

# MATHEMATICS EDUCATION (MSEC) w/concurrent MATH (MATH)

Wyoming Teacher Education Program

Total credit requirement: 120 minimum  
42 credit hours must be upper division

Effective: Fall 2015  
Updated: Fall 2017

Name: \_\_\_\_\_

Evaluated by: \_\_\_\_\_

W# \_\_\_\_\_

Matric. Date \_\_\_\_\_

Date: \_\_\_\_\_

WYO Core Complete?    Yes    No

**Background check completed**    DFS/DCI

WY Sub Permit

| <b>UNIVERSITY STUDIES PROGRAM REQUIREMENTS</b><br><i>please see USP catalog info for full course options</i>  | <b>PROFESSIONAL EDUCATION REQUIREMENTS:</b><br>All Professional Ed courses must be completed with a grade of C or better. Please note that grades of C- or lower will not satisfy this requirement.  |
|---|--|
| <p style="text-align: center;"><b>Intellectual and Practical Skills (IPS)</b></p> <hr style="border-top: 1px dashed black;"/> <p><i>First Year Experience</i><br/>(Each requirement must be completed with a grade of C or better to meet College of Education Phase II prerequisites or USP requirements. Please note that a grade of C- or lower will not satisfy these requirements.)</p> <p>FYS _____ Sem/Yr. _____</p> <p>COM1 _____ Sem/Yr. _____</p> <p>Q _____ Sem/Yr. _____</p> <hr style="border-top: 1px dashed black;"/> <p><i>Additional IPS</i></p> <p>COM2 _____ Sem/Yr. _____</p> <p>COM3 _____ Sem/Yr. _____</p> <hr style="border-top: 1px dashed black;"/> <p style="text-align: center;"><b>Knowledge of Human Culture (H), Physical &amp; Natural World (PN), US/WY Constitution (V)</b></p> <p style="color: red; text-align: center;"><i>Courses may be part of a major, but cannot be offered by the major department.<br/>One course cannot fulfill both categories.</i></p> <p>H _____ Sem/Yr. _____</p> <p>H _____ Sem/Yr. _____</p> <p>PN _____ Sem/Yr. _____</p> <p>PN _____ Sem/Yr. _____</p> <p>V _____ Sem/Yr. _____</p> <p>ECON 1200: Economics, Law &amp; Government (3)<br/>HIST 1211: US History to 1865 (3)<br/>HIST 1221: US History from 1865 (3)<br/>HIST 1251: History of Wyoming (3)<br/>POLS 1000: American &amp; Wyoming Government (3)<br/>Wyoming Challenge Exam Eligible</p> | <p style="text-align: center;"><b>Phase Prerequisites</b></p> <p>_____ Sem/Yr. _____</p> <p>_____ Sem/Yr. _____</p> <p><input type="checkbox"/> 2.50 minimum UW Total Institution GPA</p> <p><input type="checkbox"/> Sophomore Standing (30+ credits)</p> <hr style="border-top: 1px dashed black;"/> <p style="text-align: center;"><b>Phase I:</b> The above criteria must be met prior to enrollment</p> <p>_____ Sem/Yr. _____</p> <p>_____ Sem/Yr. _____</p> <p><input type="checkbox"/> C or better in Q</p> <p><input type="checkbox"/> C or better in COM1</p> <p><input type="checkbox"/> Current Wyoming Substitute Teaching Permit   Sem/Yr. _____</p> <p><input type="checkbox"/> 2.75 minimum UW Total Institution GPA</p> <p><input type="checkbox"/> Junior standing (60+ credits)</p> <p><input type="checkbox"/> Application is due prior to enrollment   Sem/Yr. _____</p> <hr style="border-top: 1px dashed black;"/> <p style="text-align: center;"><b>Phase II:</b> The above criteria must be met prior to enrollment</p> <p>_____ Sem/Yr. _____</p> <p>_____ Sem/Yr. _____</p> <p><input type="checkbox"/> 2.75 minimum UW Total Institution GPA</p> <p><input type="checkbox"/> 2.5 minimum <u>major content</u> GPA (see page 2)</p> <p><input type="checkbox"/> Application is due prior to enrollment   Sem/Yr. _____</p> <hr style="border-top: 1px dashed black;"/> <p style="text-align: center;"><b>Phase III:</b> The above criteria must be met prior to enrollment</p> <p style="border: 1px dashed black; padding: 2px;">Phase IIIa - Methods - Offered FALL SEMESTER ONLY } Sem/Yr. _____</p> <p style="color: red; text-align: center;"><b><u>STRONGLY RECOMMENDED</u></b> - complete Methods I &amp; II the fall prior to your Residency.</p> <p>_____</p> <p>_____</p> <hr style="border-top: 1px dashed black;"/> <p style="border: 1px dashed black; padding: 2px;">Phase IIIb - Residency - Offered SPRING SEMESTER ONLY } Sem/Yr. _____</p> <p>_____</p> <p style="text-align: center;">EDSE 4500 Residency in Teaching (15)</p> |

# MATHEMATICS MAJOR CONTENT (50 hrs minimum)

Minimum 2.5 GPA required in major content. All major content courses must be completed with a grade of C or higher .  
Please note that grades of C- or lower will not meet this requirement.

## REQUIRED Mathematics courses

|  |               |
|--|---------------|
|  | Sem/Yr. _____ |
|  | Sem/Yr. _____ |
|  | Sem/Yr. _____ |
|  | Sem/Yr. _____ |
|  | Sem/Yr. _____ |
|  | Sem/Yr. _____ |

## REQUIRED Transition Courses

|  |               |
|--|---------------|
|  | Sem/Yr. _____ |
|  | Sem/Yr. _____ |
|  | Sem/Yr. _____ |

## REQUIRED Depth Sequence

*Choose 1 of the sequences (2 courses) below.*

*Algebra Sequence:*

|  |               |
|--|---------------|
|  | Sem/Yr. _____ |
|  | Sem/Yr. _____ |

*Applied Sequence:*

|  |               |
|--|---------------|
|  | Sem/Yr. _____ |
|  | Sem/Yr. _____ |

*Analysis Sequence:*

|  |               |
|--|---------------|
|  | Sem/Yr. _____ |
|  | Sem/Yr. _____ |

## REQUIRED courses from BREADTH

|  |               |
|--|---------------|
|  | Sem/Yr. _____ |
|  | Sem/Yr. _____ |
|  | Sem/Yr. _____ |

## Choose 1 course for BREADTH elective

|  |               |
|--|---------------|
|  | Sem/Yr. _____ |
|  | Sem/Yr. _____ |
|  | Sem/Yr. _____ |
|  | Sem/Yr. _____ |
|  | Sem/Yr. _____ |
|  | Sem/Yr. _____ |
|  | Sem/Yr. _____ |
|  | Sem/Yr. _____ |
|  | Sem/Yr. _____ |
|  | Sem/Yr. _____ |

## REQUIRED Statistics

|  |               |
|--|---------------|
|  | Sem/Yr. _____ |
| STAT 2000: Statistics & the World (3)              |               |
| STAT 2050: Fundamentals of Statistics (4)          |               |
| STAT 2070: Intro. to Stats for Social Sciences (4) |               |
| STAT 3050: Statistical Methods (3)                 |               |

**Petitions & Notes** (USP, UW Exception Requests, College of Education Exception Requests)

## Upper Division Credits

*Must have a minimum of 42 upper division hours to graduate.*

- |                                    |   |                                     |    |
|------------------------------------|---|-------------------------------------|----|
| <input type="checkbox"/> MATH 3205 | 3 | <input type="checkbox"/> MATH Depth | 3  |
| <input type="checkbox"/> MATH 3340 | 3 | <input type="checkbox"/> MATH Depth | 3  |
| <input type="checkbox"/> MATH 3500 | 3 | <input type="checkbox"/> EDST 3000  | 6  |
| <input type="checkbox"/> MATH 4000 | 3 | <input type="checkbox"/> EDST 3550  | 2  |
| <input type="checkbox"/> MATH 4150 | 3 | <input type="checkbox"/> EDSE 3271  | 3  |
| <input type="checkbox"/> MATH 4600 | 3 | <input type="checkbox"/> EDSE 4271  | 4  |
|                                    |   | <input type="checkbox"/> EDSE 4500  | 15 |

*Residency may also be completed for 16 credits.*

**TOTAL** **54**  
*(42 hours minimum required to graduate)*