Organic and Biological Chemistry

PHY 140 General Physics II

Students choosing a 30 credit concentration complete:

21 credit concentration, plus

ESS 111 General Astronomy *or* PHY 105 Structure of the Universe

and 6 additional credits listed as options in 21 credit concentration

Social Studies

All students complete 12 generalist credits:

GEO 101 World Geography

PSC 100 American Government and Politics

HIS 344 History of Pennsylvania

HIS 150 The American Experience (*for students who intend to complete only the 12 credit generalist area*) OR

HIS 151: *History of United States I* (*for students concentrating in social studies*)

Students choosing a 21 credit concentration complete:

12 generalist credits, plus

HIS 152 History of United States II

HIS 101 History of Civilization I

ECO 111 Principles of Economics I

Students choosing a 30 credit concentration complete:

21 credit concentration, plus

HIS 102 History of Civilization II

ANT 102 Introduction to Anthropology: Cultural

PSC 371 State and Local Government

Mathematics

All students complete 12 generalist credits:

MAT 101 Mathematics for Teachers of Children I

MAT 102 Mathematics for Teachers of Children II

MAT 351 Methods for Teaching Children Mathematics I

MAT 352 Methods for Teaching Children Mathematics II or MAT 353 if selecting Mathematics Concentration

Students choosing a 21 credit concentration complete:

12 generalist credits, plus

MAT 121 Statistics I

MAT 312 Algebra for Teachers in Grades 4-8

MAT 313 Geometry for Teachers in Grades 4-8

Students choosing a 30 credit concentration complete:

21 credit concentration, plus

MAT 115 Algebra, Functions and Trigonometry and MAT 131 PreCalculus or

MAT 115 Algebra, Functions and Trigonometry and MAT 161 Calculus

MAT 390 Seminar in Mathematics Education