

University of Minnesota Morris Digital Well

## University of Minnesota Morris Digital Well

---

Curriculum Committee Reports

Curriculum Committee

---

10-24-2000

### Secondary Education Form B: Discipline Objectives and Requirements 10/24/2000

Curriculum Committee

Follow this and additional works at: [https://digitalcommons.morris.umn.edu/curriculum\\_reports](https://digitalcommons.morris.umn.edu/curriculum_reports)

---

#### Recommended Citation

Curriculum Committee, "Secondary Education Form B: Discipline Objectives and Requirements 10/24/2000" (2000). *Curriculum Committee Reports*. 826.

[https://digitalcommons.morris.umn.edu/curriculum\\_reports/826](https://digitalcommons.morris.umn.edu/curriculum_reports/826)

This Article is brought to you for free and open access by the Curriculum Committee at University of Minnesota Morris Digital Well. It has been accepted for inclusion in Curriculum Committee Reports by an authorized administrator of University of Minnesota Morris Digital Well. For more information, please contact [skulann@morris.umn.edu](mailto:skulann@morris.umn.edu).

|                              |                               |        |
|------------------------------|-------------------------------|--------|
| UMM ACADEMIC<br>AFFAIRS      | <b>SEMESTER</b>               | FORM B |
| DISCIPLINE COVER<br>SHEET #2 | <b>CURRICULUM<br/>CHANGES</b> | (2/00) |

## FORM B: DISCIPLINE OBJECTIVES AND REQUIREMENTS

(Submit to Division Chair)

**Note: All changes become effective the fall semester following Campus Assembly approval.**

|  |                       |
|--|-----------------------|
| <b>Discipline:</b> Secondary Education | <b>Date:</b> 10/24/00 |
|--|-----------------------|

See instructions given in separate document.

### I. Introductory Statement:

This discipline is in the Division of Education. The secondary education program leads to Minnesota licensure either as a teacher of grades 7 K through 12 or 5 through 12 in specified liberal arts disciplines. A separate admissions process must be completed and admission granted before students can enroll in courses in this program.

~~Currently UMM is approved to recommend teaching licensure for the following majors or fields: studio art, earth science (geology), English, French, German, life science (biology), mathematics, music, physical science (chemistry, physics), social science, Spanish, speech communication, speech theatre, and theatre arts. Individuals interested in teaching should inquire at the Division of Education office for the current list of approved majors and minors at the time they select a teaching field.~~

~~Students planning to seek Minnesota teaching licensure at the secondary school level must complete the secondary teacher education program as well as requirements for teacher preparation listed under the discipline(s) of their major(s) and minor(s).~~

### II. Objectives:

**Objectives**—Coursework in secondary education is designed to meet standards of effective practice required for licensure and provide prospective teachers with opportunities to understand central concepts, tools of inquiry, and structures of disciplines taught in the middle and secondary school; understand how children and adolescents learn and develop, individual and group motivation and behavior, and diversity among learners; create instructional opportunities adapted to learners from diverse cultural backgrounds and with exceptionalities; use instructional strategies that reflect personal knowledge of effective verbal, nonverbal, and communication techniques and encourage development of critical thinking, problem solving, and performance skills; understand and use formal and informal methods of student assessment; plan and manage instruction and engage in reflection and self-assessment; and collaborate with parents/guardians, families, school colleagues, and the community in an ethical manner.

~~Students seeking licensure must have a major, a bachelor's degree, and have completed licensure requirements in the area(s) in which licensure is sought. UMM is approved to recommend teaching licensure in the following fields: business (5-12), chemistry (5-12), communication arts & literature (5-12), dance & theatre arts (K-12), earth and space science (5-12), French (K-12), German (K-12), instrumental music (K-12), life science (5-12), mathematics (5-12), physics (5-12), social studies (5-12), Spanish (K-12), visual arts (K-12), and vocal music (K-12).~~

~~Students planning to seek Minnesota teaching licensure at the middle and secondary school level must complete licensure requirements in the discipline(s) of the subject(s) they intend to teach, the middle and secondary teacher education program, and state and federally mandated examinations for new teachers. A minimum GPA of 2.50 overall, and in required licensure area(s) and education courses is required. All courses required for teaching licensure in middle and secondary education (discipline, professional education, or other courses) must be completed with a grade of C- or higher.~~

### III. Assessment:

Successful completion of student teaching and senior seminar.

### IV. Requirements for a Major:

Not applicable.

### V. Requirements for a Minor:

Not applicable.

VI. Requirements for Teacher Preparation:

**Licensure Area Requirements**

An equivalent honors course can be used to fulfill any of the following requirements.

**Business Teacher 5-12 (49-52 cr)**

Econ 1111-Principles of Microeconomics

Econ 1112-Principles of Macroeconomics

Mgmt 2101-Principles of Accounting I

Mgmt 2102-Principles of Accounting II

Mgmt 3101-Financial Management

Mgmt 3133-Managerial Accounting

Mgmt 3141-Business Law I

Mgmt 3142-Business Law II

Mgmt 3161-Labor Management Relations I

Mgmt 3162-Labor Management Relations II

Mgmt 3201-Marketing Principles and Strategy

Mgmt 3221-Management & Organization Theory

Mgmt 3601-Transnational Enterprise

Mgmt 4896-Internship

One of Two:

Math 1601-Introduction to Statistics

Math 2601-Statistical Methods

**Chemistry 5-12 (58-67 cr)**

Biol 2101-Evolution of Biodiversity

Biol 2111-Cell Biology

Chem 1101-General Chemistry I

Chem 1102-General Chemistry II

Chem 2301-Organic Chemistry I

Chem 2302-Organic Chemistry II

Chem 2311-Organic Chemistry Lab I

One of Two:

Chem 2312-Organic Chemistry Lab II

Chem 2321-Introduction to Research

Chem 3101-Analytical Chemistry

Chem 3501-Physical Chemistry I

Chem 3xxx level or above, one course

One of Three:

Chem 4901 & 4902-Chemistry Seminar I & II (on research)

Chem 2993 or 3993 or 4993-Directed Study in Research

Other Research Exp (i.e. UROP, Internship) with discipline approval

Geol 1101-Physical Geology

Math 1101-Calculus I

Math 1102-Calculus II

Phys 1101-General Physics I

Phys 1102-General Physics II

**Communication Arts & Literature 5-12 (60 cr; fulfills the requirements for an English major)**

Engl 1100-Variable Topics in Literature

Engl 2011-Analysis of Poetry (Prerequisite)

Engl 3001-Advanced Writing

Engl 3021-Grammar and Language

Engl 3031-Shakespeare

One of Three:

Engl 3101-Medieval to Renaissance in English Literature

Engl 3111-British Romanticism: Origins and Influence

Engl 3121-Victorian and Modern British Literature

One of Two:

Engl 3201-The Pluralistic Roots of U.S. Literature

Engl 3211-New Visions of U.S. Literature

One of Three:

Engl 3301-Multicultural Literature

Engl 3311-Native American Literature

Engl 3321-Women's Literature

One of Two:

Spch 1000-Variable Topics in Introduction to Public Speaking

Spch 1051-Introduction to Public Speaking

Spch 1061-Interpersonal Communication

Spch 1071-Introduction to Groups: Principles and Practices

Spch 2101-Introduction to Speech Communication

Spch 3301-Media Theory, Criticism, and Problems

Spch 4151-Argumentation: Theory and Practice

Th 2211-Oral Interpretation

**Dance & Theatre Arts K-12 (47 cr)**

Th 1101-The Theatre Experience:An Introduction

Th 1111-Fundamentals of Acting

Th 1301-Fundamentals of Design

Th 2101-Fundamentals of Directing

Th 2211-Oral Interpretation

Th 2301-Stagecraft

Th 3101-World Theatre:History and Literature I

Th 3102-World Theatre:History and Literature II

One of Two:

Th 3201-Acting and Directing I

Th 3202-Acting and Directing II

Th 4301-Scenic Design

Spch 3311-Social Uses of Media

WSS 1332-Intermediate Jazz Dance

WSS 1333-Intermediate Modern Dance

WSS 2301-Dance Production

3 Major production responsibilities in faculty directed productions, two of which must be in the junior and senior years

**Earth & Space Science 5-12 (56-61 cr)**

Biol 2101-Evolution of Biodiversity

Biol 2111-Cell Biology

Chem 1101-General Chemistry I

Chem 1102-General Chemistry II

Geol 1101-Physical Geology

Geol 1121-Historical Geology:Earth History & Changing Scientific Perspectives

Geol 2101-Mineralogy and Crystallography

Geol 2111-Petrology and Petrography

Geol 2121-Sedimentology and Stratigraphy

One of Three:

Geol 4901 & 4902-Geology Senior Seminar & Presentations (on research)

Geol 2993 or 3993 or 4993-Directed Study in Research

Other Research Exp (i.e. UROP, Internship) with discipline approval

Math 1101-Calculus I

Math 1102-Calculus II

Phys 1101-General Physics I

Phys 1102-General Physics II

Also Recommended:

Geol 3101-Structural Geology

Geol 3501-Hydrology

**French K-12 (44 cr)**

Fren 1001-Beginning French I

Fren 1002-Beginning French II

Fren 2001-Intermediate French I

Fren 2002-Intermediate French II

Fren 3001-Conversation and Composition

Fren 3011-Reading and Analysis of Texts

Fren 3021-Modern France

Fren 3XXX or Above Courses minimum of 16 cr

Proficiency Examination in French

**German K-12 (48 cr)**

Ger 1001-Beginning German I

Ger 1002-Beginning German II

Ger 2001-Intermediate German I

Ger 2002-Intermediate German II: German Culture & Civilization

Ger 3001-Beginning German Conversation and Composition I

Ger 3011-Readings in German

Ger 3021-Advanced German Conversation & Composition

Ger 3101-Survey of German Literature & Culture I

Ger 3102-Survey of German Literature & Culture II

One of Two:

Ger 3201-German Classicism

Ger 3211-German Romanticism

Ger 3XXX Two Elective Courses-4 cr each

Proficiency Examination in German

**Instrumental Music K-12 (47 cr)**

Mus 0100-Concert Attendance (7 min)

Mus 1101-Core Studies I: Music Theory I

Mus 1102-Core Studies I: Music Theory II

Mus 1300-Concert Band &/or 1340-Orchestra (7 cr min)

Mus 2101-Core Studies II: Music Theory III

Mus 2102-Core Studies II: Music Theory IV

Mus 3101-Core Studies III: Medieval, Renaissance, and Baroque Music

Mus 3102-Core Studies III: Classical, Romantic, and 20th Century Music

Mus 1200-1219-Individual Performance Studies (4-5 total)\*

Mus 3200-3219-Advanced Individual Performance Studies in wind, string, percussion, or keyboard (2-3 semesters)\*

Mus 3301-Instrumental Techniques-Woodwind

Mus 3302-Instrumental Techniques-Brass and Percussion

Mus 3303-Instrumental Techniques-Strings

Mus 3304-Vocal Techniques

Mus 3311-Conducting Techniques

Mus 3321-Instrumental Conducting and Materials

Mus 4901-Senior Project

Piano Proficiency Test

Secondary performance competence on another family (wind, string or percussion)

*\* If jury exam is passed end of 4th semester: 4 cr Mus 1200-1219 & 3 cr of Mus 3200-3219; if jury exam is passed end of 5th semester: 5 cr Mus 1200-1219 & 2 cr of Mus 3200-3219*

**Life Science 5-12 (82 cr; fulfills the requirements for a Biology major)**

Biol 1101-Freshman Seminar Biological Principles

Biol 2101-Evolution of Biodiversity

Biol 2111-Cell Biology

Biol 3101-Genetics

Biol 3121-Molecular Biology

Biol 3131-Ecology

Biol 4000-4500 (8 cr)

Biol 4901-Senior Seminar

Chem 1101-General Chemistry I

Chem 1102-General Chemistry II

Chem 2301-Organic Chemistry I

Chem 2302-Organic Chemistry II

Chem 2311-Organic Chemistry Lab I

Geol 1101-Physical Geology

Math 1101-Calculus I

Math 1102-Calculus II

Phys 1101-General Physics I

Phys 1102-General Physics II

One of Two:

Math 1601-Introduction to Statistics

Math 2601-Statistical Methods

One of Four:

Biol 4000-4500, additional

Geol 3111-Introduction to Invertebrate Paleontology

Psy 3201-Comparative Psychology

Psy 3211-Biological Psychology

**Mathematics 5-12 (47 cr)**

CSci 1211-Introduction to Problem Solving with Java

Math 1101-Calculus I

Math 1102-Calculus II

Math 2111-Linear Algebra

Math 2211-History of Math

Math 2301-Mathematical Perspectives

Math 2611-Mathematical Statistics

Math 3211-Geometry

Math 3221-Analysis

Math 3231-Abstract Algebra

Math 3411-Discrete and Combinatorial Mathematics

Math 4901-Senior Seminar

**Physics 5-12 (69-74 cr)**

Biol 2101-Evolution of Biodiversity

Biol 2111-Cell Biology

Chem 1101-General Chemistry I

Chem 1102-General Chemistry II

Geol 1101-Physical Geology

Math 1101-Calculus I

Math 1102-Calculus II

Math 2101-Calculus III

Math 2401-Differential Equations

Phys 1101-General Physics I

Phys 1102-General Physics II

Phys 2101-Modern Physics

Phys 2201-Circuits and Electronic Devices

Phys 3101-Classical Mechanics

Phys 3301-Optics

One of Two:

Chem 3501-Physical Chemistry I

Phys 3XXX-Statistical Mechanics

One of Three:

Phys 4901-Senior Thesis (on research)

Phys 2993 or 3993 or 4993-Directed Studies in Research

Other Research Exp (i.e. UROP, Internship) with discipline approval

**Social Studies 5-12 (49-57 cr; fulfills requirements for a Social Science major)**

Anth 1111-Introductory Cultural Anthropology

Econ 1112-Macroeconomics

Econ 1951-Seminar for Social Studies Majors

One of Two:

Geog 1001-Problems in Geography

Geog 3111-Geography of Minnesota

Hist 1301-Introduction to United States History

Math 1601-Introduction to Statistics or equivalent

Pol 1201-American Government & Politics

Psy 1051-Introduction to Psychology

Soc 1101-Introductory Sociology

Area of Concentration 3-5 additional courses agreed upon with advisor

**Spanish K-12 (48 cr)**

Span 1001-Beginning Spanish I

Span 1002-Beginning Spanish II

Span 2001-Intermediate Spanish I

Span 2002-Intermediate Spanish II

Span 3001-Advanced Spanish I

Span 3002-Advanced Spanish II

Span 3101-Introduction to Spanish Literature

Span 3201-Masterpieces of Spanish Peninsular Literature II

Span 3202-Masterpieces of Spanish Peninsular Literature I

Span 3301-Masterpieces of Latin American Literature I

Span 3302-Masterpieces of Latin American Literature II

One of Two:

Span 3400-Variable Topics in Latin American Literature

Span 3500-Variable Topics in Spanish Peninsular Literature

Proficiency Examination in Spanish

**Visual Arts K-12 (58 cr)**

ArtH 1101-Principles of Art

ArtS 1050-Beginning Ceramics

ArtS 1101-Basic Studio Drawing

ArtS 1102-Basic Studio Drawing

ArtS 1103-Basic Studio 2-D Design

ArtS 1104-Basic Studio 3-D Design

ArtS 1105-Basic Studio Discussion

ArtS 1106-Basic Studio Discussion

ArtS 2101-Second Year Drawing

ArtS 2102-Second Year Drawing

ArtS 3881-Junior Review

ArtS 4881-Senior Review

ArtS 4901-Senior Exhibit

Min 12 cr in one of the following media plus 6 cr in another and 3 cr in the third media:

Printmaking-

ArtS 2201-Beginning Printmaking

ArtS 2202-Beginning Printmaking

ArtS 3200-Advanced Printmaking

Painting-

ArtS 2301-Beginning Painting

ArtS 2302-Beginning Painting

ArtS 3300-Advanced Painting

Sculpture-

ArtS 2401-Beginning Sculpture



ArtS 2402-Beginning Sculpture

ArtS 3400-Advanced Sculpture

ArtS 2XXX or above min. 6 cr electives

ArtH Courses min 8 cr

**Vocal Music K-12 (47 cr)**

Mus 0100-Concert Attendance (7 min)

Mus 1101-Core Studies I: Music Theory I

Mus 1102-Core Studies I: Music Theory II

Mus 1310-University Choir &/or 1320-Concert Choir (7 cr min)

Mus 2101-Core Studies II: Music Theory III

Mus 2102-Core Studies II: Music Theory IV

Mus 3101-Core Studies III: Medieval, Renaissance, and Baroque Music

Mus 3102-Core Studies III: Classical, Romantic, and 20th Century Music

Mus 1200-1219-Individual Performance Studies (4-5 total)\*

Mus 3200-3219-Advanced Individual Performance Studies in voice or keyboard (2-3 semesters)\*

Mus 3301-Instrumental Techniques-Woodwind

Mus 3302-Instrumental Techniques-Brass and Percussion

Mus 3303-Instrumental Techniques-Strings

Mus 3304-Vocal Techniques

Mus 3311-Conducting Techniques

Mus 3331-Choral Conducting and Materials

Mus 4901-Senior Project

Piano Proficiency Test

Secondary performance competence on an instrument (wind, string, percussion or keyboard)

\* If jury exam is passed end of 4th semester: 4 cr Mus 1200-1219 & 3 cr of Mus 3200-3219; if jury exam is passed end of 5th semester: 5 cr Mus 1200-1219 & 2 cr of Mus 3200-3219

**Secondary Education Program Requirements**

**Admission to the Program**

During ~~spring~~ fall semester of the junior or senior year, students are expected to attend an application meeting to begin the application process. Enrollment in the program is limited. The decision to admit is made during spring semester, before fall registration. The secondary education course sequence begins in fall semester.

Students transferring from another school must be admitted to UMM before admission to the secondary program can be offered. It is recommended that these students seek academic planning advice from a member of the secondary education faculty before the semester in which admission to the program is sought.

Requirements for admission include the following:

1. ~~Successful~~ Satisfactory completion of Psy 1051-Introduction to Psychology; Psy 1061-Introduction to the Development of the Child and Adolescent; and Ed 2101-Foundations and Issues in Education; ~~(Psy 1051—Introduction to Psychology is strongly recommended)~~ for students double majoring in Education and Psychology or those desiring more in-depth alternatives, Psy 1101 and 1102-Foundations of Psychology I and II, respectively, may be substituted for the Psy 1051 Prerequisite, and both Psy 3401-Developmental Psychology I: Child Psychology and Psy 3402-Developmental Psychology II: Adolescence may be substituted for Psy 1061-Introduction to the Development of the Child and Adolescent.
2. Passing score on the Division of Education writing proficiency test or minimum passing score, as established for the State of Minnesota, on the examination of writing skills of the Pre-professional Skills Test (PPST)
3. Must have taken the PPST before enrolling in secondary education courses (date and location determined by Minnesota Board of Teaching; inquire at Student Counseling for details)
4. A minimum GPA of 2.50 overall, in required education ~~courses, and in each~~

~~teaching major or minor and licensure area courses~~

5. Approximately 90 credits completed by the end of the junior year including demonstration of satisfactory progress in each licensure area.
6. Approval of the faculty based on an interview, recommendations, assessment of prior experience (especially with young people and other cultures), and progress toward a degree
7. Prior status as a student admitted to UMM

### **Student Teaching Requirements**

1. Successful completion of SeEd 4101-Block I: Teaching the Middle and Secondary Student, ~~and~~ SeEd 4102-Block II: Teaching and Learning Strategies, and SeEd 4103f. Practicum Experience in the Middle and Secondary School
2. Successful completion of ~~subject~~ licensure area methods courses(s)
3. Satisfactory completion of tutor aide and practicum experiences
4. Spch 1000-Variable Topics in Introduction to Public Speaking or Spch 1051-Introduction to Public Speaking or exemption granted by petition to the Division of Education based on satisfactory completion of at least a semester-length high school speech course
5. A passing score on the Minnesota Board of Teaching Pre-professional Skills Test (PPST)
6. A minimum GPA of 2.50 overall, in required education and licensure area courses, ~~and in each teaching major and minor~~
7. Approval of teacher education faculty based on recommendations of discipline faculty

### **Middle and Secondary School Licensure Requirements**

Students planning to teach in Minnesota middle and secondary schools must meet the licensure requirements of the Minnesota Board of Teaching (BOT), ~~as well as the requirements for teacher preparation listed under their chosen major(s) or minor(s).~~ At the University of Minnesota, Morris, the following program is designed to meet the current BOT requirements. These ~~course~~ requirements are subject to change when the BOT implements new licensure rules.

1. Professional education courses Ed 2101-Foundations and Issues in Education, SeEd 4101-Block I: Teaching the Middle and Secondary Student, SeEd 4102-Block II: Teaching and Learning Strategies, SeEd 4103 Practicum Experience in the Middle and Secondary School, SeEd 4201-Directed Student Teaching in the Middle and Secondary School, ~~or~~ SeEd 4204 Directed Student Teaching in International School at the Middle and Secondary Level, and SeEd 4901-The Teacher and Professional Development
2. ~~A special methods course in each major and minor field in which teaching licensure is desired~~ Successful completion of licensure area methods course(s)
3. Psy 1051-Introduction to Psychology; Psy 1061-Introduction to the Development of the Child and Adolescent; ~~and~~ Psy 1081—Drugs and Human Behavior
4. Spch 1000—Variable Topics in Introduction to Public Speaking or Spch 1051—Introduction to Public Speaking or exemption granted by petition to the Division of Education based on satisfactory completion of at least a semester-length high school speech course
5. ~~Human relations training that satisfies Minnesota Board of Teaching Rules, part 8700.2700~~
6. ~~Senior Presentation: A reflective summary of the student as teacher presented to an audience of educators and peers following successful completion of student teaching~~
7. 5. A minimum GPA of 2.50 overall, in required education and licensure area courses, ~~and in each teaching major(s) or minor(s)~~
8. 6. All courses required for teaching licensure in middle and secondary education (discipline, ~~major or minor~~, professional education, or other courses) must be completed with a grade of C<sub>-</sub> or higher
9. ~~A passing score on the Minnesota Board of Teaching Pre-professional Skills Test (PPST)~~
10. 7. A positive recommendation from the discipline and division offering the ~~major or minor~~ licensure area coursework and from the Division of Education

**Note:** Students in middle and secondary education must complete licensure requirements and apply for licensure within seven years from time of admission to the licensure program. After seven years, all education courses previously taken become void and must be retaken for licensure. Required courses may not be taken S-N unless only offered S-N ~~only~~.

VII. Other heading (include heading title) :

