

# UNIVERSITY OF WISCONSIN River Falls

## Accounting Major

### Accounting Major

#### Major Requirements - 69 Total Credits

#### Lower Division Requirements: 21 cr. hrs.

- ECON 201** Principles of Microeconomics 3 cr.  
**ECON 202** Principles of Macroeconomics 3 cr.  
**ACCT 231** Principles of Accounting I 3 cr.  
**ACCT 232** Principles of Accounting II 3 cr.  
**CSIS 215** Information Systems for Business Management 3 cr.  
**ECON 226** Introduction to Statistics 3 cr.  
 or **MATH 226** Fundamentals of Statistics

Choose one 3-credit course from:

- COMS 116** Business and Professional Communication  
**ENGL 251** Advanced Composition  
**ENGL 266** Business Writing  
**ENGL 367** Technical Writing

#### Required Courses: 42 cr. hrs.

- BLAW 265** Business Law I 3 cr.  
**BLAW 266** Business Law II 3 cr.  
**MNGT 300** Management and Organizational Behavior 3 cr.  
**MKTG 310** Principles of Marketing 3 cr.  
**FINC 345** Managerial Finance 3 cr.  
**ACCT 321** Intermediate Accounting I 3 cr.  
**ACCT 322** Intermediate Accounting II 3 cr.  
**ACCT 356** Managerial Cost Accounting 3 cr.  
**ACCT 357** Advanced Managerial Cost Accounting 3 cr.  
**ACCT 360** Federal Income Tax I 3 cr.  
**ACCT 361** Federal Income Tax II 3 cr.  
**ACCT 366** Accounting Systems 3 cr.  
**ACCT 430** Advanced Accounting 3 cr.  
**ACCT 461** Auditing 3 cr.

#### Directed Electives: 6 cr. hrs.

Select from Accounting (not **ACCT 201**),  
 Management (not **MNGT 150**, or **MNGT 250**),

### Department of Accounting and Finance

124 South Hall  
 715-425-3335  
[www.uwrf.edu/CBE](http://www.uwrf.edu/CBE)

Charles Corcoran-Chair, Ali Dalkilic,  
 Dawn Hukai, June Li, Carl Popelka,  
 Reza Rahgozar, Megan Sun, Mary  
 Tichich, Ellen Schultz-Academic  
 Advisor.

Students are required to have a minimum of 150 semester credit hours in order to sit for the CPA exam in Wisconsin. For education requirements to sit for the CPA exam in Minnesota, please contact the Minnesota State Board of Accountancy.

Students should plan to take **MATH 146** (if necessary) before taking **MATH 156** or **ECON 205** as required in General Education. The lower division course requirements must be completed before the student begins the upper division requirements and the required accounting courses. A 2.5 grade point average must be maintained in the required accounting and business law courses to graduate with a major in accounting.

Undergraduate Accounting students may not transfer more than six credits of 300/400 level courses from

Finance (not **FINC 210**),  
Marketing (not **MKTG 311**),  
Economics (not **ECON 100**, **ECON 150**, or **ECON 205**),  
Computer Science (not **CSIS 105** or **CSIS 151**),  
**ENGL 251** or **ENGL 367**.

No 9000 level courses (transfer courses with no UWRF equivalent) will apply as directed electives.

**Required Supporting Courses 7-8 cr.**

**A. CBE 100** Orientation to CBE 0.5 cr.

**CBE 300** Professional Development 0.5 cr.

**B. ECON 205** Quantitative Analysis 3 cr.

or **MATH 156** Calculus for Business and Social Science 3 cr.

or **MATH 166** Calculus I 4 cr.

non-AACSB accredited programs and institutions into the major.

## General Education Requirements

As listed in **general education** with the following exceptions:

Mathematics: 3 cr. hrs.

**MATH 156** Calculus for Business and Social Sciences

or **ECON 205** Quantitative Analysis

or **MATH 166** Calculus I (4 cr.)

## Admission Requirements

1. For all majors in the College of Business and Economics (CBE):  
Completion of at least 27 required general education credits with a minimum GPA of 2.25.

2. Additionally, the following must be completed, or in progress for completion, during the semester preceding admission:

GPA of 2.50 in **ACCT 231**, **ACCT 232**;

**CBE 100**; **ECON 201**, **ECON 202**;

**CSIS 215**; **ECON 205** or **MATH 156**

or **MATH 166**; **ECON 226** or **MATH**

**226**; **COMS 116** or **ENGL 266**.

# UNIVERSITY OF WISCONSIN River Falls

## Adapted Physical Education K-12 Minor

### Adapted Physical Education Minor

#### 23 Total Credits

P ED 243 Motor Learning and Development 3cr.

P ED 300 Adapted Physical Education 3 cr.

P ED 305 Developmental Adapted Physical Education 3 cr.

P ED 344 Teaching Adapted Aquatics 2 cr.

P ED 370 Adapted Physical Education Practicum 3 cr.

P ED 420 Disability and Physical Activity Implications

P ED 421 Teaching Sport to Individuals with Disabilities

SPED 330 The Exceptional Child 3 cr.

### Department of Health and Human Performance

111 Karges Center  
715-425-3705  
[www.uwrf.edu/HHP/](http://www.uwrf.edu/HHP/)

Chair-Joe O'Kroy, Jeff Berkhof, Rob  
Confessore, Matt Ebner, Ken Ecker,  
Gary Eloranta, Patti Ford, Steve  
Freeman, Stacy Furness, James  
Gostomski, Cindy Holbrook, Faye  
Perkins, Robert Ritzer, Jodee  
Schaben, Paul Shirilla, Matt Walker,  
Jake Wissing

The Adapted Physical Education minor is for students seeking teacher certification to meet the needs of students with disabilities within physical education. This certification is an "add-on" minor for Physical Education-Comprehensive K-12 Physical Education (teacher certifiable) major as part of the baccalaureate program or as a post-baccalaureate program. It is not a stand-alone minor for students seeking any other major.

# UNIVERSITY OF WISCONSIN River Falls

## Agricultural Business Major

### Agricultural Business Major

**Required Courses 41 - 42 cr. hrs.**

**Introductory Courses (8-9 cr. hrs.)**

**AGEC 101** Economics and Management in Agriculture 3 cr.

**AGEC 240** Cooperatives 2 cr.

or **ECON 202** Macroeconomics 3 cr.

**AGEC 250** World Food and Population 3 cr.

**Tool Courses (21 cr. hrs. from)**

**AGEC 305** Agricultural Business Accounting 3 cr.

**AFES 310** Ag Human Resource Management 3 cr.

**AGEC 320** Statistical Methods 3 cr.

**AGEC 330** Agricultural Production Economics 3 cr.

**AGEC 345** Agricultural Law 3 cr.

**AGEC 355** Agricultural Markets and Prices 3 cr.

**AGEC 360** Farm Management 3 cr.

**AGEC 365** Agricultural Finance 3 cr.

**Option Courses (12 cr. hrs from)**

**AGEC 405** Ag Records and Taxes 3 cr.

**AGEC 410** Professional Selling 3 cr.

**AGEC 440** Agricultural Policy I (writing intensive) 3 cr.

**AGEC 445** Land use and Sustainable Agriculture Law 3 cr.

**AGEC 450** Introduction to Natural Resource Economics 3 cr.

**AGEC 455** Commodity Marketing 3 cr.

**AGEC 270/370/490** Experiential Learning1 - 4 cr.

**AGEC 460** Agribusiness Firm Management (writing intensive) 3 cr.

**Required Supporting Courses 3-4 cr. hrs.**

**AFES 492** Senior Multidisciplinary Study 3 cr.

**MATH 156** Calculus for Business and Social Science 3 cr.

or **MATH 166** Calculus I 4 cr.

or **ECON 426** Econometrics and Forecasting 3 cr.

**Directed Electives: 15 cr. hrs.**

15 credits beyond the Foundation Courses in a technical area of agriculture or other related area with consent of department.

### Department of Agricultural Economics (AGEC)

131 Agricultural Science  
715-425-3298  
[www.uwrf.edu/AGEC/](http://www.uwrf.edu/AGEC/)

David Trechter-Chair, Brenda Boetel,  
Sierra Howry, Todd Hubbs, Amber  
Remble, Stanley Schraufnagel, Jim  
White

Adjunct Faculty-Juliet Tomkins

### See also:

[Agricultural Business Minor](#)

[Farm Management Minor](#)



# UNIVERSITY OF WISCONSIN River Falls

## Agricultural Education Major

### Professional Education Requirements

**AGED 120** Orientation to Agriculture and Extension Education 1 cr.

**AGED 201** Program Delivery in Agricultural, Extension, and Leadership Education 2 cr.

**SPED 330** Introduction to Special Education 3 cr.

**TED 212** Educational Psychology: Middle and Secondary Education (writing intensive) 5 cr.

**TED 252** Foundations of Multicultural Education 3 cr.

**TED 422** Content Area Literacy in Middle and Secondary Schools 3 cr.

**TED 440** Techniques of Middle/Secondary Education: Agriculture 3 cr.

**TED 475** Student Teaching: K-12 12 cr.

or **TED 479** Intern Teaching: Secondary 12 cr.

### Agricultural Education Major

#### Foundation Requirements-Select five: 14-16 cr.

**AGEC 230** Agricultural Economics I 3 cr.

**AGEN 150** Agricultural and Environmental Engineering Technology 3 cr.

**ANSC 111** Introduction to Animal Science 3 cr.

**PLSC 161** Introduction to Plant Science 3 cr.

**ESM 109** Introduction to Forestry 2 cr.

**FDSC 110** The Science of Food 3 cr. and

**FDSC 113** Introduction to Food Science Lab 1 cr.

**SOIL 120** Introduction to Soil Science 3 cr.

#### Major Requirements: 35-37 cr. hrs.

##### Required Courses (22 cr.):

**AGED 202** Leadership and Group Dynamics 3 cr.

**AGED 275** Early Field Experience 1 cr.

**AGED 369** Foundations of Career and Technical Education 3 cr.

**AGED 403** Supervision of Work Experience and Youth Organizations 3 cr.

**AGED 462** Curriculum Design in Vocational Education 3 cr.

**ANSC 231** Principles of Nutrition 3 cr.

**CROP 257** Genetics or **ANSC 257** Genetics 3 cr.

**HORT 169** Introduction to Horticulture 3 cr.

##### Choose one of the following (2-3 cr.):

**AGEC 240** Cooperatives 2 cr.

### Agricultural Education Department

324 Agricultural Science  
715-425-3555  
[www.uwrf.edu/AGED/](http://www.uwrf.edu/AGED/)

James Graham—Chair, Timothy Buttes

### General Education Requirements for the Agricultural Education Major

The following general education courses are required to meet teacher licensing requirements of the WI Department of Public Instruction:

CW (Communication - Reading and Writing)

**ENGL 100** Academic Reading and Writing (3)

CS (Communication - Speaking and Listening)

**COMS 101** Fundamentals of Oral Communication (3)

or **COMS 116** Business and Professional Communication (3)

CA (Advanced Communication)

**ENGL 200** Investigating Ideas: Reading, Writing, and the Disciplines (3)

SB (Social and Behavioral Sciences)

**HIST 201** Introduction to Asian Civilization (3)

**AGEC 355** Agricultural Markets and Prices 3 cr.

**Choose one of the following (3 cr.):**

**AGEC 360** Farm Management 3 cr.

**AGEC 361** Horticultural Business Management 3 cr.

**AGEC 460** Agribusiness Firm Management 3 cr.

**Choose one of the following (3-4 cr.):**

**AGEN 240** Structures 3 cr.

**AGEN 255** Welding and Metal Manufacturing 3 cr.

**AGEN 320** Internal Combustion Engines 3 cr.

**AGEN 333** Landscape Construction 3 cr.

**AGEN 350** Applied Electricity 3 cr.

**AGEN 440** Soil and Water Conservation 4 cr.

**Directed CAFES Electives: 5-7 cr. hrs.**

HF (Humanities and Fine Arts)

**ART 100**-Introduction to Art (3)

or **DANC 100** History/Appreciation of  
Dance (3)

or **MUS 100** Understanding Music (3)

or **PHIL/ ART 310**-Philosophy and  
History of Visual Art (3)

or **THEA 105** Introduction to Theater  
and Drama (3)

**ENGL 105** Literature and Human  
Experience (3)

or **ENGL 106** Literature: Introduction  
to Fiction, Poetry, and Drama (3)

or **ENGL 107** Heroes in Literature (3)

M (Mathematics)

**MATH 146**-College Algebra (3)

SL (Scientific Investigation)

**BIOL 150** General Biology (3)

**CHEM 115** Concepts in General  
Chemistry (3)

EC (Ethical Citizenship)

**PLSC 120** Plants and Society (3)

MD (Multidisciplinary)

**ESM 300** Environmental Education  
(3)

# UNIVERSITY OF WISCONSIN River Falls

## Agricultural Education, Initial Certification

### Overview of Program

### Master of Science Degree in Agricultural Education

### Initial Teaching Licensure

### Degree Requirements

This option is designed for students with a non-teaching baccalaureate degree seeking initial teacher licensure as agricultural education instructors.

#### **Undergraduate Requirements, 15 credits or more**

**TED 440** Techniques in Sec. Ed. - Ag., 3 credits

**TED 475**, Student Teaching K-12, 12 credits

or **TED 478** Secondary School Internship, 12 credits

Any CAFES classes needed to meet WI DPI agriculture content standards or general education certification requirements.

#### **Licensure Requirements, 27 credits**

**AGED 603** Supervision of Work Experience and Youth Organizations, 3 credits

**AGED 662** Curriculum Design in Vocational Education, 3 credits

**AGED 569** Philosophy of Vocational and Cooperative Education, 4 credits

**AGED 701** Advanced Leadership and Group Dynamics, 2 credits

**TED 745** Psychology of Teaching, 6 credits

**ESM 500** Environmental Education, 3 credits

**SPED 530** Exceptional Child, 3 credits

**READ 622** Content Area Literacy in Middle & Secondary Schools, 3 credits

#### **Research Requirements, 4-6 credits**

**AGED 781**, **AGED 782**, **AGED 783** Research Seminar in Ag Ed (1 credit each), 3 credits

**AGED 798** Independent Research, 1-3 credits

or **AGED 799** Thesis, 2-3 credits

Additional certification requirements include a portfolio, Praxis I and II tests and industry work experience.



# UNIVERSITY OF WISCONSIN River Falls

## Agricultural Education, Professional Development

### Overview of Program

### Master of Science Degree in Agricultural Education

### Professional Development in Agricultural Education

### Degree Requirements

#### **Professional Education, 7 credits**

**TED 740** Foundations of American Education, 4 credits

**TED 750** Advanced Educational Psychology, 3 credits

or **TED 760** Methods in Research, 3 credits

#### **Specialization, 20-21 credits**

**AGED 781, AGED 782, AGED 783** Research Seminar in Ag Ed (1 credit each), 3 credits

**AGED 798** Independent Research, 1-3 credits

or **AGED 799** Thesis, 2-3 credits

AGED electives, 3-6 credits

#### **Specialization Electives, 9-14 credits**

Selected upon consultation with advisor

#### **Non-Specialization, 3 credits**

Elective courses from outside the departments and selected for either professional education or specialization.

# UNIVERSITY OF WISCONSIN River Falls

## Agricultural Engineering Technology Major

### Agricultural Engineering Technology Major

#### Major Requirements 55-60 Total Credits

#### Core Courses: 29 cr. hrs.

**AGEN 185** Agricultural Engineering Technology Professional Seminar I 1 cr.

**AGEN 240** Structures 3 cr.

**AGEN 285** Agricultural Engineering Technology Professional Seminar II 1 cr.

**AGEN 350** Applied Electricity 3 cr.

**AGEN 352** Food and Process Engineering 3 cr.

**AGEN 355** Irrigation and Drainage (writing intensive) 3 cr.

**AGEN 385** Agricultural Engineering Technology Professional Seminar III 1 cr.

**AGEN 485** Agricultural Engineering Technology Professional Seminar IV 1 cr.

**GENG 121** Engineering Drawing 3 cr.

**GENG 245** Materials Design Requirements 3 cr.

**GENG 265** Engineering Graphics 3 cr.

**GENG 450** Engineering Project Management 3 cr.

**PHYS 156** General Physics Laboratory 1 cr.

#### Choose one of the following three options:

#### Agricultural Engineering Technology Option 26-29 cr. hrs.

**AGEN 320** Internal Combustion Engines 3 cr.

**AGEN 361** Machinery and Power Mechanics 3 cr.

**AGEN 363** Precision Agriculture Technology 3 cr.

**AGEN 451** Agricultural Instrumentation and Electronics (writing intensive) 2 cr.

**GENG 235** Surveying 3 cr.

#### Choose two from:

**AGEN 425** Environmental Engineering Technology 4 cr.

**AGEN 443** Controlled Environment Systems 3 cr.

**AFES 492** Experiential Learning in Agriculture, Food, and Environmental Science 3 cr.

#### Choose one from:

**AGEN 365** Waste Management Systems (writing intensive) 3 cr.

**AGEN 389** Agricultural Engineering Technology: 1/4 Scale Tractor 3 cr.

### Agricultural Engineering Technology Department

192 Agricultural Engineering Addition

715-425-3985

[Department Website](#)

Dean Olson-Chair, Joel Peterson,  
Joseph Shakal

**Choose one from:**

**AGEN 255** Welding and Metal Manufacturing 3 cr.

**GENG 201** Industrial Safety 2 cr.

**GENG 236** Advanced Surveying 3 cr.

**GENG 251** Static Strength of Materials 3 cr.

**GENG 252** Dynamics 3 cr.

**PHYS 152** Algebra-Based Physics II 4 cr.

or **PHYS 162** Calculus-Based Physics II

**Environmental Engineering Technology Option 27-28 cr. hrs.**

**CHEM 122** General Chemistry II 5 cr.

**CHEM 230** General Organic Chemistry 3 cr.

**BIOL 324** Microbiology 4 cr.

**AGEN 365** Waste Management Systems (writing intensive) 3 cr.

**AGEN 425** Environmental Engineering Technology 4 cr.

**AGEN 451** Agricultural Instrumentation and Electronics (writing intensive) 2  
cr.

**GENG 235** Surveying 3 cr.

**Choose one from:**

**GEOL 445** Hydrogeology 3 cr.

**AGEC 450** Introduction to Natural Resource Economics 3 cr.

**ESM 360** Applied Hydrology and Water Quality 4 cr.

**Mechanized Systems Management Option 28-31 cr. hrs.**

**GENG 201** Industrial Safety 2 cr.

**ENGL 367** Technical Writing 3 cr.

**AGEC 305** Agricultural Accounting 3 cr.

**AGEC 320** Statistical Methods 3 cr.

**AGEC 360** Farm Management 3 cr.

**AGEC 410** Professional Selling (writing intensive) 3 cr.

**AGEC 460** Agribusiness Firm Management (writing intensive) 3 cr.

**Choose one from:**

**AGEN 425** Environmental Engineering Technology 4 cr.

**AGEN 443** Controlled Environment Systems 3 cr.

**AGEN 451** Agricultural Instrumentation and Electronics (writing intensive) 2  
cr.

**AFES 492** Experiential Learning in Agriculture, Food, and Environmental  
Science 3 cr.

**Choose two from:**

**AGEN 320** Internal Combustion Engines 3 cr.

**AGEN 361** Machinery and Power Mechanics 3 cr.

**AGEN 363** Precision Agriculture Technology 3 cr.

**AGEN 365** Waste Management Systems (writing intensive) 3 cr.

**Required Supporting Courses: 4-14 cr. hrs.**

Computer Literacy - students who are not prepared to use word processing and spreadsheet programs to complete assignments in Agricultural Engineering Technology courses should elect **CSIS 105** in their freshman year.

UNIVERSITY OF WISCONSIN **River Falls****Agricultural Engineering Technology Minor****Agricultural Engineering Technology Minor****Minor Requirements 22 Total Credits****Required Courses: 6 cr. hrs.****AGEN 150** Introduction to Agricultural Engineering 3**GENG 265** Engineering Graphics 3**Complete one of the following sets of courses: 7-10 cr. hrs.****1 AGEN 320** Internal Combustion Engines 3**AGEN 361** Machinery and Power Mechanics 3**AGEN 465** Fluid Power Systems 3**2 AGEN 350** Applied Electricity 3**AGEN 451** Agricultural Instrumentation and Electronics (writing intensive) 2**GENG 368** CAD Applications 3**3 AGEN 352** Food and Process Engineering 3**AGEN 455** Advanced Food and Process Engineering 3**GENG 368** CAD Applications 3**4 AGEN 240** Structures 3**AGEN 333** Landscape Construction 3**GENG 450** Engineering Project Management 3**5 AGEN 355** Irrigation and Drainage (writing intensive) 3**AGEN 365** Waste Management Systems (writing intensive) 3**AGEN 425** Environmental Engineering Technology 4**Directed electives in Agricultural Engineering Technology or General Engineering: 6-9 cr. hrs.****Agricultural  
Engineering  
Technology  
Department**

192 Agricultural Engineering Addition

715-425-3985

[Department Website](#)Dean Olson-Chair, Joel Peterson,  
Joseph Shakal

# UNIVERSITY OF WISCONSIN River Falls

## Agricultural Studies Major

**A minor in any agricultural subject area is required.**

### General Education Requirements

As listed under General Education with the following exceptions:

Social and Behavioral: **ESM 105**, Introduction to Environmental Studies  
Sciences: **CHEM 121**, General Chemistry or **CHEM 120**, Introduction to General Chemistry

Mathematics: **MATH 146**, College Algebra, or equivalent

#### Foundation Requirements 15 cr. hrs.

**AGEC 230** Agricultural Economics I 3 cr.

**AGEN 150** Agricultural and Environmental Engineering Technology 3 cr.

**CROP 161** Introduction to Plant Science

or **HORT 161** Introduction to Plant Science 3 cr.

**ANSC 111** Introduction to Animal Science 3 cr.

**SOIL 120** Introduction to Soil Science 3 cr.

### Agricultural Studies Major

The Agricultural Studies major enables the student to gain a breadth of knowledge about many areas within the field of agriculture, food and environmental science. A relatively large course elective component allows students to be flexible in meeting individual needs. For example, students may elect courses in agricultural communications under this major.

## Agricultural Studies

Dean's Office

210 Agricultural Science

715-425-3841

Agricultural Studies is a four-year Bachelor of Science degree program. Students majoring in Agricultural Studies will acquire broad knowledge in the fields of agriculture, food and the environmental sciences. Students may also pursue individual special interests through elective classes. In consultation with an adviser, students may choose elective courses in areas such as agronomy, animal science, communications, marketing, management, international studies, etc. The Agricultural Studies major also requires completion of a minor in an agricultural subject area.

[Learn more about the Agricultural Studies Program](#)

[College Requirements](#)

[General Education Requirements](#)

[University Requirements](#)

# UNIVERSITY OF WISCONSIN River Falls

## Alternative Education

### Overview of Program

### Program Curriculum

To qualify for Wisconsin certification in alternative education, students will complete four core classes (eight credits) and a certification portfolio as specified by the [Wisconsin Department of Public Instruction](#).

Students will also complete a practicum concurrently with the four core classes. To do so, students need to be working in an alternative education program or arrange to have access to a program so that observations can be made and conversations held with practitioners.

#### Offered in Summer:

**AED 700** History and Philosophy of Alternative Education, 2 credits

#### Offered in Fall:

**AED 701** Alternative Education Students: Who are They?, 2 credits

**AED 702** Teaching and Working with Alternative Students, 2 credits

#### Offered in Spring:

**AED 703** Building and Evaluating Alternative Programs, 2 credits

#### Elective Course

**AED 689** Topics in Alternative Education , 2 credits

College of Education  
and Professional  
Studies

Graduate Programs  
For More Information

Michael Harris  
715-425-3774

# UNIVERSITY OF WISCONSIN River Falls

## Animal Science Major

### General Education Requirements

**As listed with the following exceptions:**

CS (Communication/Speaking and Listening) designator:

COMS 101 or COMS 116 is required

SL (Scientific Investigation) / S (Sciences) designator:

BIOL 150 is required

CHEM 120 or CHEM 121 is required

**Foundation Courses in Agriculture: 9-12 cr. hrs., depending on emphasis**

**Required Courses for all emphases:**

ANSC 111 Introduction to Animal Science 3 cr.

AGEC 230 Agricultural Economics I 3 cr.

**Select 2 from the following (Meat Animal and Equine emphases):**

**Select 1 from the following (Veterinary Technology emphasis):**

FDSC 110 The Science of Food 3 cr.

AGEN 150 Introduction to Ag Engineering 3 cr.

PLSC 161 Introduction to Plant Science 3 cr.

SOIL 210 Introduction to Soils 3 cr.

The Animal Science Major offers three separate emphases:

Meat Animal / Equine / Veterinary Technology

Meat Animal

Equine

Veterinary Technology

### Animal Science Major - Meat Animal Emphasis

**Required Courses: 34 cr. hrs.**

ANSC 231 Principles of Nutrition 3 cr.

ANSC 232 Applied Feeds and Feeding 3 cr.

ANSC 257 Genetics 3 cr.

ANSC 260 Animal Physiology 4 cr.

ANSC 345 Animal Health 2 cr.

ANSC 346 Principles of Animal Breeding 3 cr.

ANSC 433 Advanced Nutrition 3 cr.

ANSC 448 Reproductive Physiology 3 cr.

### Department of Animal and Food Science

247 Agricultural Science  
715-425-3704  
[www.uwrf.edu/ANFS/](http://www.uwrf.edu/ANFS/)

Gary Onan-Chair, Larry Baumann,  
Perry Clark, Dennis Cooper, Kari Ekenstedt, Michelle Farner, Kristina Hiney, Sylvia Kehoe, Steve Kelm, Justin Luther, Nathan O'Connor, Amy Radunz, Peter Rayne, Danielle Smarsh, Kurt Vogel, Bonnie Walters, Steve Watters



**ANSC 485** Seminar: Animal Science 1 cr.

**ANSC 238** Meat and Meat Products 3 cr.

**ANSC 366** Swine Production 3 cr.

**or ANSC 367** Beef Production 3 cr.

**and** choose one from:

**ANSC 240** Meat Product Processing 3 cr.

**or ANSC 467** Feedlot Management 3 cr.

**or** a second production course from **ANSC 365**, **ANSC 366**, **ANSC 367**,  
or **ANSC 368** 3 cr.

### Management Option: 22 cr. hrs.

**Required Courses: 10 cr. hrs.**

**CHEM 230** General Organic Chemistry 3 cr.

**AGBI 251** Agricultural Biochemistry 3 cr.

**BIOL 324** Microbiology 4 cr.

**Directed Electives: 12 cr. hrs.**

**Choose two courses from:**

**AGEC 305** Agricultural Accounting 3 cr.

**AGEC 345** Agricultural Law 3 cr.

**AGEC 355** Agricultural Markets and Prices 3 cr.

**AGEC 360** Farm Management 3 cr.

**AGEC 365** Agricultural Finance 3 cr.

**AFES 310** Agriculture Human Resource Management 3 cr.

Select a total of six credits of 200 level or higher courses from Food Science, Agricultural Education, Agricultural Economics, Agricultural Engineering, Plant and Earth Science, Modern Language, or the College of Business and Economics. 6 cr.

### Science Option: 32-37 cr. hrs.

**Required Courses:**

**CHEM 122** General Chemistry II 5 cr.

**CHEM 231** Organic Chemistry I 3 cr.

**CHEM 236** Organic Chemistry Lab I 1 cr.

**or CHEM 246** Synthetic and Analytical Techniques I 2 cr.

**CHEM 232** Organic Chemistry II 3 cr.

**CHEM 237** Organic Chemistry Lab II 1 cr.

**or CHEM 247** Synthetic and Analytical Techniques II 2 cr.

**CHEM 361** Biochemistry I 3 cr.

**MATH 147** College Algebra and Trigonometry 3 cr.

**or MATH 149** Precalculus 4 cr.

**or MATH 166** Calculus I 4 cr.

**PHYS 151** General Physics 4 cr.

**or PHYS 161** General Physics 4 cr.

**ANSC 341** Biometrics 3 cr.

**BIOL 324** Microbiology 4 cr.

**Directed Electives: 2-4 cr. hrs.**

**Choose one from the following:**

**ANSC 447** Endocrinology 2 cr.

**BIOL 230** General Zoology 3 cr.

**BIOL 240** Cell Biology 3 cr.

**CHEM 362** Biochemistry II 3 cr.

**CHEM 461** Pharmacology 3 cr.

**PHYS 152** General Physics II 4 cr.

**PHYS 162** General Physics II 4 cr.

### Minor Option: 22-24 cr. hrs.

As an alternative to the Management or Science option, students can pair the Animal Science major with an academic minor to develop a more in-depth understanding of a second area of interest.

Any minor of 22-24 credits or second major (other than Animal Science, Dairy Science, or Ag Studies). In addition to the minor or second major the following three courses are required:

**CHEM 230** General Organic Chemistry 3 cr.

**AGBI 251** Agricultural Biochemistry 3 cr.

**BIOL 324** Microbiology 4 cr.

## Animal Science Major-Equine Emphasis

**Required Courses: 36 cr. hrs.**

**ANSC 231** Principles of Nutrition 3 cr.

**ANSC 232** Applied Feeds and Feeding 3 cr.

**ANSC 257** Genetics 3 cr.

**ANSC 260** Animal Physiology 4 cr.

**ANSC 345** Animal Health 2 cr.

**ANSC 346** Principles of Animal Breeding 3 cr.

**ANSC 433** Advanced Nutrition 3 cr.

**ANSC 448** Reproductive Physiology 3 cr.

**ANSC 485** Seminar: Animal Science 1 cr.

**ANSC 167** Equine Management and Equitation 2 cr.

**ANSC 168** Equine Equitation and Management Lab 2 cr.

**ANSC 369** Equine Production 4 cr.

**ANSC 261** Advanced Horsemanship 3 cr.

or ANSC 268 Balanced Seat Applications 3 cr.

### Management Option: 22 cr. hrs.

#### Required Courses: 6 cr. hrs.

CHEM 230 General Organic Chemistry 3 cr.

AGBI 251 Agricultural Biochemistry 3 cr.

#### Directed Electives: 12 cr. hrs.

##### Choose two courses from:

AGEC 305 Agricultural Accounting 3 cr.

AGEC 345 Agricultural Law 3 cr.

AGEC 355 Agricultural Markets and Prices 3 cr.

AGEC 360 Farm Management 3 cr.

AGEC 365 Agricultural Finance 3 cr.

AFES 310 Agriculture Human Resource Management 3 cr.

Select a total of six credits of 200 level or higher courses from Food Science, Agricultural Education, Agricultural Economics, Agricultural Engineering, Plant and Earth Science, Modern Language, or the College of Business and Economics. 6 cr.

### Science Option: 32-37 cr. hrs.

#### Required Courses:

CHEM 122 General Chemistry II 5 cr.

CHEM 231 Organic Chemistry I 3 cr.

CHEM 236 Organic Chemistry Lab I 1 cr.

or CHEM 246 Synthetic and Analytical Techniques I 2 cr.

CHEM 232 Organic Chemistry II 3 cr.

CHEM 237 Organic Chemistry Lab II 1 cr.

or CHEM 247 Synthetic and Analytical Techniques II 2 cr.

CHEM 361 Biochemistry I 3 cr.

MATH 147 College Algebra and Trigonometry 3 cr.

or MATH 149 Precalculus 4 cr.

or MATH 166 Calculus I 4 cr.

PHYS 151 General Physics 4 cr.

or PHYS 161 General Physics 4 cr.

ANSC 341 Biometrics 3 cr.

BIOL 324 Microbiology 4 cr.

#### Directed Electives: 2-4 cr. hrs.

##### Choose one from the following:

ANSC 447 Endocrinology 2 cr.

BIOL 230 General Zoology 3 cr.

BIOL 240 Cell Biology 3 cr.

CHEM 362 Biochemistry II 3 cr.

**CHEM 461** Pharmacology 3 cr.

**PHYS 152** General Physics II 4 cr.

**PHYS 162** General Physics II 4 cr.

### Minor Option: 22-24 cr. hrs.

As an alternative to the Management or Science option, students can pair the Animal Science major with an academic minor to develop a more in-depth understanding of a second area of interest.

Any minor of 22-24 credits or second major (other than Animal Science, Dairy Science, or Ag Studies). In addition to the minor or second major the following two courses are required:

**CHEM 230** General Organic Chemistry 3 cr.

**AGBI 251** Agricultural Biochemistry 3 cr.

## Animal Science Major-Veterinary Technology Emphasis

### Required Courses: 79 cr. hrs.

**ANSC 121** Companion Animals 2 cr.

**ANSC 231** Principles of Nutrition 3 cr.

**ANSC 232** Applied Feeds and Feeding 3 cr.

**ANSC 257** Genetics 3 cr.

**ANSC 260** Animal Physiology 4 cr.

**ANSC 345** Animal Health 2 cr.

**ANSC 346** Principles of Animal Breeding 3 cr.

**ANSC 433** Advanced Nutrition 3 cr.

**ANSC 448** Reproductive Physiology 3 cr.

**ANSC 485** Seminar: Animal Science 1 cr.

**CHEM 230** General Organic Chemistry

**or CHEM 231** Organic Chemistry I 3 cr.

**AGBI 251** Agricultural Biochemistry

**or CHEM 361** Biochemistry I 3 cr.

**BIOL 230** General Zoology 3 cr.

**BIOL 324** Microbiology 4 cr.

**39 credits transferred from an accredited Veterinary Technician program**

# UNIVERSITY OF WISCONSIN River Falls

## Animal Science Minor

### Animal Science Minor

**Minor Requirements: 22 cr. hrs.**

**Required Courses: 12 cr. hrs.**

**ANSC 111** Introduction to Animal Science 3 cr.

**ANSC 231** Principles of Nutrition 3 cr.

**ANSC 232** Applied Feeds and Feeding 3 cr.

**ANSC 257** Genetics 3 cr.

**Directed Electives 3-4 cr. hrs.**

**Choose one course from the following:**

**ANSC 365** Poultry Production 3 cr.

**ANSC 366** Swine Production 3 cr.

**ANSC 367** Beef Production 3 cr.

**ANSC 368** Sheep Production 3 cr.

**ANSC 369** Equine Production 4 cr.

**Animal Science Electives 6-7 cr. hrs.**

Any combination of additional Animal Science (ANSC) courses to bring total credits in minor to a minimum of 22 cr. hrs.

### Department of Animal and Food Science

**247 Agricultural Science**  
**715-425-3704**  
**[www.uwrf.edu/ANFS/](http://www.uwrf.edu/ANFS/)**

Gary Onan-Chair, Larry Baumann,  
Perry Clark, Dennis Cooper, Kari  
Ekenstedt, Michelle Farner, Kristina  
Hiney, Sylvia Kehoe, Steve Kelm,  
Justin Luther, Nathan O'Connor, Amy  
Radunz, Peter Rayne, Danielle  
Smarsh, Kurt Vogel, Bonnie Walters,  
Steve Watters

UNIVERSITY OF WISCONSIN **River Falls****Anthropology Minor****Anthropology Minor—24 Total Credits****Required Courses 12 cr. hrs.**

**ANTH 100** Introduction to Anthropology

(supporting course - counts 3 cr. hrs. in general education)

**SOCI 231** Sociology of Globalization 3 cr.

**SOCI 314/ANTH 314** Faces of Culture 3 cr.

**SOCI 333/ANTH 333** Human and Cultural Origins 3 cr.

*Choose one of the following:*

**SOCI 220** Sociology of Diversity: Race, Class and Gender 3 cr.

**SOCI 220/ANTH 322** Race and Ethnicity 3 cr.

**General Electives in Sociology/Anthropology 12 cr. hrs.**

*Choose from:*

**SOCI 316/ANTH 316** Social and Cultural Change 3 cr.

**SOCI 326/WGST 326** Sociology of Gender Roles 3 cr.

**SOCI 331/ANTH 331/WGST 331** Global Perspectives on Women 3 cr.

**SOCI 332** Environmental Sociology 3 cr.

**SOCI 338/ANTH 338** Global Perspectives on Health and Disease 3 cr.

**SOCI 342/WGST 342** Sociology of the Family 3 cr.

**SOCI 395/ANTH 395** Belize Study Tour 3 cr.

**Department of  
Sociology,  
Anthropology, and  
Criminal Justice**

**333 Kleinpell Fine Arts  
715-425-3992  
[www.uwrf.edu/SOCI/](http://www.uwrf.edu/SOCI/)**

Rich Wallace-Chair, Erika Busse,  
Tricia Davis, B. Paige Miller, Edward  
Robins, Forrest Rodgers, Katie  
Schubert

# UNIVERSITY OF WISCONSIN River Falls

## Art Major

Art

BFA

Art Education

### Art (BS)

#### Degree Program (57 credits)

All classes are 3 credits unless otherwise specified.

#### Required Supporting Course (3 credits)

University general requirement. Credits not included in BFA degree program credit count. Special section of ART 100 for art degree seeking students.

**ART 100** Introduction to Visual Art (Section 6)

#### Core Requirements (24 credits)

**ART 121** 2D Design Foundation

**ART 122** 3D Design Foundation

**ART 131** Drawing I

**ART 132** Drawing II

**ART 211** Western Art to 1500

**ART 212** Renaissance to Early Modern Art History

**ART 213** Art Since 1945: Modern and Contemporary Art History

**ART 485** Art Seminar

#### Introductory Courses (18 credits)

Select at least 18 credits from the following:

\* Indicates a repeatable course used to accumulate credits.

**ART 226** Introduction to Fibers

**ART 227** Introduction to Ceramics

**ART 229** Introduction to Glass

**ART 230** Cold Glass

**ART 235** Introduction to Photography

**ART 236** Introduction to Printmaking

**ART 237** Introduction to Sculpture

**ART 238** Introduction to Painting

**ART 241** Graphic Design I

**ART 242** Design Studio I

\* **ART 289** Special Topics (1-3 cr.)

**ART 291** Asian Art History

**ART 292** Introduction to Art Therapy

## Art Department

172 Kleinpell Fine Arts

715-425-3266

[www.uwrf.edu/ART/](http://www.uwrf.edu/ART/)

### FACULTY

- **Eoin Breadon**, Glass
- **Morgan Clifford**, Art Seminar, Fibers
- **Heather Delisle**, Art Education
- **Bernice Ficek-Swenson**, Drawing, Printmaking
- **Mike Helke**, Introduction to Art
- **Randy Johnston**, Drawing, Ceramics
- **Brett Kallusky**, Photography
- **Jeannine Kitzhaber**, Drawing, Painting
- **Ann Lawton**, Introduction to Art
- **Peter Mak**, Drawing, Painting
- **Asako Nakauchi**, Sculpture
- **Dan Paulus**, Graphic Design
- **Erika Prater**, Art History
- **Kaylee Spencer** (Chair), Art History
- **Lyz Wendland**, Introduction to Art
- **Rhonda Willers**, Ceramics, Introduction to Art

### ACADEMIC DEPARTMENT ASSOCIATE

- **Susie Zimmer**

**Upper Division Courses (15 credits)**

Select at least 15 credits from the following:

\* Indicates a repeatable course used to accumulate credits.

ART 308 History of Design

ART/PHIL 310 Philosophy and History of Visual Art

ART 321 Gender and Art

\* ART 326 Studio-Fibers

\* ART 327 Studio-Ceramics

\* ART 329 Studio-Glass

\* ART 330 Studio-Drawing

\* ART 335 Studio-Photography

\* ART 336 Studio-Printmaking

\* ART 337 Studio-Sculpture

\* ART 338 Studio-Painting

\* ART 389 Special Topics (1-3 cr.)

ART 392 Pre-Columbian Art History

ART 486 Senior Exhibition (1 cr.)

### Art History

**Bachelor of Fine Arts (BFA) in Art History****Degree Program (67 credits)**

All classes are 3 credits unless otherwise specified.

**Required Supporting Course (3 credits)**

University general requirement. Credits not included in BFA degree program credit count. Special section of ART 100 for art degree seeking students.

ART 100 Introduction to Visual Art (Section 6)

**BFA Core Requirements (28 credits)**

ART 121 2D Design Foundation

ART 122 3D Design Foundation

ART 131 Drawing I

ART 132 Drawing II

ART 211 Western Art to 1500

ART 212 Renaissance to Early Modern Art History

ART 213 Art Since 1945: Modern and Contemporary Art History

ART 320 Drawing from the Figure

ART 485 Art Seminar

ART 486 Senior Exhibition (1 cr.)



**Introductory Courses (18 credits)**

Select at least 18 credits from the following:

\*\* Indicates required Art History emphasis course.

\* Indicates a repeatable course used to accumulate credits.

ART 226 Introduction to Fibers

ART 227 Introduction to Ceramics

ART 229 Introduction to Glass

ART 230 Cold Glass

ART 235 Introduction to Photography

ART 236 Introduction to Printmaking

ART 237 Introduction to Sculpture

ART 238 Introduction to Painting

ART 241 Graphic Design I

\* ART 289 Special Topics (1-3 cr.)

ART 292 Introduction to Art Therapy

\*\* ART 392 Pre-Columbian Art History

**Art History Emphasis Area (15 credits)**

Select at least 15 credits from the following:

\* Indicates a repeatable course used to accumulate credits.

ART 291 Asian Art History

ART 308 History of Design

ART/PHIL 310 Philosophy and History of Visual Art

ART 321 Gender and Art

\* ART 389 Special Topics (1-3 cr.)

**Secondary Emphasis Area (6 credits)**

Select at least 6 credits from the following:

\* Indicates a repeatable course used to accumulate credits.

ART 242 Design Studio I

ART 243 Typography I

\* ART 326 Studio-Fibers

\* ART 327 Studio-Ceramics

\* ART 329 Studio-Glass

\* ART 330 Studio-Drawing

\* ART 335 Studio-Photography

\* ART 336 Studio-Printmaking

\* ART 337 Studio-Sculpture

\* ART 338 Studio-Painting

\* ART 389 Special Topics (1-3 cr.)

**Supporting Courses (3 courses)**

College level requirement. Credits not included in BFA program credit count. Choose from the recommended supporting courses listed below below or from any College of Arts and Sciences courses with consent from advisor.

**ANTH 100** Introduction to Anthropology

**CBE 370** International Study Tour for Business & Economics

**COMS 207** Listening Skills

**COMS 311** Persuasion

**DANC 100** Dance Appreciation

**DFT/FILM 200** Introduction to Film Studies

**DFT 353** Mass Media & Popular Culture

**ENGL 251** Advanced Composition

**ENGL 262** Creative Writing

**ENGL 266** Business Writing

**ENGL 367** Technical Writing

**ENGL 270** Visual Rhetoric: Document Design and Graphics

**ENGL 277** Experience Ireland: Culture and Landscape

**ENGL/FILM/WGST 300** Women, Film and Society

**ENGL 374** Cyberliteracy and Writing on the Web

**ENGL 387** Technical and Professional Editing

**FILM 200** Introduction to Film Studies

**FILM 310** Sociology Through Film

**FILM 442** World Cinema (g)

**GEOG 120** Human Geography

**HIST 371** Study Tour Research

**HIST 382** Culture and Civilization of Italy: History and Art from Antiquity to Baroque (g)

**JOUR 123** Editing for Print Media

**JOUR 240** Introduction to Visual Communication

**MARC 360** Advertising

**MODL 376** Mexico: Cultural Experience (g)

**PHY 350** Science and Art

**PSYC 236** Developmental Psychology:  
Childhood and Adolescence

**PSYC 336** Developmental Psychology: Adulthood and Aging

**SOCI/ANTH 395** Belize Study Tour (g)

**THEA 105** Introduction to Theatre & Drama

**THEA 131** Design for the Theatre

**THEA 227** World Puppetry (g)

**THEA 339** American Theatre

**UNIV 379** International Internship

**WIS 310** Scotland: Heritage & Culture

Ceramics

**Bachelor of Fine Arts (BFA) in Ceramics**

**Degree Program (67 credits)**

All classes are 3 credits unless otherwise specified.

**Required Supporting Course (3 credits)**

University general requirement. Credits not included in BFA degree program credit count. Special section of ART 100 for art degree seeking students.

**ART 100** Introduction to Visual Art (Section 6)

**BFA Core Requirements (28 credits)**

**ART 121** 2D Design Foundation

**ART 122** 3D Design Foundation

**ART 131** Drawing I

**ART 132** Drawing II

**ART 211** Western Art to 1500

**ART 212** Renaissance to Early Modern Art History

**ART 213** Art Since 1945: Modern and Contemporary Art History

**ART 320** Drawing from the Figure

**ART 485** Art Seminar

**ART 486** Senior Exhibition (1 cr.)

**Introductory Courses (18 credits)**

Select at least 18 credits from the following:

\*\* Indicates required Ceramics emphasis course.

\* Indicates a repeatable course used to accumulate credits.

**ART 226** Introduction to Fibers

\*\* **ART 227** Introduction to Ceramics

**ART 229** Introduction to Glass

**ART 230** Cold Glass

**ART 235** Introduction to Photography

**ART 236** Introduction to Printmaking

**ART 237** Introduction to Sculpture

**ART 238** Introduction to Painting

**ART 241** Graphic Design I

\* **ART 289** Special Topics (1-3 cr.)

**ART 291** Asian Art History

**ART 292** Introduction to Art Therapy

**Ceramics Emphasis Area (15 credits)**

Select at least 15 credits from the following:

\*\* Indicates required Ceramics emphasis course.

\* Indicates a repeatable course used to accumulate credits.

\*\* [ART 327](#) Studio-Ceramics

\* [ART 389](#) Special Topics (1-3 cr.)

**Secondary Emphasis Area (6 credits)**

Select at least 6 credits from the following:

\* Indicates a repeatable course used to accumulate credits.

[ART 242](#) Design Studio I

[ART 243](#) Typography I

[ART 308](#) History of Design

[ART/PHIL 310](#) Philosophy and History of Visual Art

[ART 321](#) Gender and Art

\* [ART 326](#) Studio-Fibers

\* [ART 329](#) Studio-Glass

\* [ART 330](#) Studio-Drawing

\* [ART 335](#) Studio-Photography

\* [ART 336](#) Studio-Printmaking

\* [ART 337](#) Studio-Sculpture

\* [ART 338](#) Studio-Painting

\* [ART 389](#) Special Topics (1-3 cr.)

[ART 392](#) Pre-Columbian Art History

**Supporting Courses (3 courses)**

College level requirement. Credits not included in BFA program credit count. Choose from the recommended supporting courses listed below or from any College of Arts and Sciences courses with consent from advisor.

[ANTH 100](#) Introduction to Anthropology

[CBE 370](#) International Study Tour for Business & Economics

[COMS 207](#) Listening Skills

[COMS 311](#) Persuasion

[DANC 100](#) Dance Appreciation

[DFT/FILM 200](#) Introduction to Film Studies

[DFT 353](#) Mass Media & Popular Culture

[ENGL 251](#) Advanced Composition

[ENGL 262](#) Creative Writing

[ENGL 266](#) Business Writing

[ENGL 367](#) Technical Writing

[ENGL 270](#) Visual Rhetoric: Document Design and Graphics

**ENGL 277** Experience Ireland: Culture and Landscape  
**ENGL/FILM/WGST 300** Women, Film and Society  
**ENGL 374** Cyberliteracy and Writing on the Web  
**ENGL 387** Technical and Professional Editing  
**FILM 200** Introduction to Film Studies  
**FILM 310** Sociology Through Film  
**FILM 442** World Cinema (g)  
**GEOG 120** Human Geography  
**HIST 371** Study Tour Research  
**HIST 382** Culture and Civilization of Italy: History and Art  
from Antiquity to Baroque (g)  
**JOUR 123** Editing for Print Media  
**JOUR 240** Introduction to Visual Communication  
**MARC 360** Advertising  
**MODL 376** Mexico: Cultural Experience (g)  
**PHY 350** Science and Art  
**PSYC 236** Developmental Psychology:  
Childhood and Adolescence  
**PSYC 336** Developmental Psychology: Adulthood and Aging  
**SOCI/ANTH 395** Belize Study Tour (g)  
**THEA 105** Introduction to Theatre & Drama  
**THEA 131** Design for the Theatre  
**THEA 227** World Puppetry (g)  
**THEA 339** American Theatre  
**UNIV 379** International Internship  
**WIS 310** Scotland: Heritage & Culture

## Drawing

### **Bachelor of Fine Arts (BFA) in Drawing**

#### **Degree Program (67 credits)**

All classes are 3 credits unless otherwise specified.

#### **Required Supporting Course (3 credits)**

University general requirement. Credits not included in BFA degree program credit count. Special section of ART 100 for art degree seeking students.

**ART 100** Introduction to Visual Art (Section 6)

#### **BFA Core Requirements (28 credits)**

**ART 121** 2D Design Foundation

**ART 122** 3D Design Foundation

ART 131 Drawing I

ART 132 Drawing II

ART 211 Western Art to 1500

ART 212 Renaissance to Early Modern Art History

ART 213 Art Since 1945: Modern and Contemporary Art History

ART 320 Drawing from the Figure

ART 485 Art Seminar

ART 486 Senior Exhibition (1 cr.)

### **Introductory Courses (18 credits)**

Select at least 18 credits from the following:

\* Indicates a repeatable course used to accumulate credits.

ART 226 Introduction to Fibers

ART 227 Introduction to Ceramics

ART 229 Introduction to Glass

ART 230 Cold Glass

ART 235 Introduction to Photography

ART 236 Introduction to Printmaking

ART 237 Introduction to Sculpture

ART 238 Introduction to Painting

ART 241 Graphic Design I

\* ART 289 Special Topics (1-3 cr.)

ART 291 Asian Art History

ART 292 Introduction to Art Therapy

### **Drawing Emphasis Area (15 credits)**

Select at least 15 credits from the following:

\*\* Indicates required Drawing emphasis course.

\* Indicates a repeatable course used to accumulate credits.

\*\* ART 330 Studio-Drawing

\* ART 389 Special Topics (1-3 cr.)

### **Secondary Emphasis Area (6 credits)**

Select at least 6 credits from the following:

\* Indicates a repeatable course used to accumulate credits.

ART 242 Design Studio I

ART 243 Typography I

ART 308 History of Design

ART/PHIL 310 Philosophy and History of Visual Art

ART 321 Gender and Art

\* ART 326 Studio-Fibers

\* ART 327 Studio-Ceramics

- \* ART 329 Studio-Glass
- \* ART 335 Studio-Photography
- \* ART 336 Studio-Printmaking
- \* ART 337 Studio-Sculpture
- \* ART 338 Studio-Painting
- \* ART 389 Special Topics (1-3 cr.)
- ART 392 Pre-Columbian Art History

**Supporting Courses (3 courses)**

College level requirement. Credits not included in BFA program credit count. Choose from the recommended supporting courses listed below or from any College of Arts and Sciences courses with consent from advisor.

- ANTH 100 Introduction to Anthropology
- CBE 370 International Study Tour for Business & Economics
- COMS 207 Listening Skills
- COMS 311 Persuasion
- DANC 100 Dance Appreciation
- DFT/FILM 200 Introduction to Film Studies
- DFT 353 Mass Media & Popular Culture
- ENGL 251 Advanced Composition
- ENGL 262 Creative Writing
- ENGL 266 Business Writing
- ENGL 367 Technical Writing
- ENGL 270 Visual Rhetoric: Document Design and Graphics
- ENGL 277 Experience Ireland: Culture and Landscape
- ENGL/FILM/WGST 300 Women, Film and Society
- ENGL 374 Cyberliteracy and Writing on the Web
- ENGL 387 Technical and Professional Editing
- FILM 200 Introduction to Film Studies
- FILM 310 Sociology Through Film
- FILM 442 World Cinema (g)
- GEOG 120 Human Geography
- HIST 371 Study Tour Research
- HIST 382 Culture and Civilization of Italy: History and Art from Antiquity to Baroque (g)
- JOUR 123 Editing for Print Media
- JOUR 240 Introduction to Visual Communication
- MARC 360 Advertising
- MODL 376 Mexico: Cultural Experience (g)
- PHY 350 Science and Art

**PSYC 236** Developmental Psychology:  
Childhood and Adolescence

**PSYC 336** Developmental Psychology: Adulthood and Aging

**SOCI/ANTH 395** Belize Study Tour (g)

**THEA 105** Introduction to Theatre & Drama

**THEA 131** Design for the Theatre

**THEA 227** World Puppetry (g)

**THEA 339** American Theatre

**UNIV 379** International Internship

**WIS 310** Scotland: Heritage & Culture

## Fibers

### **Bachelor of Fine Arts (BFA) in Fibers**

#### **Degree Program (67 credits)**

All classes are 3 credits unless otherwise specified.

#### **Required Supporting Course (3 credits)**

University general requirement. Credits not included in BFA degree program credit count. Special section of ART 100 for art degree seeking students.

**ART 100** Introduction to Visual Art (Section 6)

#### **BFA Core Requirements (28 credits)**

**ART 121** 2D Design Foundation

**ART 122** 3D Design Foundation

**ART 131** Drawing I

**ART 132** Drawing II

**ART 211** Western Art to 1500

**ART 212** Renaissance to Early Modern Art History

**ART 213** Art Since 1945: Modern and Contemporary Art History

**ART 320** Drawing from the Figure

**ART 485** Art Seminar

**ART 486** Senior Exhibition (1 cr.)

#### **Introductory Courses (18 credits)**

Select at least 18 credits from the following:

\*\* Indicates required Fibers emphasis course.

\* Indicates a repeatable course used to accumulate credits.

\*\* **ART 226** Introduction to Fibers

**ART 227** Introduction to Ceramics

**ART 229** Introduction to Glass



ART 230 Cold Glass

ART 235 Introduction to Photography

ART 236 Introduction to Printmaking

ART 237 Introduction to Sculpture

ART 238 Introduction to Painting

ART 241 Graphic Design I

\* ART 289 Special Topics (1-3 cr.)

ART 291 Asian Art History

ART 292 Introduction to Art Therapy

### **Fibers Emphasis Area (15 credits)**

Select at least 15 credits from the following:

\*\* Indicates required Fibers emphasis course.

\* Indicates a repeatable course used to accumulate credits.

\*\* ART 326 Studio-Fibers

\* ART 389 Special Topics (1-3 cr.)

### **Secondary Emphasis Area (6 credits)**

Select at least 6 credits from the following:

\* Indicates a repeatable course used to accumulate credits.

ART 242 Design Studio I

ART 243 Typography I

ART 308 History of Design

ART/PHIL 310 Philosophy and History of Visual Art

ART 321 Gender and Art

\* ART 327 Studio-Ceramics

\* ART 329 Studio-Glass

\* ART 330 Studio-Drawing

\* ART 335 Studio-Photography

\* ART 336 Studio-Printmaking

\* ART 337 Studio-Sculpture

\* ART 338 Studio-Painting

\* ART 389 Special Topics (1-3 cr.)

ART 392 Pre-Columbian Art History

### **Supporting Courses (3 courses)**

College level requirement. Credits not included in BFA program credit count. Choose from the recommended supporting courses listed below or from any College of Arts and Sciences courses with consent from advisor.

ANTH 100 Introduction to Anthropology

CBE 370 International Study Tour for Business & Economics

**COMS 207** Listening Skills  
**COMS 311** Persuasion  
**DANC 100** Dance Appreciation  
**DFT/FILM 200** Introduction to Film Studies  
**DFT 353** Mass Media & Popular Culture  
**ENGL 251** Advanced Composition  
**ENGL 262** Creative Writing  
**ENGL 266** Business Writing  
**ENGL 367** Technical Writing  
**ENGL 270** Visual Rhetoric: Document Design and Graphics  
**ENGL 277** Experience Ireland: Culture and Landscape  
**ENGL/FILM/WGST 300** Women, Film and Society  
**ENGL 374** Cyberliteracy and Writing on the Web  
**ENGL 387** Technical and Professional Editing  
**FILM 200** Introduction to Film Studies  
**FILM 310** Sociology Through Film  
**FILM 442** World Cinema (g)  
**GEOG 120** Human Geography  
**HIST 371** Study Tour Research  
**HIST 382** Culture and Civilization of Italy: History and Art  
 from Antiquity to Baroque (g)  
**JOUR 123** Editing for Print Media  
**JOUR 240** Introduction to Visual Communication  
**MARC 360** Advertising  
**MODL 376** Mexico: Cultural Experience (g)  
**PHY 350** Science and Art  
**PSYC 236** Developmental Psychology:  
 Childhood and Adolescence  
**PSYC 336** Developmental Psychology: Adulthood and Aging  
**SOCI/ANTH 395** Belize Study Tour (g)  
**THEA 105** Introduction to Theatre & Drama  
**THEA 131** Design for the Theatre  
**THEA 227** World Puppetry (g)  
**THEA 339** American Theatre  
**UNIV 379** International Internship  
**WIS 310** Scotland: Heritage & Culture

Glass

**Bachelor of Fine Arts (BFA) in Glass**

**Degree Program (67 credits)**

All classes are 3 credits unless otherwise specified.

**Required Supporting Course (3 credits)**

University general requirement. Credits not included in BFA degree program credit count. Special section of ART 100 for art degree seeking students.

**ART 100** Introduction to Visual Art (Section 6)

**BFA Core Requirements (28 credits)**

**ART 121** 2D Design Foundation

**ART 122** 3D Design Foundation

**ART 131** Drawing I

**ART 132** Drawing II

**ART 211** Western Art to 1500

**ART 212** Renaissance to Early Modern Art History

**ART 213** Art Since 1945: Modern and Contemporary Art History

**ART 320** Drawing from the Figure

**ART 485** Art Seminar

**ART 486** Senior Exhibition (1 cr.)

**Introductory Courses (18 credits)**

Select at least 18 credits from the following:

\*\* Indicates required Glass emphasis course.

\* Indicates a repeatable course used to accumulate credits.

**ART 226** Introduction to Fibers

**ART 227** Introduction to Ceramics

\*\* **ART 229** Introduction to Glass

\*\* **ART 230** Cold Glass

**ART 235** Introduction to Photography

**ART 236** Introduction to Printmaking

**ART 237** Introduction to Sculpture

**ART 238** Introduction to Painting

**ART 241** Graphic Design I

\* **ART 289** Special Topics (1-3 cr.)

**ART 291** Asian Art History

**ART 292** Introduction to Art Therapy

**Glass Emphasis Area (15 credits)**

Select at least 15 credits from the following:

\*\* Indicates required Glass emphasis course.

\* Indicates a repeatable course used to accumulate credits.

\*\* **ART 329** Studio-Glass

\* **ART 389** Special Topics (1-3 cr.)

**Secondary Emphasis Area (6 credits)**

Select at least 6 credits from the following:

\* Indicates a repeatable course used to accumulate credits.

ART 242 Design Studio I

ART 243 Typography I

ART 308 History of Design

ART/PHIL 310 Philosophy and History of Visual Art

ART 321 Gender and Art

\* ART 326 Studio-Fibers

\* ART 327 Studio-Ceramics

\* ART 330 Studio-Drawing

\* ART 335 Studio-Photography

\* ART 336 Studio-Printmaking

\* ART 337 Studio-Sculpture

\* ART 338 Studio-Painting

\* ART 389 Special Topics (1-3 cr.)

ART 392 Pre-Columbian Art History

**Supporting Courses (3 courses)**

College level requirement. Credits not included in BFA program credit count. Choose from the recommended supporting courses listed below or from any College of Arts and Sciences courses with consent from advisor.

ANTH 100 Introduction to Anthropology

CBE 370 International Study Tour for Business & Economics

COMS 207 Listening Skills

COMS 311 Persuasion

DANC 100 Dance Appreciation

DFT/FILM 200 Introduction to Film Studies

DFT 353 Mass Media & Popular Culture

ENGL 251 Advanced Composition

ENGL 262 Creative Writing

ENGL 266 Business Writing

ENGL 367 Technical Writing

ENGL 270 Visual Rhetoric: Document Design and Graphics

ENGL 277 Experience Ireland: Culture and Landscape

ENGL/FILM/WGST 300 Women, Film and Society

ENGL 374 Cyberliteracy and Writing on the Web

ENGL 387 Technical and Professional Editing

FILM 200 Introduction to Film Studies

FILM 310 Sociology Through Film

**FILM 442** World Cinema (g)  
**GEOG 120** Human Geography  
**HIST 371** Study Tour Research  
**HIST 382** Culture and Civilization of Italy: History and Art  
 from Antiquity to Baroque (g)  
**JOUR 123** Editing for Print Media  
**JOUR 240** Introduction to Visual Communication  
**MARC 360** Advertising  
**MODL 376** Mexico: Cultural Experience (g)  
**PHY 350** Science and Art  
**PSYC 236** Developmental Psychology:  
 Childhood and Adolescence  
**PSYC 336** Developmental Psychology: Adulthood and Aging  
**SOCI/ANTH 395** Belize Study Tour (g)  
**THEA 105** Introduction to Theatre & Drama  
**THEA 131** Design for the Theatre  
**THEA 227** World Puppetry (g)  
**THEA 339** American Theatre  
**UNIV 379** International Internship  
**WIS 310** Scotland: Heritage & Culture

#### Graphic Design

#### **Bachelor of Fine Arts (BFA) in Graphic Design**

#### **Degree Program (67 credits)**

All classes are 3 credits unless otherwise specified.

#### **Required Supporting Course (3 credits)**

University general requirement. Credits not included in BFA degree program credit count. Special section of ART 100 for art degree seeking students.

**ART 100** Introduction to Visual Art (Section 6)

#### **BFA Core Requirements (28 credits)**

**ART 121** 2D Design Foundation

**ART 122** 3D Design Foundation

**ART 131** Drawing I

**ART 132** Drawing II

**ART 211** Western Art to 1500

**ART 212** Renaissance to Early Modern Art History

**ART 213** Art Since 1945: Modern and Contemporary Art History

**ART 320** Drawing from the Figure

**ART 449** Graphic Design Practice

**ART 486** Senior Exhibition (1 cr.)

### **Introductory Courses (18 credits)**

Select at least 18 credits from the following:

\*\* Indicates required Graphic Design emphasis course.

**ART 226** Introduction to Fibers

**ART 227** Introduction to Ceramics

**ART 229** Introduction to Glass

**ART 230** Cold Glass

**ART 235** Introduction to Photography

**ART 236** Introduction to Printmaking

**ART 237** Introduction to Sculpture

**ART 238** Introduction to Painting

\*\* **ART 241** Graphic Design I

\*\* **ART 242** Design Studio I

\*\* **ART 243** Typography I

**ART 289** Special Topics (1-3 cr.)

**ART 291** Asian Art History

**ART 292** Introduction to Art Therapy

### **Graphic Design Emphasis Area (15 credits)**

Select at least 15 credits from the following:

\*\* Indicates required Graphic Design emphasis course.

\* Indicates a repeatable course used to accumulate credits.

\*\* **ART 308** History of Design

\*\* **ART 341** Graphic Design II

\*\* **ART 342** Design Studio II

\*\* **ART 343** Typography II

**ART 344** Advertising Design

**ART 345** Information Graphics

**ART 346** Package Design

\* **ART 389** Special Topics (1-3 cr.)

### **Secondary Emphasis Area (6 credits)**

Select at least 6 credits from the following:

\* Indicates a repeatable course used to accumulate credits.

**ART/PHIL 310** Philosophy and History of Visual Art

**ART 321** Gender and Art

\* **ART 326** Studio-Fibers

\* **ART 327** Studio-Ceramics

\* **ART 329** Studio-Glass

- \* ART 330 Studio-Drawing
- \* ART 335 Studio-Photography
- \* ART 336 Studio-Printmaking
- \* ART 337 Studio-Sculpture
- \* ART 338 Studio-Painting
- \* ART 389 Special Topics (1-3 cr.)
- ART 392 Pre-Columbian Art History

**Supporting Courses (3 courses)**

College level requirement. Credits not included in BFA program credit count. Choose from the recommended supporting courses listed below or from any College of Arts and Sciences courses with consent from advisor.

- ANTH 100 Introduction to Anthropology
- CBE 370 International Study Tour for Business & Economics
- COMS 207 Listening Skills
- COMS 311 Persuasion
- DANC 100 Dance Appreciation
- DFT/FILM 200 Introduction to Film Studies
- DFT 353 Mass Media & Popular Culture
- ENGL 251 Advanced Composition
- ENGL 262 Creative Writing
- ENGL 266 Business Writing
- ENGL 367 Technical Writing
- ENGL 270 Visual Rhetoric: Document Design and Graphics
- ENGL 277 Experience Ireland: Culture and Landscape
- ENGL/FILM/WGST 300 Women, Film and Society
- ENGL 374 Cyberliteracy and Writing on the Web
- ENGL 387 Technical and Professional Editing
- FILM 200 Introduction to Film Studies
- FILM 310 Sociology Through Film
- FILM 442 World Cinema (g)
- GEOG 120 Human Geography
- HIST 371 Study Tour Research
- HIST 382 Culture and Civilization of Italy: History and Art from Antiquity to Baroque (g)
- JOUR 123 Editing for Print Media
- JOUR 240 Introduction to Visual Communication
- MARC 360 Advertising
- MODL 376 Mexico: Cultural Experience (g)
- PHY 350 Science and Art

**PSYC 236** Developmental Psychology:

Childhood and Adolescence

**PSYC 336** Developmental Psychology: Adulthood and Aging

**SOCI/ANTH 395** Belize Study Tour (g)

**THEA 105** Introduction to Theatre & Drama

**THEA 131** Design for the Theatre

**THEA 227** World Puppetry (g)

**THEA 339** American Theatre

**UNIV 379** International Internship

**WIS 310** Scotland: Heritage & Culture

## Painting

### **Bachelor of Fine Arts (BFA) in Painting**

#### **Degree Program (67 credits)**

All classes are 3 credits unless otherwise specified.

#### **Required Supporting Course (3 credits)**

University general requirement. Credits not included in BFA degree program credit count. Special section of ART 100 for art degree seeking students.

**ART 100** Introduction to Visual Art (Section 6)

#### **BFA Core Requirements (28 credits)**

**ART 121** 2D Design Foundation

**ART 122** 3D Design Foundation

**ART 131** Drawing I

**ART 132** Drawing II

**ART 211** Western Art to 1500

**ART 212** Renaissance to Early Modern Art History

**ART 213** Art Since 1945: Modern and Contemporary Art History

**ART 320** Drawing from the Figure

**ART 485** Art Seminar

**ART 486** Senior Exhibition (1 cr.)

#### **Introductory Courses (18 credits)**

Select at least 18 credits from the following:

\*\* Indicates required Painting emphasis course.

\* Indicates a repeatable course used to accumulate credits.

**ART 226** Introduction to Fibers

**ART 227** Introduction to Ceramics

**ART 229** Introduction to Glass



**ART 230** Cold Glass

**ART 235** Introduction to Photography

**ART 236** Introduction to Printmaking

**ART 237** Introduction to Sculpture

\*\* **ART 238** Introduction to Painting

**ART 241** Graphic Design I

\* **ART 289** Special Topics (1-3 cr.)

**ART 291** Asian Art History

**ART 292** Introduction to Art Therapy

### **Painting Emphasis Area (15 credits)**

Select at least 15 credits from the following:

\*\* Indicates required Painting emphasis course.

\* Indicates a repeatable course used to accumulate credits.

\*\* **ART 338** Studio-Painting

\* **ART 389** Special Topics (1-3 cr.)

### **Secondary Emphasis Area (6 credits)**

Select at least 6 credits from the following:

\* Indicates a repeatable course used to accumulate credits.

**ART 242** Design Studio I

**ART 243** Typography I

**ART 308** History of Design

**ART/PHIL 310** Philosophy and History of Visual Art

**ART 321** Gender and Art

\* **ART 326** Studio-Fibers

\* **ART 327** Studio-Ceramics

\* **ART 329** Studio-Glass

\* **ART 330** Studio-Drawing

\* **ART 335** Studio-Photography

\* **ART 336** Studio-Printmaking

\* **ART 337** Studio-Sculpture

\* **ART 389** Special Topics (1-3 cr.)

**ART 392** Pre-Columbian Art History

### **Supporting Courses (3 courses)**

College level requirement. Credits not included in BFA program credit count. Choose from the recommended supporting courses listed below or from any College of Arts and Sciences courses with consent from advisor.

**ANTH 100** Introduction to Anthropology

**CBE 370** International Study Tour for Business & Economics

COMS 207 Listening Skills  
COMS 311 Persuasion  
DANC 100 Dance Appreciation  
DFT/FILM 200 Introduction to Film Studies  
DFT 353 Mass Media & Popular Culture  
ENGL 251 Advanced Composition  
ENGL 262 Creative Writing  
ENGL 266 Business Writing  
ENGL 367 Technical Writing  
ENGL 270 Visual Rhetoric: Document Design and Graphics  
ENGL 277 Experience Ireland: Culture and Landscape  
ENGL/FILM/WGST 300 Women, Film and Society  
ENGL 374 Cyberliteracy and Writing on the Web  
ENGL 387 Technical and Professional Editing  
FILM 200 Introduction to Film Studies  
FILM 310 Sociology Through Film  
FILM 442 World Cinema (g)  
GEOG 120 Human Geography  
HIST 371 Study Tour Research  
HIST 382 Culture and Civilization of Italy: History and Art  
from Antiquity to Baroque (g)  
JOUR 123 Editing for Print Media  
JOUR 240 Introduction to Visual Communication  
MARC 360 Advertising  
MODL 376 Mexico: Cultural Experience (g)  
PHY 350 Science and Art  
PSYC 236 Developmental Psychology:  
Childhood and Adolescence  
PSYC 336 Developmental Psychology: Adulthood and Aging  
SOC/ANTH 395 Belize Study Tour (g)  
THEA 105 Introduction to Theatre & Drama  
THEA 131 Design for the Theatre  
THEA 227 World Puppetry (g)  
THEA 339 American Theatre  
UNIV 379 International Internship  
WIS 310 Scotland: Heritage & Culture

#### Photography

### **Bachelor of Fine Arts (BFA) in Photography**

#### **Degree Program (67 credits)**

All classes are 3 credits unless otherwise specified.

**Required Supporting Course (3 credits)**

University general requirement. Credits not included in BFA degree program credit count. Special section of ART 100 for art degree seeking students.

**ART 100** Introduction to Visual Art (Section 6)

**BFA Core Requirements (28 credits)**

**ART 121** 2D Design Foundation

**ART 122** 3D Design Foundation

**ART 131** Drawing I

**ART 132** Drawing II

**ART 211** Western Art to 1500

**ART 212** Renaissance to Early Modern Art History

**ART 213** Art Since 1945: Modern and Contemporary Art History

**ART 320** Drawing from the Figure

**ART 485** Art Seminar

**ART 486** Senior Exhibition (1 cr.)

**Introductory Courses (18 credits)**

Select at least 18 credits from the following:

\*\* Indicates required Photography emphasis course.

\* Indicates a repeatable course used to accumulate credits.

**ART 226** Introduction to Fibers

**ART 227** Introduction to Ceramics

**ART 229** Introduction to Glass

**ART 230** Cold Glass

\*\* **ART 235** Introduction to Photography

**ART 236** Introduction to Printmaking

**ART 237** Introduction to Sculpture

**ART 238** Introduction to Painting

**ART 241** Graphic Design I

\* **ART 289** Special Topics (1-3 cr.)

**ART 291** Asian Art History

**ART 292** Introduction to Art Therapy

**Photography Emphasis Area (15 credits)**

Select at least 15 credits from the following:

\*\* Indicates required Photography emphasis course.

\* Indicates a repeatable course used to accumulate credits.

\*\* **ART 335** Studio-Photography

\* **ART 389** Special Topics (1-3 cr.)

**Secondary Emphasis Area (6 credits)**

Select at least 6 credits from the following:

\* Indicates a repeatable course used to accumulate credits.

ART 242 Design Studio I

ART 243 Typography I

ART 308 History of Design

ART/PHIL 310 Philosophy and History of Visual Art

ART 321 Gender and Art

\* ART 326 Studio-Fibers

\* ART 327 Studio-Ceramics

\* ART 329 Studio-Glass

\* ART 330 Studio-Drawing

\* ART 336 Studio-Printmaking

\* ART 337 Studio-Sculpture

\* ART 238 Introduction to Painting

\* ART 389 Special Topics (1-3 cr.)

ART 392 Pre-Columbian Art History

**Supporting Courses (3 courses)**

College level requirement. Credits not included in BFA program credit count. Choose from the recommended supporting courses listed below or from any College of Arts and Sciences courses with consent from advisor.

ANTH 100 Introduction to Anthropology

CBE 370 International Study Tour for Business & Economics

COMS 207 Listening Skills

COMS 311 Persuasion

DANC 100 Dance Appreciation

DFT/FILM 200 Introduction to Film Studies

DFT 353 Mass Media & Popular Culture

ENGL 251 Advanced Composition

ENGL 262 Creative Writing

ENGL 266 Business Writing

ENGL 367 Technical Writing

ENGL 270 Visual Rhetoric: Document Design and Graphics

ENGL 277 Experience Ireland: Culture and Landscape

ENGL/FILM/WGST 300 Women, Film and Society

ENGL 374 Cyberliteracy and Writing on the Web

ENGL 387 Technical and Professional Editing

FILM 200 Introduction to Film Studies

FILM 310 Sociology Through Film

**FILM 442** World Cinema (g)  
**GEOG 120** Human Geography  
**HIST 371** Study Tour Research  
**HIST 382** Culture and Civilization of Italy: History and Art  
 from Antiquity to Baroque (g)  
**JOUR 123** Editing for Print Media  
**JOUR 240** Introduction to Visual Communication  
**MARC 360** Advertising  
**MODL 376** Mexico: Cultural Experience (g)  
**PHY 350** Science and Art  
**PSYC 236** Developmental Psychology:  
 Childhood and Adolescence  
**PSYC 336** Developmental Psychology: Adulthood and Aging  
**SOCI/ANTH 395** Belize Study Tour (g)  
**THEA 105** Introduction to Theatre & Drama  
**THEA 131** Design for the Theatre  
**THEA 227** World Puppetry (g)  
**THEA 339** American Theatre  
**UNIV 379** International Internship  
**WIS 310** Scotland: Heritage & Culture

#### Printmaking

#### **Bachelor of Fine Arts (BFA) in Printmaking**

#### **Degree Program (67 credits)**

All classes are 3 credits unless otherwise specified.

#### **Required Supporting Course (3 credits)**

University general requirement. Credits not included in BFA degree program credit count. Special section of ART 100 for art degree seeking students.

**ART 100** Introduction to Visual Art (Section 6)

#### **BFA Core Requirements (28 credits)**

**ART 121** 2D Design Foundation

**ART 122** 3D Design Foundation

**ART 131** Drawing I

**ART 132** Drawing II

**ART 211** Western Art to 1500

**ART 212** Renaissance to Early Modern Art History

**ART 213** Art Since 1945: Modern and Contemporary Art History

**ART 320** Drawing from the Figure

**ART 485** Art Seminar

**ART 486** Senior Exhibition (1 cr.)

### **Introductory Courses (18 credits)**

Select at least 18 credits from the following:

\*\* Indicates required Printmaking emphasis course.

\* Indicates a repeatable course used to accumulate credits.

**ART 226** Introduction to Fibers

**ART 227** Introduction to Ceramics

**ART 229** Introduction to Glass

**ART 230** Cold Glass

**ART 235** Introduction to Photography

\*\* **ART 236** Introduction to Printmaking

**ART 237** Introduction to Sculpture

**ART 238** Introduction to Painting

**ART 241** Graphic Design I

\* **ART 289** Special Topics (1-3 cr.)

**ART 291** Asian Art History

**ART 292** Introduction to Art Therapy

### **Printmaking Emphasis Area (15 credits)**

Select at least 15 credits from the following:

\*\* Indicates required Printmaking emphasis course.

\* Indicates a repeatable course used to accumulate credits.

\*\* **ART 336** Studio-Printmaking

\* **ART 389** Special Topics (1-3 cr.)

### **Secondary Emphasis Area (6 credits)**

Select at least 6 credits from the following:

\* Indicates a repeatable course used to accumulate credits.

**ART 242** Design Studio I

**ART 243** Typography I

**ART 308** History of Design

**ART/PHIL 310** Philosophy and History of Visual Art

**ART 321** Gender and Art

\* **ART 326** Studio-Fibers

\* **ART 327** Studio-Ceramics

\* **ART 329** Studio-Glass

\* **ART 330** Studio-Drawing

\* **ART 335** Studio-Photography

\* ART 337 Studio-Sculpture

\* ART 238 Introduction to Painting

\* ART 389 Special Topics (1-3 cr.)

ART 392 Pre-Columbian Art History

### Supporting Courses (3 courses)

College level requirement. Credits not included in BFA program credit count. Choose from the recommended supporting courses listed below or from any College of Arts and Sciences courses with consent from advisor.

ANTH 100 Introduction to Anthropology

CBE 370 International Study Tour for Business & Economics

COMS 207 Listening Skills

COMS 311 Persuasion

DANC 100 Dance Appreciation

DFT/FILM 200 Introduction to Film Studies

DFT 353 Mass Media & Popular Culture

ENGL 251 Advanced Composition

ENGL 262 Creative Writing

ENGL 266 Business Writing

ENGL 367 Technical Writing

ENGL 270 Visual Rhetoric: Document Design and Graphics

ENGL 277 Experience Ireland: Culture and Landscape

ENGL/FILM/WGST 300 Women, Film and Society

ENGL 374 Cyberliteracy and Writing on the Web

ENGL 387 Technical and Professional Editing

FILM 200 Introduction to Film Studies

FILM 310 Sociology Through Film

FILM 442 World Cinema (g)

GEOG 120 Human Geography

HIST 371 Study Tour Research

HIST 382 Culture and Civilization of Italy: History and Art  
from Antiquity to Baroque (g)

JOUR 123 Editing for Print Media

JOUR 240 Introduction to Visual Communication

MARC 360 Advertising

MODL 376 Mexico: Cultural Experience (g)

PHY 350 Science and Art

PSYC 236 Developmental Psychology:

Childhood and Adolescence

PSYC 336 Developmental Psychology: Adulthood and Aging

[SOVI/ANTH 395](#) Belize Study Tour (g)  
[THEA 105](#) Introduction to Theatre & Drama  
[THEA 131](#) Design for the Theatre  
[THEA 227](#) World Puppetry (g)  
[THEA 339](#) American Theatre  
[UNIV 379](#) International Internship  
[WIS 310](#) Scotland: Heritage & Culture

## Sculpture

### **Bachelor of Fine Arts (BFA) in Sculpture**

#### **Degree Program (67 credits)**

All classes are 3 credits unless otherwise specified.

#### **Required Supporting Course (3 credits)**

University general requirement. Credits not included in BFA degree program credit count. Special section of ART 100 for art degree seeking students.

[ART 100](#) Introduction to Visual Art (Section 6)

#### **BFA Core Requirements (28 credits)**

[ART 121](#) 2D Design Foundation

[ART 122](#) 3D Design Foundation

[ART 131](#) Drawing I

[ART 132](#) Drawing II

[ART 211](#) Western Art to 1500

[ART 212](#) Renaissance to Early Modern Art History

[ART 213](#) Art Since 1945: Modern and Contemporary Art History

[ART 320](#) Drawing from the Figure

[ART 485](#) Art Seminar

[ART 486](#) Senior Exhibition (1 cr.)

#### **Introductory Courses (18 credits)**

Select at least 18 credits from the following:

\*\* Indicates required Sculpture emphasis course.

\* Indicates a repeatable course used to accumulate credits.

[ART 226](#) Introduction to Fibers

[ART 227](#) Introduction to Ceramics

[ART 229](#) Introduction to Glass



**ART 230** Cold Glass

**ART 235** Introduction to Photography

**ART 236** Introduction to Printmaking

\*\* **ART 237** Introduction to Sculpture

**ART 238** Introduction to Painting

**ART 241** Graphic Design I

\* **ART 289** Special Topics (1-3 cr.)

**ART 291** Asian Art History

**ART 292** Introduction to Art Therapy

### **Sculpture Emphasis Area (15 credits)**

Select at least 15 credits from the following:

\*\* Indicates required Sculpture emphasis course.

\* Indicates a repeatable course used to accumulate credits.

\*\* **ART 337** Studio-Sculpture

\* **ART 389** Special Topics (1-3 cr.)

### **Secondary Emphasis Area (6 credits)**

Select at least 6 credits from the following:

\* Indicates a repeatable course used to accumulate credits.

**ART 242** Design Studio I

**ART 243** Typography I

**ART 308** History of Design

**ART/PHIL 310** Philosophy and History of Visual Art

**ART 321** Gender and Art

\* **ART 326** Studio-Fibers

\* **ART 327** Studio-Ceramics

\* **ART 329** Studio-Glass

\* **ART 330** Studio-Drawing

\* **ART 335** Studio-Photography

\* **ART 336** Studio-Printmaking

\* **ART 238** Introduction to Painting

\* **ART 389** Special Topics (1-3 cr.)

**ART 392** Pre-Columbian Art History

### **Supporting Courses (3 courses)**

College level requirement. Credits not included in BFA program credit count. Choose from the recommended supporting courses listed below or from any College of Arts and Sciences courses with consent from advisor.

**ANTH 100** Introduction to Anthropology

**CBE 370** International Study Tour for Business & Economics

COMS 207 Listening Skills  
COMS 311 Persuasion  
DANC 100 Dance Appreciation  
DFT/FILM 200 Introduction to Film Studies  
DFT 353 Mass Media & Popular Culture  
ENGL 251 Advanced Composition  
ENGL 262 Creative Writing  
ENGL 266 Business Writing  
ENGL 367 Technical Writing  
ENGL 270 Visual Rhetoric: Document Design and Graphics  
ENGL 277 Experience Ireland: Culture and Landscape  
ENGL/FILM/WGST 300 Women, Film and Society  
ENGL 374 Cyberliteracy and Writing on the Web  
ENGL 387 Technical and Professional Editing  
FILM 200 Introduction to Film Studies  
FILM 310 Sociology Through Film  
FILM 442 World Cinema (g)  
GEOG 120 Human Geography  
HIST 371 Study Tour Research  
HIST 382 Culture and Civilization of Italy: History and Art  
from Antiquity to Baroque (g)  
JOUR 123 Editing for Print Media  
JOUR 240 Introduction to Visual Communication  
MARC 360 Advertising  
MODL 376 Mexico: Cultural Experience (g)  
PHY 350 Science and Art  
PSYC 236 Developmental Psychology:  
Childhood and Adolescence  
PSYC 336 Developmental Psychology: Adulthood and Aging  
SOC/ANTH 395 Belize Study Tour (g)  
THEA 105 Introduction to Theatre & Drama  
THEA 131 Design for the Theatre  
THEA 227 World Puppetry (g)  
THEA 339 American Theatre  
UNIV 379 International Internship  
WIS 310 Scotland: Heritage & Culture

### **Art Education**

#### **Degree Program (58-59 credits, art portion of degree)**

All classes are 3 credits unless otherwise specified.

**Core Requirements (26-27 credits)**

ART 121 Design Foundation

ART 122 3D Design Foundation

ART 131 Drawing I

ART 132 Drawing II

ART 211 Western Art to 1500

ART 212 Art History Since 1500

ART 485 Art Seminar

**Addition Art History Course (2-3 Credits)**

Select at least 2 credits from the following:

\* Indicates a repeatable course used to accumulate credits.

ART 308 History of Design

ART/PHIL 310 Philosophy and History of Visual Art

ART 321 Gender and Art

ART 392 Pre-Columbian Art History

\* ART 389 Special Topics (1-3 cr.)

**Introductory Courses (18 credits)**

Select at least 18 credits from the following:

\* Indicates a repeatable course used to accumulate credits.

ART 225 Advertising Design I

ART 226 Introduction to Fibers

ART 227 Introduction to Ceramics

ART 229 Introduction to Glass

ART 230 Cold Glass

ART 235 Introduction to Photography

ART 236 Introduction to Printmaking

ART 237 Introduction to Sculpture

ART 238 Introduction to Painting

ART 241 Graphic Design I

Art 250 Child Art (2 cr.)

Art 251 Middle and Secondary Art (2 cr., spring only)

\* ART 289 Special Topics (1-3 cr.)

ART 291 Asian Art History

ART 292 Introduction to Art Therapy

**Upper Division Courses (14 credits)**

Select at least 15 credits from the following:

\* Indicates a repeatable course used to accumulate credits.

ART 242 Design Studio I

ART 243 Typography I

\* ART 326 Studio-Fibers

\* ART 327 Studio-Ceramics

\* ART 329 Studio-Glass

\* ART 330 Studio-Drawing

\* ART 335 Studio-Photography

\* ART 336 Studio-Printmaking

\* ART 337 Studio-Sculpture

\* ART 338 Studio-Painting

\* ART 389 Special Topics (1-3 cr.)

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### **Required Teacher Education Courses**

TED 120 Education and Technology

TED 212 Educational Psychology: Middle & Secondary Education

TED 252 Foundation of Multicultural Education

SPED 330 Introduction to Special Education

NOTE: Must be accepted into Teacher Education to take following courses.

TED 420 School and Society

TED 422 Secondary School and Content Area Reading

TED 430 Techniques in Art

TED 475 Student Teaching: K-12

UNIVERSITY OF WISCONSIN **River Falls****Art Minors**

Art

Art History

Graphic Design

**Art Department**

172 Kleinpell Fine Arts  
715-425-3266  
[www.uwrf.edu/ART/](http://www.uwrf.edu/ART/)

## FACULTY

- **Eoin Breadon**, Glass
- **Morgan Clifford**, Art Seminar, Fibers
- **Heather Delisle**, Art Education
- **Bernice Ficek-Swenson**, Drawing, Printmaking
- **Mike Helke**, Introduction to Art
- **Randy Johnston**, Drawing, Ceramics
- **Brett Kallusky**, Photography
- **Jeannine Kitzhaber**, Drawing, Painting
- **Ann Lawton**, Introduction to Art
- **Peter Mak**, Drawing, Painting
- **Asako Nakauchi**, Sculpture
- **Dan Paulus**, Graphic Design
- **Erika Prater**, Art History
- **Kaylee Spencer** (Chair), Art History
- **Lyz Wendland**, Introduction to Art
- **Rhonda Willers**, Ceramics, Introduction to Art

ACADEMIC DEPARTMENT  
ASSOCIATE

- **Susie Zimmer**

## Art Minor (24 credits)

All classes are 3 credits unless otherwise specified.

### Foundation Courses (9 credits)

Select at least 9 credits from the following:

**ART 121** 2D Design Foundation

**ART 131** Drawing I

**ART 211** Western Art to 1500

**ART 212** Renaissance to Early Modern Art History

### Introductory Courses (6 credits)

Select at least 6 credits from the following:

\* Indicates a repeatable course used to accumulate credits.

**ART 225** Advertising Design I

**ART 226** Introduction to Fibers

**ART 227** Introduction to Ceramics

**ART 229** Introduction to Glass

**ART 235** Introduction to Photography

**ART 236** Introduction to Printmaking

**ART 237** Introduction to Sculpture

**ART 238** Introduction to Painting

\* **ART 289** Special Topics (1-3 cr.)

### Upper Division Courses (9 credits)

Select at least 9 credits from the following:

\* Indicates a repeatable course used to accumulate credits.

\* **ART 326** Studio-Fibers

\* **ART 327** Studio-Ceramics

\* **ART 329** Studio-Glass

\* **ART 335** Studio-Photography

\* **ART 336** Studio-Printmaking

\* **ART 337** Studio-Sculpture

\* **ART 338** Studio-Painting

\* **ART 389** Special Topics (1-3 cr.)

## Art History Minor: 24 Credits

### Required Core Courses: 9 Credits

**ART 211** West Art to 1500 3 cr.

**ART 212** West Art Since 1500 3 cr.

**ART 213** Art since 1945: Modern and Contemporary Art History 3 cr.

## Directed Art History Electives: 9 Credits

Choose 6 Credits from Modern and Contemporary Art History Electives

**ART 308** History of Design 3 cr.

**PHIL 310/ART 310** Philosophy and History of Visual Art 3 cr.

**ART 321** Gender and Art 3 cr.

Choose 3 Credits from Global Art History Electives

**ART 291** Asian Art History (GP)\* 3 cr.

**ART 392** Pre-Columbian Art History (MD) 3 cr.

## Directed Studio Art Electives: 6 Credits

Choose 3 Credits from 2-D Studio Electives

**ART 131** Drawing I 3 cr.

**ART 225** Advertising Design I 3 cr.

**ART 235** Introduction to Black and White Photography 3 cr.

**ART 236** Introduction to Printmaking 3 cr.

**ART 238** Introduction to Painting 3 cr.

Choose 3 Credits from 3-D Studio Electives

**ART 226** Introduction to Fibers 3 cr.

**ART 227** Introduction to Clay 3 cr.

**ART 228** Introduction to Metal 3 cr.

**ART 229** Introduction to Glass 3 cr.

## Required Supporting Course

**ART 100** Introduction to Art (3 Credits count in General Education)

\* indicates prerequisite: junior standing or higher

## Graphic Design Minor (24 credits)

All classes are 3 credits unless otherwise specified.

### Required Supporting Course (3 credits)

University general requirement. Credits not included in minor credit count.

**ART 100** Introduction to Visual Art (Section 6)

## Core Requirements (12 credits)

ART 121 Design Foundation

ART 131 Drawing I

ART 132 Drawing II

ART 308 History of Design

## Required Graphic Design Courses (9 credits)

ART 241 Graphic Design I

ART 242 Design Studio I

ART 243 Typography I

## Elective (3 credits)

Select from the following:

ART 226 Introduction to Fibers

ART 227 Introduction to Ceramics

ART 229 Introduction to Glass

ART 230 Cold Glass

ART 235 Introduction to Photography

ART 236 Introduction to Printmaking

ART 237 Introduction to Sculpture

ART 238 Introduction to Painting



# UNIVERSITY OF WISCONSIN River Falls

## Asian Studies Minor

### Asian Studies Minor

#### Asian Studies Minor: 24 total credits

##### Required Core Courses: 15 cr. hrs.

**CHIN 102** Beginning Chinese II or **JAPN 102** Beginning Japanese II 4 cr.

**CHIN 201** Intermediate Chinese I or **JAPN 201** Intermediate Japanese I 4 cr.

**CHIN 202** Intermediate Chinese II or **JAPN 202** Intermediate Japanese II 4 cr.

**HIST 201** Introduction to Asian Civilization 3 cr. (GP)

##### Elective Courses – Select any three courses: 9 cr. hrs.

**ART 291** Asian Art History 3 cr. (GP)

**ENGL 317/FILM 317** Modern East Asian Literature and Cinema 3 cr. (GP)

**GEOG 344** Asia and Oceania 3 cr. (GP)

**HIST 336** Traditional East Asia Prehistory-1800 3 cr.

**HIST 334** Modern China 3 cr.

**HIST 335** Modern Japan 3 cr.

**HIST 333** Silk, Spice, and Silver: The Making of the Global Exchange System to 1800 3 cr. (GP, MD)

**MNGT 355** International Business 3 cr. (GP)

**MKTG 355** International Marketing 3 cr.

**PHIL 245** Eastern Religions and Islam 3 cr. (GP)

**POLS 348** Politics of East Asia 3 cr.

**HIST 371** Study Tour Research – China/Japan Study Tour 3 cr.

##### General Education

##### Required Supporting Course: 4 cr. hrs.

**CHIN 101** Beginning Chinese I

or **JAPN 101** Beginning Japanese I 4 cr.

### Department of Modern Language

284 Kleinpell Fine Arts  
715-425-3121  
[www.uwrf.edu/MODL/](http://www.uwrf.edu/MODL/)

Kristine Butler-Chair, Cecilia  
Bustamante, Marina Calas,  
Juan-Carlos Chaves, Sharon  
Gerlach, Terrence Mannerter,  
Rebecca Raham, Judy Wyatt-Schlei,  
Julie Kovacic, Lisa Showers, Magara  
Maeda, Wen Zhang

# UNIVERSITY OF WISCONSIN River Falls

## Biology Major

### Biology Major - Liberal Arts and Education

**Major requirements 34 Total Credits**

**Biology Options:**

General Biology

Biomedical Sciences

Field Biology

#### General Biology Option

##### Core Requirements: 21 cr. hrs.

**BIOL 110** Freshman Colloquium 1 cr.

**BIOL 150** General Biology 3 cr.

**BIOL 210** General Botany 3 cr.

**BIOL 230** General Zoology 3 cr.

**BIOL 240** Cell and Molecular Biology 3 cr.

**BIOL 350** Genetics and Evolution (writing intensive) 3 cr.

**BIOL 360** Ecology (writing intensive) 3 cr.

**BIOL 410** Senior Colloquium 1 cr.

**BIOL 481** Seminar (Liberal Arts majors) 1 cr.

or **BIOL 471** Lab Experiences (Education majors)

##### Directed Electives: 13 cr. hrs.

Choose from any Biology courses except **BIOL 100**, **BIOL 253**, **BIOL 308**

#### Biomedical Sciences Option

##### Core Requirements: 23 cr. hrs.

**BIOL 110** Freshman Colloquium 1 cr.

**BIOL 150** General Biology 3 cr.

**BIOL 230** General Zoology 3 cr.

**BIOL 240** Cell and Molecular Biology 3 cr.

**BIOL 341** Anatomy and Physiology I 4 cr.

**BIOL 342** Anatomy and Physiology II 4 cr.

**BIOL 350** Genetics and Evolution (writing intensive) 3 cr.

**BIOL 410** Senior Colloquium 1 cr.

**BIOL 481** Seminar 1 cr.

##### Directed Electives: 11 cr. hrs.

## General Education Requirements

Courses in the major or required supporting courses may be double counted to satisfy the General Education science requirements. Therefore, the total General Education credit hour requirement is reduced by the courses that can be double-counted.

## Department of Biology

414 Agricultural Science  
715-425-3591  
[www.uwrf.edu/BIOL/](http://www.uwrf.edu/BIOL/)

Mark Bergland-Chair, Scott Ballantyne, Jorge Bonilla, Rick Ellingworth, John Ford, Joseph Gathman, Betsy Gerbec, Cheng-Chen Huang, Karen Klyczek, Andrew Koob, Timothy Lyden, Brad Mogen, Kim Mogen, Amber Qureshi, John Wheeler

The biology department offers a 34-credit major and a 22 credit minor for liberal arts and education majors. A degree with a biology major also requires completion of a minor and additional supporting courses in chemistry, mathematics, and physics.

**Choose from the following courses.**

At least 6 elective credits must be Biology courses.

- BIOL 235 Comparative Anatomy 4 cr.
- BIOL 243 Introduction to Biological Greek and Latin 1 cr.
- BIOL 295 Laboratory Research Experience 2 cr.
- BIOL 305 Applications in Molecular Biology 3 cr.
- BIOL 307 Human Heredity 2 cr.
- BIOL 324 Microbiology 4 cr.
- BIOL 345 Immunology 3 cr.
- BIOL 353 Histology 4 cr.
- BIOL 379 Internship 3-6 cr.
- BIOL 451 Molecular Biology 4 cr.
- BIOL 453 Virology 3 cr.
- BIOL 463 Animal Cell Culture 3 cr.
- BIOL 495 Undergraduate Research 3 cr.
- BIOL 499 Independent Study 1-3 cr.
- ANSC 231 Principles of Nutrition 3 cr.
- ANSC 447 Endocrinology 2 cr.
- ANSC 448 Reproductive Physiology 3 cr.

Three options are offered for the biology major:

1. General Biology option, for students who want to be broadly educated in biology or who are seeking life science certification;
2. Biomedical Sciences option, appropriate for pre-professional majors and students planning to go into laboratory research;
3. Field Biology option, for students interested in ecological research or careers in field biology.

**Field Biology Option****Core Requirements: 17 cr. hrs.**

- BIOL 110 Freshman Colloquium 1 cr.
- BIOL 150 General Biology 3 cr.
- BIOL 210 General Botany 3 cr.
- BIOL 230 General Zoology 3 cr.
- BIOL 296 Field Research Experience 2 cr.
- BIOL 360 Ecology (writing intensive) 3 cr.
- BIOL 410 Senior Colloquium 1 cr.
- BIOL 481 Seminar 1 cr.

**Directed Electives: 17 cr. hrs.****Choose from the following courses.**

At least 11 elective credits must be Biology courses.

- BIOL 240 Cell and Molecular Biology 3 cr.
- BIOL 243 Introduction to Biological Greek and Latin 1 cr.
- BIOL 305 Applications in Molecular Biology 3 cr.
- BIOL 310 Identification of Plants 3 cr.
- BIOL 314 Plant Pathology 3 cr.
- BIOL 320 Plant Physiology 3 cr.

BIOL 324 Microbiology 4 cr.  
BIOL 333 Entomology 3 cr.  
BIOL 344 Wildlife Biology 4 cr.  
BIOL 350 Genetics and Evolution (writing intensive) 3 cr.  
BIOL 354 Freshwater Biology 3 cr.  
BIOL 355 Environmental Law 3 cr.  
or **ESM 303** Environmental Policies and Administration  
BIOL 379 Internship 3-6 cr.  
BIOL 434 Ichthyology 3 cr.  
BIOL 444 Ornithology 3 cr.  
BIOL 495 Undergraduate Research 3 cr.  
BIOL 499 Independent Study 1-3 cr.  
**ESM 220** Environmental Sustainability: Theories, Issues, and  
Management 3 cr.  
**ESM 333** Remote Sensing of Natural Resources 3 cr.  
**ESM 343** Woodlot Management 3 cr.  
**ESM 360** Applied Hydrology and Water Quality 4 cr.  
**ESM 413** Environmental Analysis 4 cr.  
**GEOG 250** Cartography I 3 cr.  
**GEOG 360** Introduction to GIS 3 cr.  
**GEOL 202** Oceanography 2 cr.  
**GEOL 269** Environmental Geology 2 cr.  
**GEOL 445** Hydrogeology 3 cr.

## Required Supporting Courses: 21-22 cr. hrs.

### Required for all options in the biology major.

Some professional schools and graduate programs may require additional credits in Chemistry, Math and/or Physics; consult your adviser.

**CHEM 121** (or **CHEM 120**) and **CHEM 122** General Chemistry I and II, or **CHEM 130**, Introduction to Organic Chemistry and **CHEM 233**, Foundations Organic Chemistry, 10 cr.

**PHYS 151**, **PHYS 156**

or **PHYS 161**, **PHYS 162** General Physics I and Lab 4 cr.

**MATH 147** College Algebra and Trigonometry 3 cr.

### Liberal Arts majors choose one statistics course:

**MATH 216** Elementary Statistical Concepts 3 cr.

**MATH 226** Fundamentals of Statistics 3 cr.

**MATH 326** Applied Statistics 3 cr.

or **ANSC 341** Biometrics 3 cr.

### Education majors take:

**GEOL 101, GEOL 102** Introductory Geology and Lab 4 cr.

Also, see **Physical Science Major** and **Broadfield Science Licensure**

# UNIVERSITY OF WISCONSIN River Falls

## Biology Minor

### Biology Minor

**Minor Requirements 22 Total Credits**

**Required Courses:**

**BIOL 150** General Biology 3 cr.

**Liberal Arts majors take:**

**BIOL 210**

or **BIOL 230** General Botany or General Zoology 3 cr.

**Directed Electives: 16 cr. hrs.**

Choose from any Biology courses except BIOL 100, 253, 308.

At least one course must be at the 300 level or above.

**Education majors take:**

**BIOL 210** General Botany 3 cr.

**BIOL 230** General Zoology 3 cr.

**BIOL 240** Cell and Molecular Biology 3 cr.

**BIOL 350** Genetics and Evolution (writing intensive) 3 cr.

**BIOL 360** Ecology (writing intensive) 3 cr.

**Directed Electives: 4 cr. hrs.**

Choose from any Biology courses except BIOL 100, 253, 308.

### Department of Biology

414 Agricultural Science  
715-425-3591  
[www.uwrf.edu/BIOL/](http://www.uwrf.edu/BIOL/)

Mark Bergland-Chair, Scott  
Ballantyne, Jorge Bonilla, Rick  
Ellingworth, John Ford, Joseph  
Gathman, Betsy Gerbec,  
Cheng-Chen Huang, Karen Klyczek,  
Andrew Koob, Timothy Lyden, Brad  
Mogen, Kim Mogen, Amber Qureshi,  
John Wheeler

# UNIVERSITY OF WISCONSIN River Falls

## Biotechnology Major

### Biotechnology

**Major Requirements: 55-56 Total Credits**

Core

Electives

Specialization

Supporting Courses

### Biotechnology

**Biotechnology Core: 40-41 cr. hrs.**

**ANSC 222** Introduction to Biotechnology 2 cr.

**BIOL 150** General Biology 3 cr.

**BIOL 240** Cell and Molecular Biology 3 cr.

**BIOL 324** Microbiology 4 cr.

**BIOL 350** Genetics and Evolution (writing intensive) 3 cr.

or **ANSC 257** Genetics 3 cr.

**BIOL 451** Molecular Biology 4 cr.

**BIOT 280** Sophomore Seminar 0.5 cr.

**BIOT 380** Junior Seminar 0.5 cr.

**BIOT 480** Biotech Seminar 1 cr.

**CHEM 231** Organic Chemistry I 3 cr.

**CHEM 232** Organic Chemistry II 3 cr.

**CHEM 236** Organic Chemistry Lab I 1 cr.

or **CHEM 246** Synthetic & Analytical Techniques in Organic Chemistry I 2 cr.

**CHEM 237** Organic Chemistry Lab II 1 cr.

or **CHEM 247** Synthetic & Analytical Techniques in Organic Chemistry II 1 cr.

**CHEM 355** Separation Science Laboratory 1 cr.

**CHEM 361** Biochemistry I 3 cr.

**CHEM 362** Biochemistry II 3 cr.

**CHEM 366** Biochemistry Lab 1 cr.

**FDSC 460** Fermentation Technology 3 cr.

or **HORT 369** Plant Tissue Culture 3 cr.

or **BIOL 463** Animal Cell Culture 3 cr.

### Biotechnology

**Biotechnology Electives: 6 cr. hrs.**

### General Education Requirements

**BA and BS Liberal Arts majors as listed.**

**BS Agriculture, Food and Environmental Sciences majors as listed.**

Courses in the major or required supporting courses may be double counted to satisfy the General Education science requirements. Therefore, the total General Education credit hour requirement is reduced by the courses that can be double-counted.

### Interdisciplinary Program

**261 Centennial Science Hall**  
**715-425-3577**  
**[www.uwrf.edu/BIOT](http://www.uwrf.edu/BIOT)**

Lisa C. Kroutil—Director, William Anderson, Scott Ballantyne, Ross Jilk, Tim Lyden, and Gary Onan.

The Biotechnology major is an interdisciplinary program that is focused on the molecular basis of life processes and the techniques utilized to both study and control these processes under in vivo and in vitro conditions. The Biotechnology curriculum draws upon the expertise and course offerings of the participating departments: Biology, Chemistry, Animal and Food Science,

Choose at least six credits from the following additional courses to obtain additional training in methods and content particularly relevant to biotechnology. Fermentation Technology, Animal Cell Culture or Plant Tissue Culture may be chosen as electives after one of the courses is completed as a core course (no double counting as core and elective).

**BIOL 345** Immunology 3 cr.

**BIOL 453** Virology 3 cr.

**BIOT/CSIS 373** Bioinformatics 3 cr.

**BIOT 295** Biotechnology Lab Research 1 cr.

**BIOT 379** Biotechnology Internship 1-4 cr.

**BIOT 495** Biotechnology Thesis 1-3 cr.

**FDSC 335** Food Microbiology 4 cr.

**FDSC 460** Fermentation Technology 3 cr.

**HORT 369** Plant Tissue Culture 3 cr.

**BIOL 463** Animal Cell Culture 3 cr.

and Plant and Earth Science. The Biotechnology major is designed to provide those students who are interested in pursuing careers at the interface of biology and chemistry with the academic background required to either secure entry level positions in the biotechnology industry or to continue their education in graduate or professional schools. A student may elect to complete a B.S. degree in Biotechnology in either the College of Arts and Sciences, 715-425-3777, or the College of Agriculture, Food and Environmental Sciences 715-425-3841.

## Biotechnology

### Specialization Area: 9 cr. hrs.

In consultation with a biotechnology faculty advisor, the student will develop a plan that includes at least 9 additional credits of specialization. Up to four credits may include an internship in the specialization area. The total number of internship credits distributed between the Biotechnology Electives and Specialization Area may not exceed 4 credits. The plan will be submitted to the Biotechnology Program Director by the end of the first semester of the junior year for recording and approval. The senior seminar should focus on a research project the student worked on or a topic intimately related to the area of specialization.

Some possible specialization areas/emphases might include:

Production Animal Biotechnology

Production Crop Biotechnology

Business/Management

Computational Biotechnology/Bioinformatics

Criminal Justice/Forensic Biotechnology

Environmental Biotechnology

Food Science Biotechnology

Industrial Biotechnology

Materials Science Biotechnology

Medical Biotechnology



Pharmaceutical Biotechnology  
Veterinary Medical Biotechnology

## Biotechnology

### Required Supporting Courses 18-20 cr. hrs.

**MATH 166** Calculus I 4 cr.

or **ANSC 341** Biometrics 3 cr.

or **MATH 226** Fundamentals of Statistics

**CHEM 120** Introduction to General Chemistry 6 cr.

or **CHEM 121** General Chemistry I 5 cr.

and **CHEM 122** General Chemistry II 5 cr.

### Either sequence A or B below:

**A. PHYS 151** Algebra-Based Physics I 4 cr.

**PHYS 152** Algebra-Based Physics II 4 cr.

**PHYS 156** Algebra-Based Physics Laboratory I 1 cr.

**PHYS 157** Algebra-Based Physics Laboratory II 1 cr.

**B. PHYS 161** Calculus-Based Physics I 4 cr.

**PHYS 162** Calculus-Based Physics II 4 cr.

**PHYS 166** Calculus-Based Laboratory I 1 cr.

**PHYS 167** Calculus-Based Laboratory II 1 cr.

# UNIVERSITY OF WISCONSIN River Falls

## Broad Field Social Studies Major

### Broad Field Social Studies Major—History Emphasis

138 Total Credit Hours

#### History Emphasis Requirements: 30 credit hours

##### A. History core:

**HIST 102** History of the Modern World, 1500-Present

**HIST 215** United States History to 1865

**HIST 216** U.S. History from 1865

**HIST 485** History Seminar

##### B. U.S. history (300-level or above): two courses

##### C. World history (300-level or above): two courses

##### D. Environmental history: **HIST 365** American Environmental History

##### E. Elective (300-level or above): one course

#### Social Studies Requirements: 27 credit hours

##### A. Required core:

**BFSS 200** Introduction to Social Science for Teachers

**BFSS 400** Curriculum Development for Social Studies

##### B. Distribution non-history courses:

**SOCI 100** Introduction to Sociology

**POLS 230** Introduction to Political Philosophy and Ideology or **POLS 114**

American Government and Politics

**POLS 260** Introduction to International Relations (g)

**ECON 201** Principles of Microeconomics or **ECON 202** Principles of Macroeconomics (micro or macro)

##### C. Electives: three courses

#### Education Requirements: 43 credit hours

##### A. Education

**TED 120** Intro to Education and Instructional Technology

**TED 212** Educational Psychology: Middle & Secondary Education

**TED 252** Foundations of Multicultural Education (d) (American Cultural Diversity)

**TED 414** Development of the Transescent

### General Education Requirements

Social and Behavioral Science:

BS Education majors as listed.

### Department of History and Philosophy

304 Kleinpell Fine Arts

715-425-3164

Kurt E. Leichtle, Director

The Broad Field Social Studies (BFSS) degree is the preferred degree for secondary teaching in the area of social studies. This degree offers many options and great versatility. The program requires that the student have a concentration (a major) in one of the social sciences and then additional work in the other social sciences.

**TED 420** School & Society

**SPED 330** Introduction to Special Education

**TED 473** Student Teaching: Middle School/**TED 474** Student Teaching:  
Secondary Education (12 cr. Total Student Teaching)

B. Block

**TED 433** Techniques in Social Studies

**TED 463** Content Area Literacy in Middle & Secondary School Social  
Science

**TED 466** Management Strategies for the Secondary Social Science  
Classroom

**BFSS 400** Curriculum Development for Social Studies

**General Education Requirements: 38 credit hours**

**GOAL 1 Communication:**

**ENGL 100** Academic Reading/ Writing

**COMS 101** Fundamentals of Oral Communication

**ENGL 200** Investigating Ideas: Reading, Writing, and the Disciplines

**GOAL 2**

A. Social and behavioral sciences:

**HIST 100** Defining Themes in US History

**PSYC 101** General Psychology

B. Humanities and fine arts:

**ART 100** Intro to Visual Art, **MUS 100** Understanding Music or **DANC**  
**100** Dance Appreciation (3 cr. total)

**ENGL 105** Literature and Human Experience, **ENGL 106** Literature:  
Introduction to Fiction, Poetry, and Drama or **ENGL 107** Heroes in  
Literature (3 cr. total)

**GOAL 3 Math and science:**

**MATH 126** Activities in Math

**BIOL 100** Introduction to Biology

**GEOG 110** Physical Environment: Patterns & Systems

**GOAL 4 Multi-disciplinary:** see complete list [here](#)

**GOAL 5 Individual responsibility to self, society, world:**

PE 100 PE activities: two courses

Ethical citizenship: see complete list [here](#)

*Remember to periodically review your Degree Audit Report (DAR) in eSIS!*

# UNIVERSITY OF WISCONSIN River Falls

## Broadfield Science Licensure

### Broadfield Science Licensure

A person with a broadfield science (BFS) license may teach any science class, middle-school level through grade 10, and any basic science class in grades 11-12 which is not a college-preparatory course, advanced placement (AP) course, or an elective course with more depth of content than a basic course. However, you may teach advanced courses in your science major (Biology, Chemistry or Physics).

Biology

Chemistry

Physics

### Broadfield Science Licensure: Biology 59-60 Total Credits

#### Required Courses: 45 cr. hrs.

**BIOL 150** General Biology 3 cr.

**BIOL 210** General Botany 3 cr.

**BIOL 230** General Zoology 3 cr.

**BIOL 240** Cell and Molecular Biology 3 cr.

**BIOL 350** Genetics and Evolution 3 cr.

**BIOL 360** Ecology 3 cr.

**BIOL 471** Lab Teaching Experience 1 cr.

**CHEM 121** General Chemistry I 5 cr.

or **CHEM 120** Introduction to General Chemistry 6 cr.

**CHEM 122** General Chemistry II 5 cr.

**GEOL 102** Introductory Geology Lab 1 cr.

**ESM 302** Environmental Education Lab 1 cr.

**PHYS 117** Astronomy 3 cr.

**PHYS 151** Algebra-Based Physics I 4 cr.

**PHYS 152** Algebra-Based Physics II 4 cr.

**PHYS 156** Algebra-Based Physics Laboratory I 1 cr.

**PHYS 157** Algebra-Based Physics Laboratory II 1 cr.

### Advanced Biology Electives: choose 14 credits from the following list of recommended electives (14 cr.)

**BIOL 295** Lab Research Experience 2 cr.

**BIOL 296** Field Research Experience 2 cr.

**BIOL 305** Applications in Molecular Biology 3 cr.

### General Education Requirements

Arts and Sciences as listed for CEPS.

Up to two of these courses may be double counted in the General Education program, depending on your specific course of study.

### Interdisciplinary Program

127 Walker Wyman  
Education  
715-425-3708

Tyler Koepke, Coordinator

The broadfield science program encompasses biology, chemistry, and physics. Students choosing one of these programs will typically be assigned an advisor from one of these departments. The program is the equivalent of a major and a minor. A student selecting one of these areas is not required to have an additional minor. The program leads to certification in secondary or middle school education. Students interested in certification in those programs should consult the Secondary Education Handbook for Undergraduates at [www.uwrf.edu/CEPS/](http://www.uwrf.edu/CEPS/) for the detailed requirements for various levels of certification in Wisconsin.

- BIOL 307 Human Heredity 2 cr.
- BIOL 310 Identification of Plants 3 cr.
- BIOL 324 Microbiology 4 cr.
- BIOL 333 Entomology 3 cr.
- BIOL 341 Anatomy and Physiology I 4 cr.
- BIOL 342 Anatomy and Physiology II 4 cr.
- BIOL 344 Wildlife Biology 4 cr.
- BIOL 345 Immunology 3 cr.
- BIOL 353 Histology 4 cr.
- BIOL 354 Freshwater Biology 3 cr.
- BIOL 364 Developmental Biology 3 cr.
- BIOL 434 Ichthyology 3 cr.
- BIOL 444 Ornithology 3 cr.
- BIOL 451 Molecular Biology 4 cr.
- BIOL 453 Virology 3 cr.
- BIOL 481 Seminar 1 cr.
- BIOL 499 Independent Study 1-3 cr.

### Required Supporting Coursework:

- GEOL 269 Environmental Geology (counted in general education)

## Earth and Space Science Licensing

An Earth and Space Science license will be earned upon completion of the coursework listed below. This additional concentration is based on 16-19 total credits of earth and space science coursework. Overlap with required coursework in the major will allow for this add-on license to be completed with an additional 8 - 11 credits.

- GEOL 269 Environmental Geology 3 cr. (completed in major)
- GEOL 102 Introductory Geology Lab 1 cr. (completed in major)
- ESM 302 Environmental Education Lab 1 cr. (completed in major)
- PHYS 117 Astronomy 3 cr. (completed in major)
- GEOL 330 Meteorology 3 cr.

#### **Choose 2 of the following courses:**

- GEOL 150 Historical Geology 4 cr.
- PHYS 318 Astrophysics 3 cr.
- GEOL 305 Geology of the Planets 2 cr.
- GEOL 441 Introduction to Geophysics 4 cr.

### Recommended Supplemental Coursework:

- GEOL 202 Oceanography 3 cr.

**ESM 360** Hydrology and Water Quality 4 cr.

## Broadfield Science Licensure: Chemistry

**BIOL 150** General Biology 3 cr.

**BIOL 210** General Botany

or **BIOL 230** General Zoology

or **BIOL 240** Cell and Molecular Biology 3 cr.

**CHEM 121** General Chemistry I 5 cr.

or **CHEM 120** Introduction to General Chemistry 6 cr.

**CHEM 122** General Chemistry II 5 cr.

**ESM 302** Environmental Education Lab 1 cr.

**GEOL 102** Introductory Geology Lab 1 cr.

**PHYS 117** Astronomy 3 cr.

**PHYS 161** Calculus-based Physics I 4 cr.

**PHYS 166** Calculus-based Physics Laboratory I 1 cr.

**PHYS 162** Calculus-based Physics II 4 cr.

**PHYS 167** Calculus-based Physics Laboratory II 1 cr.

**CHEM 231** Organic Chemistry I 3 cr.

**CHEM 236** Organic Chemistry Lab I 1 cr.

**CHEM 232** Organic Chemistry II 3 cr.

**CHEM 237** Organic Chemistry Lab II 1 cr.

**CHEM 250** Foundations of Analytical Chemistry 4 cr.

**CHEM 361** Biochemistry I 3 cr.

**CHEM 340** Physical Chemistry of Biological Systems 3 cr.

**CHEM 322** Inorganic Chemistry 4 cr.

**CHEM 480** Chemical Communications and Research 1 cr.

**CHEM 261** Laboratory Safety 2 cr.

### **Advanced Lab and Research Series: (choose one)**

**CHEM 355** Separation Science Laboratory 1 cr.

**CHEM 356** Chemical Instrumentation Lab 1 cr.

**CHEM 366** Biochemistry Laboratory 1 cr.

**CHEM 495** Undergraduate Research 1 cr.

## Required Supporting Coursework:

**GEOL 269** Environmental Geology (counted in general education) 0 cr.

## Earth and Space Science Licensing

An Earth and Space Science license will be earned upon completion of the coursework listed below. This additional concentration is based on 16-19 total credits of earth and space science coursework. Overlap with required and elective coursework in the major will allow for this add-on license to be completed with an additional 5-11 credits.

**GEOL 269** Environmental Geology 3 cr. (completed in major)  
**GEOL 102** Introductory Geology Lab 1 cr. (completed in major)  
**ESM 302** Environmental Education Lab 1 cr. (completed in major)  
**PHYS 117** Astronomy 3 cr. (completed in major)  
**GEOL 330** Meteorology 3 cr.

### Choose 2 of the following courses:

**GEOL 150** Historical Geology 4 cr.  
**PHYS 318** Astrophysics 3 cr. (possible elective in major)  
**GEOL 305** Geology of the Planets 2 cr.  
**GEOL 441** Introduction to Geophysics 4 cr.

### Recommended Supplemental Coursework:

**GEOL 202** Oceanography 3 cr.  
**ESM 360** Hydrology and Water Quality 4 cr.

## Broadfield Science Licensure: Physics 57-58 cr. hrs.

**BIOL 150** General Biology 3 cr.  
**BIOL 210** General Botany  
or **BIOL 230** General Zoology  
or **BIOL 240** Cell and Molecular Biology 3 cr.  
**CHEM 121** General Chemistry I 5 cr.  
or **CHEM 120** Introduction to General Chemistry 6 cr.  
**CHEM 122** General Chemistry II 5 cr.  
**ESM 302** Environmental Education Lab 1 cr.  
**GEOL 102** Introductory Geology Lab 1 cr.  
**PHYS 117** Astronomy 3 cr.

**PHYS 161** Calculus-based Physics I 4 cr.  
**PHYS 166** Calculus-based Physics Laboratory I 1 cr.  
**PHYS 162** Calculus-based Physics II 4 cr.

**PHYS 167** Calculus-based Physics Laboratory II 1 cr.

**MATH 167** Calculus II 4 cr.

**PHYS 264** Modern Physics 4 cr.

**PHYS 204** Intermediate Physics Lab 1 cr.

**PHYS 311** Electronics: Circuits and Devices 4 cr.

**PHYS 318** Astrophysics 3 cr.

**PHYS 485** Senior Seminar 1 cr.

**PHYS 362** Mathematics of Physics and Engineering II 3 cr.

**Choose 6 credits from the following electives:**

**PHYS 220** Science of Light 3 cr.

**PHYS 250** Statics 3 cr.

**PHYS 312** Electronics: Linear Integrated Circuits 3 cr.

**PHYS 313** Digital Electronics 3 cr.

**PHYS 331** Curriculum Physics 3 cr.

**Required Supporting Coursework:**

**GEOL 269** Environmental Geology (counted in general education) (0)

## Earth and Space Science Licensure

An Earth and Space Science license will be earned upon completion of the coursework listed below. This additional concentration is based on 16-19 total credits of earth and space science coursework. Overlap with required coursework in the major will allow for this add-on license to be completed with an additional 5-7 credits.

**GEOL 269** Environmental Geology 3 cr. (completed in major)

**GEOL 102** Introductory Geology Lab 1 cr. (completed in major)

**ESM 302** Environmental Education Lab 1 cr. (completed in major)

**PHYS 117** Astronomy 3 cr. (completed in major)

**GEOL 330** Meteorology 3 cr.

**Choose 2 of the following courses:**

**GEOL 202** Oceanography 3 cr.

**ESM 360** Hydrology and Water Quality 4 cr.



# UNIVERSITY OF WISCONSIN River Falls

## Business Administration Major

### Business Administration Major

#### Business Administration Major: 45 Total Credits

(with a minor or double major)

#### Lower Division 21 cr. hrs.

Required of all majors before enrolling in any upper level division courses.

**ECON 201** Principles of Microeconomics 3 cr.

**ECON 202** Principles of Macroeconomics 3 cr.

**ACCT 231** Principles of Accounting I 3 cr.

**ACCT 232** Principles of Accounting II 3 cr.

**CSIS 215** Information Systems for Business Management 3 cr.

**ECON 226** Introduction to Statistics 3 cr.

or **MATH 226** Fundamentals of Statistics

**BLAW 265** Business Law I 3 cr.

#### Upper Division 18 cr. hrs.

**MNGT 300** Management and Organizational Behavior 3 cr.

**MKTG 310** Principles of Marketing 3 cr.

**FINC 345** Managerial Finance 3 cr.

**ECON 326** Statistical Methods for Economics and Business 3 cr.

**MNGT 361** Operations Management 3 cr.

**MNGT 485** Strategic Management 3 cr.

#### Business Electives 6 cr. hrs.

Choose 6 credits of courses 300 level or higher from MKTG, MNGT or FINC.

#### Required Supporting Courses: 7-8 cr.

**A. CBE 100** Orientation to CBE 0.5 cr.

**CBE 300** Professional Development 0.5 cr.

**B. COMS 116** Business and Professional Communication 3 cr.

(waived if taken as GenEd)

or **ENGL 266** Business Writing 3 cr.

**C. ECON 205** Quantitative Analysis 3 cr.

or **MATH 156** Calculus for Business and Social Sciences 3 cr.

or **MATH 166** Calculus I 4 cr.

Undergraduate Business Administration students may not transfer more

## College of Business and Economics

124 South Hall

715-425-3335

[www.uwrf.edu/CBE/](http://www.uwrf.edu/CBE/)

The vision of the College of Business and Economics is to be a community of choice and the regional leader in the acquisition, study, application and sharing of business, economics and information technology knowledge. Consistent with this vision, the college is accredited by the Association to Advance Collegiate Schools of Business (AACSB) International.

## General Education Requirements

The **General Education** mathematics requirement for business majors can be met by taking **ECON 205** Quantitative Analysis, **MATH 156** Calculus for Business and Social Sciences, or **MATH 166** Calculus I.

## Admission Requirements

1. For all majors in the College of Business and Economics (CBE): Completion of at least 27 required general education credits with a minimum GPA of 2.25.

2. Additionally, the following must be completed, or in progress for completion, during the semester

than six credits of 300/400 level courses from non-AACSB accredited programs and institutions into the major.

Business Administration - Finance

Business Administration - Management

Business Administration - Marketing

preceding admission.

GPA of 2.50 in **ACCT 231**, **ACCT 232**;  
**CBE 100**; **ECON 201**, **ECON 202**;  
**CSIS 215**; **ECON 205** or **MATH 156**  
or **MATH 166**; **ECON 226** or **MATH**  
**226**; **COMS 116** or **ENGL 266**.

# UNIVERSITY OF WISCONSIN River Falls

## Business Administration Minor

### Business Administration Minor: 24 Total Credits

Prerequisites: **ECON 201**, **ECON 202**, and **ECON 226** (or **MATH 226**)

#### Required Courses 21 cr. hrs.

**ACCT 231** Principles of Accounting I 3 cr.

**ACCT 232** Principles of Accounting II 3 cr

**CSIS 215** Information Systems for Business Management 3 cr.

**BLAW 265** Business Law I 3 cr.

**FINC 345** Managerial Finance 3 cr.

**MNGT 300** Management and Organizational Behavior 3 cr.

**MKTG 310** Principles of Marketing 3 cr.

#### Business Electives: 3 cr. hrs.

Courses 300 level or higher from **MKTG**, **MNGT** or **FINC**

Prior to taking the 300 level courses required in the Business Administration minor ( **FINC 345**, **MKTG 310**, and **MNGT 300**), the following courses must first be completed: **ACCT 231**, **ACCT 232**, **CSIS 215**, **ECON 201**, **ECON 202**, and either **MATH 226** or **ECON 226**. It is recommended that business minors complete at least Math 146 (College Algebra).

### College of Business and Economics

124 South Hall

715-425-3335

[www.uwrf.edu/CBE/](http://www.uwrf.edu/CBE/)

# UNIVERSITY OF WISCONSIN River Falls

## Chemistry Major

### Core Requirements

#### Core A Requirements for All Chemistry Major Programs: 22-23 cr. hrs.

**CHEM 121** General Chemistry I 5 cr. or **CHEM 120** Introduction to General Chemistry 6 cr.

**CHEM 122** General Chemistry II 5 cr.

**CHEM 231** Organic Chemistry I 3 cr.

**CHEM 232** Organic Chemistry II 3 cr.

**CHEM 250** Foundations of Analytical Chemistry 4 cr.

**CHEM 355** Separation Science Laboratory 1 cr.

**CHEM 480** Chemical Communications and Research (writing intensive) 1 cr.

#### Core B Requirements for All Chemistry Major Programs: 24 cr. hrs.

**CHEM 130** Introduction to Organic Chemistry 5 cr.

**CHEM 233** Foundations of Organic Chemistry 5 cr.

**CHEM 240** Foundations of Inorganic Chemistry 4 cr.

**CHEM 250** Foundations of Analytical Chemistry 4 cr.

**CHEM 333** Organic Synthesis 4 cr.

**CHEM 355** Separation Science Laboratory 1 cr.

**CHEM 480** Chemical Communications and Research (writing intensive) 1 cr.

#### Required Supporting Courses: 14-21 cr. hrs.

**MATH 166** Calculus I 4 cr.

**MATH 167** Calculus II 4 cr.

**MATH 266** Calculus III 3 cr.

#### Choose one of the following two physics series I or II: 10 cr. hrs.

(Option B is required for ACS-approved options)

**Series I. PHYS 151** General Physics I

**PHYS 152** General Physics II

**PHYS 156** General Physics Laboratory I

**PHYS 157** General Physics Laboratory II

### General Education Requirements

Courses in the major or required supporting courses may be double counted to satisfy the General Education science requirements. Therefore, the total General Education credit hour requirement is reduced by the courses that can be double-counted.

### Department of Chemistry

253 Centennial Science Hall

715-425-3523

[www.uwrf.edu/CHEM/](http://www.uwrf.edu/CHEM/)

Jeff Rosenthal-Chair, Marilyn Duerst, Ross Jilk, Mike Kahlow, Lisa Kroutil, Daniel Marchand, Kevin McLaughlin, Barb Nielsen, Karl Peterson, David Rainville, Jeffrey Rosenthal, David Rusterholz, Jamie Schneider, Stacey Stoffregen

The Chemistry Department offers several options for chemistry majors, all of which are based on a core curriculum with additional requirements based on each option.

1. The Bachelor of Science regular option chemistry major is designed for students who desire a general education in chemistry as a background for careers in many fields such as polymer science,

**Series II. PHYS 161** General Physics I

**PHYS 162** General Physics II

**PHYS 166** General Physics Laboratory I

**PHYS 167** General Physics Laboratory II

Chemistry

Biochem.

Preprof.

Education

Dual Degree

## Chemistry-ACS: 68-70 Cr. hours

### Track A Requirements: 55-57 cr. hrs.

**CHEM 121** General Chemistry I 5 cr. or **CHEM 120** Introduction to General Chemistry 6 cr.

**CHEM 122** General Chemistry II 5 cr.

**CHEM 231** Organic Chemistry I 3 cr.

**CHEM 232** Organic Chemistry II 3 cr.

**CHEM 236** Organic Chemistry Lab I 1 cr.

**CHEM 237** Organic Chemistry Lab II 1 cr.

**CHEM 250** Foundations of Analytical Chemistry 4 cr.

**CHEM 261** Laboratory Safety 2 cr.

**CHEM 322** Inorganic Chemistry 4 cr.

**CHEM 341**<sup>1</sup> Chemical Thermodynamics and Kinetics (3 cr.) or **CHEM 342**<sup>1</sup> Molecular Structure and Spectroscopy 3 cr.

**CHEM 361** Biochemistry I 3 cr.

**CHEM 480** Chemical Communications and Research (writing intensive) 1 cr.

**BIOL 150** Introduction to Biology 3 cr.

**MATH 167** Calculus II 4 cr.

MATH elective<sup>2</sup> (3-4 cr.)

**PHYS 151** Algebra-Based I Physics I 4 cr.

**PHYS 152** Algebra-Based I Physics II 4 cr.

**PHYS 156** Algebra-Based I Physics Lab I 1 cr.

**PHYS 157** Algebra-Based Physics Lab II 1 cr.

Or

**PHYS 161** Calculus-Based Physics I 4 cr.

**PHYS 162** Calculus-Based Physics II 4 cr.

**PHYS 166** Calculus-Based Physics Laboratory I 1 cr.

**PHYS 167** Calculus-Based Physics Laboratory II 1 cr.

### Track A In-depth elective courses:

Minimum of 9 credits including at least 6 lab credits, one of which must

environmental analysis, industrial chemistry, materials science, various fields related to medical science, etc. This consists of 35 credit hours distributed among the major fields of chemistry.

2. The ACS-Approved regular option chemistry major is offered for those students who wish to pursue a more intensive program in chemistry approved by the American Chemical Society. This program includes the courses in the Bachelor of Science chemistry major and additional advanced courses. It is particularly recommended for students who intend to go to graduate school or work in the chemical industry. A course in computer use or programming and one year of foreign language are strongly recommended.

3. The biochemistry options are for those students who wish to pursue a career in biotechnology, the medical sciences or who desire a strong background in the chemistry of biological systems. The biochemistry program may be based on the Bachelor of Science major or the ACS Approved major. The ACS-Approved major is recommended for the student who plans to attend graduate school.

4. The education option chemistry major is designed for prospective secondary school teachers. The curriculum is planned so as to give the student (1) a broad general education, (2) specialized preparation in chemistry with a minor in a

be **CHEM 366** or **CHEM 402**.

**CHEM 311** Polymer Chemistry 3 cr.

**CHEM 333** Organic Synthesis 4 cr. (includes 2 lab cr.)

**CHEM 341**<sup>1</sup> Chemical Thermodynamics and Kinetics 3 cr. or **CHEM 342**<sup>1</sup> Molecular Structure and Spectroscopy 3 cr.

**CHEM 355** Separation Science Laboratory 1 lab cr.

**CHEM 356** Chemical Instrumentation Lab (writing intensive) 1 lab cr.

**CHEM 362** Biochemistry II 3 cr.

**CHEM 366** Biochemistry Laboratory (writing intensive) 1 lab cr.

**CHEM 378**<sup>3</sup> Semester Abroad 1-4 cr.; includes 1-4 cr. Lab

**CHEM 379**<sup>3</sup> Internship 1-4 cr.; includes 1-4 cr. lab

**CHEM 401** Advanced Chemistry Lab I (writing intensive) 1 lab cr.

**CHEM 402** Advanced Chemistry Lab II (writing intensive) 1 lab cr.

**CHEM 411** Polymer Science 3 cr.

**CHEM 416** Polymer Laboratory 1 lab cr.

**CHEM 422** Advanced Inorganic Chemistry 3 cr.

**CHEM 461** Pharmacology 3 cr.

**CHEM 489**<sup>3</sup> Special Topics in Chemistry 1-4 cr.

**CHEM 495**<sup>4</sup> Undergraduate Research 1-3 cr.; includes 1-3 lab cr.

**BIOL 451**<sup>5,7</sup> Molecular Biology 4 cr.; includes 1 lab cr.

**PHYS 465**<sup>6</sup> Quantum Mechanics 4 cr.

## Required Supporting Course: 4 credits

**MATH 166** Calculus I 4 cr.

## Track B Requirements: 55-56 cr.

**CHEM 130** Introduction to Organic Chemistry 5 cr.

**CHEM 233** Foundations of Organic Chemistry 5 cr.

**CHEM 240** Foundations of Inorganic Chemistry 4 cr.

**CHEM 250** Foundations of Analytical Chemistry 4 cr.

**CHEM 261** Laboratory Safety 2 cr.

**CHEM 322** Inorganic Chemistry 4 cr.

**CHEM 333** Organic Synthesis 4 cr.

**CHEM 341**<sup>1</sup> Chemical Thermodynamics and Kinetics 3 cr. or **CHEM 342**<sup>1</sup> Molecular Structure and Spectroscopy 3 cr.

**CHEM 361** Biochemistry I 3 cr.

**CHEM 480** Chemical Communications and Research (writing intensive) 1 cr.

**BIOL 150** Introduction to Biology 3 cr.

supporting field and (3) professional training necessary for effective teaching. In order to be admitted to the College of Education, the student needs to be evaluated and recommended by the Chemistry Education Advisory Committee. Contact the Chemistry Department chair for further information.

5. The polymer option is designed for those students who wish to pursue a career in the chemical industry working with new materials for applications in aerospace, electronics, medicine, building, and transportation industries. Students completing this option will be prepared to directly enter the chemical industry or go on to graduate school in areas of study such as polymers or material science. The polymer option is based on the ACS-Approved major.

Note: Substitution of other courses for degree requirements is possible upon application and approval by the department. This is on a case-by-case basis and particularly may affect students who change to a chemistry major or who transfer to UWRF. Students should confer with their adviser and/or the department chair.

The Department of Chemistry at UWRF is approved by the American Chemical Society. Students who are interested in pursuing advanced training in chemistry may obtain an ACS-Approved degree by taking

**MATH 167** Calculus II 4 cr.

MATH elective<sup>2</sup> (3-4 cr.)

**PHYS 151** Algebra-Based I Physics I 4 cr.

**PHYS 152** Algebra-Based I Physics II 4 cr.

**PHYS 156** Algebra-Based I Physics Lab I 1 cr.

**PHYS 157** Algebra-Based Physics Lab II 1 cr.

Or

**PHYS 161** Calculus-Based Physics I 4 cr.

**PHYS 162** Calculus-Based Physics II 4 cr.

**PHYS 166** Calculus-Based Physics Laboratory I 1 cr.

**PHYS 167** Calculus-Based Physics Laboratory II 1 cr.

### Track B In-depth elective courses:

Minimum of 9 credits including at least 3 lab credits, one of which must be **CHEM 366** or **CHEM 402**.

**CHEM 311** Polymer Chemistry 3 cr.

**CHEM 341**<sup>1</sup> Chemical Thermodynamics and Kinetics 3 cr. or **CHEM 342**<sup>1</sup> Molecular Structure and Spectroscopy 3 cr.

**CHEM 355** Separation Science Laboratory 1 lab cr.

**CHEM 356** Chemical Instrumentation Lab (writing intensive) 1 lab cr.

**CHEM 362** Biochemistry II 3 cr.

**CHEM 366** Biochemistry Laboratory (writing intensive) 1 lab cr.

**CHEM 378**<sup>3</sup> Semester Abroad 1-4 cr.; includes 1-4 cr. Lab

**CHEM 379**<sup>3</sup> Internship 1-4 cr.; includes 1-4 cr. lab

**CHEM 401** Advanced Chemistry Lab I (writing intensive) 1 lab cr.

**CHEM 402** Advanced Chemistry Lab II (writing intensive) 1 lab cr.

**CHEM 411** Polymer Science 3 cr.

**CHEM 416** Polymer Laboratory 1 lab cr.

**CHEM 422** Advanced Inorganic Chemistry 3 cr.

**CHEM 461** Pharmacology 3 cr.

**CHEM 489**<sup>3</sup> Special Topics in Chemistry 1-4 cr.

**CHEM 495**<sup>4</sup> Undergraduate Research 1-3 cr.; includes 1-3 lab cr.

**BIOL 451**<sup>5,7</sup> Molecular Biology 4 cr.; includes 1 lab cr.

**PHYS 465**<sup>6</sup> Quantum Mechanics 4 cr.

### Required Supporting Course: 4 credits

**MATH 166** Calculus I 4 cr.

1. Both **CHEM 341** and **CHEM 342** are strongly recommended for students considering graduate education in chemistry. Both courses

several additional chemistry courses.

Within the required supporting courses, the calculus-based physics courses 161, 162, 166, 167 are required for the ACS-Approved Option.

- require **MATH 167**, and **PHYS 152** or **PHYS 162**.
2. Math electives could include: **MATH 236** Discrete Mathematics, **MATH 256** Linear Algebra, **MATH 326** Applied Statistics, **MATH 346** Numerical Analysis, or **PHYS 361** Mathematics of Physics and Engineering.
  3. **CHEM 378**, **CHEM 379** and **CHEM 489** could be worth 1-4 credits each for a combined maximum of 4 credits counting toward the in-depth electives. Actual credits will be determined based on department approval at the time of enrollment.
  4. A maximum of 3 credits of **CHEM 495** can count toward the in-depth electives.
  5. **BIOL 451** requires **BIOL 240**, **BIOL 324** and **BIOL 350**.
  6. **PHYS 465** requires **PHYS 264**, **PHYS 261** (or **CHEM 342**), **MATH 256** and **MATH 331**.
  7. A maximum of 4 credits of non-chemistry courses may count toward the in-depth electives.

## Biochemistry-ACS: 77-79 Cr. hours

### Track A Requirements: 70-71 cr. hrs.

**CHEM 121** General Chemistry I 5 cr. or **CHEM 120** Introduction to General Chemistry 6 cr.

**CHEM 122** General Chemistry II 5 cr.

**CHEM 231** Organic Chemistry I 3 cr.

**CHEM 232** Organic Chemistry II 3 cr.

**CHEM 236** Organic Chemistry Lab I 1 cr.

**CHEM 237** Organic Chemistry Lab II 1 cr.

**CHEM 250** Foundations of Analytical Chemistry 4 cr.

**CHEM 261** Laboratory Safety 2 cr.

**CHEM 322** Inorganic Chemistry 4 cr.

**CHEM 341**<sup>1</sup> Chemical Thermodynamics and Kinetics 3 cr. or **CHEM**

**342**<sup>1</sup> Molecular Structure and Spectroscopy 3 cr.

**CHEM 361** Biochemistry I 3 cr.

**CHEM 362** Biochemistry II 3 cr.

**CHEM 366** Biochemistry Laboratory (writing intensive) 1 lab cr.

**CHEM 480** Chemical Communications and Research (writing intensive) 1 cr.

**BIOL 150** Introduction to Biology 3 cr.

**BIOL 240**



BIOL 324

BIOL 350

BIOL 451<sup>4,6</sup> Molecular Biology 4 cr.

MATH 167 Calculus II 4 cr.

PHYS 151 Algebra-Based I Physics I 4 cr.

PHYS 152 Algebra-Based I Physics II 4 cr.

PHYS 156 Algebra-Based I Physics Lab I 1 cr.

PHYS 157 Algebra-Based Physics Lab II 1 cr.

Or

PHYS 161 Calculus-Based Physics I 4 cr.

PHYS 162 Calculus-Based Physics II 4 cr.

PHYS 166 Calculus-Based Physics Laboratory I 1 cr.

PHYS 167 Calculus-Based Physics Laboratory II 1 cr.

**Track A In-depth elective courses:  
Minimum of 4 credits including at least 4 lab  
credits, one of which must be CHEM 366 or  
CHEM 402.**

CHEM 311 Polymer Chemistry 3 cr.

CHEM 333 Organic Synthesis 4 cr. includes 2 lab cr.

CHEM 341<sup>1</sup> Chemical Thermodynamics and Kinetics 3 cr. or CHEM  
342<sup>1</sup> Molecular Structure and Spectroscopy 3 cr.

CHEM 355 Separation Science Laboratory 1 lab cr.

CHEM 356 Chemical Instrumentation Lab (writing intensive) 1 lab cr.)

CHEM 378<sup>2</sup> Semester Abroad 1-4 cr.; includes 1-4 cr. Lab)

CHEM 379<sup>2</sup> Internship 1-4 cr.; includes 1-4 cr. lab

CHEM 401 Advanced Chemistry Lab I (writing intensive) 1 lab cr.

CHEM 402 Advanced Chemistry Lab II (writing intensive) 1 lab cr.

CHEM 411 Polymer Science 3 cr.

CHEM 416 Polymer Laboratory 1 lab cr.

CHEM 422 Advanced Inorganic Chemistry 3 cr.

CHEM 461 Pharmacology 3 cr.

CHEM 489<sup>2</sup> Special Topics in Chemistry 1-4 cr.

CHEM 495<sup>3</sup> Undergraduate Research 1-3 cr.; includes 1-3 lab cr.

PHYS 465<sup>5,6</sup> Quantum Mechanics 4 cr.

**Required Supporting Course: 4 credits**

MATH 166 Calculus I 4 cr.

**Track B Requirements: 70 cr.**

**CHEM 130** Introduction to Organic Chemistry 5 cr.  
**CHEM 233** Foundations of Organic Chemistry 5 cr.  
**CHEM 240** Foundations of Inorganic Chemistry 4 cr.  
**CHEM 250** Foundations of Analytical Chemistry 4 cr.  
**CHEM 261** Laboratory Safety (2 cr.)  
**CHEM 322** Inorganic Chemistry (4 cr.)  
**CHEM 333** Organic Synthesis 4 cr.  
**CHEM 341**<sup>1</sup> Chemical Thermodynamics and Kinetics (3 cr.) or **CHEM 342**<sup>1</sup> Molecular Structure and Spectroscopy (3 cr.)  
**CHEM 361** Biochemistry I 3cr.  
**CHEM 362** Biochemistry II 3 cr.  
**CHEM 366** Biochemistry Laboratory (writing intensive) 1 lab cr.  
**CHEM 480** Chemical Communications and Research (writing intensive) 1 cr.

**BIOL 150** Introduction to Biology (3 cr.)

**BIOL 240**

**BIOL 324**

**BIOL 350**

**BIOL 451**<sup>4,6</sup> Molecular Biology 4 cr.

**MATH 167** Calculus II 4 cr.

**MATH** elective<sup>2</sup> (3-4 cr.)

**PHYS 151** Algebra-Based I Physics I 4 cr.

**PHYS 152** Algebra-Based I Physics II 4 cr.

**PHYS 156** Algebra-Based I Physics Lab I 1 cr.

**PHYS 157** Algebra-Based Physics Lab II 1 cr.

Or

**PHYS 161** Calculus-Based Physics I 4 cr.

**PHYS 162** Calculus-Based Physics II 4 cr.

**PHYS 166** Calculus-Based Physics Laboratory I 1 cr.

**PHYS 167** Calculus-Based Physics Laboratory II 1 cr.

### Track B In-depth elective courses:

Minimum of 3 credits including at least 3 lab credits

**CHEM 311** Polymer Chemistry (3 cr.)

**CHEM 341**<sup>1</sup> Chemical Thermodynamics and Kinetics (3 cr.) or **CHEM 342**<sup>1</sup> Molecular Structure and Spectroscopy (3 cr.)

**CHEM 355** Separation Science Laboratory (1 lab cr.)

**CHEM 356** Chemical Instrumentation Lab (writing intensive) (1 lab cr.)

- CHEM 378<sup>3</sup>** Semester Abroad (1-4 cr.; includes 1-4 cr. Lab)
- CHEM 379<sup>3</sup>** Internship (1-4 cr.; includes 1-4 cr. lab)
- CHEM 401** Advanced Chemistry Lab I (writing intensive) (1 lab cr.)
- CHEM 402** Advanced Chemistry Lab II (writing intensive) (1 lab cr.)
- CHEM 411** Polymer Science (3 cr.)
- CHEM 416** Polymer Laboratory (1 lab cr.)
- CHEM 422** Advanced Inorganic Chemistry (3 cr.)
- CHEM 461** Pharmacology (3 cr.)
- CHEM 489<sup>2</sup>** Special Topics in Chemistry (1-4 cr.)
- CHEM 495<sup>3</sup>** Undergraduate Research (1-3 cr.; includes 1-3 lab cr.)
- PHYS 465<sup>5,6</sup>** Quantum Mechanics (4 cr.)

## Required Supporting Course: 4 credits

**MATH 166** Calculus I (4 cr.)

1. Both **CHEM 341** and **CHEM 342** are strongly recommended for students considering graduate education in chemistry. Both courses require **MATH 167**, and **PHYS 152** or **PHYS 162**.
2. **CHEM 378**, **CHEM 379** and **CHEM 489** could be worth 1-4 credits each for a combined maximum of 4 credits counting toward the in-depth electives. Actual credits will be determined based on department approval at the time of enrollment.
3. A maximum of 3 credits of **CHEM 495** can count toward the in-depth electives.
4. **BIOL 451** requires **BIOL 240**, **BIOL 324**, and **BIOL 350**.
5. **PHYS 465** requires **PHYS 264**, **PHYS 261** (or **CHEM 342**), **MATH 256** and **MATH 331**.
6. A maximum of 4 credits of non-chemistry courses may count toward the in-depth electives.

## Biochemistry-Pre-professional: 63-65 Cr. hours

### Track A Requirements: 55-57 cr. hrs.

- CHEM 121** General Chemistry I 5 cr. or **CHEM 120** Introduction to General Chemistry 6 cr.
- CHEM 122** General Chemistry II 5 cr.
- CHEM 231** Organic Chemistry I 3 cr.

CHEM 232 Organic Chemistry II 3 cr.

CHEM 236 Organic Chemistry Lab I 1 cr.

CHEM 237 Organic Chemistry Lab II 1 cr.

CHEM 250 Foundations of Analytical Chemistry 4 cr.

CHEM 261 Laboratory Safety 2 cr.

CHEM 322 Inorganic Chemistry 4 cr.

CHEM 340<sup>1</sup> Chemical Thermodynamics and Kinetics (3 cr.) or CHEM

342<sup>1</sup> Molecular Structure and Spectroscopy 3 cr.

CHEM 361 Biochemistry I 3 cr.

CHEM 362 Biochemistry II 3 cr.

CHEM 366 Biochemistry Laboratory (writing intensive) 1 cr.

CHEM 480 Chemical Communications and Research (writing intensive)  
1 cr.

BIOL 150 Introduction to Biology 3 cr.

MATH elective<sup>2</sup> (3-4 cr.)

PHYS 151 Algebra-Based I Physics I 4 cr.

PHYS 152 Algebra-Based I Physics II 4 cr.

PHYS 156 Algebra-Based I Physics Lab I 1 cr.

PHYS 157 Algebra-Based Physics Lab II 1 cr.

Or

PHYS 161 Calculus-Based Physics I 4 cr.

PHYS 162 Calculus-Based Physics II 4 cr.

PHYS 166 Calculus-Based Physics Laboratory I 1 cr.

PHYS 167 Calculus-Based Physics Laboratory II 1 cr.

### Track A In-depth elective courses:

Minimum of 8 credits including at least 3 lab credits

CHEM 311 Polymer Chemistry 3 cr.

CHEM 333 Organic Synthesis 4 cr. (includes 2 lab cr.)

CHEM 341<sup>2</sup> Chemical Thermodynamics and Kinetics 3 cr. or CHEM

342<sup>1</sup> Molecular Structure and Spectroscopy 3 cr.

CHEM 355 Separation Science Laboratory 1 lab cr.

CHEM 356 Chemical Instrumentation Lab (writing intensive) 1 lab cr.

CHEM 378<sup>3</sup> Semester Abroad 1-4 cr.; includes 1-4 cr. Lab

CHEM 379<sup>3</sup> Internship 1-4 cr.; includes 1-4 cr. lab

CHEM 401 Advanced Chemistry Lab I (writing intensive) 1 lab cr.

CHEM 402 Advanced Chemistry Lab II (writing intensive) 1 lab cr.

CHEM 411 Polymer Science 3 cr.

- CHEM 416 Polymer Laboratory 1 lab cr.  
CHEM 422 Advanced Inorganic Chemistry 3 cr.  
CHEM 461 Pharmacology 3 cr.  
CHEM 489<sup>3</sup> Special Topics in Chemistry 1-4 cr.  
CHEM 495<sup>4</sup> Undergraduate Research 1-3 cr.; includes 1-3 lab cr.  
BIOL 350 Genetics and Evolution 3 cr.  
BIOL 451<sup>5,7</sup> Molecular Biology 4 cr.; includes 1 lab cr.

### Required Supporting Course: 4 credits

- MATH 166 Calculus I 4 cr.

### Track B Requirements: 51-52 cr.

- CHEM 130 Introduction to Organic Chemistry 5 cr.  
CHEM 233 Foundations of Organic Chemistry 5 cr.  
CHEM 240 Foundations of Inorganic Chemistry 4 cr.  
CHEM 250 Foundations of Analytical Chemistry 4 cr.  
CHEM 261 Laboratory Safety 2 cr.  
CHEM 322 Inorganic Chemistry 4 cr.  
CHEM 340 Physical Chemistry of Biological Systems 3 cr.  
CHEM 361 Biochemistry I 3 cr.  
CHEM 362 Biochemistry II 3 cr.  
CHEM 366 Biochemistry Laboratory (writing intensive) 1 lab cr.  
CHEM 480 Chemical Communications and Research (writing intensive)  
1 cr.
- BIOL 150 Introduction to Biology 3 cr.  
MATH elective<sup>1</sup> (3-4 cr.)

- PHYS 151 Algebra-Based I Physics I 4 cr.  
PHYS 152 Algebra-Based I Physics II 4 cr.  
PHYS 156 Algebra-Based I Physics Lab I 1 cr.  
PHYS 157 Algebra-Based Physics Lab II 1 cr.

Or

- PHYS 161 Calculus-Based Physics I 4 cr.  
PHYS 162 Calculus-Based Physics II 4 cr.  
PHYS 166 Calculus-Based Physics Laboratory I 1 cr.  
PHYS 167 Calculus-Based Physics Laboratory II 1 cr.

### Track B In-depth elective courses:

Minimum of 13 credits including at least 2 lab credits

**CHEM 311** Polymer Chemistry 3 cr.  
**CHEM 333** Organic Synthesis 4 cr.; includes 2 lab cr.  
**CHEM 341**<sup>1</sup> Chemical Thermodynamics and Kinetics 3 cr. or **CHEM 342**<sup>1</sup> Molecular Structure and Spectroscopy 3 cr.  
**CHEM 355** Separation Science Laboratory 1 lab cr.  
**CHEM 356** Chemical Instrumentation Lab (writing intensive) 1 lab cr.  
**CHEM 378**<sup>3</sup> Semester Abroad 1-4 cr.; includes 1-4 cr. Lab  
**CHEM 379**<sup>3</sup> Internship 1-4 cr.; includes 1-4 cr. lab  
**CHEM 401** Advanced Chemistry Lab I (writing intensive) 1 lab cr.  
**CHEM 402** Advanced Chemistry Lab II (writing intensive) 1 lab cr.  
**CHEM 411** Polymer Science 3 cr.  
**CHEM 416** Polymer Laboratory 1 lab cr.  
**CHEM 422** Advanced Inorganic Chemistry 3 cr.  
**CHEM 461** Pharmacology 3 cr.  
**CHEM 489**<sup>3</sup> Special Topics in Chemistry 1-4 cr.  
**CHEM 495**<sup>4</sup> Undergraduate Research 1-3 cr.; includes 1-3 lab cr.  
**BIOL 350**<sup>6</sup> Genetics and Evolution 3 cr.  
**BIOL 451**<sup>5,7</sup> Molecular Biology 4 cr.; includes 1 lab cr.

## Required Supporting Course: 4 credits

**MATH 166** Calculus I 4 cr.

1. Math electives could include: **MATH 226** Fundamentals of Statistics, **MATH 167** Calculus II, **MATH 236** Discrete Mathematics, **MATH 256** Linear Algebra, or **MATH 326** Applied Statistics
2. Both **CHEM 341** and **CHEM 342** are strongly recommended for students considering graduate education in chemistry. Both courses require **MATH 167**, and **PHYS 152** or **PHYS 162**.
3. **CHEM 378**, **CHEM 379** and **CHEM 489** could be worth 1-4 credits each for a combined maximum of 4 credits counting toward the in-depth electives. Actual credits will be determined based on department approval at the time of enrollment.
4. A maximum of 3 credits of **CHEM 495** can count toward the in-depth electives.
5. **BIOL 451** requires **BIOL 240**, **BIOL 324** and **BIOL 350**.
6. **BIOL 350** requires **BIOL 240**.
7. A maximum of 4 credits of non-chemistry courses may count toward the in-depth electives.

## Chemistry Major-Education

## Major Requirements - Secondary Education

35-36 Total Credits

Core Requirements: 22-24 cr. hrs.

Required Supporting Courses: 21 cr. hrs.(not counted in total for major)

### Secondary Education Option

Required Courses: 12-14 cr. hrs.

CHEM 236 Organic Chemistry Lab I 1 cr. (Core A only)

CHEM 237 Organic Chemistry Lab II 1 cr. (Core A only)

CHEM 341 Chemical Thermodynamics and Kinetics (3 cr.)

or CHEM 342 Molecular Structure and Spectroscopy 3 cr.

CHEM 356 Chemical Instrumentation Lab (writing intensive) 1 lab cr.

CHEM 401 Advanced Chemistry Lab I (writing intensive) 1 lab cr.

CHEM 402 Advanced Chemistry Lab II (writing intensive) 1 lab cr.

CHEM 422 Advanced Inorganic Chemistry 3 cr.

### Physical Science Option

### Broadfield Science Licensure

## Chemistry-Dual Degree (Engineering)

This major is awarded jointly with a B.S. in engineering after the student has successfully completed a three-year program at UW-River Falls with a minimum grade point average of 3.0 and a two-year program at either UW-Madison or the University of Minnesota.

### Required Courses 29-30 cr. hrs.

CHEM 121 General Chemistry I 5 cr. or CHEM 120 Introduction to General Chemistry 6 cr.

CHEM 122 General Chemistry II 5 cr.

CHEM 231 Organic Chemistry I 3 cr.

CHEM 232 Organic Chemistry II 3 cr.

CHEM 246 Synthetic and Analytical Techniques in Organic Chem I 2 cr.

CHEM 247 Synthetic and Analytical Techniques in Organic Chem II 1 cr.

CHEM 251 Analytical Chemistry 2 cr.

CHEM 256 Analytical Chemistry Lab 1 cr.

CHEM 341 Chemical Thermodynamics and Kinetics (3 cr.)

or CHEM 342 Molecular Structure and Spectroscopy 3 cr.

CHEM 355 Separation Science Laboratory 1 cr.

Credits transferred from Engineering School 30 cr. hrs.

Required supporting courses at UWRF 34 cr. hrs.

PHYS 161 Calculus-Based Physics I 4 cr.

PHYS 162 Calculus-Based Physics II 4 cr.

PHYS 166 Calculus-Based Physics Laboratory I 1 cr.

PHYS 167 Calculus-Based Physics Laboratory II 1 cr.

PHYS 211 Scientific Programming 3 cr.

PHYS 264 General Physics 4 cr.

MATH 166 Calculus I 4 cr.

MATH 167 Calculus II 4 cr.

MATH 256 Linear Algebra 3 cr.

MATH 266 Calculus III 3 cr.

MATH 331 Differential Equations 3 cr.



UNIVERSITY OF WISCONSIN **River Falls****Chemistry Minor****Liberal Arts and Education Minor: 22-25 Total Credits****Required Courses: 10-11 cr. hrs.****Option A**

CHEM 121 General Chemistry I 5 cr.

or CHEM 120 Introduction to General Chemistry 6 cr.

CHEM 122 General Chemistry II 5 cr.

**Option B**

CHEM 130 Introduction to Organic Chemistry 5 cr

CHEM 233 Foundations of Organic Chemistry 5 cr

**Directed electives: Liberal Arts Minor: 12 cr. hrs.****or Secondary Education Minor: 14 cr. hrs.**

At least one course must be at the 300 level or above.

CHEM 231 Organic Chemistry I 3 cr.

CHEM 232 Organic Chemistry II 3 cr.

CHEM 236 Organic Chemistry Lab I 1 cr. (Core A only)

CHEM 237 Organic Chemistry Lab II 1 cr. (Core A only)

CHEM 240 Foundations of Inorganic Chemistry 4 cr.

CHEM 246 Synthetic and Analytical Techniques in Organic Chem I 2 cr.

CHEM 247 Synthetic and Analytical Techniques in Organic Chem II 1 cr.

CHEM 250 Foundations of Analytical Chemistry 4 cr.

CHEM 311 Polymer Chemistry 3 cr.

CHEM 333 Organic Synthesis 4 cr.

CHEM 340 Physical Chemistry of Biological Systems 3 cr.

CHEM 341 Chemical Thermodynamics and Kinetics 3 cr.

CHEM 342 Molecular Structure and Spectroscopy 3 cr.

CHEM 355 Separation Science Laboratory 1 cr.

CHEM 356 Chemical Instrumentation Lab (writing intensive) 1 cr.

CHEM 361 Biochemistry I 3 cr.

CHEM 362 Biochemistry II 3 cr.

CHEM 366 Biochemistry Laboratory (writing intensive) 1 cr.

CHEM 411 Polymer Science 3 cr.

CHEM 416 Polymer Laboratory 1 cr.

CHEM 422 Advanced Inorganic Chemistry (writing intensive) 3 cr.

CHEM 432 Advanced Organic Chemistry 3 cr.

CHEM 461 Pharmacology 3 cr.

CHEM 495 Undergraduate Research 1 cr.

**Department of  
Chemistry****253 Centennial Science  
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[www.uwrf.edu/CHEM/](http://www.uwrf.edu/CHEM/)**Jeff Rosenthal-Chair, Marilyn Duerst,  
Ross Jilk, Mike Kahlow, Lisa Kroutil,  
Daniel Marchand, Kevin McLaughlin,  
Barb Nielsen, Karl Peterson, David  
Rainville, Jeffrey Rosenthal, David  
Rusterholz, Jamie Schneider, Stacey  
Stoffregen

# UNIVERSITY OF WISCONSIN River Falls

## Clinical Exercise Physiology, MS

### Program Overview

### Degree Requirements

**Total credits to degree: 33-36**

**BIOL 700** Cardiac Anatomy and Physiology, 4 cr.

**BIOL 710** Medical Pharmacology, 3 cr.

**EXSS 701** Advanced Physiology of Exercise, 3 cr.

**EXSS 705** Nutrition in Health & Human Performance, 3 cr.

**EXSS 710** Statistical Methods in Health and Human Performance, 3 cr.

**EXSS 730** Techniques of Research in Health and Human Performance, 3 cr.

**EXSS 745** Physical Activity and Chronic Disease, 3 cr.

**EXSS 755** ECG Interpretation-GXT, 3 cr.

**EXSS 785** Cardio-Pulmonary Rehabilitation, 3 cr.

**EXSS 793** Plan B Paper, 2 cr.

or **EXSS 799** Thesis, 3 cr.

#### **Required clinical experience**

**EXSS 774** Clinical Internship, 3-5 cr.

### For More Information

Dr. Joseph O'Kroy, graduate program  
coordinator

Health and Human Performance  
Department

Phone: 715-425-0626

[Email](#)

# UNIVERSITY OF WISCONSIN River Falls

## Coaching Minor

### Minor Requirements 23 Total Credits

#### Required Courses: 18 cr. hrs.

**EXSS 465** Scientific Principles of Conditioning 3 cr.

**HEAL 262** Human Anatomy and Physiology 3 cr.

(or **HEAL 263** and **HEAL 366**)

**P ED 213** Care and Prevention of Athletic Injury 2 cr.

**P ED 354** Biomechanics 3 cr.

**P ED 363** Psychology of Coaching 3 cr.

**P ED 472** Coaching Practicum 3 cr.

**SFED 200** First Aid and Basic Life Support .5 cr.

#### Coaching Theory Classes: 6 cr. hrs.

Required to take at least two coaching theory classes.

**P ED 356** Tennis Coaching 2 cr.

**P ED 358** Track Coaching 2 cr.

**P ED 359** Volleyball Coaching 2 cr.

**P ED 365** Football Coaching 2 cr.

**P ED 366** Swimming Coaching 2 cr.

**P ED 367** Basketball Coaching 2 cr.

**P ED 368** Ice Hockey Coaching 2 cr.

**P ED 369** Baseball/Softball Coaching 2 cr.

**Students may satisfy this 6 cr. requirement by choosing a maximum of 2 cr. from the following or taking an additional coaching theory class:**

**P ED 166** Football Officiating 1 cr.

**P ED 167** Basketball Officiating 1 cr.

**P ED 270** Athletic Training Practicum 2 cr.

**P ED 351** Coaching Young Athletes 2 cr.

### Department of Health and Human Performance

**111 Karges Center**

**715-425-3705**

**[www.uwrf.edu/HHP/](http://www.uwrf.edu/HHP/)**

Chair-Joe O'Kroy, Jeff Berkhof, Rob Confessore, Matt Ebner, Ken Ecker, Gary Eloranta, Patti Ford, Steve Freeman, Stacy Furness, James Gostomski, Cindy Holbrook, Faye Perkins, Robert Ritzer, Jodee Schaben, Paul Shirilla, Matt Walker, Jake Wissing

# UNIVERSITY OF WISCONSIN River Falls

## Communication Studies Minor

### Communication Studies Minor - Elementary Education

#### Communication Studies Minor - Elementary Education 24 Total Credits

##### Required Courses: 9 cr. hrs.

COMS 223 Oral Interpretation of Literature 3 cr.

COMS 306 Nonverbal Communication 3 cr.

COMS 407 Listening Instruction 3 cr.

##### Directed Electives: 9 cr. hrs.

COMS 208 Problem Solving in Small Group Communication 3 cr.

COMS 327 Children,s Theatre and Puppetry 3 cr.

COMS 328 Creative Dramatics for Children and Special Populations 3 cr.

COMS 335 Directing I 3 cr.

or

COMS 231 Stage Technology and Scene Painting

##### Electives in COMS: 6 cr. hrs.

A research/writing course experience is required in the major or another field; COMS 284 Sophomore Seminar or another course approved by the department chair, will satisfy this requirement. A senior portfolio experience is required in the major or another field; COMS 484, Senior Portfolio Seminar or another course approved by the department chair, will satisfy this requirement.

### Communication Studies Minor - Liberal Arts, B.S.

#### 24 Total Credits

##### Required Courses: 12 cr. hrs.

COMS 106 Interpersonal Communication 3 cr.

COMS 207 Listening Skills 3 cr.

COMS 306 Nonverbal Communication 3 cr.

COMS 311 Persuasion 3 cr.

##### Directed Electives: 12 cr. hrs.

COMS 208 Problem Solving in Small Group Communication 3 cr.

or

COMS 316 Organizational Communication

COMS 211 Public Speaking 3 cr.

COMS 312 Argumentation and Decision Making 3 cr.

### Department of Communication Studies and Theatre Arts

B-24 Kleinpell Fine Arts  
715-425-3971  
[www.uwrf.edu/CSTA](http://www.uwrf.edu/CSTA)

**Communication Studies:** Jennifer Willis-Rivera (Chair), Grace Coggio, Eric Eberhardt, Sean Larson, Sarah Lechowich, Steve Phalen, Angie Siwik

**Digital Film and Television:** Jim Zimmerman, Erik Johnson

**Dance Education:** Karla Zhe, Mari Kline, Marius Andahazy

**Theatre Arts:** Robin Murray (Chair), Ken Stofferahn, Jim Zimmerman, Sean Dooley, Maddie Weber (Costume Designer)

# UNIVERSITY OF WISCONSIN River Falls

## Communication Studies Major

### Core Requirements: 12 Credits

- COMS 106 Interpersonal Communication 3 cr.
- COMS 286 Introduction to Communication Studies 3 cr.
- COMS 386 Communication Theory and Qualitative Research 3 cr.
- COMS 486 Senior Capstone 3 cr.

### Goal Requirements: 12-14 credits

Students will take courses to fulfill the five goals of the Communication Studies Program. Courses may be counted in up to two separate goals. For example, if a student takes COMS 308, it may count for BOTH Goal One and Goal Three.

**Goal One:** Students must take TWO of the following courses to fulfill the goal "Ability to Collaborate."

- COMS 206 Family Communication
- COMS 308 Small Group Communication
- COMS 316 Organizational Communication
- COMS 318 Communication and Leadership
- COMS 416 Training and Development

**Goal Two:** Students must take ONE of the following courses to fulfill the goal "Ability to Comprehend Research."

- COMS 306 Nonverbal Communication
- COMS 319 Freedom to Speak
- COMS 440 Gender Communication
- COMS 314 Rhetorical Criticism

**Goal Three:** Students must take TWO of the following courses to fulfill the goal "Ability to be Innovative, Strategic and Effective Communicators."

- COMS 206 Family Communication
- COMS 211 Public Speaking
- COMS 213 Intercultural Communication
- COMS 216 Communication in the Interview
- COMS 306 Nonverbal Communication
- COMS 308 Small Group Communication
- COMS 312 Argumentation
- COMS 315 Communication and Social Change
- COMS 318 Communication and Leadership

All majors are required to take *either* COMS 101 Fundamentals of Oral Communication *or* COMS 116 Business and Professional Communication

## Department of Communication Studies and Theatre Arts

B-24 Kleinpell Fine Arts  
715-425-3971  
[www.uwrf.edu/CSTA](http://www.uwrf.edu/CSTA)

**Communication Studies:** Jennifer Willis-Rivera (Chair), Grace Coggio, Eric Eberhardt, Sean Larson, Sarah Lechowich, Steve Phalen, Angie Siwik

**Digital Film and Television:** Jim Zimmerman, Erik Johnson

**Dance Education:** Karla Zhe, Mari Kline, Marius Andahazy

**Theatre Arts:** Robin Murray (Chair), Ken Stofferahn, Jim Zimmerman, Sean Dooley, Maddie Weber (Costume Designer)

**COMS 416** Training and Development

**Goal Four:** Students must take ONE of the following courses to fulfill the goal "Ability to Comprehend Communication Literacy."

**COMS 206** Family Communication

**COMS 306** Nonverbal Communication

**COMS 308** Small Group Communication

**COMS 314** Rhetorical Criticism

**COMS 315** Communication and Social Change

**COMS 316** Organizational Communication

**COMS 319** Freedom to Speak

**COMS 416** Training and Development

**COMS 440** Gender Communication

**Goal Five:** Students must take TWO of the following courses to fulfill the goal "Ability to Communicate Ethically."

**COMS 211** Public Speaking

**COMS 213** Intercultural Communication

**COMS 315** Communication in Social Change

**COMS 318** Communication and Leadership

**COMS 319** Freedom to Speak

**COMS 314** Rhetorical Criticism

**Individual Study Requirements: 3-4 Credits**

Students will take one of the following to complement their course of study in consultation with their advisor.

**COMS 379** Communication Studies Internship (3-4 hours)

**COMS 499** Independent Study (3 hours)

**Directed Electives: up to 9 credits**

Students must take additional credits in COMS to equal a minimum of 36 credits in the major.

**Supporting Course**

Students must take either **COMS 101** or **COMS 116** as a supporting course for the major.

**COMS 313** Intercultural Communication 3 cr.

**COMS 314** Introduction to Criticism for Oral Communication 3 cr.

**COMS 319** Freedom to Speak 3 cr.

**COMS 414** Speech in History 3 cr.

**COMS 440** Gender Communication 3 cr.

**COMS 370** Intercollegiate Debate 1 cr.

or

**COMS 371** Intercollegiate Forensics 1 cr.

or

**COMS 379** Internship in COMS 3-12 cr.

**COMS 499** Independent Study/Independent Research 1-3 cr.

A research/writing course experience is required in the major or another field; **COMS 284** Sophomore Seminar or another course approved by the department chair, will satisfy this requirement. A senior portfolio experience is required in the major or another field; **COMS 484**, Senior Portfolio Seminar or another course approved by the department chair, will satisfy this requirement.

# UNIVERSITY OF WISCONSIN River Falls

## Communicative Disorders Major

### Liberal Arts and Education: 38 Total Credits

#### Required Courses: 38 cr. hrs.

COMD 160 Introduction to Communicative Disorders 3 cr.

COMD 261 Language Development 4 cr.

COMD 262 Speech Systems 4 cr.

COMD 263 Phonetics 3 cr.

COMD 264 Speech Science 3 cr.

COMD 275 Practicum: Observation/Discussion 1 cr.

COMD 350 Articulatory and Phonological Disorders 3 cr.

COMD 360 Introduction to Audiology 3 cr.

COMD 362 Language Appraisal and Intervention 3 cr.

COMD 460 Voice Disorders 2 cr.

COMD 463 Behavior Modification/Stuttering 3 cr.

COMD 466 Aural Rehabilitation 3 cr.

COMD 479 Clinical Procedures and Experience 3 cr.

#### Electives:

COMD 162 Introduction to American Sign Language 3 cr.

### Professional Education Requirements: 11-14 cr. hrs.

TED 211 Educational Psychology: Elementary Education 5 cr.

TED 422 Content Area Literacy in Middle and Secondary Schools 3 cr.

or TED 461 The Psychology and Pedagogy of Literacy 3 cr.

TED 439 Techniques of Middle/Secondary Education: Communicative Disorders 3 cr.

SPED 330 The Exceptional Child 3 cr.

## Department of Communicative Disorders

B31 Walker Wyman  
Education  
715-425-3801  
[www.uwrf.edu/COMD/](http://www.uwrf.edu/COMD/)

Mike Harris—Chair, Gary Cottrell,  
Naomi Hashimoto, Sharyl Samargia,  
Satomi Shinde, Sarah Smits, Lori  
Swanson



# UNIVERSITY OF WISCONSIN River Falls

## Communicative Disorders Minor

### Communicative Disorders Minor

**Three different emphases 22 Total Credits**

**Required Courses: 4 cr. hrs.**

COMD 160 Introduction to Communicative Disorders 3 cr.

COMD 275 Practicum: Observation/Discussing 1 cr.

**1. Early Childhood Emphasis: 9 cr. hrs.**

**COMD Electives-Choose 3 courses from:**

COMD Electives-Choose 3 courses from:

COMD 261 Language Development 4 cr.

COMD 262 Speech Systems 4 cr.

COMD 263 Phonetics 3 cr.

COMD 350 Articulatory and Phonological Disorders 3 cr.

COMD 360 Introduction to Audiology 3 cr.

COMD 362 Language Appraisal and Intervention 3 cr.

COMD 466 Aural Rehabilitation 3 cr.

**Early Childhood Directed Electives: 9 cr. hrs.**

**Choose 3 courses from:**

CSTA 207 Listening Skills 3 cr.

ENGL 250 Literature for Children 3 cr.

ENGL 322 Acquisition of Language 3 cr.

PSYC 201 Behavioral Statistics 3 cr.

PSYC 236 Developmental Psychology: Childhood and Adolescence 3 cr.

PSYC 260 Behavior Modification 3 cr.

PSYC 305 Learning and Motivation 3 cr.

PSYC 310 Memory and Thinking 3 cr.

PSYC 315 Psychological Measurement and Evaluation 3 cr.

TED 225 Developmental Learning Experiences of Young Children 3 cr.

TED 255 Reading Guidance for Children 3 cr.

TED 330 Infant and Toddler Programs 3 cr.

**2. School Age Emphasis 9 cr. hrs.**

**COMD Electives-Choose 3 courses from:**

COMD 261 Language Development 4 cr.

COMD 262 Speech Systems 4 cr.

COMD 263 Phonetics 3 cr.

COMD 350 Articulatory and Phonological Disorders 3 cr.

Department of  
Communicative  
Disorders

B31 Walker Wyman  
Education  
715-425-3801  
[www.uwrf.edu/COMD/](http://www.uwrf.edu/COMD/)

Mike Harris—Chair, Gary Cottrell,  
Naomi Hashimoto, Sharyl Samargia,  
Satomi Shinde, Sarah Smits, Lori  
Swanson

- COMD 360 Introduction to Audiology 3 cr.
- COMD 362 Language Appraisal and Intervention 3 cr.
- COMD 460 Voice Disorders 3 cr.
- COMD 463 Behavior Modification/Stuttering 3 cr.
- COMD 466 Aural Rehabilitation 3 cr.

**School Age Directed Electives: 9 cr. hrs.**

**Choose 3 courses from:**

- COUN 410 Introduction to Counseling 3 cr.
- CSTA 207 Listening Skills 3 cr.
- CSTA 222 Voice and Articulation 3 cr.
- ENGL 250 Literature for Children 3 cr.
- ENGL 322 Acquisition of Language 3 cr.
- ENGL 373 Techniques in Tutoring: TESOL Practicum 3 cr.
- PSYC 201 Behavioral Statistics 3 cr.
- PSYC 236 Developmental Psychology: Childhood and Adolescence 3 cr.
- PSYC 260 Behavior Modification 3 cr.
- PSYC 305 Learning and Motivation 3 cr.
- SPED 420 Introduction to Learning Disabilities
- TED 255 Reading Guidance for Children 3 cr.
- TED 461 The Psychology and Pedagogy of Literacy 3 cr.

Directed electives that are applicable for Learning Disability certification are

COMD 261, SPED 420 and TED 461

**3. Adult Emphasis 9 cr. hrs.**

**COMD Electives-Choose 3 courses from:**

- COMD 262 Speech Systems 4 cr.
- COMD 263 Phonetics 3 cr.
- COMD 350 Articulatory and Phonological Disorders 3 cr.
- COMD 360 Introduction to Audiology 3 cr.
- COMD 460 Voice Disorders 3 cr.
- COMD 463 Behavior Modification/Stuttering 3 cr.

**Adult Directed Electives: 9 credits**

**Choose 3 courses from:**

- COUN 410 Introduction to Counseling 3 cr.
- CSTA 207 Listening Skills 3 cr.
- CSTA 222 Voice and Articulation 3 cr.
- CSTA 306 Nonverbal Communication 3 cr.
- ENGL 373 Techniques in Tutoring: TESOL Practicum 3 cr.
- PSYC 201 Behavioral Statistics 3 cr.
- PSYC 260 Behavior Modification 3 cr.
- PSYC 305 Learning and Motivation 3 cr.

**PSYC 310** Memory and Thinking 3 cr.

**PSYC 315** Psychological Measurement and Evaluation 3 cr.

**PSYC 336** Developmental Psychology: Adulthood and Aging 3 cr.

**SOCI 315** Sociology of Later Life 3 cr.

**SOCI 300** Research Methods (writing intensive) 3 cr.

or **SOWK 300** Research Methods

UNIVERSITY OF WISCONSIN **River Falls**

**Communicative Disorders, MS**

## Overview of Program

### Degree Requirements

Total credits to degree: 54

#### **Required Specialization Courses, 36 credits:**

**COMD 715** Research Methods in Communicative Disorders, 3 credits

**COMD 716** Anatomy and Physiology of the Central Nervous System, 2 credits

**COMD 717** Neuropathologies, 3 credits

**COMD 720** Voice and Resonance Disorders, 3 credits

**COMD 730** Audiology II, 3 credits

**COMD 737** Auditory Processing and Auditory Processing Disorder, 2 credits

**COMD 750** Dysphagia, 3 credits

**COMD 762** Developmental Language Disorders, 3 credits

**COMD 764** Augmentative/Alternative Communication Systems, 3 credits

**COMD 765** Aphasia, 3 credits

**COMD 767** Communicative Replacements for Challenging Behaviors, 2 credits

**COMD 770** Case Discussions (Treatment), 2 credits

**COMD 772** Audiology Practicum, 2 credits

**COMD 787** Counseling and Multicultural Issues in Communicative Disorders, 2 credits

#### **Elective Courses, 0-8 credits**

**COMD 798** Independent Research, 1-4 credits

**COMD 799** Thesis, 1-4 credits

#### **Required Clinical Experience, 18 credits:**

**COMD 579** Clinical Experience Internship, 6 credits

**COMD 773** Practicum in the School, 0 or 6 credits

**COMD 774** Practicum in Rehabilitation Facilities, 6 or 12 credits

Students must choose one of the following plan options.

#### **Plan A**

A minimum of 54 semester credits of graduate work including a master's thesis, for which a student may receive up to four graduate credits for research in area of specialization. Final oral exam.

#### **Plan B**

A minimum of 54 semester credits of graduate work including a paper/project approved by the program director. Final oral exam.

**Plan C**

A minimum of 54 semester credits of graduate work. A written comprehensive exam and final oral exam.

# UNIVERSITY OF WISCONSIN River Falls

## Communicative Disorders, MSE

### Overview of Program

### Degree Requirements

This degree is for individuals interested in pursuing certification as speech language pathologists in schools (assumes that teacher education coursework was accomplished at the undergraduate level).

Total credits to degree: 57-58

#### **Professional Education Core**, 3-4 graduate credits:

Select one course from:

**TED 740** Historical/Philosophical/Multicultural Foundations of American Education, 4 credits

**TED 750** Advanced Education Psychology, 3 credits

**TED 755** Social Issues in Education, 3 credits

#### **Required Specialization Courses**, 36 credits:

**COMD 715** Research Methods in Communicative Disorders, 3 credits

**COMD 716** Anatomy and Physiology of the Central Nervous System, 2 credits

**COMD 717** Neuropathologies, 3 credits

**COMD 720** Voice and Resonance Disorders, 3 credits

**COMD 730** Audiology II, 3 credits

**COMD 737** Auditory Processing and Auditory Processing Disorder, 2 credits

**COMD 750** Dysphagia, 3 credits

**COMD 762** Developmental Language Disorders, 3 credits

**COMD 764** Augmentative/Alternative Communication Systems, 3 credits

**COMD 765** Aphasia, 3 credits

**COMD 767** Communicative Replacements for Challenging Behaviors, 2 credits

**COMD 770** Case Discussions (Treatment), 2 credits

**COMD 772** Audiology Practicum, 2 credits

**COMD 787** Counseling and Multicultural Issues in Communicative Disorders, 2 credits

#### **Elective Courses, 0-8 credits**

**COMD 798** Independent Research, 1-4 credits

**COMD 799** Thesis, 1-4 credits

**Required Clinical Experience**, 18 credits:

**COMD 579** Clinical Experience Internship, 6 credits

**COMD 773** Practicum in the School, 0 or 6 credits

**COMD 774** Practicum in Rehabilitation Facilities, 6 or 12 credits

Students must choose one of the following plan options.

**Plan A**

A minimum of 57-58 semester credits of graduate work including a master's thesis, for which a students may receive up to four graduate credits for research in area of specialization. Final oral exam.

**Plan B**

A minimum of 57-58 semester credits of graduate work including a paper/project approved by the program director. Final oral exam.

**Plan C**

A minimum of 57-58 semester credits of graduate work. A written comprehensive exam and final oral exam.



# UNIVERSITY OF WISCONSIN River Falls

## Community Planning Major

### Community Planning Core 41-43 cr. hrs.

ESM 151 Introduction to Land Use Theory and Practice 3 cr.

ESM 220 Environmental Sustainability: Theory/Issues and Mgt 3 cr.

ESM 251 Community Decision-Making 3 cr.

ESM 270 Internship 1 2-4cr.

ESM 293 Community Analysis 3 cr.

ESM 303 Environmental Policies and Administration 3 cr.

ESM 305 Environmental Impact Assessment 2cr.

ESM 351 Planning for Sustainable Communities 3 cr.

ESM 333 Remote Sensing of Natural Resources 3 cr.

Or ESM 363 GIS Applications in Resource Management 3 cr.

Or GENG 265 Engineering Graphics 3 cr.

ESM 360 Hydrology and Water Quality 4 cr.

ESM 393 Comprehensive Planning 3 cr.

ESM 411 Site Planning and Development 4 cr.

ESM 435 Advanced Land Use Planning and Design 4 cr.

ESM 485 Seminar: Resource Management 1 cr.

### Support Courses 15 cr. hrs.

GEOG 250 Intro to Cartography and GIS 3 cr.

SOIL 120 Introduction to Soil Science 3 cr.

GEOG 360 GIS: Theory and Methods 3 cr.

AGEC 445/ESM 445 Land Use and Sustainable Agriculture Law 3 cr.

ENGL 266 Business Writing 3 cr.

Or ENGL 367 Technical Writing 3 cr.

### Directed Electives: 24 cr. hrs.

AFES 492;

AGEC 230, AGECE 231, AGECE 250, AGECE 320, AGECE 345, AGECE 355,  
AGECE 440, AGECE 441, AGECE 450;

AGED 202;

AGEN 150, AGEN 240, AGEN 325, AGEN 333, AGEN 365, AGEN 425,  
AGEN 443;

ANTH 100, ANTH 205, ANTH 247, ANTH 348;

BIOL 310, BIOL 314, BIOL 320, BIOL 323, BIOL 330, BIOL 333, BIOL 344,  
BIOL 350, BIOL 354, BIOL 355, BIOL 360, BIOL 434, BIOL 444;

### General Education Requirements

As listed for CAFES with the following exceptions:

Ethical Citizenship: ESM 105

Sciences: BIOL 150; CHEM 121

### Community Planning Minor

### Department of Plant and Earth Science

324 Agricultural Science  
715-425-3345  
[www.uwrf.edu/PES/](http://www.uwrf.edu/PES/)

Donavon Taylor-Chair, William Anderson, Jarod Blades, Jill Coleman Wasik, Holly Dolliver, Terry Ferriss, Allison Gale, Veronica Justen, Kerry Keen, Eric Sanden, Brian Smith, Pamela Weller, Ian Williams, David Zlesak

The community planning major is designed for those students wishing to pursue a career in public or private planning, zoning, administration/management and sustainable development. The curriculum provides instruction in foundational planning principles and practices, as well as hands-on technical training. The course content focuses on planning issues at the rural/urban interface. It is an excellent major to combine with a wide variety of minors (e.g., cartography/GIS, business administration, political

COMS 222, COMS 306, COMS 316, COMS 318, COMS 440;  
ECON All;  
ESM 109, ESM 333, ESM 343, ESM 363, ESM 377, ESM 412;  
FINC 335, FINC 350;  
GENG 121, GENG 201, GENG 235, GENG 236, GENG 265, GENG 368;  
GEOG All except GEOG 250, GEOG 360;  
GEOL 101, GEOL 269, GEOL 445, GEOL 446;  
HEAL 350;  
HIST All;  
HORT All;  
INTS 200, INTS 377;  
MATH 326, MATH 356, MATH 357;  
MNGT 150, MNGT 250, MNGT 310, MNGT 355;  
MODL 377;  
PHIL 303, PHIL 304;  
POLS All;  
SOCI All;  
SOIL All except 120;  
SOWK 150, SOWK 205, SOWK 215, SOWK 260, SOWK 300  
**General Electives: 6-8 cr. hrs.**

science, etc.) to develop a unique professional niche.

# UNIVERSITY OF WISCONSIN River Falls

## Community Planning Minor

### Community Planning Minor 23 cr. hrs.

**ESM 151** Introduction to Land Use Theory and Practice 3 cr.

**ESM 251** Community Decision-Making 3 cr.

**ESM 293** Community Analysis 3 cr.

**ESM 303** Environmental Policies and Administration 3 cr.

**ESM 411** Site Planning and Development 4 cr.

**ESM 435** Advanced Land Use Planning and Design 4 cr.

**AGEC 445/ESM 445** Land Use and Sustainable Agriculture Law 3 cr.

### Department of Plant and Earth Science

**324 Agricultural Science**  
**715-425-3345**  
[www.uwrf.edu/PES/](http://www.uwrf.edu/PES/)

Donavon Taylor-Chair, William  
Anderson, Jarod Blades, Jill Coleman  
Wasik, Holly Dolliver, Terry Ferriss,  
Allison Gale, Veronica Justen, Kerry  
Keen, Eric Sanden, Brian Smith,  
Pamela Weller, Ian Williams, David  
Zlesak

UNIVERSITY OF WISCONSIN **River Falls****Computer Science and Information Systems Major**

Computer Science

Information Systems

**Computer Science Option: 56-57 Total Credits**

This option has a technical and theoretical emphasis providing students with a comprehensive understanding of software engineering, computing techniques and the underlying theories. Graduates will develop skills relevant to the analysis, design and implementation of sophisticated software/hardware systems and communication networks.

**Required Courses: 39 cr. hrs.**

**CSIS 161** Programming I 3 cr.

**CSIS 162** Programming II 3 cr.

**CSIS 225** Web Development I 3 cr.

**CSIS 235** Object-Oriented Programming 3 cr.

**CSIS 237** Data Structure and Algorithm 3 cr.

**CSIS 247** Introduction to Computer Networks 3 cr.

**CSIS 248** Operating Systems Programming 3 cr.

**CSIS 333** Database Management Systems 3 cr.

**CSIS 343** Software Engineering and Capstone Project 3 cr.

**CSIS 355** Computer Organization and Assembly Language 3 cr.

**CSIS 429** Operating Systems 3 cr.

**CSIS 435** Computer and Information Security 3 cr.

**CSIS 484** Senior Capstone Seminar 3 cr.

or **CSIS 379** Internship in Computer Science 3 cr.

**Directed Electives 9 cr. hrs.**

To be selected from 200-400 level CSIS-CS courses, excluding **CSIS 215**. In consultation with advisor, student may take up to three (3) credits from **CSIS 423**, **CSIS 440**, **MATH 346**, **MATH 347**, or **GEOG 250**.

**Required supporting math courses: 8-9 cr. hrs.**

**MATH 156** Calculus for Business and Social Science 3 cr.

or **MATH 166** Calculus I 4 cr.

**MATH 236** Discrete Mathematics 4 cr.

**Department of  
Computer Science  
and Information  
Systems**

124 South Hall

715-425-3335

[www.uwrf.edu/CBE/](http://www.uwrf.edu/CBE/)

Hossein Najafi - Chair, Ahmad Abuhejleh, Charles Hurt, Arpan Jani, Anthony Varghese, Ellen Schultz- Senior Academic Advisor.

The vision of the College of Business and Economics is to be a community of choice and the regional leader in the acquisition, study, application and sharing of business, economics and information technology knowledge. Consistent with this vision, the college is accredited by the Association to Advance Collegiate Schools of Business (AACSB) International.

**Admission  
Requirements**

For all majors in the College of Business and Economics (CBE): Completion of at least 27 required general education credits with a minimum GPA of 2.25.

Additionally, the following must be completed, or in progress for completion, during the semester preceding admission. Students may register prior to acceptance, but acceptance is required for attendance

**CBE 100** Orientation to CBE 0.5 cr.

**CBE 300** Professional Development 0.5 cr.

## Information Systems Option: 55-56 Total Credits

The analysis and design of information systems with an emphasis on managing, storing, transmitting and providing ready access to information is the key to the IS option. Graduates will develop skills relevant to the analysis, design and implementation of sophisticated information systems.

### Required Courses: 30 cr. hrs.

**CSIS 161** Programming I 3 cr.

**CSIS 162** Programming II 3 cr.

**CSIS 215** Information Systems for Business Management 3 cr.

**CSIS 235** Object-Oriented Programming 3 cr.

**CSIS 247** Introduction to Computer Networks 3 cr.

**CSIS 333** Database Management Systems 3 cr.

**CSIS 423** Introduction to System Analysis I 3 cr.

**CSIS 433** Design Analysis MIS 3 cr.

**CSIS 440** Information Systems Project Management 3 cr.

**CSIS 484** Senior Capstone Seminar 3cr

or **CSIS 379** Internship in Computer Science 3 cr.

### Directed Electives: 6 cr. hrs.

Two (2) courses to be selected from the following:

**CSIS 225** Web Development I

**ECON 326** Statistical Methods for Economics and Business 3 cr.

**MNGT 318** Operations Research 3 cr.

**MNGT 340** Ethical Leadership 3 cr.

**MNGT 350** Decision Making 3 cr.

**GEOG 250** Introduction to GISci 3 cr.

Other 300-400 CSIS level courses in consultation with advisor

### Required supporting courses: 19-20 cr. hrs.

- **Business Domain: 12 cr. hrs.**

**COMS 116** Business and Professional Communication 3 cr.

or **ENGL 266** Business Writing 3 cr.

in CBE upper-level courses. Students with Lower Division GPAs between 2.25 and 2.50 may petition to the Assistant Dean for consideration on a case-by-case basis.

For admission to the CSIS-Computer Science major:

GPA of 2.50 in CSIS 161, 162, 235 and CBE 100.

For admission to the

CSIS-Information Systems major:

GPA of 2.50 in CSIS 161, 162, 215 and CBE 100.

**MNGT 300** Management and Organizational Behavior 3 cr.

**MNGT 365** Business Process Management 3 cr.

One (1) course from:

**MNGT 320** Human Resource Management 3 cr.

or **ACCT 231** Principles of Accounting I 3 cr.

or **MNGT 361** Operations Management 3 cr.

or **MKTG 310** Principles of Marketing 3 cr.

• **Math: 6-7 cr. hrs.**

**MATH 156** Calculus for Business and Social Sciences 3 cr.

or **MATH 166** Calculus I 4 cr.

**ECON 226** Introduction to Statistics 3 cr.

or **MATH 226** Fundamentals of Statistics 3 cr.

• **CBE required courses for all majors: 1 cr. hr.**

**CBE 100** Orientation to CBE 0.5 cr.

**CBE 300** Professional Development 0.5 cr.

# UNIVERSITY OF WISCONSIN River Falls

## Computer Science and Information Systems Minor

Computer Science

Information Systems

### Computer Science Option: 31-32 Total Credits

**Required Courses: 18 cr. hrs.**

**CSIS 161** Programming I 3 cr.

**CSIS 162** Programming II 3 cr.

**CSIS 225** Web Development I 3 cr.

**CSIS 235** Object-Oriented Programming 3 cr.

**CSIS 247** Introduction to Computer Networks 3 cr.

**CSIS 333** Database Management Systems 3 cr.

**Directed Electives 6 cr. hrs.**

Directed electives 6 cr. hrs. In consultation with advisor, six (6) credits to be selected from 200-400 level CSIS courses, excluding **CSIS 215**.

Student may take up to three (3) credits from **CSIS 423**, **CSIS 440**, **MATH 346**, **MATH 347**, or **GEOG 250** with advisor consultation.

**Required supporting math courses: 7-8 cr. hrs.**

**MATH 156** Calculus for Business and Social Science 3 cr.

or **MATH 166** Calculus I 4 cr.

**MATH 236** Discrete Mathematics 4 cr.

### Department of Computer Science and Information Systems

124 South Hall

715-425-3335

[www.uwrf.edu/CBE/](http://www.uwrf.edu/CBE/)

Hossein Najafi - Chair, Ahmad

Abuhejleh, Charles Hurt, Arpan Jani,

Anthony Varghese, Ellen Schultz-

Senior Academic Advisor.

The vision of the College of Business and Economics is to be a community of choice and the regional leader in the acquisition, study, application and sharing of business, economics and information technology knowledge.

Consistent with this vision, the college is accredited by the Association to Advance Collegiate Schools of Business (AACSB) International.

### Information Systems Option: 24 Total Credits

**Required Courses: 28 cr. hrs.**

**CSIS 161** Programming I 3 cr.

**CSIS 162** Programming II 3 cr.

**CSIS 215** Information Systems for Business Management 3 cr.

**CSIS 247** Introduction to Computer Networks 3 cr.

**CSIS 333** Database Management Systems 3 cr.

**CSIS 423** Introduction to System Analysis I 3 cr.

**Directed Electives: 6 cr. hrs.**

One (1) course to be selected from the following:

**CSIS 225** Web Development I 3 cr.

**CSIS 235** Object-Oriented Programming 3 cr.

**CSIS 433** Design Analysis MIS 3 cr.

**CSIS 440** Information Systems Project Management 3 cr.

Other 300-400 level CSIS course in consultation with advisor.

One (1) course to be selected from the following:

**ECON 326** Statistical Methods for Economics and Business 3 cr.

**MNGT 318** Operations Research 3 cr.

**MNGT 340** Ethical Leadership 3 cr.

**MNGT 350** Decision Making 3 cr.

**MNGT 365** Business Process Management 3 cr.

**Required supporting math courses: 6-7 cr. hrs.**

**MATH 156** Calculus for Business and Social Sciences 3 cr.

or **MATH 166** Calculus I 4 cr.

**ECON 226** Introduction to Statistics 3 cr.

or **MATH 226** Fundamentals of Statistics 3 cr.



# UNIVERSITY OF WISCONSIN **River Falls**

## Computer Science Bachelor of Applied Science

### Program Overview

Bachelor of Applied Science: 120 credits of which 60 credit hours must be at UW-River Falls

General Education/University Electives: 29-30 credit hours

### Degree Requirements

(30 Credit hours)

CSIS 161 Programming I, 3 cr.

CSIS 162 Programming II, 3 cr.

CSIS 215 Information Systems for Business Management, 3 cr.

CSIS 225 Web Development I, 3 cr.

CSIS 247 Introduction to Computer Networks, 3 cr.

CSIS 333 Database Management Systems, 3 cr.

### Directed Electives, 9 cr.

To be selected from 200-400 CSIS courses in consultation with advisor.

### Required Supporting Math Course

MATH 146 College Algebra, 3 cr.

### Department of Computer Science and Information Systems

124 South Hall  
715-425-3335  
[www.uwrf.edu/CBE/](http://www.uwrf.edu/CBE/)

Hossein Najafi - Chair, Ahmad  
Abuhejleh, Charles Hurt, Arpan Jani,  
Anthony Varghese, Ellen Schultz-  
Academic advisor.

### Contact:

Pam Bowen

E-mail or 715-425-0633

# UNIVERSITY OF WISCONSIN River Falls

## Conservation Major

Conservation Core

Supporting Courses

Electives

### Conservation Core 47-49 cr. hrs.

**ESM 109** Introduction to Forestry 2 cr.  
**ESM 151** Introduction to Land Use Theory and Practice 3 cr.  
**ESM 220** Environmental Sustainability: Theory, Issues, and Management 3 cr.  
**ESM 270** Internship I 2-4 cr.  
**ESM 303** Environmental Policies and Administration 3 cr.  
**ESM 333** Remote Sensing of Natural Resources 3 cr.  
**ESM 343** Woodlot Management 3 cr.  
**ESM 360** Applied Hydrology and Water Quality 4 cr.  
**ESM 363** GIS Application in Resource Management 3 cr.  
**ESM 485** Seminar in Resource Management 1 cr.  
**SOIL 120** Introduction to Soil Science 3 cr.  
**SOIL 440** Soil and Water Conservation 4 cr.  
**AGEC 450** Introduction to Natural Resource Economics 3 cr.  
**BIOL 344** Wildlife Biology 4 cr.  
**BIOL 360** Ecology 3 cr.  
**BIOL 210** General Botany 3 cr.  
 or **BIOL 230** General Zoology

### Required Supporting Courses 14 cr. hrs.

**GEOG 250** Introduction to Cartography and GIS 3 cr.  
**ENGL 266** Business Writing  
 or **ENGL 367** Technical Writing 3 cr.  
**AGEC 230** Agriculture Economics I 3 cr.  
 or **ECON 201** Principles of Microeconomics  
**CHEM 120** Introduction to General Chemistry 6 cr.  
 or **CHEM 121** General Chemistry 1 5cr.

### Directed Electives: 11-13 cr. hrs.

**ACCT 201, ACCT 231, ACCT 232; AGEC 320, AGEC 345; AGED 202;**  
**AGEN 325, AGEN 333, AGEN 365; CROP 345, CROP 462; ANSC**

## General Education Requirements

As listed for CAFES with the following exceptions:

Ethical Citizenship: **ESM 105** required  
 Sciences: **GEOL 101** and **BIOL 150** required.

## Department of Plant and Earth Science

**324 Agricultural Science**  
**715-425-3345**  
[www.uwrf.edu/PES/](http://www.uwrf.edu/PES/)

Donavon Taylor-Chair, William Anderson, Jarod Blades, Jill Coleman Wasik, Holly Dolliver, Terry Ferriss, Allison Gale, Veronica Justen, Kerry Keen, Eric Sanden, Brian Smith, Pamela Weller, Ian Williams, David Zlesak

The Conservation major is designed to meet the academic needs of students interested in a career dealing with the management of our natural environment. The major has the flexibility to accommodate interests in general natural resource management, soil and water conservation, environmental education, forest or wildlife management, environmental regulations or law enforcement, and the like, depending on the students course selection of directed and general electives.

231, ANSC 257, ANSC 260; BIOL 240, BIOL 310, BIOL 320, BIOL 324, BIOL 330, BIOL 333, BIOL 350, BIOL 354, BIOL 355, BIOL 434, BIOL 444; BLAW 265; CHEM 122, CHEM 200, CHEM 230, CHEM 251, CHEM 256, CHEM 356, CHEM 452; CJ 202, CJ 320, CJ 322, CJ 376, CJ 430; ECON 202, ECON 205; ESM 289, ESM 300, ESM 305, ESM 307, ESM 365, ESM 370, ESM 377, ESM 411, ESM 413, ESM 435, ESM 490; FINC 210, FINC 345; GENG 235; GEOG 255, GEOG 360, GEOG 368, GEOG 450, GEOG 460; GEOL 202, GEOL 269, GEOL 327, GEOL 330, GEOL 417, GEOL 445; HORT 250, HORT 452; INTS 200; JOUR 260, JOUR 265; MATH 147, MATH 166; MKTG 310; MNGT 300, MNGT 430; PE D 201, PE D 202, PE D 301, PE D 371; PHIL 303; POLS 355; PSYC 201; SOCI 245; SOIL 311, SOIL 325, SOIL 350, SOIL 460; ECON 226, MATH 226 or ANSC 341

**General Electives: 6 cr. hrs.**

# UNIVERSITY OF WISCONSIN River Falls

## Conservation Minor

### Conservation Minor 22 cr. hrs.

**ESM 105** Introduction to Environmental Studies 2 cr.

**ESM 109** Introduction to Forestry 2 cr.

**ESM 151** Introduction to Land Use Theory and Practice 3 cr.

**ESM 343** Woodlot Management 3 cr.

**ESM 360** Applied Hydrology and Water Quality 4 cr.

**SOIL 120** Introduction to Soil Science 3 cr.

**SOIL 440** Soil and Water Conservation 4 cr.

## Department of Plant and Earth Science

324 Agricultural Science  
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Wasik, Holly Dolliver, Terry Ferriss,  
Allison Gale, Veronica Justen, Kerry  
Keen, Eric Sanden, Brian Smith,  
Pamela Weller, Ian Williams, David  
Zlesak

# UNIVERSITY OF WISCONSIN River Falls

## Counseling, MSE

### Overview of Program

### Program Curriculum

The Counseling Program meets state standards for certification. It also adheres to the profession's accepted and established practices for training school counselors. Visit the Counseling and School Psychology Department [web page](#) for more

### Required Courses, 48 credits

#### Core courses, 27 cr.

**COUN 610** Introduction to School Counseling, 3 cr.

**COUN 612** Lifespan Human Development, 3 cr.

**COUN 614** Practicum, 3 cr.

**COUN 615** Cultural & Ethical Foundations of Counseling, 3 cr.

**COUN 620** Career Counseling, 3 cr.

**SPSY 622** Introduction to Appraisal & Intervention, 3 cr.

**COUN 732** Group Counseling, 3 cr.

**COUN 753** Counseling Theory and Skills, 3 cr.

**COUN 770** K-12 Curriculum for School Counselors, 3 cr.

#### Required classes, 15 cr.

**TED 750** Advanced Educational Psychology, 3 cr.

**TED 760** Methods in Research

or **SPSY 795** Directed Research - Data Analysis, 3 cr.

**COUN 771** Internship: Elementary School Counseling, 3 cr.

**COUN 772** Internship: Middle School Counseling, 3 cr.

**COUN 773** Internship: High School Counseling, 3 cr.

Before finalizing Internship plans, the student must pass a written examination based upon the content of all of the core course.

#### Directed elective courses, 6 cr.

To be selected in consultation with an advisor

Students will also present a portfolio indicating knowledge and application of [Wisconsin Department of Public Instruction](#) Standards for Professional School Counselors. Completion of the internship and of the master's program is dependent upon approval of the portfolio by the program faculty and the practicum supervisors in the field.

# UNIVERSITY OF WISCONSIN River Falls

## Creative Writing Minor

### Creative Writing Minor: 24 credits

#### Required Courses 12 credits

\*ENGL 251 Advanced Composition

\*ENGL 253 Introduction to Literary Studies

ENGL 262 Creative Writing

ENGL 482 Writing Seminar in Fiction and Poetry

\*English majors may NOT double count ENGL 251 and ENGL 253 but must take additional appropriate courses.

#### Select one of the following to replace ENGL 253

ENGL 361 Composition Theory

ENGL 370 Writing Nonfiction

ENGL 372 Writing Practicum

JOUR 269 Feature Writing

JOUR 360 Opinion Writing

MARC 361 Advertising Methods

THEA 334 Playwriting

#### Select one of the following to replace ENGL 253

ENGL 230 International Short Fiction (g)

ENGL 231 The Short Story

ENGL 232 Contemporary Drama

ENGL 233 Introduction to Poetry

ENGL 234 Modern Novels

ENGL 250 Literature for Children

ENGL 355 Literature-Based Reading Methods for Adolescents 3 cr.

#### Directed Electives 12 credits

##### Select two courses from the following

ENGL 368 Writing Poetry

ENGL 370 Writing Nonfiction

ENGL 369 Writing Fiction

ENGL 382 Writing Workshop Poetry & Prose

##### Select one genre course

ENGL 230 International Short Fiction (g)

## Department of English

245 Kleinpell Fine Arts

715-425-3537

[www.uwrf.edu/ENGL/](http://www.uwrf.edu/ENGL/)

Marshall Toman-Chair, Jennifer Brantley, David Furniss, Greta Gaard, Kathleen Hunzer, Annette Klemp, Steven Luebke, Mialisa Moline, Michelle Parkinson, Vladimir Pavlov, Kenneth Price, Joseph Rein, Catherine Ross-Stroud, Elizabeth Schneider-Rebozo, Douglas Margolis

The Creative Writing minor is a preparation for writing for personal pleasure as well as for publication. This minor can be taken in combination with an English major; however, students should consult this handbook to plan substitutions for overlapping requirements. Students who choose the Creative Writing minor should plan their programs with Dr. Jennifer Brantley.

ENGL 231 The Short Story

ENGL 234 Modern Novels

ENGL 232 Contemporary Drama

ENGL 250 Literature for Children

ENGL 233 Introduction to Poetry

ENGL 355 Literature for Adolescents

**Select one course from the following**

ART 235 Introduction to Black & White Photography

ART 335 Studio: Photography

DFT 151 Broadcast Performance I

DFT 351 Broadcast Performance II

JOUR 240 Introduction to Visual Communication

JOUR 266 Photojournalism

JOUR 269 Feature Writing for Magazines and Newspapers

JOUR 360 Opinion Writing

THEA 223 Oral Interpretation of Literature

THEA 334 Playwriting

# UNIVERSITY OF WISCONSIN River Falls

## Criminal Justice Minor

### Criminal Justice Minor with Sociology Major

**Minor in Criminal Justice-Sociology Major: 24 Total Credits**

**Required Courses: 12 cr. hrs.**

**SOCI 100** Introduction to Sociology

(counts 3 cr. hrs. in Gen. Ed.)

or **ANTH 100** Cultural Anthropology

(counts 3 cr. hrs. in Gen. Ed.)

**CJ 202** Introduction to Criminal Justice 3 cr.

**CJ 320** Juvenile Delinquency 3 cr.

**CJ 322** Criminology 3 cr.

**CJ 430** Trends and Issues in Incarceration 3 cr.

or **CJ 435** Alternatives to Incarceration

**Directed Electives: 12 cr. hrs.**

**CJ 376** Criminal Justice Certification Internship 6 cr.

or **CJ 379** Internship in Criminal Justice 6-12 cr.

**Choose 6 credits from the following courses:**

In no case may a course be double counted for credit in both the CJ minor and Sociology major.

**SOCI 218** Deviant Behavior 3 cr.

**CJ 310** Gangs in the U.S. 3 cr.

**CJ 360** White Collar Crime 3 cr.

**SOCI 321** Power and Inequality 3 cr.

**POLS 225** Public Administration 3 cr.

**POLS 253** State and Local Politics 3 cr.

**POLS 354** Women and the Law 3 cr.

**POLS 416** Constitutional Law 3 cr.

### Criminal Justice Minor with Non-Sociology Major

**Minor in Criminal Justice-Non-Sociology Major: 24 Total Credits**

**Required Courses: 18 cr. hrs.**

**SOCI 100** Introduction to Sociology

(counts 3 cr. in Gen. Ed.)

or **ANTH 100** Introduction to Anthropology

(counts 3 cr. in Gen. Ed.)

**SOCI 200** Sociological Inquiry 3 cr.

Department of  
Sociology,  
Anthropology, and  
Criminal Justice

333 Kleinpell Fine Arts  
715-425-3992  
[www.uwrf.edu/SOCI/](http://www.uwrf.edu/SOCI/)

Rich Wallace-Chair, Erika Busse,  
Tricia Davis, B. Paige Miller, Edward  
Robins, Forrest Rodgers, Katie  
Schubert



**CJ 202** Introduction to Criminal Justice 3 cr.

**CJ 320** Juvenile Delinquency 3 cr.

**CJ 322** Criminology 3 cr.

**CJ 430** Trends and Issues in Incarceration 3 cr.

or **CJ 435** Alternatives to Incarceration

**SOCI 445** Power and Inequality 3 cr.

**Directed Electives: 6 cr. hrs.**

**SOCI 208** Sociology of Diversity 3 cr.

**SOCI 225** Sociology of Race and Ethnicity 3 cr.

or **ANTH 225** Sociology of Race and Ethnicity

**SOCI 218** Deviant Behavior 3 cr.

**SOCI 240** Social Problems 3 cr.

**CJ 310** Gangs in the U.S. 3 cr.

**SOCI 330** Social Organizations 3 cr.

**CJ 376** Criminal Justice Certification Internship 6 cr.

**CJ 379** Criminal Justice Internship 6-12 cr.

**SOCI 410** Social Psychology 3 cr.

# UNIVERSITY OF WISCONSIN River Falls

## Crop Science Minor

### Minor Requirements 24 Total Credits

#### Required Courses: 18 cr. hrs.

**CROP 161** Introduction to Plant Science 3 cr.

**CROP 260** Plant and Seed Identification 2 cr.

**CROP 263** Forage Crop Production 3 cr.

**CROP 266** Corn and Soybean Production (writing intensive) 3 cr.

**SOIL 120** Introduction to Soil Science 3 cr.

**SOIL 311** Soil Fertility 4 cr.

#### Directed Electives 4 cr. hrs

(consult with crop science faculty for courses)

## Department of Plant and Earth Science

324 Agricultural Science  
715-425-3345  
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Keen, Eric Sanden, Brian Smith,  
Pamela Weller, Ian Williams, David  
Zlesak

# UNIVERSITY OF WISCONSIN River Falls

## Crops and Soils Major

### Foundation Courses in Agriculture 12 cr. hrs.

**PLSC 161** Introduction to Plant Science 3 cr.

**SOIL 120** Introduction to Soil Science 3 cr.

**AGEC 230** Agricultural Economics I 3 cr.

### Select one from:

**AGEN 150** Agricultural & Environmental Engineering Technology 3 cr.

**ANSC 111** Introduction to Animal Science 3 cr.

**FDSC 110** The Science of Food 3 cr.

### Major Requirements 54-64 Total Credits

#### Required Courses: 16 cr. hrs.

**CROP 263** Forage Crop Production 3 cr.

**CROP 266** Crop and Soybean Production 3 cr.

**CROP 285** Communication Seminar in Crops and Soils 1 cr.

**SOIL 311** Soil Fertility 4 cr.

**SOIL 440** Soil and Water Conservation 4 cr.

**CROP 485** Seminar in Agronomy 1 cr.

### Options (choose one):

Crop Science

Soil Science

Sustainable Agriculture

### Crop Science Option 48 cr. hrs.

**CROP 257** Genetics 3 cr.

**CROP 260** Plant and Seed Identification 3 cr.

**CROP 345** Weed Control 3 cr.

**CROP 410** Plant Breeding and Crop Improvement 3 cr.

**CROP 435** Crop Physiology 4 cr.

**CROP 451** Integrated Pest Management 3 cr.

**ANSC 341** Biometrics 3 cr.

**AGBI 251** Agricultural Biochemistry 3 cr.

**AGBI 252** Agricultural Biochemistry Laboratory Techniques 1 cr.

**BIOL 314** Plant Pathology 3 cr.

**BIOL 333** Entomology 3 cr.

**CHEM 230** General Organic Chemistry 3 cr.

### Select one course from the following:

**AGEC 355** Agricultural Marketing and Production 3 cr.

## General Education Requirements

The following general education courses are required in the major:

**MATH 146** or equivalent, **CHEM 121**, **ENGL 100**, **ENGL 200**, **BIOL 150**, **PED 108**, as well as the student's choice of **COMS 101** or **COMS 116**.

## University Requirements

Students must complete a three-credit course related to American Cultural Diversity (the University D requirement), as well as a three-credit course related to Global Perspectives (the University G requirement).

## Department of Plant and Earth Science

324 Agricultural Science  
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Three options exist for students who select the Crop and Soil Science major: 1) Crop Science, 2) Soil Science, and 3) Sustainable Agriculture. The Crop Science option

**AGEC 360** Farm Management 3 cr.

**AGEC 365** Agricultural Finance 3 cr.

**AGEC 410** Professional Selling 3 cr.

**Directed Electives 10 cr. hrs.**

(consult with crop science faculty for courses)

## Soil Science Option 38-42 cr. hrs.

**SOIL 250** Soil Profile Descriptions 2 cr.

**SOIL 325** Hydric Soils and Wetland Environments 3 cr.

**SOIL 350** Soil Development 2 cr.

**SOIL 460** Soil Physics 3 cr.

**CHEM 230** General Organic Chemistry 3 cr.

**GEOL 101** Introductory Geology 3 cr.

**GEOL 102** Introductory Geology Lab 1 cr.

**GEOL 327** Geomorphology and Glacial Geology 4 cr.

**ESM 360** Applied Hydrology and Water Quality 4 cr.

**Select two courses from the following:**

**CROP 267** Small Grain and Miscellaneous Crop Production 3 cr.

**CROP 345** Weed Control 3 cr.

**CROP 363** Pasture Management 2 cr.

**CROP 368** Sustainable Agriculture 3 cr.

**CROP 435** Crop Physiology 4 cr.

**CROP 451** Integrated Pest Management 3 cr.

**ESM 305** Environmental Impact Assessment 2 cr.

**ESM 412** Fate and Transport of Chemicals in the Environment 3 cr.

**ESM 413** Environmental Analysis 4 cr.

**GEOL 417** Hazardous Waste Operation & Emergency Response 2 cr.

**GEOL 445** Hydrogeology 4 cr.

**Select two courses from the following:**

**AGEN 363** Precision Agriculture Technology 3 cr.

**ANSC 341** Biometrics 3 cr.

**ESM 333** Remote Sensing of Natural Resources 3 cr.

**ESM 363** GIS Applications in Resource Management 3 cr.

**GENG 235** Surveying 3 cr.

**GENG 236** Advanced Surveying 3 cr.

**GEOG 250** Intro Cartography and GIS 3 cr.

is designed for students who wish to focus their studies on plants and the use of plants for food, feed and fiber. Students learn about crop management, biotechnology, crop physiology, crop quality, as well as genetics and plant breeding. The Soil Science option is designed for those whose interests include the basic components and properties of soils, soil conservation, soil fertility, soil hydrology, and the management of soils to produce crops in a sustainable way. The Sustainable Agriculture option is the study of economically viable production systems that promote land productivity, energy efficiency, environmental stewardship, and rural community viability.

**GEOG 360** GIS: Theory and Methods 3 cr.

**Select one course from the following:**

**ENGL 266** Business Writing 3 cr.

**ENGL 367** Technical Writing 3 cr.

## Sustainable Agriculture Option 38-41 cr. hrs.

**ESM 105** Introduction to Environmental Studies 3 cr.

**SOCI 332** Environmental Sociology 3 cr.

**AGEC 250** World Food and Population 3 cr.

**CROP 368** Sustainable Agriculture 3 cr.

**ESM 220** Environmental Sustainability 3 cr.

**CROP 468** Organic Food Production Systems 3 cr.

**CROP 451** Integrated Pest Management 3 cr.

**Select two courses of the following:**

**AGEN 325** Alternative Energy Systems 3 cr.

**HORT 169** Introduction to Horticulture 3 cr.

**HORT 327** Vegetable Science and Production 4 cr.

**HORT 347** Fruit Science and Production 4 cr.

**CROP 260** Plant and Seed Identification 3 cr.

**CROP 363** Pasture Management 2 cr.

**CROP 345** Weed Control 3 cr.

**CROP 410** Plant Breeding and Crop Improvement 3 cr.

**BIOL 314** Plant Pathology 3 cr.

**BIOL 333** Entomology 3 cr.

**FDSC 238** Meat and Meat Products 3 cr.

**FDSC 259** Cereal Technology 3 cr.

**ANSC 257** Genetics 3 cr.

**ANSC 231** Principles of Nutrition 3 cr.

**ANSC 232** Applied Feeds and Feeding 3 cr.

**ANSC 365** Poultry Production 3 cr.

**ANSC 366** Swine Production 3 cr.

**ANSC 367** Beef Production 3 cr.

**ANSC 368** Sheep Production 3 cr.

**ANSC 369** Equine Production 3 cr.

**Select two courses of the following:**

**AGEC 240** Cooperatives 3 cr.

AGEC 355 Agricultural Marketing and Prices 3 cr.  
AGEC 360 Farm Management 3 cr.  
AGEC 361 Horticulture Business Management 3 cr.  
AGEC 450 Introduction to Natural Resource Economics 3 cr.  
AGEC 495 Direct Marketing 3 cr.  
AGEC 410 Professional Selling 3 cr.

**Select two courses of the following:**

AGED 202 Leadership and Group Dynamics 3 cr.  
ESM 151 Introduction to Land Use Theory and Practice 3 cr.  
GEOG 120 Human Geography 3 cr.  
GEOG 214 World Patterns of Plants and Animals 3 cr.  
GEOG 220 Economic Geography 3 cr.  
PHIL 240 Social Ethics 3 cr.  
PHIL 303 Environmental Ethics 3 cr.  
PHIL 304 Business Ethics 3 cr.  
POLS 256 Public Policymaking 3 cr.

**Electives 4-6 cr.**

# UNIVERSITY OF WISCONSIN River Falls

## Dairy Science Certification

**Dairy Science Two-Year Certificate: 60 total cr. hr.**

**General education requirements: 25-26 cr. hrs.**

**BIOL 150** General Biology 3 cr.

**CHEM 120** Introduction to General Chemistry 6 cr.

or **CHEM 121** General Chemistry I 5 cr.

**ENGL 100** Academic Reading and Writing 3 cr.

**ENGL 200** Investigating Ideas: Reading, Writing, and the Disciplines 3 cr.

**ESM 105** Introduction to Environmental Studies 3 cr.

**MATH 146** College Algebra 3 cr.

**P ED 108** Health and Fitness for Life 1 cr.

**P E** (Select two 0.5 cr. activities courses) 1 cr.

**COMA 101** Fundamentals of Oral Communication 3 cr.

**Dairy Science requirements: 30 cr. hrs.**

**ANSC 111** Introduction to Animal Science 3 cr.

**ANSC 231** Principles of Nutrition 3 cr.

**ANSC 232** Applied Feeds and Feeding 3 cr.

**ANSC 257** Genetics 3 cr.

**ANSC 345** Animal Health 2 cr.

**DASC 120** Orientation to Dairy Science 1 cr.

**DASC 306** Dairy Production 3 cr.

**CAFES Electives: 12 cr. hrs.**

**General Electives: 4-5 cr. hrs.**

**Department of  
Animal and Food  
Science**

**247 Agricultural Science  
715-425-3704  
[www.uwrf.edu/ANFS/](http://www.uwrf.edu/ANFS/)**

Gary Onan-Chair, Larry Baumann,  
Perry Clark, Dennis Cooper, Kari  
Ekenstedt, Michelle Farner, Kristina  
Hiney, Sylvia Kehoe, Steve Kelm,  
Justin Luther, Nathan O'Connor, Amy  
Radunz, Peter Rayne, Kurt Vogel,  
Bonnie Walters, Steve Watters

# UNIVERSITY OF WISCONSIN River Falls

## Dairy Science Major

### Dairy Science Major: 63-65 Total Credits

#### Required Courses: 35 cr. hrs.

**DASC 120** Orientation to Dairy Science 1 cr.

**ANSC 231** Principles of Nutrition 3 cr.

**ANSC 232** Applied Feeds and Feeding 3 cr.

**ANSC 257** Genetics 3 cr.

**ANSC 260** Animal Physiology 4 cr.

**DASC 306** Dairy Production 3 cr.

**ANSC 345** Animal Health 2 cr.

**ANSC 346** Principles of Animal Breeding 3 cr.

**DASC 404** Lactation and Milk Quality 3 cr.

**DASC 406** Advanced Dairy Management 3 cr.

**ANSC 433** Advanced Nutrition 3 cr.

or **DASC 436** Dairy Cattle Nutrition 3 cr.

**ANSC 448** Reproductive Physiology 3 cr.

**DASC 485** Seminar: Dairy Science 1 cr.

#### Select Management, Science, or Minor Option

Management Option

Science option

Minor Option

#### Management Option 25 cr. hrs.

**CHEM 230** General Organic Chemistry 3 cr.

**AGBI 251** Agricultural Biochemistry 3 cr.

**DASC 270** Internship I

or **DASC 370** Internship II 4 cr.

#### Choose two from:

**AGEC 305** Agricultural Accounting 3 cr.

**AGEC 345** Agricultural Law 3 cr.

**AGEC 355** Agricultural Markets and Prices 3 cr.

**AGEC 360** Farm Management 3 cr.

**AGEC 365** Agricultural Finance 3 cr.

**AFES 310** Agricultural Human Resource Management 3 cr.

#### Additional directed electives: 9 cr. hrs.

Students may select any combination of courses offered by Food Science, Agricultural Education, Agricultural Economics, Agricultural Engineering, Plant and Earth Science, Modern Language, or the

### General Education Requirements

#### As listed with the following exceptions:

CS (Communication/Speaking and Listening) designator:

**COMS 101** or **COMS 116** is required

SL (Scientific Investigation) / S (Sciences) designator:

**BIOL 150** is required

**CHEM 120** or **CHEM 121** is required

### Foundation Courses in Agriculture: 12 cr. hrs.

Required Foundation courses:

**ANSC 111** Introduction to Animal Science 3 cr.

**AGEC 230** Agricultural Economics I 3 cr.

Then select 2 from the following 4 courses:

**AGEN 150** Introduction to Agricultural Engineering 3 cr.

**PLSC 161** Introduction to Plant Science 3 cr.

**FDSC 110** The Science of Food 3 cr.

**SOIL 120** Introduction to Soil Science 3 cr.

### Department of Animal and Food Science

247 Agricultural Science  
715-425-3704



College of Business and Economics. At least 6 credit hours must be earned from courses at the 200 level or higher.

### Science Option 28-30 cr. hrs.

**CHEM 122** General Chemistry II 5 cr.

**CHEM 231** Organic Chemistry I 3 cr.

**CHEM 236** Organic Chemistry Lab I 1 cr.

or **CHEM 246** Synthetic and Analytical Techniques in Organic Chemistry I 2 cr.

**CHEM 232** Organic Chemistry II 3 cr.

**CHEM 237** Organic Chemistry Lab II 1 cr.

or **CHEM 247** Synthetic and Analytical Techniques in Organic Chemistry II 1 cr.

**CHEM 361** Biochemistry I 3 cr.

**MATH 147** College Algebra and Trigonometry 3 cr.

or **MATH 149** Precalculus 4 cr.

or **MATH 166** Calculus I 4 cr.

**PHYS 151** General Physics

or **PHYS 161** General Physics 4 cr.

**ANSC 341** Biometrics 3 cr.

**BIOL 324** Microbiology 4 cr.

**Choose one from the following:**

**ANSC 447** Endocrinology 2 cr.

**BIOL 230** General Zoology 3 cr.

**BIOL 240** Cell and Molecular Biology 3 cr.

**CHEM 362** Biochemistry II 3 cr.

**CHEM 461** Pharmacology 3 cr.

**PHYS 152** General Physics II

or **PHYS 162** General Physics II 4 cr.

[www.uwrf.edu/ANFS/](http://www.uwrf.edu/ANFS/)

Gary Onan-Chair, Larry Baumann, Perry Clark, Dennis Cooper, Kari Ekenstedt, Michelle Farnier, Kristina Hiney, Sylvia Kehoe, Steve Kelm, Justin Luther, Nathan O'Connor, Amy Radunz, Peter Rayne, Danielle Smarsh, Kurt Vogel, Bonnie Walters, Steve Watters

The Department of Animal and Food Science offers three options for Dairy Science majors. Required core courses within the Dairy Science major are identical, regardless of option. Additional requirements are based on the choice of option. The Dairy Science-Management option is designed for students seeking careers in dairy farm management or supporting industries such as feed, pharmaceutical, or genetics sectors of the dairy industry. The Dairy Science-Science option is designed for students that plan to enroll in graduate or professional degree programs following completion of the Bachelor of Science degree. This option is strongly suggested for students that hope to enroll in a college of veterinary medicine at a future date. The Dairy Science-Minor option is designed for students who wish to supplement their education with an academic minor or second major.

### Minor Option 28-30 cr. hrs.

As an alternative to the Management or Science option, students can pair the Dairy Science major with an academic minor to develop a more in-depth understanding of a second area of interest.

Any minor of 22-24 credits or second major (other than Animal Science, Dairy Science, or Ag Studies).

In addition to the minor or second major the following two courses are

required:

**CHEM 230** General Organic Chemistry 3 cr.

**AGBI 251** Agricultural Biochemistry 3 cr.

UNIVERSITY OF WISCONSIN **River Falls****Dairy Science Minor****Dairy Science Minor 22 total cr. hrs.****Required courses: 18 cr. hrs.**

**ANSC 231** Principles of Nutrition 3 cr.

**ANSC 232** Applied Feeds and Feeding 3 cr.

**ANSC 257** Genetics 3 cr.

**DASC 306** Dairy Production 3 cr.

**Choose two from:**

**DASC 404** Lactation and Milk Quality 3 cr.

**DASC 406** Advanced Dairy Management 3 cr.

**DASC 436** Dairy Cattle Nutrition 3 cr.

**Directed Electives: 4-6 cr. hrs.**

Choose 1-3 courses from all courses in DASC, ANSC, AGBI, or FDSC

**EXCEPT** the following: courses numbered lower than the 200 level; more than one evaluation or independent study course- **DASC 210, DASC 310, DASC 490, ANSC 211, ANSC 311, ANSC 313, ANSC 490, FDSC 490**

**Department of  
Animal and Food  
Science**

**247 Agricultural Science  
715-425-3704  
[www.uwrf.edu/ANFS/](http://www.uwrf.edu/ANFS/)**

Gary Onan-Chair, Larry Baumann,  
Perry Clark, Dennis Cooper, Kari  
Ekenstedt, Michelle Farner, Kristina  
Hiney, Sylvia Kehoe, Steve Kelm,  
Justin Luther, Nathan O'Connor, Amy  
Radunz, Peter Rayne, Danielle  
Smarsh, Kurt Vogel, Bonnie Walters,  
Steve Watters

# UNIVERSITY OF WISCONSIN River Falls

## Dance Minor

### Minor Requirements 24 credits

#### Required for Performance and Education Options

- DANC 120** Somatic Practices for the Performing Arts 3 cr.
- DANC 150** Improvisation for the Performing Arts 2 cr.
- DANC 180** Applied Dance Technique 1 cr.
- DANC 221** Contemporary Dance Technique 2 cr.
- DANC 224** Ballet I 1 cr.
- DANC 226** Ballet II 1 cr.
- DANC 250** Dance Composition: An Interrelated Arts Approach 3 cr.
- DANC 260** Dance Production/Repertory 3 cr.
- DANC 310** Jazz and Tap Technique 2 cr.
- THEA 333** Stage Lighting 3 cr.

#### Required for Performance Option

- DANC 307** Social Dance II 2 cr.
- DANC 350** Choreographic Project 1 cr.

#### Required for Education Option

- DANC 320** Dance Pedagogy 3 cr.

#### Required Supporting Courses

- DANC 100** Dance Appreciation 3 cr.
- DANC 107** Social Dance .5 cr.
- DANC 110** Basic Jazz Dance .5 cr.

## Department of Communication Studies and Theatre Arts

**B-24 Kleinpell Fine Arts**  
715-425-3971  
[www.uwrf.edu/CSTA](http://www.uwrf.edu/CSTA)

**Communication Studies:** Jennifer Willis-Rivera (Chair), Grace Coggio, Eric Eberhardt, Sean Larson, Sarah Lechowich, Steve Phalen, Angie Siwik

**Digital Film and Television:** Jim Zimmerman, Erik Johnson

**Dance Education:** Karla Zhe, Mari Kline, Marius Andahazy

**Theatre Arts:** Robin Murray (Chair), Ken Stofferahn, Jim Zimmerman, Sean Dooley, Maddie Weber (Costume Designer)

# UNIVERSITY OF WISCONSIN River Falls

## Digital Film and Television Minor

### 24 Total Credits

#### Required Courses: 21 cr. hrs.

**DFT 151** Broadcast Performance 3 cr.

**DFT 160** Studio Production 3 cr.

**DFT 260** Electronic Field Production (pre-requisite DFT 160) 3 cr.

**DFT 301** History of Film 3 cr.

**DFT 310** Media Literacy-A Weapon Against Propaganda 3 cr.

**DFT 360** Corporate Electronic Communication (pre-requisite DFT 260) 3 cr.

**DFT 458** Broadcast Programming and Criticism 3 cr.

#### Choose one from the following: 3 cr. hrs.

**DFT 261** Electronic Media Copy Writing 3 cr.

**JOUR 245** Writing for Film and Television 3 cr.

## Department of Communication Studies and Theatre Arts

**B-24 Kleinpell Fine Arts**  
**715-425-3971**  
[www.uwrf.edu/CSTA](http://www.uwrf.edu/CSTA)

**Communication Studies:** Jennifer Willis-Rivera (Chair), Grace Coggio, Eric Eberhardt, Sean Larson, Sarah Lechowich, Steve Phalen, Angie Siwik

**Digital Film and Television:** Jim Zimmerman, Erik Johnson

**Dance Education:** Karla Zhe, Mari Kline, Marius Andahazy

**Theatre Arts:** Robin Murray (Chair), Ken Stofferahn, Jim Zimmerman, Sean Dooley, Maddie Weber (Costume Designer)

# UNIVERSITY OF WISCONSIN River Falls

## Early Childhood Certification

### Program Overview

#### Early Childhood Certification Program

**Prerequisites to entering the minor sequence:**

**TED 211** Educational Psychology: Elementary Ed (writing intensive) 5 cr.

Completion of 30 credits

**Required Courses: 23 cr. hrs.**

**TED 225** Developmental Learning Experiences of Young Children 3 cr.

**TED 225 is a prerequisite for all other Early Childhood courses:**

**TED 330** Infant Toddler Programs 3 cr.

**TED 332** Preschool Curriculum 3 cr.

**TED 335** Kindergarten Curriculum and Materials 3 cr.

**TED 345** Parent Education and Family Development 3 cr.

**TED 400** Supervision and Management Early Childhood Program 2 cr.

**TED 405** Special Needs Child: Early Childhood Classroom 3 cr.

**TED 410** Early Childhood Language Arts 3 cr.

**Student Teaching Requirement: 10 cr.**

**TED 471** Student Teaching: Pre-kindergarten/Kindergarten  
(Co-/Prerequisite TED 400)

### Early Childhood Certification

#### Department of Teacher Education (TED)

257 Walker Wyman Education

[www.uwrf.edu/TED/](http://www.uwrf.edu/TED/)

Geoffrey Scheurman-Chair

UW-River Falls offers a program in Early Childhood through Middle Childhood for students who are elementary majors with an early childhood minor, which meets certification requirements to teach Early Childhood through Middle Childhood - Regular Education. In addition to providing further enrichment in techniques for instruction in the primary grades, this minor and certification increases the range of potential employment for an elementary education major. Those who may seek employment in existing day care centers, nursery schools, child and family education programs, or those intending to start their own private pre-school, should investigate the opportunities opened via an early childhood minor.

# UNIVERSITY OF WISCONSIN River Falls

## Early Childhood Degree Completion and Certification Program Overview

### Required Courses

Early childhood major courses typically completed as part of associate degree (25 credits):

- TED 211 Educational Psychology
- TED 225 Developmental Learning Experiences of Young Children
- TED 330 Infant and Toddler Programs
- TED 332 Preschool Curriculum
- TED 345 Parent Education and Family Development
- TED 400 Supervision and Management of Early Childhood Programs
- TED 405 Early Childhood Special Needs
- TED 410 Early Childhood Language Arts

Additional UWRF early childhood major courses (59 credits):

- MUS 275 Music and Art for Early Learners
- P ED 246 Health and Movement Activities for Children
- TED 155 Intro to Tech Integration and the Reflective Multimedia
- TED 255 Children's Literature for Elementary Education
- TED 321 Early Childhood Integrated Reading and Language Arts I
- TED 322 Early Childhood Integrated Reading and Language Arts II
- TED 323 Content and Techniques of K-3 Mathematics I
- TED 324 Content & Techniques of K-3 Mathematics II
- TED 325 Diversity in Early Childhood Settings
- TED 326 Place-Based Environmental Science for Early Childhood Educators
- TED 335 Kindergarten Curriculum and Materials
- TED 350 Pre-K – Early Elementary Learning Challenges
- TED 409 English Language Learners in Early Childhood
- TED 411 Leadership and Advocacy for Young Children
- TED 424 Inquiry Learning: Society and Environment for Early Elementary
- TED 451 Integrating Alternative Methodologies of Early Childhood Education
- TED 480 Early Childhood Student Teaching

UWRF University and General Education

### Early Childhood Degree Only

Another option in the [Early Childhood Degree Completion and Certification](#) program allows individuals with an associate degree in early childhood education or child development to apply credits earned toward a Bachelor of Science degree.

### Contact:

Debra Hare

Email or 715-425-3557

## Requirements (36 credits)



# UNIVERSITY OF WISCONSIN River Falls

## Early Childhood Degree Completion

### Program Overview

### Required Courses

Early childhood major courses typically completed as part of an associate degree (25 credits):

- TED 211 Educational Psychology
- TED 225 Developmental Learning Experiences of Young Children
- TED 330 Infant and Toddler Programs
- TED 332 Preschool Curriculum
- TED 345 Parent Education and Family Development
- TED 400 Supervision and Management of Early Childhood Programs
- TED 405 Early Childhood Special Needs
- TED 410 Early Childhood Language Arts

**Additional UWRF early childhood major courses (31 credits):**

- COMD 160 Introduction to Communicative Disorders
- MUS 275 Music and Art for Early Learners
- P ED 246 Health and Movement Activities for Children
- TED 255 Children's Literature for Elementary Education
- TED 325 Diversity in Early Childhood Settings
- TED 326 Place-Based Environmental Science for Early Childhood Educators
- TED 329 Exploring Nature Through Inquiry Learning
- TED 335 Kindergarten Curriculum and Materials
- TED 409 English Language Learners in Early Childhood
- TED 411 Leadership and Advocacy for Young Children
- TED 451 Integrating Alternative Methodologies of Early Childhood Education

### Electives (19 credits)

Students are given flexibility to select courses to meet their unique goals. Many online options are available at UWRF, and transfer credits may be accepted for approved courses from other institutions.

**UWRF University and General Education Requirements (45 credits)**

### Early Childhood Degree and Teaching Certification

Another option in the **Early Childhood Degree Completion and certification** program allows individuals with an associate's degree in early childhood education or child development to apply credits and field experience hours earned toward a Bachelor of Science degree and an optional Wisconsin early childhood teaching certification (birth to age 8).

### Contact:

Debra Hare

**E-mail** or 715-425-3557

# UNIVERSITY OF WISCONSIN River Falls

## Earth Science Minor

### Earth Science Minor Requirements: 21 Total Credits

**Required Courses 16 cr. hrs.**

**GEOL 102** Introductory Geology Lab 1

**GEOL 150** Historical Geology 4

**GEOL 202** Oceanography 3

**GEOL 269** Environmental Geology (writing intensive) 3

**GEOL 330** Meteorology 2

**PHYS 117** Introductory Astronomy 3

**Electives 5 cr. hrs.**

Select from 200 level or above Geology courses

### Department of Plant and Earth Science

**324 Agricultural Science**  
**715-425-3345**  
[www.uwrf.edu/PES/](http://www.uwrf.edu/PES/)

Donavon Taylor-Chair, William  
Anderson, Jarod Blades, Jill Coleman  
Wasik, Holly Dolliver, Terry Ferriss,  
Allison Gale, Veronica Justen, Kerry  
Keen, Eric Sanden, Brian Smith,  
Pamela Weller, Ian Williams, David  
Zlesak

# UNIVERSITY OF WISCONSIN River Falls

## Economics Major

### Major Requirements 42-44 Total Credits

**OPTION A: College of Business and Economics**

**OPTION B: College of Arts and Sciences** (Liberal Arts)

**Required Courses: 21 cr. hrs.**

**ECON 201** Principles of Microeconomics 3 cr.

**ECON 202** Principles of Macroeconomics 3 cr.

**ECON 226** Introduction to Statistics

or **MATH 226** Fundamentals of Statistics 3 cr.

or equivalent upon Chair's approval

**ECON 301** Intermediate Microeconomics 3 cr.

**ECON 302** Intermediate Macroeconomics 3 cr.

**ECON 326** Statistics for Economics and Business 3 cr.

**ECON 480** Senior Seminar (writing intensive) 3 cr.

**Elective Courses\*: 18 cr. hrs.**

Choose 18 credits from the following categories with at most nine credits from the disciplines outside the area of Economics:

- Elective courses in the area of Economics: **ECON 305, ECON 312, ECON 316, ECON 324, ECON 328, ECON 329, ECON 332, ECON 334, ECON 338, ECON 340, ECON 342, ECON 344, ECON 362, ECON 378, ECON 379, ECON 426, ECON 489, ECON 499**
- Elective courses outside the area of Economics: **ACCT 232, ACCT 321, ACCT 322, ACCT 356; BLAW 265, BLAW 266; CBE 370** (limited to one 3-credit study tour); **CSIS 161, CSIS 162, CSIS 215, CSIS 225; FINC 345, FINC 347, FINC 348, FINC 446; MNGT 300, MNGT 318, MNGT 320, MNGT 330, MNGT 340, MNGT 350, MNGT 355, MNGT 361, MNGT 430; MKTG 310, MKTG 312, MKTG 355, MKTG 365, MKTG 445; AGE 355, AGE 450; GEOG 220, GEOG 237; MATH 236, MATH 256, MATH 266, MATH 316, MATH 326, MATH 327, MATH 331, MATH 356, MATH 357, MATH 366, MATH 367, MATH 371, MATH 431, MATH 456; PHIL 304; POLS 212, POLS 230, POLS 245, POLS 369; or PSYC 250, PSYC 265.**

\*Some elective courses may have prerequisites

### Department of Economics

124 South Hall  
715-425-3335  
[www.uwrf.edu/CBE/](http://www.uwrf.edu/CBE/)

Hamid Tabesh—Chair, Jackie Brux, Hossein Eftekari, Jennifer Hafer, Logan Kelly, Pascal Ngoboka, Glenn Potts, Susan K. Rogers, Brian Schultz, John Walker, Ellen Schultz—Academic Advisor.

The vision of the College of Business and Economics is to be a community of choice and the regional leader in the acquisition, study, application and sharing of business, economics and information technology knowledge. Consistent with this vision, the college is accredited by the Association to Advance Collegiate Schools of Business (AACSB) International.

### Admission Requirements

For all majors in the College of Business and Economics (CBE): Completion of at least 27 required general education credits with a minimum GPA of 2.25.

Additionally, the following must be completed, or in progress for completion, during the semester preceding admission. Students may register prior to acceptance, but acceptance is required for attendance

**OPTION A - Required Supporting Courses: 4-5 cr. hrs.**

**CBE 100** Orientation to CBE 0.5 cr.

**CBE 300** Professional Development 0.5 cr.

**ECON 205** Quantitative Analysis

or **MATH 156** or **MATH 166** 3-4 cr.

**OPTION B - Required Supporting Course: 3-4 cr. hrs.**

**ECON 205** Quantitative Analysis

or **MATH 156** or **MATH 166** 3-4 cr.

in CBE upper-level courses. Students with Lower Division GPAs between 2.25 and 2.50 may petition the Assistant Dean for consideration on a case-by-case basis.

For admission to the Economics major:

GPA of 2.50 in **ECON 201**; **ECON 202**; **ECON 205** (or **MATH 156** or **MATH 166**); **ENGL 100**; **CBE 100**

# UNIVERSITY OF WISCONSIN River Falls

## Economics Minor

### Minor Requirements 24-25 Total Credits

Liberal Arts

Education

#### Liberal Arts Option

##### Required Courses: 15-16 cr. hrs.

**ECON 201** Principles of Microeconomics 3 cr.

**ECON 202** Principles of Macroeconomics 3 cr.

**ECON 205** Quantitative Analysis

or **MATH 156** or **MATH 166** 3-4 cr.

**ECON 301** Intermediate Microeconomics 3 cr.

**ECON 302** Intermediate Macroeconomics 3 cr.

##### Elective Courses\*: 9 cr. hrs.

Choose nine credits from the following categories with at most three credits from the disciplines outside the area of Economics:

- Elective courses in the area of Economics: **ECON 305, ECON 312, ECON 316, ECON 324, ECON 326, ECON 328, ECON 329, ECON 332, ECON 334, ECON 338, ECON 340, ECON 342, ECON 344, ECON 362, ECON 378, ECON 426, ECON 489, ECON 499**
- Elective courses outside the area of Economics: **ACCT 232, ACCT 321, ACCT 322, ACCT 356; BLAW 265, BLAW 266; CBE 370** (limited to one 3-credit study tour); **CSIS 161, CSIS 162, CSIS 215, CSIS 225; FINC 345, FINC 347, FINC 348, FINC 446; MNGT 300, MNGT 318, MNGT 320, MNGT 330, MNGT 340, MNGT 350, MNGT 355, MNGT 361, MNGT 430; MKTG 310, MKTG 312, MKTG 355, MKTG 365, MKTG 445; AGECE 355, AGECE 450; GEOG 220, GEOG 237; MATH 236, MATH 256, MATH 266, MATH 316, MATH 326, MATH 327, MATH 331, MATH 356, MATH 357, MATH 366, MATH 367, MATH 371, MATH 431, MATH 456; PHIL 304; POLS 212, POLS 230, POLS 245, POLS 369; or PSYC 250, PSYC 265.**

\*Some elective courses may have prerequisites

### Department of Economics

124 South Hall  
715-425-3335  
[www.uwrf.edu/CBE/](http://www.uwrf.edu/CBE/)

Hamid Tabesh—Chair, Jackie Brux,  
Hossein Eftekari, Jennifer Hafer,  
Logan Kelly, Pascal Ngoboka, Glenn  
Potts, Susan K. Rogers, Brian  
Schultz, John Walker, Ellen Schultz-  
Academic Advisor.

#### Education Option

**Required Courses: 6 cr. hrs.**

**ECON 201** Principles of Microeconomics 3 cr.

**ECON 202** Principles of Macroeconomics 3 cr.

**Electives in Economics: 18 cr. hrs.**

Choose from:

**ECON 305** Money and Banking 3 cr.

**ECON 312** Political Economy of Discrimination 3 cr.

**ECON 316** Managerial Economics 3 cr.

**ECON 324** Labor Economics 3 cr.

**ECON 328** Domestic Topics in Third World Economic  
Development 3 cr.

**ECON 329** Global Topics in Third World Economic  
Development 3 cr.

**ECON 332** Public Finance 3 cr.

**ECON 334** Public Regulation 3 cr.

**ECON 340** Contemporary International Trade 3 cr.

**ECON 342** International Finance 3 cr.

**ECON 344** Comparative Economic Systems 3 cr.

**ECON 362** History of Economic Thought 3 cr.

**ECON 378** Semester Abroad Research 3 cr.

**ECON 379** Internship 2-6 cr.

**ECON 389** Special Topics in Economics 1-3 cr.

**ECON 426** Forecasting and Econometrics 3 cr.

**ECON 450** Introduction to Natural Resources Economics 3 cr.

**ECON 489** Special Topics: Economics 1-3 cr.

# UNIVERSITY OF WISCONSIN River Falls

## Elementary Education Major

### Elementary Education Major: 46 Total Credits

**TED 155** Intro to Tech Integration and the Reflective Multimedia 2 cr.

**TED 211** Educational Psychology: Elementary Ed (writing intensive) 5 cr.

**TED 420** School and Society (writing intensive) 3 cr.

**TED 310** Techniques in Elementary Education: Language Arts 4 cr.

**TED 311** Techniques in Elementary Education: Social Studies 4 cr.

**TED 312** Techniques in Elementary Education: Science 4 cr.

**TED 315** Techniques in Elementary Education: Mathematics 4 cr.

**TED 316** Developmental Reading 4 cr.

**TED 317** Reading Practicum 4 cr.

**TED 472** Student Teaching: Elementary Education 12 cr.

### Required Courses: 25 cr. hrs.

**TED 252** Foundations of Multicultural Education 3 cr.

**TED 255** Children's Literature for Elementary Education

or **ENGL 250** Literature for Children 3 cr.

**ART 250** Child Art 2 cr.

**ESM 300** Environmental Education 3 cr.

**HEAL 361** Methods and Materials in Health for the Elementary Teacher 3 cr.

**MATH 247** Mathematics for Elementary Teachers II 4 cr.

**MUS 350** Music for Elementary Teachers 2 cr.

**P ED 326** Techniques in Physical Education for the Elementary School Teacher 2 cr.

**SPED 330** The Exceptional Child 3 cr.

**Minor Areas:** Elementary education majors must select a minor which meets two criteria:

- 1) it must be a certifiable curriculum area, and
- 2) it must be an important subject taught in elementary schools.

**Minors recommended for the Elementary Education Major by the Wisconsin Department of Public Instruction include:**

Communication Studies

Early Childhood

Health Education

Language Arts/Reading Science

General Science

Mathematics

Modern Language - French, German, Spanish

## Department of Teacher Education

257 Walker Wyman  
Education  
715-425-3230  
[www.uwrf.edu/TED/](http://www.uwrf.edu/TED/)

Geoffrey Scheurman-Chair, Susan Ahrendt, Tyler Christensen, Molly Gerrish, Tim Holleran, Angela Kaiser, Florence Monsour, David Pepi, Hilary Pollack, Gay Ward, Brenda Wright, Mary Wright

Admission to Teacher Education is required the semester prior to enrolling in the Block courses. See the Degree Requirements by College for a complete list of requirements for admission.

The techniques blocks give students the opportunity to spend three days per week, for two semesters in public schools with this innovative instructional program. The Blocks consist of the following courses:  
Block I: **TED 312** (science), **TED 315** (math), **TED 317** (reading) 12 cr. hrs.  
Block II: **TED 310** (language arts), **TED 311** (social studies), **TED 316** (reading) 12 cr. hrs.

The four-year curriculum is designed to prepare a student for a bachelor's degree in Elementary Education. The program consists of a minimum of 132 semester hours that give

Social Studies

Teaching English as a Second Language

### **Other acceptable minors are:**

Anthropology

Biology

Chemistry

Coaching/Athletics

Communicative Disorders

Dance

Earth Science

Economics

English

Geography

History

Journalism

Philosophy

Physics

Political Science

Psychology

Sociology

students a broad general education, professional preparation for effective teaching at the elementary education level, and special preparation in an academic minor. Upon completion of these requirements, the elementary education major is licensable in Wisconsin to teach Middle Childhood - Early Adolescence, Regular Education. The addition of the Early Childhood minor meets requirements for an Early Childhood through Middle Childhood, Regular Education license in the state of Wisconsin.



# UNIVERSITY OF WISCONSIN River Falls

## Elementary Education, MSE

### Overview of Program

### Degree Requirements

#### **Professional education courses**, 34 credits

**TED 700** Curriculum in the Elementary School, 3 credits

**TED 705** Language Arts in the Elementary School, 3 credits

**TED 710** Social Studies in the Elementary School, 3 credits

**TED 715** Science in the Elementary School, 3 credits

**TED 720** Mathematics in the Elementary School, 3 credits

**TED 740** Historical/Philosophical/Multicultural Foundations of American Education, 4 credits

**TED 745** Psychology of Teaching, 6 credits

**READ 661** Psychology and Pedagogy of Literacy, 3 credits

**READ 760** Literacy Instruction in the Elementary School, 3 credits

**SPED 530** The Exceptional Child, 3 credits

#### **Student teaching**, 12 credits

**TED 472** Student Teaching: Elementary School, 12 credits

### Undergraduate coursework required for elementary certification:

- Written Communication
- Oral Communication
- Math for Elementary Teachers
- Social Studies
- Environmental Education
- Physical Science
- Humanities/Literature
- Non-western History or Culture
- Music course
- Art course

Coursework equivalents from your undergraduate work may be counted for the above credits. Any courses needed from the list can be completed at any time in the program, but must be finished to receive a license.

Certification requires successful completion of all coursework, with an

overall GPA of 3.0 on a 4.0 scale in the advanced program, student teaching and a certification portfolio. Students should consult with their advisor on [Wisconsin Department of Public Instruction](#) portfolio requirements.

# UNIVERSITY OF WISCONSIN River Falls

## English Major

### English Major

Choose one of the following emphases:

Literature

Creative Writing

Professional Writing

Education

### English Major

#### Literature Emphasis - Liberal Arts: 36 Total Credits

#### Required Courses: 27 cr. hrs.

**ENGL 251** Advanced Composition 3 cr.

**ENGL 253** Introduction to Literary Studies 3 cr.

**ENGL 321** English Language: History and Culture 3 cr.

**ENGL 324** Survey of American Lit. I, Origins to 1900 (writing intensive)  
3 cr.

**ENGL 325** Survey of American Lit. II, 1900-1980 (writing intensive) 3 cr.

**ENGL 331** Survey of English Lit. I, to 1800 (writing intensive) 3 cr.

**ENGL 332** Survey of English Lit. II, 1800-Present (writing intensive) 3  
cr.

**ENGL 335** Shakespeare 3 cr.

**ENGL 444** Major Authors 3 cr.

A second period course in British literature may replace one of the British survey courses, or a second period course in American literature may replace one of the American survey courses. At least three survey courses must be taken.

#### Directed Electives: 9 cr. hrs.

#### Select one genre, sub-genre, or diversity literature course: 3 cr. hrs.

**ENGL 202** Literature of Science Fiction 3 cr.

**ENGL 203** Literature of the African-American Experience 3 cr.

**ENGL 207** Literature of the Asian-American Experience 3 cr.

**ENGL 212** The Native American in Literature 3 cr.

**ENGL 214** Women in Literature 3 cr.

**ENGL 222** Literature of Fantasy 3 cr.

**ENGL 226** Detective Fiction 3 cr.

**ENGL 230** International Short Fiction (g)

**ENGL 231** The Short Story 3 cr.

**ENGL 232** Contemporary Drama 3 cr.

**ENGL 233** Introduction to Poetry 3 cr.

## General Education Requirements

**ENGL 106** must be taken for the Humanities and Fine Arts requirement for ALL English majors and minors, including the Language Arts/Reading minor. It is strongly suggested for TESOL majors and minors.

Education majors must do:

Humanities and Fine Arts: 9 cr. hrs., including **ENGL 106** Literature: Intro Fiction, Poetry, and Drama 3 cr. hr. and **CSTA 105** Introduction to Theatre and Drama. 3 cr. hr.

Social and Behavioral Sciences: 9 cr. hrs.

In addition to **POLS 114** and **PSYC 101**, choose one of the following courses, which also satisfies the cultural diversity requirement for certification: **ENGL 203**, **ENGL 207**, **ENGL 212**, **ENGL 214**, **ENGL 235**, **ENGL 307**, **ENGL 385**, or **ENGL 443**.

## English Degrees Available

### Department of English

245 Kleinpell Fine Arts  
715-425-3537  
[www.uwrf.edu/ENGL/](http://www.uwrf.edu/ENGL/)

Marshall Toman-Chair, Jennifer Brantley, David Furniss, Greta Gaard, Kathleen Hunzer, Annette Klemp, Steven Luebke, Mialisa Moline,

**ENGL 234** Modern Novels 3 cr.

**ENGL 235** American Autobiography 3 cr.

**ENGL 300** Women and Film 3 cr.

**ENGL 307**, Ethnic Film, Literature, and Culture 3 cr.

**ENGL 343** The Novel and Film Adaptations 3 cr.

**ENGL 443** American Ethnic Women Writers 3 cr.

**Select one period course, English, American or International 3 cr.**

**hrs.**

**ENGL 341** European Literature (19th Century) 3 cr.

**ENGL 422** Elizabethan & Jacobean Drama

**ENGL 423** 17th Century Prose & Poetry

**ENGL 426** Victorian Literature 3 cr.

**ENGL 427** Modern British Literature: 1890-1940 3 cr.

**ENGL 428** Modern British Literature: 1940-Present 3 cr.

**ENGL 429** American Renaissance 3 cr.

**ENGL 430** American Realism 3 cr.

**ENGL 431** Modern American Fiction 3 cr.

**ENGL 432** Contemporary American Literature 3 cr.

**ENGL 441** Twentieth-Century International Literature 3 cr.

Select one English course at the 300/400 level 3 cr. hrs.

**Free Elective: 3 cr. hrs.**

Michelle Parkinson, Vladimir Pavlov,

Kenneth Price, Joseph Rein,

Catherine Ross-Stroud, Elizabeth

Schneider-Rebozo, Douglas Margolis

## English Major

### Creative Writing Emphasis-Liberal Arts: 36 Total Credits

**Required Courses: 18 cr. hrs.**

**Writing Component 9 cr. hrs.**

**ENGL 262** Creative Writing 3 cr.

**ENGL 382\*** Writing Workshop in Prose and Poetry 3 cr.

**ENGL 482** Writing Seminar in Fiction and Poetry 1-3 cr.

\***ENGL 382** may be taken again, under 1B below.

**Directed Electives in Writing 9 cr. hrs.**

(At least 6 of the credits must be from **ENGL 368**, **369**, or **370**)

**ENGL 368** Writing Poetry 3 cr.

**ENGL 369** Writing Fiction 3 cr.

**ENGL 370** Writing Nonfiction 3 cr.

**ENGL 382** Writing Workshop in Prose and Poetry 3 cr.

**Coursework Outside Creative Writing: 18 cr. hrs.**

**Required Courses: 12 cr. hrs.**

**ENGL 251** Advanced Composition 3 cr.

**ENGL 253** Introduction to Literary Studies 3 cr.

**ENGL 321** English Language: History and Culture 3 cr.

**ENGL 331** Survey of English Literature I: to 1800 3 cr.

**Directed Electives in Literature 6 cr. hrs.**

**Choose one course from Modern/Contemporary Period 3 cr. hrs.**

**ENGL 325** Survey of American Literature II 3 cr.

**ENGL 332** Survey of English Literature II 3 cr.

**ENGL 432** Contemporary American Literature 3 cr.

**ENGL 444** Major Authors 3 cr.

**Genre Courses (preferably in area of specialization) 3 cr. hrs.**

**ENGL 202** Literature of Science Fiction 3 cr.

**ENGL 222** Literature of Fantasy 3 cr.

**ENGL 226** Detective Fiction 3 cr.

**ENGL 230** International Short Fiction (g)

**ENGL 231** The Short Story 3 cr.

**ENGL 232** Contemporary Drama 3 cr.

**ENGL 233** Introduction to Poetry 3 cr.

**ENGL 234** Modern Novels 3 cr.

**ENGL 235** American Autobiography 3 cr.

**ENGL 250** Children's Literature 3 cr.

**ENGL 342** Developments in the Novel 3 cr.

**ENGL 355** Literature for Adolescents 3 cr.

## English Major

### Professional Writing Emphasis-Liberal Arts: 36 Total Credits

#### Required Courses 24 credits

**ENGL 251** Advanced Composition 3 cr.

**ENGL 266** Business Writing 3 cr.

**ENGL 270** Visual Rhetoric: Document Design and Graphics 3 cr.

**ENGL 362** Introduction to Rhetorical Studies 3 cr.

**ENGL 367** Technical Writing 3 cr.

**ENGL 374** Cyberliteracy and Writing on the Web 3 cr.

**ENGL 387** Technical and Professional Editing 3 cr.

**ENGL 389** Special Topics: Writing Seminar in Professional Writing 3 cr.

#### Directed Electives in Writing: 9 credits, choose three

**ENGL 262** Creative Writing 3 cr.

ENGL 366 Advanced Technical Writing 3 cr.  
 ENGL 370 Writing Nonfiction 3 cr.  
 ENGL 371 Proposal Writing: Change Through Rhetoric 3 cr.  
 ENGL 372 Practicum: Peer Tutoring and Writing Instruction 3 cr.  
 ENGL 379 Internship 2-3 cr.  
 ENGL 389 Topics course in Rhetoric (Environmental Rhetoric, Contemporary Rhetoric) 3 cr.  
 JOUR 269 Multimedia Storytelling  
 JOUR 360 Opinion Writing 3 cr.  
 MARC 370 Public Relations Principles 3 cr.  
 ART 225 Advertising Design I 3 cr.

**Directed Electives in Language: 3 credits, choose one**

COMS 311 Persuasion 3 cr.  
 ENGL 320 Structure of English 3 cr.  
 ENGL 321 English Language: History and Culture 3 cr.  
 ENGL 324 Survey of American Lit. I, Origins to 1900 (writing intensive) 3 cr.  
 ENGL 325 Survey of American Lit. II, 1900-1980 (writing intensive) 3 cr.  
 ENGL 331 Survey of English Lit. I, to 1800 (writing intensive) 3 cr.  
 ENGL 332 Survey of English Lit. II, 1800-Present (writing intensive) 3 cr.

## Broad Area English Education Major

### Broad Area English Education Major: 63 Total Credits

**(6 credits can be double-counted in General Education)**

**1. Required Courses: 36 cr. hrs.**

ENGL 251 Advanced Composition 3 cr.  
 ENGL 253 Introduction to Literary Studies 3 cr.  
 ENGL 262 Creative Writing 3 cr.  
 ENGL 320 Structure of English 3 cr.  
 \*ENGL 324 Survey of American Lit. I, Origins to 1900 3 cr.  
 \*ENGL 325 Survey of American Lit. II, 1900-1980 3 cr.  
 \*ENGL 331 Survey of English Lit I, to 1800 3 cr.  
 \*ENGL 332 Survey of English Lit. II, 1800-Present 3 cr.  
 ENGL 335 Shakespeare 3 cr.  
 ENGL 355 Literature for Adolescents 3 cr.  
 ENGL 361 Composition Theory 3 cr.  
 ENGL 362 Introduction to Rhetorical Studies 3 cr.

**ENGL 441** Twentieth-Century International Literature 3 cr.

\*Three of the four survey courses must be taken. However, a student may choose a period course to replace one of the survey courses that covers the same time period as the American survey course, or an English period course that covers the same time period to replace one of the English survey courses. ENGL 444 Major Authors may also substitute for an appropriate period course (the author's era consistent with the survey course to be replaced).

*In place of English 324, students may take one of these courses:*

**ENGL 429** American Renaissance 3 cr.

**ENGL 430** American Realism 3 cr.

*In place of English 325, students may take one of these courses:*

**ENGL 431** Modern American Fiction 3 cr.

**ENGL 432** Contemporary American Literature 3 cr.

*In place of English 331, students may take this course:*

**ENGL 422** Elizabethan and Jacobean Drama 3 cr.

*In place of English 332, students may take one of these courses:*

**ENGL 426** Victorian Literature 3 cr.

**ENGL 427** Modern British Literature: 1890-1940 3 cr.

**ENGL 428** Modern British Literature: 1940-Present 3 cr.

## **2. Directed Elective: 3 cr. hrs.**

Take one of the period courses listed below:

**ENGL 422** Elizabethan and Jacobean Drama 3 cr.

**ENGL 423** 17th Century Prose & Poetry

**ENGL 426** Victorian Literature 3 cr.

**ENGL 427** Modern British Literature: 1890-1940 3 cr.

**ENGL 428** Modern British Literature: 1940-Present 3 cr.

**ENGL 429** American Renaissance 3 cr.

**ENGL 430** American Realism 3 cr.

**ENGL 431** Modern American Fiction 3 cr.

**ENGL 432** Contemporary American Literature 3 cr.

## **3. Select two supporting courses: 6 cr. hrs.**

**ENGL 266** Business Writing 3 cr.

**ENGL 311** Introduction to Linguistics 3 cr.

**ENGL 321** English Language: History and Culture 3 cr.

**ENGL 360** Theory and Methodology of TESOL 3 cr.

**ENGL 372** Practicum: Peer Tutoring and Writing Instruction  
or **ENGL 373** Techniques in Tutoring: TESOL Practicum 3 cr.

## **4. Select two Journalism/Marketing Communications/Professional Writing courses: 6 cr. hrs.**

Only one 100-level course can be taken in this category.

- ENGL 266 Business Writing 3 cr.
- ENGL 270 Visual Rhetoric 3 cr.
- ENGL 367 Technical Writing 3 cr.
- ENGL 368 Writing Poetry 3 cr.
- ENGL 369 Writing Fiction 3 cr.
- ENGL 370 Writing Non-Fiction 3 cr.
- ENGL 371 Proposal Writing 3 cr.
- ENGL 374 Cyberliteracy and Writing for the Web 3 cr. (EC)
- ENGL 387 Technical and Professional Editing 3 cr.
- ENGL 467 Advanced Technical Writing 3 cr.
- JOUR 101 Introduction to Mass Communication 3 cr.
- JOUR 110 Principles and Ethics of Journalism 6 cr.
- JOUR 221 Radio News Production 2 cr.
- JOUR 222 TV News Photography 3 cr.
- JOUR 201 Information Gathering 3 cr.
- JOUR 202 Print News Writing 3 cr.
- JOUR 203 Broadcast News Writing 3 cr.
- MARC 100 Writing for Mass Media 3 cr.

**5. Select two Speech or Theatre Arts courses: 6 cr.**

- COMS 106 Interpersonal Communication 3 cr.
- THEA 121 Acting I: Basic Techniques 3 cr.
- THEA 131 Design for Theatre 3 cr.
- DFT 151 Broadcast Performance I 3 cr.
- COMS 207 Listening Skills 3 cr.
- COMS 208 Problem Solving in Small Group Communication 3 cr.
- COMS 211 Public Speaking 3 cr.
- THEA 223 Oral Interpretation of Literature 3 cr.
- THEA 230 Playwrights of Color 3 cr. (ACD)
- THEA 231 Stage Technology and Scene Painting 3 cr.
- THEA 234 Stage Management 3 cr.
- THEA 334 Playwriting 3 cr.
- DFT 310 Media Literacy 3 cr.
- COMS 311 Persuasion 3 cr.
- COMS 312 Argumentation and Decision Making 3 cr.
- COMS 313 Intercultural Communication 3 cr.
- COMS 314 Introduction to Criticism 3 cr.
- COMS 319 Freedom to Speak 3 cr.
- THEA 337 History of Theatre and Dramatic Literature 3 cr.
- THEA 338 History of Theatre and Dramatic Literature: 18th Century to



the Present 3 cr.

**THEA 339** American Theatre 3 cr.

**DFT 340** Gender, Race, Ethnicity, and Class in Media 3 cr.

**ENGL 232** Contemporary Drama 3 cr.

**6. Select one Film Studies Course: 3 cr.**

**DFT 200/FILM 200** Introduction to Film Studies 3 cr.

**DFT 248/FILM 248** Cultures in Conflict 3 cr.

**ENGL 300/WGST 300/FILM 300** Women, Film and Society 3 cr.

**ENGL 301/DFT 301/FILM 301** History of Film 3 cr.

**ENGL 306/FILM 306** Postcolonial Film and Literature 3 cr. (MD,GP)

**ENGL 307/FILM 307** Ethnic Film, Literature, and Culture 3 cr.

(ACD,MD)

**ENGL 309/FILM 309** Film and Literature of the New Europe 3 cr. (g)

**ENGL 317/FILM 317** Modern East Asian Literature and Cinema 3 cr.

(g)

**ENGL 389** Topics in English: Shakespeare and Film 3 cr.

**ENGL 442/FILM 442/INTS 442** World Cinema 3 cr. (GP)

**JOUR 302** History of the Documentary 3 cr.

**7. Choose one Multicultural/International courses: 3 cr. hrs.**

Many of these courses can be double-counted as General Education or University requirements.

**ENGL 203** Literature of African Americans 3 cr. (ACD)

**ENGL 208** Literature of Native Americans 3 cr. (ACD)

**ENGL 212** Native American in Literature 3 cr. (ACD)

**ENGL 214** Women in Literature 3 cr.

**ENGL 228** Literature of Environmental Justice 3 cr. (EC)

**ENGL 230** International Short Story 3 cr. (GP, Non-Western)

**ENGL 232** Contemporary Drama 3 cr.

**ENGL 234** Modern Novels 3 cr. (GP, Non-Western)

**ENGL 235** American Autobiography 3 cr. (ACD)

**ENGL 300** Women and Film 3 cr. (MD)

**ENGL 306** Postcolonial Film and Literature 3 cr. (MD, GP, Non-Western)

**ENGL 307** Ethnic Film, Literature, and Culture 3 cr. (ACD,MD)

**ENGL 309/FILM 309** Film and Literature of the New Europe 3 cr. (g)

**ENGL 317/ENGL 442/FILM 442/INTS 442** World Cinema 3 cr. (GP)

**ENGL 443** American Ethnic Women Writers 3 cr. (ACD)

Note: English Education majors must take **TED 432**, Techniques of English Education, in addition to the above courses for English

licensure.

# UNIVERSITY OF WISCONSIN River Falls

## English Minor

### English Minor Liberal Arts: 24 cr. hrs.

**This minor has a Literature Emphasis.**

**Required courses: 18 cr. hrs.**

**ENGL 251** Advanced Composition 3 cr.

**ENGL 253** Introduction to Literary Studies 3 cr.

**ENGL 321** The English Language: History and Culture 3 cr.

**ENGL 335** Shakespeare 3 cr.

**Select one American survey course\***

**ENGL 324** Survey of American Literature I, Origins-1900 3 cr.

OR

**ENGL 325** Survey of American Literature II, 1900-1980 3 cr.

**Select one British survey course\***

**ENGL 331** Survey of English Literature I, 650-1800 3 cr.

OR

**ENGL 332** Survey of English Literature II, 1800-Present 3 cr.

\*One survey course must cover the period before 1800.

**Directed Electives: 6 cr. hrs.**

**Select one genre course: 3 cr. hrs.**

**ENGL 230** International Short Fiction 3 cr.

**ENGL 231** The Short Story 3 cr.

**ENGL 232** Contemporary Drama 3 cr.

**ENGL 233** Introduction to Poetry 3 cr.

**ENGL 234** Modern Novels 3 cr.

**ENGL 343** The Novel and Film Adaptations 3 cr.

**ENGL 344** Major Authors 3 cr.

**Select one period course, English, American or International: 3 cr. hrs.**

**ENGL 341** European Literature (19th Century) 3 cr.

**ENGL 422** Renaissance Drama 3 cr.

**ENGL 423** 17th Century Prose and Poetry 3 cr.

**ENGL 426** Victorian Literature 3 cr.

**ENGL 427** Modern British Literature: 1890-1940 3 cr.

**ENGL 428** Modern British Literature: 1940-Present 3 cr.

**ENGL 429** American Renaissance 3 cr.

**ENGL 430** American Realism 3 cr.

**ENGL 431** Modern American Fiction 3 cr.

**ENGL 432** Contemporary American Literature 3 cr.

## Department of English

245 Kleinpell Fine Arts  
715-425-3537

[www.uwrf.edu/ENGL/](http://www.uwrf.edu/ENGL/)

Marshall Toman-Chair, Jennifer Brantley, David Furniss, Greta Gaard, Kathleen Hunzer, Annette Klemp, Steven Luebke, Mialisa Moline, Michelle Parkinson, Vladimir Pavlov, Kenneth Price, Joseph Rein, Catherine Ross-Stroud, Elizabeth Schneider-Rebozo, Douglas Margolis

**ENGL 441** Twentieth-Century International Literature 3 cr.

## English Minor- Education

**You cannot have an English education minor with a liberal arts major--you must have a major in education.**

**Minor Requirements: English-Education 27 cr. hrs.**

**Required Courses: 18 cr. hrs.**

**ENGL 251** Advanced Composition 3 cr.

**ENGL 253** Introduction to Literary Studies 3 cr.

**ENGL 320** Structure of English 3 cr.

**ENGL 321** English Language: History and Culture 3 cr.

**ENGL 335** Shakespeare 3 cr.

**ENGL 361** Composition Theory 3 cr.

**Directed Electives: 12 cr. hrs.**

**A. Select ENGL 324** Survey of American Lit. I, Origins to 1900 3cr.

and one of the following for 6 cr. hrs:

**ENGL 331** Survey of English Lit. I, to 1800 3 cr.

**ENGL 332** Survey of English Lit. II, 1800-Present 3 cr.

**ENGL 422** Renaissance Drama 3 cr.

**ENGL 423** 17th Century Prose and Poetry 3 cr.

**ENGL 426** Victorian Literature 3 cr.

**ENGL 427** Modern British Literature: 1890-1940 3 cr.

**ENGL 428** Modern British Literature: 1940-Present 3 cr.

**OR**

**B. Select ENGL 331** Survey of English Lit. I, to 1800 3 cr.

and one of the following for 6 cr. hrs:

**ENGL 324** Survey of American Lit. I, Origins to 1900 3 cr.

**ENGL 325** Survey of American Lit. II, 1900-1980 3 cr.

**Supporting Course: 3 cr. hrs.**

**ENGL 355** Literature-Based Reading Methods for Adolescents 3 cr.

# UNIVERSITY OF WISCONSIN River Falls

## Environmental Science Major

### Environmental Science Major

#### Environmental Science Core 28 cr. hrs.

**ENGL 367** Technical Writing 3 cr.

**ESM 220** Environmental Sustainability: Theory, Issues, and Management 3 cr.

**ESM 305** Environmental Impact Assessment 2 cr.

**ESM 360** Applied Hydrology and Water Quality 4 cr.

**ESM 412** Chemical Fate and Transport in the Environment 3 cr.

**ESM 413** Environmental Analysis 4 cr.

**ESM 485** Seminar in Resource Management 1 cr.

**GEOL 102** Introductory Geology Lab 1 cr.

#### Choose one of the following:

**ESM 303** Environmental Policies and Administration 3 cr.

**BIOL 355** Environmental Law 3 cr.

**POLS 355** Environmental Law 3 cr.

#### Choose one of the following:

**MATH 226** Fundamentals of Statistics 3 cr.

**MATH 326** Applied Statistics 3 cr.

**ANSC 341** Biometrics 3 cr.

**GEOG 365** Quantitative Techniques for Geographers 3 cr.

#### Required Supporting Courses: 34-36 cr. hrs.

**MATH 166** Calculus 4 cr.

**CHEM 120** Introduction to General Chemistry 6 cr.

or **CHEM 121** General Chemistry I 5 cr.

**CHEM 122** General Chemistry II 5 cr.

#### Choose one of the following two chemistry lecture/lab series:

**A. CHEM 231** Organic Chemistry I 3 cr.

**CHEM 236** Organic Chemistry Lab I 1 cr.

**B. CHEM 250** Analytical Chemistry 4 cr.

#### Choose one of the following two physics series A. or B.:

**A. PHYS 151** General Physics I 4 cr.

**PHYS 156** General Physics Lab I 1 cr.

**B. PHYS 161** General Physics I 4 cr.

**PHYS 101** General Physics Lab I 1 cr.

#### Choose one of the following two courses:

**BIOL 210** General Botany 3 cr.

## General Education Requirements

College of Agriculture, Food and Environmental Science:

As listed with the following

exceptions:

Ethical Citizenship: **ESM 105**

required.

Sciences: **GEOL 101** and **BIOL 150**

required.

College of Arts and Sciences: As

listed.

### Foundation Courses in Agriculture 9 cr. hrs.

**SOIL 120** Introduction to Soil Science  
3 cr.

**ESM 151** Introduction to Land Use  
Theory and Practice 3 cr.

#### Select 1 from:

**AGEN 150** Agricultural and  
Environmental Engineering  
Technology 3 cr.

or **AGEC 230** Agricultural Economics  
I 3 cr.

**CROP 161** Introduction to Plant  
Science 3 cr.

or **HORT 161** Introduction to Plant  
Science

### OR College of Arts and Sciences Requirements: 9 cr. hrs.

**SOCI 245** Environmental Sociology 3  
cr.

**PHIL 303** Environmental Ethics 3 cr.

**ESM 307** Multicultural Perspectives

**BIOL 230** General Zoology 3 cr.

**Choose one of the following two courses:**

**BIOL 240** Cell and Molecular Biology 3 cr.

**BIOL 324** Microbiology 3 cr.

**Directed Electives: 18 cr. hrs.**

A minimum of 6 credits in 400 level or greater. Courses taken as part of the supporting requirement cannot be double counted as directed electives.

**SOIL 311, SOIL 325, SOIL 350, SOIL 440, SOIL 460** 3-4 cr.

**BIOL 210, BIOL 230, BIOL 240, BIOL 310, BIOL 324, BIOL 330, BIOL 344, BIOL 354, BIOL 360, BIOL 434, BIOL 444** 3-4 cr.

**GEOG 212, GEOG 250, GEOG 255, GEOG 316, GEOG 360, GEOG 368, GEOG 379, GEOG 412, GEOG 455, GEOG 460** 3-12 cr.

**PHYS 152, PHYS 157, PHYS 162, PHYS 102,**

**CHEM 231 and CHEM 236, CHEM 232 and CHEM 237, CHEM 250, CHEM 356** 1-3 cr.

**AGEN 325, AGEN 365, AGEN 425,**

**GENG 450** 3-4 cr.

**GEOL 269, GEOL 327, GEOL 330, GEOL 417, GEOL 445** 2-4 cr.

**ESM 270, ESM 333, ESM 363, ESM 370, ESM 377** 2-4 cr.

**AGEC 450** 3 cr.

on the Environment 3 cr.

## Department of Plant and Earth Science

**324 Agricultural Science**  
**715-425-3345**  
[www.uwrf.edu/PES/](http://www.uwrf.edu/PES/)

Donavon Taylor-Chair, William Anderson, Jarod Blades, Jill Coleman Wasik, Holly Dolliver, Terry Ferriss, Allison Gale, Veronica Justen, Kerry Keen, Eric Sanden, Brian Smith, Pamela Weller, Ian Williams, David Zlesak

The environmental science major is designed to prepare students to face challenges in environmental quality management and sustainable development. Environmental science majors are prepared to monitor, model and manage environmental systems in the areas of environmental quality and risk evaluation, sampling and analysis, remediation and regulatory compliance. Graduates pursue careers in environmental consulting firms, local, state and federal environmental agencies or corporations. Students with environmental research interests are also prepared to pursue advanced degrees.

The major is interdisciplinary within the College of Agriculture, Food and Environmental Sciences and the College of Arts and Sciences, and is administered by the department of plant and earth science. Departments contributing to the major include agricultural engineering technology,

biology, chemistry, geography,  
physics, and plant and earth science.  
Required foundation courses are in  
the College of Agriculture, Food and  
Environmental Sciences or in the  
College of Arts and Sciences.

# UNIVERSITY OF WISCONSIN River Falls

## Exercise and Sport Science Major

### Program Requirements

#### 34 Total Credits

#### Minor required (non-certifiable)

- EXSS 450 Sport, Fitness and Recreation Management 3 cr.
- EXSS 466 Exercise Assessment, Prescription and Leadership 1cr.
- EXSS 467 Exercise for Special Populations 3 cr.
- HEAL 263 Human Anatomy 3 cr.
- HEAL 315 Nutrition 3 cr.
- HEAL 366 Exercise Physiology 3 cr.
- P ED 161 Intro to Health and Human Performance 3 cr.
- P ED 245 Motor Development throughout Life 3 cr.
- P ED 354 Biomechanics 3 cr.
- P ED 375 Physical Activity Behavior 3 cr.
- P ED 461 Senior Seminar in Health and Human Performance 3 cr.
- P ED 465 Scientific Principles of Conditioning 2 cr.
- SFED 200 First Aid and Basic Life Support 1 cr.

#### Directed Electives: (Select 2 or more credits)

- HEAL 269 Wellness 3 cr.
- P ED 109 Recreational Climbing 1 cr.
- P ED 201 Outdoor Ed. Concepts: Summer 3 cr.
- P ED 202 Outdoor Ed. Concepts: Winter 3 cr.
- P ED 213 Care and Prevention of Athletic Injury 2 cr.
- P ED 301 Foundations of Outdoor Leadership 3 cr.
- P ED 351 Coaching Young Athletes 2 cr.
- P ED 363 Psychology of Coaching 3 cr.
- SOCI 230 Sociology of Sport and Leisure 3 cr.

#### Professional courses 14 cr. hrs.

- EXSS 271 Practicum I 1 cr.
- EXSS 471 PE Practicum II 4-12 cr.
- P ED 300 Adapted Physical Education 3 cr.
- PSYC 236 Developmental Psychology: Childhood and Adolescence 3 cr.
- PSYC 336 Developmental Psychology: Adulthood and Aging 3 cr.

### Department of Health and Human Performance

111 Karges Center  
715-425-3705  
[www.uwrf.edu/HHP/](http://www.uwrf.edu/HHP/)

Chair-Joe O'Kroy, Jeff Berkhof, Rob Confessore, Matt Ebner, Ken Ecker, Gary Eloranta, Patti Ford, Steve Freeman, Stacy Furness, James Gostomski, Cindy Holbrook, Faye Perkins, Robert Ritzer, Jodee Schaben, Paul Shirilla, Matt Walker, Jake Wissing



UNIVERSITY OF WISCONSIN **River Falls****Farm Management Minor****Farm Management Minor****Requirements, 24 Total Credits****Required courses:**

- AGEC 230 Agricultural Economics I 3 cr.
- AGEC 240 Cooperatives 2 cr.
- AGEC 305 Agricultural Business Accounting 3 cr.
- AGEC 355 Agricultural Markets and Prices 3 cr.
- AGEC 360 Farm Management 3 cr.
- AGEC 365 Agricultural Finance 3 cr.
- AGEC 440 Agricultural Policy I (writing intensive) 3 cr.
- AGEC 455 Commodity Marketing 3 cr.

**Department of  
Agricultural  
Economics (AGEC)**

131 Agricultural Science  
715-425-3298  
[www.uwrf.edu/AGEC/](http://www.uwrf.edu/AGEC/)

David Trechter-Chair, Brenda Boetel,  
Sierra Howry, Todd Hubbs, Amber  
Remble, Stanley Schraufnagel, Jim  
White

Adjunct Faculty-Juliet Tomkins

# UNIVERSITY OF WISCONSIN River Falls

## Film Studies Minor

### Film Studies Minor: 24 Total Credits

#### Required Courses: 6 cr. hrs.

**FILM 200** Introduction to Film Studies 3 cr.

(Co-listed as **DFT 200**)

**FILM 301** History of Film 3 cr.

(Co-listed as **DFT 301**, **ENGL 301**, **HIST 301**, or **JOUR 301**)

#### Directed Electives: 18 cr. hrs.

**FILM 248** Cultures in Conflict 3 cr.

(Co-listed as **DFT 248**)

**FILM 300** Women in Film 3 cr.

(Co-listed as **ENGL 300/WGST 300**)

**FILM 302** History of Documentary 3 cr.

(Co-listed as **JOUR 302**)

**FILM 305** News in the Movies 3 cr.

(Co-listed as **JOUR 305**)

**FILM 306** Postcolonial Film and Literature (g) 3 cr.

(Co-listed as **ENGL 306**)

**FILM 307** Ethnic Film, Literature and Culture (d) 3 cr.

(Co-listed as **ENGL 307**)

**FILM 309** Film and Literature of the New Europe (g) 3 cr.

(Co-listed as **ENGL 309**)

**FILM 310** Sociology Through Film 3 cr.

(Co-listed as **SOCI 310**)

**FILM 315** German Classic and Modern Film 3 cr.

(Co-listed as **MODL 315**)

**FILM 316** History of French Film (g) 3 cr.

(co-listed as **FREN 316**)

**FILM 317** Modern East Asian Literature and Cinema (g) 3 cr

(Co-listed as **ENGL 317**)

**FILM 343** The Novel and Film Adaptations 3 cr.

(Co-listed as **ENGL 343**)

**FILM 389** Special Topics 3 cr.

(Co-listed HIST/JOUR/MUS/SOCI, which offer individual courses)

**FILM 402** History in Film 3 cr.

(Co-listed as **HIST 402**)

### Interdisciplinary

**Communication Studies  
and Theatre Arts**  
**B24 Kleinpell Fine Arts**  
**715-425-3971**

Film Studies is an interdisciplinary minor offered by the Department of Communication Studies and Theatre Arts. Film Studies examines film as an art form, as an industry and as the most popular and most influential communication medium of the twentieth century. Film Studies provides an interdisciplinary approach to visual literacy as it introduces students to film history, theory, criticism, and production.

**FILM 442** World Cinema (g) 3 cr.

(Co-listed as **ENGL 442**)

**FILM 495** Independent Study 1-3 cr.

**FILM 499** Directed Project in Film 3 cr.

# UNIVERSITY OF WISCONSIN River Falls

## Finance

### Business Administration Major-Finance

#### Lower Division 21 cr. hrs.

- ECON 201** Principles of Microeconomics 3 cr.  
**ECON 202** Principles of Macroeconomics 3 cr.  
**ACCT 231** Principles of Accounting I 3 cr.  
**ACCT 232** Principles of Accounting II 3 cr.  
**CSIS 215** Information Systems for Business Management 3 cr.  
**ECON 226** Introduction to Statistics 3 cr.  
 or **MATH 226** Fundamentals of Statistics  
**BLAW 265** Business Law I 3 cr.

#### Upper Division 18 cr. hrs.

- MNGT 300** Management and Organizational Behavior 3 cr.  
**MKTG 310** Principles of Marketing 3 cr.  
**FINC 345** Managerial Finance 3 cr.  
**ECON 326** Statistical Methods for Economics and Business 3 cr.  
**MNGT 361** Operations Management 3 cr.  
**MNGT 485** Strategic Management 3 cr.

#### Required Finance Courses 12 cr. hrs.

- FINC 347** Financial Institutions 3 cr.  
**FINC 348** Investments 3 cr.  
**FINC 446** Intermediate Managerial Finance 3 cr.  
**FINC 450** Case Studies in Finance 3 cr.

#### Finance Electives: 9 cr. hrs.

Choose from:

- FINC 314** Risk Management and Insurance 3 cr.  
**FINC 350** Real Estate 3 cr.  
**FINC 355** Multinational Financial Management 3 cr.  
**FINC 360** Financial Derivatives 3 cr.  
**FINC 379** Internship-Finance 3 cr.  
**FINC 389** Special Topics in Finance 3 cr.  
**FINC 448** Portfolio Management 3 cr.

#### Support Electives: 9 cr. hrs.

Choose 9 credits from any of following courses:

### Department of Accounting and Finance

124 South Hall  
715-425-3335  
[www.uwrf.edu/CBE](http://www.uwrf.edu/CBE)

Charles Corcoran-Chair, Ali Dalkilic,  
Dawn Hukai, June Li, Carl Popelka,  
Reza Rahgozar, Megan Sun, Mary  
Tichich, Ellen Schultz-Academic  
Advisor.

The vision of the College of Business and Economics is to be a community of choice and the regional leader in the acquisition, study, application and sharing of business, economics and information technology knowledge. Consistent with this vision, the college is accredited by the Association to Advance Collegiate Schools of Business (AACSB) International.

The finance curriculum is designed to prepare students for successful careers in corporate finance, financial institutions and services, and for graduate study. For example, finance graduates secure jobs in banking, insurance, real estate, the investment industry, financial planning, and risk management.

### Admission Requirements

1. For all majors in the College of Business and Economics (CBE):

Accounting: **ACCT 321, 322, 360, 356, 357, 461**  
Agricultural Economics: **AGEC 355, 455**  
Communication Studies and Theatre Arts: **COMS 213, 318**  
Economics: **ECON 305, 340**  
English: **ENGL 266, 367**  
Mathematics (Actuary): **MATH 166, 167, 356, 371**  
Management: **MNGT 320, 330, 355, 430**  
Marketing: **MKTG 312, 325, 365**  
Philosophy: **PHIL 304**  
Psychology: **PSYC 265, 320**

**Required Supporting Courses: 7 - 8 cr. hrs.**

- A. **CBE 100** Orientation to CBE 0.5 cr.  
**CBE 300** Professional Development 0.5 cr.  
B. **COMS 116** Business and Professional Communication 3 cr.  
(waived if taken as Gen Ed)  
or **ENGL 266** Business Writing 3 cr.  
C. **ECON 205** Quantitative Analysis 3 cr.  
or **MATH 156** Calculus for Business and Social Sciences 3 cr.  
or **MATH 166** Calculus I 4 cr.

**General Education Requirements 38 cr. hrs.**

**General Electives to reach 120 credits (minimum to graduate)**

Undergraduate Business Administration students may not transfer more than six credits of 300/400 level courses from non-AACSB accredited programs and institutions into the major.

Completion of at least 27 required general education credits with a minimum GPA of 2.25.

2. Additionally, the following must be completed, or in progress for completion, during the semester preceding admission:

GPA of 2.50 in **ACCT 231, ACCT 232; CBE 100; ECON 201, ECON 202; CSIS 215; ECON 205 or MATH 156 or MATH 166; ECON 226 or MATH 226; COMS 116 or ENGL 266.**

# UNIVERSITY OF WISCONSIN River Falls

## Fine Arts, MSE

### Important Notice

The UW-River Falls College of Education and Professional Studies and the Graduate Council are no longer accepting applications for the MSE-Secondary Education, Fine Arts Program.

Current students must complete their program of study by **December 2014**. If you have questions, please contact your adviser.

## Degree Requirements

**Interdisciplinary Fine Arts courses**, 9 credits:

**ART 760** Creativity: Theory and Practice, 3 credits

**ART 770** Arts Education in a Changing Environment, 3 credits

**ART 780** Arts in Society, 3 credits

**Content Areas**, 9-12 credits:

Select courses from the disciplines of art, music, theater and dance in consultation with advisor.

Examples of courses include:

- **Art:** glass, ceramics, drawing, painting, printmaking, photography, art therapy, special topics
- **Music:** music and computer applications, national standards and the curriculum, world music, conducting, history of jazz
- **Theatre:** arts management, performance, design and technology

**Professional Education**, 6 credits:

**TED 760** Methods of Research, 3 credits

**plus choose one of the following:**

**TED 740** Historical/Philosophical/Multicultural Foundations of American Education, 4 credits

**TED 750** Advanced Educational Psychology, 3 credits

**TED 755** Social Issues in Education, 3 credits

**Thesis Project Research, 3 credits**

Select from:

**ART 798** Independent Research, 1-3 credits

**MUS 798** Independent Research, 1-3 credits

**COMS 798** Independent Research, 1-3 credits

The program is on a three-year summer cycle with a recommended load of nine credits per summer. One-credit application units are also available: research conducted during the school year under the guidance of faculty members.

Completion of a certification portfolio as specified by the **Wisconsin Department of Public Instruction**.

# UNIVERSITY OF WISCONSIN River Falls

## Food Science Minor

### Food Science Minor: 22 Total Credits

**Required Courses: 11-13 cr. hrs.**

**FDSC 110** Science of Food 3 cr.

**FDSC 113** Intro Food Science Lab 1cr.

**Choose one of the following three courses:**

**FDSC 202** Dairy Manufacturing I

or **FDSC 238** Meat and Meat Products

or **FDSC 259** Cereal Technology 3 cr.

**Choose one of the following:**

**FDSC 240** Meat Product Processing 3 cr

**FDSC 302** Dairy Manufacturing II 3 cr.

**FDSC 312** and 313 Food Processing and Lab 5 cr.

**Choose one of the following:**

**FDSC 385** Seminar in Food Science 1 cr.

**FDSC 485** Seminar in Food Science 1 cr.

**Food Science electives (6 credits must be 300 or above) 9-11 cr. hrs.**

All remaining FDSC courses

**BIOL 324** Microbiology 4 cr.

**CHEM 355** Separations

**AGBI 251** and **AGBI 252** Agricultural Biochemistry and Lab or **CHEM 361**

Biochemistry I

**AGEN 455** Food and Process Engineering II

## Department of Animal and Food Science

**247 Agricultural Science**

**715-425-3704**

[www.uwrf.edu/ANFS/](http://www.uwrf.edu/ANFS/)

Gary Onan-Chair, Larry Baumann,  
Perry Clark, Dennis Cooper, Kari  
Ekenstedt, Michelle Farner, Kristina  
Hiney, Sylvia Kehoe, Steve Kelm,  
Justin Luther, Nathan O'Connor, Amy  
Radunz, Peter Rayne, Kurt Vogel,  
Bonnie Walters, Steve Watters



# UNIVERSITY OF WISCONSIN River Falls

## French Minor

### French Minor

**French Minor: 22 Total Credits**

**French Minor-Liberal Arts Required Courses: 19 cr. hrs.**

**FREN 102** Beginning French II 4

**FREN 201** Intermediate French I 3

**FREN 202** Intermediate French II 3

**FREN 301** Conversation and Composition I 3

**FREN 302** Conversation and Composition II 3

**FREN 401** Advanced French Communication 3

**Directed Electives: 3 cr. hrs.**

**Select 3 credits from:**

**FREN 316** French Cinema 3

**FREN 341** French Civilization 3

**FREN 342** Modern French and Francophone Cultures 3

**FREN 351** Survey of French Literature to 1800 3

**FREN 352** Survey of French Literature 1800 to Present 3

**MODL 379** Internship in Modern Language 2-3

### French Minor-Education

**Complete French Minor Liberal Arts program**

(must include **FREN 341** or **FREN 342**)

**Required courses not part of minor: 6 cr. hrs.**

**FREN 350** French Phonetics 3

**TED 437** Techniques of Middle/Secondary Education: Modern Language 2

**TED 448** Techniques of Elementary Education: Modern Language

### Department of Modern Language

284 Kleinpell Fine Arts

715-425-3121

[www.uwrf.edu/MODL/](http://www.uwrf.edu/MODL/)

Kristine Butler-Chair, Cecilia

Bustamante, Marina Calas,

Juan-Carlos Chaves, Sharon

Gerlach, Terrence Mannerter,

Rebecca Raham, Judy Wyatt-Schlei,

Julie Kovacic, Lisa Showers, Magara

Maeda, Wen Zhang

# UNIVERSITY OF WISCONSIN River Falls

## General Education Requirements

For a full description of the Goals and Objectives including revisions, refer to the [Faculty Senate General Education Goals, Criteria and Outcomes](#).

### Approved Courses

**GOAL ONE: COMMUNICATE EFFECTIVELY:** Students will demonstrate the ability to read, write, speak, and listen effectively.

#### **CW (Communication - Reading and Writing) - select one course**

- **ENGL 100** Academic Reading and Writing (3)
- **ENGL 101** Freshman English for International Students I (3)

#### **CS (Communication - Speaking and Listening) - select one course**

- **CHIN 101** Beginning Chinese I (4)
- **FREN 101** Beginning French I (4)
- **GERM 101** Beginning German I (4)
- **JAPN 101** Beginning Japanese I (4)
- **SPAN 101** Beginning Spanish I (4)
- **COMS 101** Fundamentals of Oral Communication (3)
- **COMS 116** Business and Professional Communication (3)

#### **CA (Advanced Communication) - select one course**

- **ENGL 200** Investigating Ideas: Reading, Writing, & the Disciplines (3)
- **ENGL 201** Freshman English for International Students II (3)

**GOAL TWO: DEMONSTRATE KNOWLEDGE OF PAST AND PRESENT HUMAN ENDEAVOR:** Describe the diverse ways of thinking that underlie the search for knowledge in the arts, humanities, and social sciences.

**SB (Social and Behavioral Sciences) - select two courses** (*Courses taken under both SB and HF designators must be from different disciplinary prefixes*)

- **ANTH 100** Introduction to Anthropology (3)
- **ECON 100** Modern Economics (3)

## UWRF General Education Mission Statement

The purpose of the UWRF General Education program is to facilitate the acquisition and integration of knowledge, abilities, and ethics in order to form a foundation for lifelong learning.

The interdisciplinary foundation includes the ability to communicate effectively; to demonstrate knowledge of past and present human endeavor; apply scientific principles to the human and natural world; engage in multidisciplinary inquiry; and to evaluate individual responsibility to self, society, and the world.

To accomplish this mission there are five goals with one to three designators to each of the goals, with a certain number of credits attached. The goals are outlined below with the approved courses.

The total number of credits needed to complete the general education program is 38.

Courses that are listed in two designations will only count in one area. (e.g. ART/PHIL 310 is listed as being approved as HF and MD, however it will only count in one area, either HF or MD).

- **ECON 150** International Economics Issues (3)
- **ESM 107** Planning for a Sustainable Society (3)
- **GEOG 120** Human Geography (3)
- **HIST 100** Defining Themes in U.S. History (3)
- **HIST 101** Origins of Civilization (3)
- **HIST 102** History of the Modern World, 1500-Present (3)
- **HIST 201** Introduction to Asian Civilization (3)
- **HIST 333** Silk, Spices, and Silver: The Making of the Global Exchange System to 1700 (g) (3)
- **HIST 336** Traditional East Asia, Prehistory-1800 (g) (3)
- **INTS 200** Introduction to International Studies (g) (3)
- **MNGT 250** Global Business & Society (3)
- **POLS 110** Controversies in Politics (3)
- **POLS 114** American Government and Politics (3)
- **POLS 220/JOUR 220** Introduction to Public Opinion and Political Behavior (3)
- **POLS 245** Introduction to Comparative Politics (3)
- **POLS 260** Introduction to International Relations (3)
- **PSYC 101** General Psychology (3)
- **SOCI 100** Introduction to Sociology (3)

*(No general education class can double count as a requirement in a first major. But a general education course can be counted as a 'required supporting course' in the major. Up to two courses (generally 6 credits) can be double counted as credits towards a minor, a second major or a broad area or comprehensive major.)*

**HF (Humanities and Fine Arts) – select two courses** *(Courses taken under both SB and HF designators must be from different disciplinary prefixes)*

- **ART 100** Introduction to Art (3)
- **ENGL 105** Literature and Human Experience (3)
- **ENGL 106** Literature: Introduction to Fiction, Poetry, and Drama (3)
- **ENGL 107** Heroes in Literature (3)
- **ENGL 108** Power, Money and Business in Literature (3)
- **ENGL 215/WGST 215** LGBTQ Literature (3)
- **DANC 100** History/Appreciation of Dance (3)
- **HUM 311** Arts and Ideas I (3)
- **HUM 312** Arts and Ideas II (3)
- **MUS 100** Understanding Music (3)
- **MUS 234** Music History and Literature I (4)
- **PHIL 151** Living Issues in Philosophy (3)
- **PHIL 201** Human Nature, Ethics and the Natural World (3)
- **PHIL 221** Ancient Philosophy (3)
- **PHIL 240** Social Ethics (3)
- **PHIL 310/ART 310** Philosophy and History of Visual Art (3)
- **PHIL 323** Science and the Philosophers of the Age of the Enlightenment

(3)

- **POLS 230** Introduction to Political Philosophy and Ideology (3)
- **POLS 318/PHIL 318** Religion and Politics (3)
- **THEA 105** Introduction to Theater and Drama (3)
- **DFT 200/FILM 200** Introduction to Film Studies (3)

**GOAL THREE: APPLY SCIENTIFIC PRINCIPLES TO THE NATURAL WORLD:** Students will demonstrate knowledge of the principles and methods of quantitative and qualitative scientific reasoning.

**M (Mathematics) - select one course**

- **MATH 126** Activities in Math (3)
- **MATH 146** College Algebra (3)
- **MATH 147** Algebra and Trigonometry (3)
- **MATH 149** Pre-Calculus (4)
- **MATH 156** Calculus for Business (3)
- **MATH 166** Calculus for Science and Math (4)
- **MATH 216** Elementary Statistical Concepts (3)
- **MATH 226** Fundamentals of Statistics (3)
- **MATH 246** Math for Elementary Teachers I (4)
- **PSYC 201** Behavioral Statistics (3)
- **TED 323** Content and Techniques of K-3 Mathematics I (3)

**SL (Scientific Investigation) - select one course (but can take two courses and skip S)** (*The courses taken under the SL and S designators must be from different disciplinary prefixes*)

- **BIOL 100** Introduction to Biology (3)
- **BIOL 150** General Biology (3)
- **BIOL 160** General Biology-Freshman Research Focus (3)
- **CHEM 101** Elementary Principles of Chemistry (3)
- **CHEM 120** Introduction to General Chemistry (6)
- **CHEM 121** General Chemistry I (5)
- **CHEM 130** Introduction to Organic Chemistry (5)
- **GEOL 102\*** Intro to Geology, Laboratory (1)
- **GEOL 115** Oceanography (3)
- **PHYS 121** Algebra-based Physics I (5)
- **PHYS 131** Calculus-Based Physics I (5)
- **PHYS 166\*** General Physics Laboratory I (1)
- **PHYS 156\*** General Physics Laboratory I (1)

*\*these classes must be taken with the corresponding lecture class and*

*change the designator from S to SL*

**S (Sciences) – select at least one course (if only taking one SL course)**

*(The courses taken under the SL and S designators must be from different disciplinary prefixes)*

- **BIOL 101** Concepts in Biology (3)
- **BIOL 103** Fundamentals of Biological Evolution (3)
- **CHEM 100** Modern Alchemy (3)
- **CHEM 115** Concepts in General Chemistry (3)
- **FDSC 110** The Science of Food (3)
- **GEOG 110** Physical Environment: Patterns and Systems (3)
- **GEOL 101** Introduction to Geology (3)
- **PHYS 114** Basic Physics (3)
- **PHYS 117** Astronomy (3)
- **PHYS 151** General Physics I (4)
- **PHYS 161** General Physics I (4)

**GOAL FOUR: ENGAGE IN MULTIDISCIPLINARY INQUIRY:** Students will analyze questions and issues from multidisciplinary perspectives.

**MD (Multidisciplinary Inquiry) - select one course**

- **AFES 492** Experiential Learning in Agriculture (3)
- **ART 392** Pre-Columbian Art of Mesoamerica (3)
- **BIOL 308** HIV/AIDS: Science and Society (g) (3)
- **CHEM 300** Sustainable Practices and Environmental Health (3)
- **ECON 312** Political Economy of Discrimination (d) (3)
- **ENGL 385/HIST 385/GEOG 385** Seminar: The American Frontier (3)
- **EXC 310** China: From Ancient Culture to Modern Global Force (3)
- **ENGL 300/FILM 300/WGST 300** Women in Film and Society (3)
- **ENGL 306** Postcolonial Literature and Film (g) (3)
- **ENGL 307/FILM 307** Ethnic Film, Literature, and Culture (d) (3)
- **ENGL 317/FILM 317** Modern East Asian Literature and Cinema (g) (3)
- **ESM 300/BIOL 300/GEOG 300** Environmental Education (3)
- **FILM 402/HIST 402** History in Film (3)
- **GEOG 324** Historical Geography of the United States (3)
- **GEOG 428/POLS 428** Political Geography (3)
- **GEOL 350** Geological Destinies of Nations (g) (3)
- **HIST 334** Modern China 1800 to Present (3)
- **HIST 382** Italy: Art and Culture (g) (3)

- **HIST 333** Silk, Spices, and Silver: The Making of the Global Exchange System to 1700 (g) (3)
- **HIST 336** Traditional East Asia, Prehistory-1800 (g) (3)
- **HIST 368** Social Movements in United States History (3)
- **HUM 300** Multidisciplinary Human Perspectives (3)
- **HUM 305** Human-Animal Studies (3)
- **HUM 311** Arts & Ideas I (3)
- **HUM 312** Arts & Ideas II (3)
- **INTS 365** Contemporary Europe (g) (3)
- **INTS 377** Semester Abroad Europe (g) (6)
- **MDIS 396/SOCI 396**SOCI 396 Social Science Perspectives (3)
- **PHIL 301** Environmental Ethics, Liberalism, and Capitalism (3)
- **PHIL 310/ART 310** Philosophy and History of Visual Art (3)
- **PHIL 323** Science and the Philosophers of the Age of the Enlightenment (3)
- **PHIL 345** God, Religion, and Science (3)
- **PHYS 350** Science and Art (3)
- **POLS 359** Criminal Justice Policy (3)
- **POLS 371/INTS 371** German Politics (g) (3)
- **POLS 372/INTS 372** The Politics Scotland (g) (3)
- **SOCI 328** Perspectives on Race Relation (3)
- **SOCI 341** Sociology of Later Life (3)
- **SOCI 395/ANTH 395** Belize Study Tour (3)
- **TED 327** Australia: An Integrated Cultural Study (g) (3)
- **TED 422** Reading in the Content Area (3)
- **WGST 320** Gender Issues in Science (g) (3)
- **WGST 350** Introduction to Lesbian, Gay, Bisexual, Transgender and Queer Studies (3)
- **WIS 310** Scotland: Heritage and Culture (3)

**GOAL FIVE: EVALUATE INDIVIDUAL RESPONSIBILITY TO SELF, SOCIETY, AND THE WORLD:** Students will make and defend judgments with respect to individual conduct and well being, citizenship, and stewardship of the environment.

**HW (Personal Health and Wellness) - select 3 courses**

- **P E 108** Health and Fitness for Life (required) (1)
- **HEAL 269** Wellness (3)
- PE 2 activity courses (select two activity courses) (.5 credit)

**EC (Ethical Citizenship) – select one course**

- **ANSC 115** Animal Welfare (3)
- **CRIM 130** Introduction to Crime, Law, and Society (3)
- **CSIS 120** Technology and Cyberspace: Ethics and Issues (3)
- **ENGL 205** Literature of War:Culture and Ethics (3)
- **ENGL 228** Literature of Environmental Justice (3)
- **ENGL 230** International Short Story (3)
- **ENGL 310** U.S. Environmental Literature (3)
- **ENGL 313** The Rhetorical Narrative of (Dis)ability (3)
- **ENGL 374** Cyberliteracy and Writing on the Web (3)
- **ESM 105** Introduction to Environmental Studies (3)
- **FINC 210** Personal Finance (3)
- **GEOL 269** Environmental Geology (3)
- **JOUR 101** Introduction to Mass Communication (3)
- **MNGT 250** Global Business and Society (3)
- **PHIL 201** Human Nature, Ethics and the Natural World (3)
- **PHIL 220** Bioethics (3)
- **PHIL 224** Existentialism (3)
- **PHIL 304** Business Ethics (3)
- **PLSC 120** Plants and Society (3)
- **POLS 114** American Government and Politics (3)
- **POLS 230** Introduction to Political Philosophy and Ideology (3)
- **SOWK 150** Introduction to Social Work (3)
- **TED 326** Place-Based Science for Early Childhood Educators (3)
- **THEA 110** Sustainability from the Perspective of the Arts (3)

# UNIVERSITY OF WISCONSIN River Falls

## General Science Minor

### General Science Minor 30 Total Credits

Select 12 credits from one area and 6 credits from each of the remaining three areas:

**Biology 6-12 cr. hrs.**

BIOL 150 General Biology 3 cr.

BIOL 210 General Botany 3 cr.

BIOL 230 General Zoology 3 cr.

BIOL 253 Human Biology 3 cr.

**Chemistry 6-12 cr. hrs.**

CHEM 101 Elementary Principles of Chemistry 3 cr.

CHEM 200 Chemistry and the Environment 3 cr.

CHEM 220 Chemistry of Life 3 cr.

CHEM 230 General Organic Chemistry 3 cr.

**Geology 6-12 cr. hrs.**

GEOL 101 Introductory Geology 3 cr.

GEOL 102 Introductory Geology Lab 1 cr.

GEOL 150 Historical Geology 4 cr.

GEOL 202 Oceanography 3 cr.

GEOL 269 Environmental Geology 2 cr.

GEOL 305 Geology of the Planets 2 cr.

GEOL 330 Meteorology 2 cr.

**Physics 6-12 cr. hrs.**

PHYS 114 Conceptual Physics 3 cr.

PHYS 117 Introductory Astronomy 3 cr.

PHYS 220 The Science of Light 4 cr.

PHYS 318 Astrophysics 3 cr.

PHYS 321 The Science of Sound 2 cr.

### Science, General Interdisciplinary Program

123 Centennial Science  
Hall  
715-425-3560

Eileen Korenic—Coordinator

### General Science Minor for Elementary Science Teachers

Up to two of these courses may be double counted in the General Education program, depending on your specific course of study. When planning your course selection, be sure to consider the prerequisites for upper level courses. Higher level courses may be substitute on a case-by-case basis; contact the coordinator.



# UNIVERSITY OF WISCONSIN River Falls

## Geography Major

### Geography Major - Liberal Arts: 37 Total Credits

(without a GIS/Cartography Minor)

**Required Core Courses: 19 cr. hrs.**

- GEOG 110 Physical Environment: Patterns and Systems 3 cr.
- GEOG 111 Lab for Physical Environment: Patterns and Systems 1 cr.
- GEOG 120 Human Geography 3 cr.
- GEOG 240 United States 3 cr.
- GEOG 250 Introduction to Geographic Information Science (GISci) 3 cr.
- GEOG 365 Quantitative Techniques for Geographers 3 cr.
- GEOG 401 Senior Colloquium in Geography 3 cr.

**Directed Electives 6 cr. hrs.**

**Regional Course - Choose 3 credits from the following:**

- GEOG 241 Wisconsin 3 cr.
- GEOG 242 Canada 3 cr.
- GEOG 340 Europe 3 cr.
- GEOG 342 Latin America 3 cr.
- GEOG 343 Africa 3 cr.
- GEOG 344 Asia and Oceania 3 cr.

**Systematic Course - Choose 3 credits from the following:**

- GEOG 212 Weather and Climate 3 cr.
- GEOG 213 Landforms of North America 3 cr.
- GEOG 214 World Patterns of Plants and Animals 3 cr.
- GEOG 220 Economic Geography 3 cr.
- GEOG 237 Poverty in the United States 3 cr.
- GEOG 316 The Physical Environment of Urban Areas 3 cr.
- GEOG 324 Historical Geography of the United States 3 cr.
- GEOG 351 Map Design 3 cr.
- GEOG 360 Geographic Information Systems: Theory and Methods 3 cr.
- GEOG 366 Field Methods & GPS 3 cr.
- GEOG 368 Digital Image Processing 3 cr.
- GEOG 378 Semester Abroad 3-6 cr.
- GEOG 379 Geography Internship 3-12 cr.
- GEOG 385 Interdisciplinary Seminar on the American Frontier 3 cr.
- GEOG 389 Topics in Geography .5-3 cr.
- GEOG 412 Advanced Climatology 3 cr.

### General Education Requirements

BA and BS Liberal Arts majors as listed.

BS Education majors as listed.

### Department of Geography and Mapping Sciences

344 Kleinpell Fine Arts  
715-425-3264  
[www.uwrf.edu/GEOG/](http://www.uwrf.edu/GEOG/)

John Heppen-Chair, Ruth Baker,  
Mathew Dooley, Charles Rader,  
Matthew Millett

Geography is a discipline that seeks to understand the world and the interrelationships between humans and their environment. Geographers use data from many sources, analytical techniques, and Geographic Information Systems (GIS) to study and map the changing natural and human landscapes from local to global scales. Geographers approach the world with a multidisciplinary perspective that integrates knowledge from the social and natural sciences. Students can tailor their plan of study to focus on human geography, physical geography, or Geographic Information Science. The department offers a GIS/Cartography minor that covers GIS theory, applications, and map

**GEOG 428** Political Geography 3 cr.

**GEOG 455** Advanced Map Design 3 cr.

**GEOG 460** Geographic Information Systems: Analysis and Modeling 3 cr.

**GEOG 490** Readings in Geography 1-3 cr.

**GEOG 499** Independent Study 1-2 cr.

**Electives: 12 cr. hrs.**

Must be numbered 200 and above with at least one numbered 400 or above, see courses listed in Directed Electives above.

## Geography Major - Liberal Arts with a GIS Cartography Minor

### Major Requirements 37 Total Credits

**Required Core Courses: 16 cr. hrs.**

**GEOG 110** Physical Environment: Patterns and Systems 3 cr.

**GEOG 111** Lab for Physical Environment: Patterns and Systems 1 cr.

**GEOG 120** Human Geography 3 cr.

**GEOG 240** United States 3 cr.

**GEOG 365** Quantitative Techniques in Geography & Cartography 3 cr.

**GEOG 401** Senior Colloquium in Geography 3 cr.

**Directed Electives 6 cr. hrs.**

**Regional Course - Choose 3 credits from the following:**

**GEOG 241** Wisconsin 3 cr.

**GEOG 242** Canada 3 cr.

**GEOG 340** Europe 3 cr.

**GEOG 342** Latin America 3 cr.

**GEOG 343** Africa 3 cr.

**GEOG 344** Asia and Oceania 3 cr.

**Systematic Course - Choose 3 credits from the following:**

**GEOG 212** Weather and Climate 3 cr.

**GEOG 213** Landforms of North America 3 cr.

**GEOG 214** World Patterns of Plants and Animals 3 cr.

**GEOG 220** Economic Geography 3 cr.

**GEOG 237** Poverty in the United States 3 cr.

**GEOG 316** The Physical Environment of Urban Areas 3 cr.

**GEOG 324** Historical Geography of the United States 3 cr.

**GEOG 351** Map Design 3 cr.

**GEOG 360** Geographic Information Systems: Theory and Methods 3 cr.

**GEOG 366** Field Methods & GPS 3 cr.

**GEOG 368** Digital Image Processing 3 cr.

design. Courses are taught in a state-of-the-art GIS laboratory. Geography majors and minors are prepared to pursue advanced degrees and careers in government, consulting, planning, travel, industry, geographic analysis, and map design.

**GEOG 378** Semester Abroad 3-6 cr.

**GEOG 379** Geography Internship 3-12 cr.

**GEOG 385** Interdisciplinary Seminar on the American Frontier 3 cr.

**GEOG 389** Topics in Geography .5-3 cr.

**GEOG 412** Advanced Climatology 3 cr.

**GEOG 428** Political Geography 3 cr.

**GEOG 455** Advanced Map Design 3 cr.

**GEOG 460** Geographic Information Systems: Analysis and Modeling 3 cr.

**GEOG 490** Readings in Geography 1-3 cr.

**GEOG 499** Independent Study 1-2 cr.

**Electives: 15 cr. hrs.**

Must be numbered 200 and above with at least one numbered 400 or above, see courses listed in Directed Electives above.

# UNIVERSITY OF WISCONSIN River Falls

## Geography Minor

### Geography Minor - Liberal Arts: 22 Total Credits

**Required Core Courses: 13 cr. hrs.**

**GEOG 110** Physical Environment: Patterns and Systems 3 cr.

**GEOG 111** Lab for Physical Environment: Patterns and Systems 1 cr.

**GEOG 120** Human Geography 3 cr.

**GEOG 240** United States 3 cr.

**GEOG 250** Introduction to Geographic Information Science (GISci) 3 cr.

**Electives: 9 cr. hrs.**

(Courses numbered 200 and above)

### Geography Minor - Elementary and Secondary Education: 22 Total Credits

**Required Core Courses: 16 cr. hrs.**

**GEOG 110** Physical Environment: Patterns and Systems 3 cr.

**GEOG 111** Lab for Physical Environment: Patterns and Systems 1 cr.

**GEOG 120** Human Geography 3 cr.

**GEOG 240** United States 3 cr.

**GEOG 241** Wisconsin 3 cr.

**GEOG 250** Introduction to Geographic Information Science (GISci) 3 cr.

**General Electives: 6 cr. hrs.**

(Courses numbered 200 and above)

### Department of Geography and Mapping Sciences

344 Kleinpell Fine Arts  
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John Heppen-Chair, Ruth Baker,  
Mathew Dooley, Charles Rader,  
Matthew Millett

# UNIVERSITY OF WISCONSIN River Falls

## German Minor

### German Minor: 22 Total Credits

Required Courses: 19 cr. hrs.

GERM 102 Beginning German II 4  
 GERM 201 Intermediate German I 3  
 GERM 202 Intermediate German II 3  
 GERM 301 Conversation and Composition I 3  
 GERM 302 Conversation and Composition II 3  
 GERM 401 Advanced German Communication 3

Directed Electives: 3 cr. hrs.

#### Select 3 credits from:

GERM 275 Business German 3  
 GERM 315 German Classic and Modern Film 3  
 GERM 341 German Civilization 3  
 GERM 342 Modern German-speaking Cultures 3  
 GERM 351 Survey of German Literature to Classicism 3  
 GERM 352 Survey of German Literature from Classicism to Present 3  
 MODL 379 Internship in Modern Language 2-3

### German Minor-Education

#### Complete German minor program

(must include GERM 341 or GERM 342)

Required supporting courses not part of minor: 6 cr. hrs.

GERM 350 German Phonetics 3  
 TED 437 Techniques of Middle/Secondary Education: Modern Language 2  
 TED 448 Techniques of Elementary Education: Modern Language 2

### Department of Modern Language

284 Kleinpell Fine Arts  
 715-425-3121  
[www.uwrf.edu/MODL/](http://www.uwrf.edu/MODL/)

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 Bustamante, Marina Calas,  
 Juan-Carlos Chaves, Sharon  
 Gerlach, Terrence Mannerter,  
 Rebecca Raham, Judy Wyatt-Schlei,  
 Julie Kovacic, Lisa Showers, Magara  
 Maeda, Wen Zhang

# UNIVERSITY OF WISCONSIN River Falls

## Geographic Information Science Bachelor of Applied Science

Bachelor of Applied Science: 120 credits of which 60 credit hours must be at UW-River Falls

General Education/University Electives: 29-30 credit hours

### Geographic Information Science (30 Credit hours)

**GEOG 250** Introduction to Cartography and GIS 3 cr.

**GEOG 351** Map Design 3 cr.

**GEOG 360** GIS: Theory and Methods 3 cr.

**GEOG 365** Quantitative Techniques for Geographers 3 cr.

**GEOG 368** Geoprocessing Techniques 3 cr.

**GEOG 401** Senior Colloquium in Geography 3 cr.

**Intermediate Directed Electives: 3-6 cr. hrs.**

**Advanced Directed Electives: 3-6 cr. hrs.**

**Electives: 3-9 cr. hrs.**

### Department of Geography and Mapping Sciences

344 Kleinpell Fine Arts  
715-425-3264  
[www.uwrf.edu/GEOG/](http://www.uwrf.edu/GEOG/)

John Heppen-Chair, Ruth Baker,  
Mathew Dooley, Charles Rader,  
Matthew Millett

### Contact:

Pam Bowen

**E-mail** or 715-425-0633

# UNIVERSITY OF WISCONSIN River Falls

## GISci Certificate

### Program Overview

### Certificate Requirements

Students complete three required courses and two elective courses that focus on your chosen area of specialization in GISci. In addition to finishing the coursework, students submit a final professional portfolio, complete an exit interview, and have a cumulative GPA of at least 2.5 upon completion of the program.

### Core Courses: 9 credits

**GEOG 250** Introduction to Geographic Information Science (GISci) - 3 cr.

**GEOG 360** GIS: Theory and Methods - 3 cr.

**GEOG 460** GIS: Modeling and Analysis - 3 cr.

### Elective Courses: 6 credits

Choose any two courses from the following

**GEOG 351** Map Design - 3 cr.

**GEOG 365** Quantitative Techniques for Geographers - 3 cr.

**GEOG 366** Field Methods and GPS - 3 cr.

**GEOG 368** Digital Image Processing - 3 cr.

**GEOG 455** Advanced Map Design - 3 cr.

### For More Information

Matthew Millett

GIS Lab Manager

**Geography and Mapping Sciences**

**Department**

College of Arts and Sciences

**E-mail**

715-425-3264

# UNIVERSITY OF WISCONSIN River Falls

## Health and Physical Education Major

### Health and Physical Education Major General Education Requirements - 38 Credits

As listed with the following exceptions:

M, all but TED 323

SL, BIOL 150

S, PHYS 114

MD, TED 422

EC, ESM 105

HW, HEAL 269; one activity course must be PE 131

### Major Requirements - 105 Credits

Required

Activity

Health

Education

#### Required Courses: 21 Credits

- P ED 161 Intro. to Health and Human Performance 3 cr.
- P ED 172 Instructional Strategies I 1 cr.
- P ED 243 Motor Learning and Development 3 cr.
- P ED 300 Adapted Physical Education 3 cr.
- P ED 305 Developmental and Adapted Physical Education 3 cr.
- P ED 354 Biomechanics 3 cr.
- P ED 372 Instructional Strategies II 2 cr.
- P ED 455 Organization and Administration of Physical Education 3 cr.

#### Activity Courses: 20 Credits

- P ED 230 Rhythms and Educational Gymnastics 3 cr.
- P ED 265 Physical Activities I 3 cr.
- P ED 266 Physical Activities II 3 cr.
- P ED 275 Leadership in School-Based Adventure Education 3 cr.
- P ED 395 Water Safety Instructor 3 cr.
- EXSS 266 Aerobic Exercise Leadership 2 cr.
- EXSS 465 Scientific Principles of Strength and Conditioning 3 cr.

#### Health: 25 Credits

### Department of Health and Human Performance

111 Karges Center  
715-425-3705  
[www.uwrf.edu/HHP/](http://www.uwrf.edu/HHP/)

Chair-Joe O'Kroy, Jeff Berkhof, Rob Confessore, Matt Ebner, Ken Ecker, Gary Eloranta, Patti Ford, Steve Freeman, Stacy Furness, James Gostomski, Cindy Holbrook, Faye Perkins, Robert Ritzer, Jodee Schaben, Paul Shirilla, Matt Walker, Jake Wissing

In addition to the health and physical education major, the health and human performance department offers majors in **Exercise and Sport Science** and **Health and Wellness Management**.

Students from all disciplines are encouraged to enjoy the opportunities provided through minors in **health**, **coaching**, or **outdoor education**.

An **adapted physical education minor** is also available for students seeking K-12 physical education certification or for teachers who are already certified in K-12 physical education. it is **highly encouraged** for undergraduates to obtain the adapted physical education minor



**SFED 212** First Aid/CPR Instructor 1 cr.

**HEAL 262** Applied Anatomy and Exercise Physiology 3 cr.

**HEAL 269** Wellness 3 cr.

**HEAL 315** Nutrition 3 cr.

**HEAL 330** Safe and Emotionally Healthy Schools and Communities 2 cr.

**HEAL 350** Community Health 3 cr.

**HEAL 460** Teaching of Family Life and Sexuality Education 3 cr.

**HEAL 467** Measurement, Evaluation, Assessment 3 cr.

**ESM 105** Environmental Studies

or **ESM 300** Environmental Education 3 cr.

### Professional Education: 38 Credits

**TED 212** Educational Psychology 5 cr.

**TED 252** Multicultural Education 3cr.

**TED 420** School and Society 3 cr.

**TED 422** Content Area Literacy in Middle/Secondary School 3 cr.

**TED 425** Techniques of Elementary Education Physical Education 3 cr.

**TED 429** Techniques of Health Education 3 cr.

**TED 435** Techniques of Middle/Secondary Education: Physical Ed. 3 cr.

**TED 475** Student Teaching: K-12 12 cr.

**SPED 330** The Exceptional Child 3 cr.

# UNIVERSITY OF WISCONSIN River Falls

## Health and Wellness Management Major

### Overview of Program

### Degree Requirements, 63 Total Credits

The Bachelor of Science in Health and Wellness Management consists of 21 courses. Each student in the program is required to successfully complete all 21 courses and the general education and university requirements listed below to graduate. There are no electives in the program. Each course is worth three credits.

- HWM 300** Introduction to Human Health
- HWM 310** Changes Across the Life Span
- HWM 320** Health and Medical Terminology
- HWM 330** Survey of Information Technology in Health Care
- HWM 340** The Wellness Profession
- HWM 350** Applied Research Methods
- HWM 360** Stress and Dependencies and Addictions
- HWM 370** Health Behavior/Understanding and Effecting Change
- HWM 380** Environmental Health
- HWM 390** Marketing and Communication for Health and Wellness
- HWM 400** Health Resource Management
- HWM 410** Applied Anatomy and Fitness Principles
- HWM 420** Health Literacy
- HWM 430** Population Health
- HWM 440** Health and Wellness Coaching
- HWM 450** Medical Ethics/Policy
- HWM 460** Leadership and Change Management in Health
- HWM 470** Assessment and Evaluation
- HWM 480** Health Benefit Plans and Providers
- HWM 490** Employee Health and Well Being
- HWM 495** HWM Capstone

### Prerequisites

Some of the courses above require the following prerequisites.

- Introduction to Psychology (UWRF PSYC 101 or equivalent)
- Introduction to Biology (UWRF BIOL 100 or 150 or equivalent)

### Health and Wellness Management (HWM)

[Website](#)

[Email](#)

1-877-UW-LEARN (877-895-3276)

The Health and Wellness Management major is housed in the College of Education and Professional Studies.

Academic Director: Faye Perkins

[Email](#)

Program Manager: Angela Whitaker

[Email](#)

The Bachelor of Science in Health and Wellness Management is a collaborative effort of four University of Wisconsin campuses (UW-La Crosse, UW-River Falls, UW-Stevens Point, and UW-Superior) and UW-Extension. It equips students with the skills necessary to design, develop, implement, and maintain health and wellness programs in the workplace. This degree program helps students learn more about the seven dimensions of wellness and how they affect our lives and well-being.

- Introduction to Public Speaking (UWRF COMS 101 or CSTA 101 or equivalent)
- Composition II (UWRF ENGL 200 or equivalent)

## General Education and University Requirements

All students enter this program with at least 60 college-level semester credits of transferable coursework with a 2.0 or better grade point average (GPA). In addition to the general education requirements, UW-River Falls students must complete two, university-required courses in American cultural diversity and global perspectives. See list of approved [courses](#).

# UNIVERSITY OF WISCONSIN River Falls

## Health Education Minor

### Health Education 34 Total credits

#### Minor required (teacher certification)

HEAL 263 Human Anatomy 3 cr.

HEAL 269 Wellness 3 cr.

HEAL 315 Nutrition 3 cr.

HEAL 330 Safe and Emotionally Healthy Schools and Communities 2 cr.

HEAL 350 Community Health 3 cr.

HEAL 366 Exercise Physiology 3 cr.

HEAL 460 Teaching of Family Life and Sexuality Education 3 cr.

HEAL 465 Comprehensive School Health Education Programs 3 cr.

P ED 161 Introduction to Health and Human Performance 3 cr.

P ED 461 Senior Seminar 3 cr.

SFED 212 First Aid/CPR Instructor 1 cr.

SOWK 250 Use, Abuse, and Addiction 3 cr.

#### Required Supporting Course: 3 cr. hrs.

GEOG 300 Environmental Education 3 cr.

or ESM 300 Environmental Education

#### Professional Education Requirements: 35 cr. hrs.

SPED 330 Exceptional Child 3 cr.

TED 120 Education & Technology 3 cr.

TED 212 Educational Psychology: Middle and Secondary Education 5 cr.

TED 252 Multicultural Education 3 cr.

TED 420 School and Society 3 cr.

TED 422 Content Area Literacy in Middle/Secondary School 3 cr.

TED 429 Techniques of Secondary Education: Health Education 3 cr.

TED 473 Student Teaching: Middle Level 6 cr.

TED 474 Student Teaching: Secondary 6 cr.

## Department of Health and Human Performance

111 Karges Center  
715-425-3705  
[www.uwrf.edu/HHP/](http://www.uwrf.edu/HHP/)

Chair-Joe O'Kroy, Jeff Berkhof, Rob Confessore, Matt Ebner, Ken Ecker, Gary Eloranta, Patti Ford, Steve Freeman, Stacy Furness, James Gostomski, Cindy Holbrook, Faye Perkins, Robert Ritzer, Jodee Schaben, Paul Shirilla, Matt Walker, Jake Wissing

# UNIVERSITY OF WISCONSIN River Falls

## History Major

### Major in History-Liberal Arts 36 Total Credits

#### Core Requirements 9 cr. hrs.

**HIST 101** Origins of Civilization (supporting course)\*, 3 cr.

**HIST 102** History of the Modern World, 1500-Present, 3 cr.

**HIST 215** U.S. History to 1865, 3 cr.

**HIST 216** U.S. History from 1865, 3 cr.

\*History majors are required to take HIST 101 to meet Social and Behavioral Sciences Requirement in General Education Goal Two, so the course and its 3 credits will not be counted as history major credits.

#### Required Courses 6 cr. hrs.

#### Choose one of the following Non-U.S. History Courses, 3 cr. hrs.

**HIST 201** Introduction to Asian Civilization, 3 cr.

**HIST 202** Introduction to Latin American Civilizations, 3 cr.

**HIST 203** The Mediterranean: A Survey, 3 cr.

**HIST 209** Introduction to African History, 3 cr.

#### Choose one of the following U.S. History Courses, 3 cr. hrs.

**HIST 204** Global Migration in U.S. History, 3 cr.

**HIST 205** Women's History: United States, 3 cr.

**HIST 206** Native Americans and the United States, 3 cr.

**HIST 207** African American History, 3 cr.

#### Directed Electives 18 cr. hrs.

#### Choose two of the following advanced U.S. History Courses, 6 cr. hrs.

**HIST 351** United States Colonial History I

**HIST 352** United States Colonial History II

**HIST 353** United States History: 1790-1850

**HIST 354** United States History: Age of Growth

**HIST 358** United States History 1890-1945

**HIST 359** United States History from 1945

**HIST 364** History of the Upper Midwest

**HIST 365** American Environmental History

**HIST 367** History of United States Foreign Policy

### General Education Requirements

BA and BS Liberal Arts majors as listed for CAS.

BS Education majors as listed for CEPS.

### Department of History and Philosophy

307 Kleinpell Fine Arts  
715-425-3164  
[www.uwrf.edu/HIST/](http://www.uwrf.edu/HIST/)

**History:** Zhiguo Yang-Chair, Ryan Fischer, Victoria Houseman, Kurt Leichtle, Kiril Petkov, Christopher Simer and Thomas White

**Philosophy:** Thomas Doyle, Imtiaz Moosa, David Peters and Walter Wietzke

The Department of History and Philosophy offers courses and degrees for those who wish to learn how to read, think and write effectively. **A degree in history is excellent preparation** for careers in business, advertising, government, foreign service, international relations, publications, journalism and human services. It also is indicated for those who wish to pursue a career specifically in the field of history including teaching at the elementary, secondary, or college level, or

**HIST 368** Social Movements in United States' History

**HIST 369** American Intellectual History

**HIST 402** History in Film

**HIST 481** Material and Popular Culture

**Choose two of the following advanced non-U.S. History courses, 6 cr. hrs.**

**HIST 303** Women's History: Europe

**HIST 315** The World of Napoleon

**HIST 316** The British Empire

**HIST 317** Social Movements in Modern Britain

**HIST 318** Twentieth Century Europe

**HIST 320** Ancient Rome

**HIST 321** Early Middle Ages

**HIST 322** The Renaissance

**HIST 323** The Reformation

**HIST 324** Early Modern Europe

**HIST 325** Late Middle Ages

**HIST 327** WWI to WWII

**HIST 328** WWII to Cold War

**HIST 332** The Islamic Middle East to 1500

**HIST 333** Making of Global Exchange System to 1700

**HIST 334** Modern China, 1800 to Present

**HIST 335** Modern Japan, 1600 to Present

**HIST 336** Traditional East Asia, Prehistory-1800

**HIST 360** The Long Nineteenth Century: Europe

**HIST 436** History of Colonial and Imperialism

**Choose two advanced Electives (numbered 300 or higher) from the list above - that you have not yet taken, 6 cr.**

**Research and Historiography 3 cr. hrs.**

**HIST 485** History Seminar

working in museums, archives and libraries. Students take courses in a variety of periods, areas and topics.

Majors are encouraged to participate in an **internship program** for practical preparation for a career. Various options are also offered for **study abroad** in other countries of the world as part of the degree.

Majors are strongly urged to take a course in **Women's Studies** to enhance their understanding of the human past.

### **The Broad Field Social Studies**

**Major** is recommended for secondary teachers in Wisconsin and Minnesota.

# UNIVERSITY OF WISCONSIN River Falls

## History Minor

### History Minor Requirements (24 credits)

**Required supporting course - take one of the following General Education courses (3 credits)**

**HIST 101** Origins of Civilization, 3

**HIST 102** History of the Modern World, 1500-present, 3

**World history courses - take two of the following courses (6 credits)**

**HIST 201** Introduction to Asian Civilization, 3

**HIST 202** Introduction to Latin American Civilizations, 3

**HIST 203** The Mediterranean: A Survey, 3

**HIST 209** Introduction to African History, 3

**U.S. history courses - take two of the following courses; one must be**

**HIST 215 or 216 (6 credits)**

**HIST 204** Global Migration in U.S. History, 3

**HIST 205** Women's History: United States, 3

**HIST 206** Native Americans and the United States, 3

**HIST 207** African American History, 3

**HIST 215** United States History to 1865, 3

**HIST 216** United States History from 1865, 3

**Advanced study of history - take four of the following courses (12 credits)**

#### **U.S. History**

HIST 351 United States Colonial History I

HIST 352 United States Colonial History II

HIST 353 United States History: 1790-1850

HIST 354 United States History: Age of Growth

HIST 358 United States History 1890-1945

HIST 359 United States History from 1945

HIST 364 History of the Upper Midwest: Furs, Logs and Farms

HIST 365 American Environmental History

HIST 367 History of United States Foreign Policy

HIST 368 Social Movements in United States' History

HIST 369 American Intellectual History

HIST 402 History in Film

### Department of History and Philosophy

307 Kleinpell Fine Arts  
715-425-3164  
[www.uwrf.edu/HIST/](http://www.uwrf.edu/HIST/)

**History:** Zhiguo Yang-Chair, Ryan Fischer, Victoria Houseman, Kurt Leichtle, Kiril Petkov, Christopher Simer and Thomas White

**Philosophy:** Thomas Doyle, Imtiaz Moosa, David Peters and Walter Wietzke

HIST 481 Material & Popular Culture

**World History**

HIST 303 Women's History: Europe

HIST 315 The World of Napoleon

HIST 316 The British Empire

HIST 317 Social Movements in Modern Britain: 1879-1936

HIST 318 Twentieth Century Europe

HIST 320 Ancient Rome

HIST 321 Early Middle Ages

HIST 322 The Renaissance

HIST 323 The Reformation

HIST 324 Early Modern Europe

HIST 325 Late Middle Ages

HIST 327 WWI to WWII

HIST 328 WWII to Cold War

HIST 332 The Islamic Middle East to 1500

HIST 333 Silk, Spices, and Silver: The Making of the Global Exchange System to 1700

HIST 334 Modern China, 1800 to Present

HIST 335 Modern Japan, 1600 to Present

HIST 336 Traditional East Asia, Prehistory-1800

HIST 360 The Long Nineteenth Century: Europe 1789-1914

HIST 436 History of Colonial & Imperialism



# UNIVERSITY OF WISCONSIN River Falls

## Honors Program

### Honors Admission Requirements

Incoming freshmen must have a composite ACT score of 27 or higher and/or have graduated in the top 10 percent of their high school class.

Sophomores, juniors, or seniors may enroll if their cumulative grade point average is 3.3 or higher.

Students must maintain a 3.3 cumulative grade point average and complete at least two Honors program credits per year to remain in the program.

The UWRF Honors program consists of 18 Honors program credits, all of which are possible to accumulate within the 120 minimum credits necessary to graduate.

Requirements for completing the Honors Program include at least 18 honors program credits and no history of academic dishonesty. Course requirements include at least one credit of **HON 181** and one credit of **HON 498**

### General Education Honors Courses

Honors program seminars and courses will meet General Education or Liberal Arts requirements whenever applicable.

Sections of General Education courses may be made available on a rotational basis to Honors Program students and often include:

**CHEM 230** and **CHEM 231**

**ENGL 100**, **ENGL 200** and **ENG 241**

**PHYS 117**

#### Contracted Credits

(variable credits)

Any Honors Program students enrolled in a non-honors at the 200 level or above may contract with the instructor to earn honors credit(s) for different work (i.e. in greater depth). These credits will be recorded as honors credits. A required form is available in the Honors Program office to gain contracted credit.

### Interdisciplinary

**104 North Hall**  
**715-425-3843**

[honors@uwrf.edu](mailto:honors@uwrf.edu)

The UW-River Falls Honors Program is designed to meet the educational needs of students who have an outstanding record of academic achievement and a true sense of intellectual adventure. It allows students to experience a variety of course types and educationally related experiences while gaining academic credit.

Students enrolled in the program may choose Honors sections of many general education classes, take introductory and advanced Honors seminars, complete an Honors thesis/project, enroll in a service-learning experience for credit and receive credits for participation in the intellectual and creative life of the UWRF community and elsewhere. All of these experiences are gained while still keeping within the major and minor requirements of an Honors student's academic program.

### Other links of interest:

[National Collegiate Honors Council](#)

[Upper Midwest Honors Council](#)

**Honors Thesis/Project 1-6 cr. hrs.**

Required of all participants during junior or senior year. Participants must submit a project or equivalent creative or scholarly projects in the Humanities, Fine Arts, Social Sciences and Education, and suggest appropriate faculty reviewers to the Honors Director for approval before commencing their work. Each project will be evaluated by three faculty chosen by the student and approved by the Honors Director. Projects may be graded pass/fail at the student,s request. Projects undertaken for departmental senior seminars may be accepted as honors theses/projects at the discretion of the department and the Honors Director.

**Service Learning Component 1-6 cr. hrs.**

Service learning in this context means unpaid volunteer work that will benefit the community and provide a significant learning experience. Service learning is based on the rationale that learning occurs through reflection on the service. One credit equals 45 hours of service learning. Service learning hours must be documented as to the amount of time contributed and the learning component completed. Participants must submit a proposal for service learning project(s) to the Honors Director for their approval prior to the service learning activity. These proposals will describe the service learning activity, outline its connection to the student,s course work, and include the signature of the student,s proposed field supervisor. Service learning hours may be planned and carried out individually, through the UWRF Collegiate Honors Society, or with another organization. Honors program students are encouraged to arrange service learning activities through other organizations they belong to in order to stimulate participation by other university community members. Service Learning is graded on a pass/fail basis.

**Events 0-2 cr. hrs.**

This component is meant to encourage Honors Program participants to engage in the intellectual and creative life of the UW-River Falls community and elsewhere. Approved events will include attendance or participation in professional meetings, lectures, concerts, plays, and art exhibits. Participants must submit an event proposal to the Director prior to the events describing the events to be attended and, wherever possible, drawing connections between them and the participant,s course of study. Five events (12 hours minimum) equal one credit. Participants must provide a portfolio of short reaction papers to each event and appropriate evidence of participation in order to earn credit. Events are graded on a pass/fail basis

**Nationwide and International Honors Programs**

# UNIVERSITY OF WISCONSIN River Falls

## Horticulture Major

### Horticulture Major: 64-68 Total Credits

#### Required Core HORT Courses: 16 cr. hrs.

- HORT 169 Introduction to Horticulture 3 cr.  
 HORT 200 Plant Propagation 3 cr.  
 HORT 255 Turfgrass Science and Management 3 cr.  
 HORT 310 Greenhouse Management 3 cr.  
 HORT 352 Woody Landscape Plants 3 cr.  
 HORT 485 Senior Seminar in Horticulture 1 cr.

#### Required Related Courses: 20 cr. hrs.

- SOIL 311 Soil Fertility 4 cr.  
 BIOL 314 Plant Pathology 3 cr.  
 CHEM 230 General Organic Chemistry 3 cr.  
 AGECE 361 Horticultural Business Management 3 cr.  
 or AGBI 251 Agricultural Biochemistry 3 cr.  
 CROP 435 Crop Physiology 4 cr.  
 CROP 257 Genetics 3 cr.  
 or ANSC 257 Genetics

#### Horticulture Options (Choose one)

Professional Horticulture

Landscape Design and Management

#### Professional Horticulture Option 28-31 cr. hrs.

- BIOL 333 Entomology 3 cr.  
 HORT 327 Vegetable Science and Production 4 cr.  
 HORT 347 Fruit Science and Production 4 cr.  
 HORT 420 Floriculture 4 cr.  
 HORT 270/ HORT 370 Horticulture Internship 4 cr.

#### Select one design-related course from the following:

- HORT 245 Interior Plantscapes 3 cr.  
 or HORT 250 Sustainable Landscape Design 4 cr.  
 or HORT 268 Herbaceous Perennials 3 cr.

#### Select one plant production-related course from the following:

- HORT 369 Plant Tissue Culture 3 cr.  
 or HORT 452 Arboriculture/Nursery Management 3 cr.

#### Select one business-related course from the following:

[View all Horticulture Course Descriptions](#)

### General Education Requirements

#### Foundation Courses in Agriculture 12 cr. hrs.

- PLSC 161 Introduction to Plant Science 3 cr.  
 AGEN 150 Agricultural and Environmental Engineering Technology 3 cr.  
 SOIL 120 Introduction to Soil Science 3 cr.  
 AGECE 230 Agricultural Economics I 3 cr.

### Department of Plant and Earth Science

324 Agricultural Science  
 715-425-3345  
[www.uwrf.edu/PES/](http://www.uwrf.edu/PES/)

Donavon Taylor-Chair, William Anderson, Jarod Blades, Jill Coleman Wasik, Holly Dolliver, Terry Ferriss, Allison Gale, Veronica Justen, Kerry Keen, Eric Sanden, Brian Smith, Pamela Weller, Ian Williams, David Zlesak

**AFES 310** Human Resource Management 3 cr.

or **AGEC 410** Professional Selling 3 cr.

**Unrestricted electives:** to reach 120 cr. total

## Landscape Design and Management Option 31-33 cr. hrs.

Select two from:

**HORT 201** Hardscape Design: Paver, Patios and Retaining Walls 1 cr.

**HORT 202** Landscape Irrigation Management 1 cr.

**HORT 203** Design and Management of Landscape Lighting and Water Features 1 cr.

or **AGEN 333** Landscape Construction 3 cr.

**ESM 151** Introduction to Land Use Theory and Practice 3 cr.

**HORT 250** Sustainable Landscape Design 4 cr.

**HORT 268** Herbaceous Perennials 3 cr.

or **HORT 245** Interior Plantscapes 3 cr.

**HORT 270/ HORT 370** Horticulture Internship 4 cr.

**HORT 452** Arboriculture/Nursery Management 3 cr.

**AFES 310** Human Resource Management 3 cr.

or **AGEC 410** Professional Selling 3 cr.

**ESM 411** Site Planning and Development 3 cr.

or **GENG 368** CAD Applications 3 cr.

**HORT 327** Vegetable Science and Production 4 cr.

or **HORT 347** Fruit Science and Production 4 cr.

**HORT 358** Landscape Design Practicum 2 cr.

or **SOIL 325** Hydric Soils and Wetland Environments 3 cr.

## Business Emphasis

The Business Emphasis is a suggested series of courses that fit together well and complement the horticulture major. It is not necessary to take all of the courses. The courses are taken in addition to either of the two options.

The emphasis designation is not printed on the student's transcript.

**AGEC 361** Horticultural Business Management 3 cr.

**Select one from:**

**ACCT 231** Principles of Accounting I 3 cr.

**AGEC 305** Agricultural Business Accounting 3 cr.

**Select one from:**

**BLAW 265** Business Law I 3 cr.

**AGEC 345** Agricultural Law 3 cr.

**Select two from:**

**AGEC 355** Agricultural Markets and Prices 3 cr.

**AGEC 410** Professional Selling 3 cr.

**AGEC 460** Agribusiness Firm Management 3 cr.

**CSIS 215** Information Systems for Management 3 cr.

**MNGT 330** Diversity in the Workplace 3 cr.

**FINC 345** Managerial Finance 3 cr.

# UNIVERSITY OF WISCONSIN River Falls

## Horticulture Minor

### Horticulture Minor: 22-23 Total Credits

**Required Courses: 19 cr. hrs.**

**HORT 169** Introduction to Horticulture 3 cr.

**HORT 200** Plant Propagation 3 cr.

**HORT 310** Greenhouse Management 3 cr.

**HORT 352** Ornamental Plants 3 cr.

**BIOL 314** Plant Pathology 3 cr.

**Select one from:**

**HORT 327** Vegetable Science and Production 4 cr.

**HORT 347** Fruit Science and Production 4 cr.

**Directed electives: 3-4 cr. hrs.**

(any HORT course, consult with horticulture faculty)

### Department of Plant and Earth Science

324 Agricultural Science  
715-425-3345  
[www.uwrf.edu/PES/](http://www.uwrf.edu/PES/)

Donavon Taylor-Chair, William  
Anderson, Jarod Blades, Jill Coleman  
Wasik, Holly Dolliver, Terry Ferriss,  
Allison Gale, Veronica Justen, Kerry  
Keen, Eric Sanden, Brian Smith,  
Pamela Weller, Ian Williams, David  
Zlesak

# UNIVERSITY OF WISCONSIN River Falls

## Hydrogeology Minor

### Hydrogeology Minor: 21 Total Credits

**Required Courses 17 cr. hrs.**

**ESM 360** Applied Hydrology and Water Quality 4 cr.

**ESM 412** Fate and Transport of Chemicals on the Environment 3 cr.

**ESM 413** Environmental Analysis 4 cr.

**GEOL 445** Hydrogeology 3 cr.

**SOIL 460** Soil Physics 3 cr.

**Electives-Select from the following: 4 cr. hrs.**

**CHEM 230** General Organic Chemistry 3 cr.

**CHEM 251** Analytical Chemistry 2 cr.

**CHEM 256** Analytical Chemistry Lab 1 cr.

**CHEM 356** Chemical Instrumentation Lab (writing intensive) 1 cr.

**BIOL 324** Microbiology 4 cr.

**GEOL 327** Geomorphology and Glacial Geology (writing intensive) 4 cr.

**GEOL 362** Stratigraphy and Sedimentation 4 cr.

**GEOL 441** Geophysics 4 cr.

**SOIL 325** Hydric Soils and Wetland Environments 3 cr.

### Department of Plant and Earth Science

**324 Agricultural Science**  
**715-425-3345**  
[www.uwrf.edu/PES/](http://www.uwrf.edu/PES/)

Donavon Taylor-Chair, William  
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Keen, Eric Sanden, Brian Smith,  
Pamela Weller, Ian Williams, David  
Zlesak

# UNIVERSITY OF WISCONSIN River Falls

## International Studies Major

### International Studies Major: 36 Total Credits

#### Required Courses: 21 cr. Hrs

**GEOG 120** Human Geography 3 cr. (prerequisite for INTS 200)

**INTS 200** Introduction to International Studies 3 cr.

**AGEC 250** World Food and Population 3 cr. **OR**

**ECON 150** International Economic Issues 3 cr.

**HIST 102** History of the Modern World, 1500-present, 3 cr.

**POLS 260** Introduction to International Relations 3 cr.

**INTS 480** Senior Seminar 3 cr.

**INTS 300** International Studies Research and Methods (forthcoming), 3 cr.

#### Directed Electives: 15 cr. hrs.

Select 12 credits from one of the categories below (at least 3 credits must be at the 300 level or above), excluding Education Abroad. In addition, students must complete 3 credits from the Education Abroad category, and an additional 3 credits from any category. Credit for **INTS 379**, **INTS 389**, **INTS 490**, or **INTS 499** can be applied to a category after consultation with the chair.

#### Supporting Courses:

Students complete two years of a foreign language of their choice with a minimum overall grade point average of no less than 2.0; e.g., complete any two-year language at UWRF, complete test outs equivalent to two years, or complete two years at another accredited university and transfer the credits to UWRF.

##### Area Studies: Asia

**ART 291** Asian Art History 3 cr.

**ENGL 317** Modern East Asian Literature and Film

**GEOG 344** Asia and Oceania 3 cr.

**HIST 201** Introduction to Asian Civilization 3 cr.

**HIST 334** Modern China, 1800 to the Present 3 cr.

**HIST 335** Modern Japan, 1600 to the Present 3 cr.

**POLS 348** Politics of East Asia 3 cr.

##### Area Studies: Europe

**Interdisciplinary Program**  
**355 KFA**  
**715-425-3318/3798**  
**www.uwrf.edu/INTS**

International Studies Program

Committee:

Chair-Sooh-Rhee Ryu, Political Science; Todd Hubbs, Agricultural Economics; Rebecca Raham, Modern Language; Charles Corcoran, Accounting and Finance; Charles Rader, Geography and Mapping Sciences; Ogden Rogers, Social Work.

The primary mission of the International Studies Program is to create global awareness by providing students with the intellectual skills and substantive knowledge necessary to meet the global challenges of the 21st Century.

### Program Learning Outcomes

#### Substantive Knowledge

By the completion of the International Studies major, graduates will be able to:

1. identify the key agricultural, economic and business, geographic, historical, social/cultural, and political condition and trends at the global level, and the linkages to the domestic and international levels;



ENGL 309 European Literature 3 cr.  
 ENGL 341 European Literature 3 cr.  
 ENGL 428 Modern British Literature: 1940-Present 3 cr.  
 FILM 315/ GERM 315 Classic and Modern German Film 3 cr.  
 FILM 316 History of French Cinema 3 cr.  
 GEOG 340 Europe 3 cr.  
 HIST 203 Survey of the Mediterranean  
 HIST 303 Women's History: Europe  
 HIST 318 Twentieth Century Europe 3 cr.  
 HUM 312 Arts & Ideas II: The Baroque to the Postmodern 3 cr.  
 POLS 346 Politics of Western Europe 3 cr.  
 FREN 341 French Civilization 3 cr.  
 FREN 342 Modern France and Francophone Cultures 3 cr.  
 FREN 351 Survey of French Literature to 1800 3 cr.  
 FREN 352 Survey of French Literature 1800 to Present 3 cr.  
 FREN 451 French Prose Fiction 3 cr.  
 FREN 452 French Poetry  
 FREN 453 French Drama  
 GERM 275 Business German 3 cr.  
 GERM 341 German Civilization 3 cr.  
 GERM 342 Modern German-Speaking Cultures 3 cr.  
 GERM 351 Survey of German Literature to Classicism (1800) 3 cr.  
 GERM 352 Survey of German Literature from Classicism (1800) to Present  
 3 cr.  
 GERM 451 German Drama and Theater 3 cr.  
 GERM 452 German Tale, Short Story, and Novella  
 GERM 453 German Poetry  
 SPAN 341 Spanish Civilization to 1800 3 cr.  
 SPAN 342 Spanish Civilization 1800 to Present 3 cr.  
 SPAN 351 Survey of Spanish Literature Siglo De Oro 3 cr.  
 SPAN 352 Survey of Spanish Literature 1898 to Present 3 cr.  
 SPAN 452 Advanced Spanish Literature 3 cr.

#### **Area Studies: Latin America**

GEOG 342 Latin America 3 cr.  
 HIST 202 Introduction to Latin American Civilizations 3 cr.  
 SPAN 345 Latin American Civilization to 1800 3 cr.  
 SPAN 346 Latin American Civilization 1800 to Present 3 cr.  
 SPAN 355 Survey of Latin American Literature, Conquest to Independence  
 3 cr.  
 SPAN 356 Survey of Latin American Literature Independence to Present 3

and

2. demonstrate first-hand experience with at least one other foreign culture and way of life.

## Intellectual Skills

By the completion of the International Studies major, graduates will be able to:

3. collect, assess the value of, and apply information to the study of international issues;
4. evaluate critically global issues from an interdisciplinary perspective;
5. communicate effectively in written, oral, and electronic contexts;
6. organize and complete independent inquiry and analysis; and
7. demonstrate an intermediate-level competency in a second language, equivalent to at least two years' of college-level work.

cr.

**SPAN 371** Business and Culture in the Hispanic World 3 cr.

**SPAN 372** Spanish for the Trades and Professions 3 cr.

**SPAN 455** Advanced Latin American Literature 3 cr.

### **Conflict and Peace**

**ENGL 205** Literature of War: Culture and Ethics 3 cr.

**HIST 327** World War I to World War II 3 cr.

**HIST 328** World War II to the Cold War 3 cr.

**HIST 330** Revolutions in Modern History 3 cr.

**HIST 359** U.S. History from 1945 3 cr.

**HIST 367** History of U.S. Foreign Policy 3 cr.

**POLS 364** International War and Peace 3 cr.

**POLS 365** American Foreign Policy 3 cr.

**POLS 377** The United Nations (may be taken three times) 1 cr.

### **Culture**

**ANTH 100** Introduction to Anthropology 3 cr.

**ART 291** Asian Art History 3 cr.

**ENGL 214** Women's Literature 3 cr.

**ENGL 230** International Short Fiction 3 cr.

**ENGL 232** Contemporary Drama 3 cr.

**ENGL 306** Postcolonial Film and Literature 3 cr.

**ENGL 309** Film of the New Europe 3 cr.

**ENGL 317** Modern East Asian Literature and Cinema

**ENGL 341** European Literature 3 cr.

**ENGL 428** Modern British Literature: 1940-Present 3 cr.

**ENGL 441** Twentieth Century International Literature 3 cr.

**ENGL 442/ FILM 442/ INTS 442** World Cinema 3 cr.

**FILM 315/ GERM 315** Classic and Modern German Film 3 cr.

**FILM 316/ FREN 316** History of French Cinema 3 cr.

**FREN 341** French Civilization 3 cr.

**FREN 342** Modern France and Francophone Cultures 3 cr.

**FREN 351** Survey of French Literature to 1800 3 cr.

**FREN 352** Survey of French Literature 1800 to Present 3 cr.

**FREN 451** French Prose Fiction 3 cr.

**FREN 452** French Poetry

**FREN 453** French Drama

**GERM 275** Business German 3 cr.

**GERM 341** German Civilization 3 cr.

**GERM 342** Modern German-Speaking Cultures 3 cr.

**GERM 351** Survey of German Literature to Classicism (1800) 3 cr.

**GERM 352** Survey of German Literature from Classicism (1800) to Present

3 cr.

**GERM 451** German Drama and Theater 3 cr.

**GERM 452** German Tale, Short Story, and Novella

**GERM 453** German Poetry

**HIST 102** History of the Modern World, 1500-Present 3 cr.

**HIST 303** Women's History: Europe 3 cr.

**HIST 305** Women's History: Global Perspectives 3 cr.

**HUM 312** Arts & Ideas II: The Baroque to the Postmodern

**JOUR 460** International Communication 3 cr.

**MNGT 310** Culture and Business 3 cr.

**MUS 300** World Music 3 cr.

**SOCI 314/ ANTH 314** Faces of Culture 3 cr.

**SOCI 316/ ANTH 316** Social and Cultural Change 3 cr.

**SOCI 331/ ANTH 331** Global Perspectives on Women 3 cr.

**SPAN 341** Spanish Civilization to 1800 3 cr.

**SPAN 342** Spanish Civilization 1800 to Present 3 cr.

**SPAN 345** Latin American Civilization to 1800 3 cr.

**SPAN 346** Latin American Civilization 1800 to Present 3 cr.

**SPAN 351** Survey of Spanish Literature Siglo De Oro 3 cr.

**SPAN 352** Survey of Spanish Literature 1898 to Present 3 cr.

**SPAN 355** Survey of Latin American Literature, Conquest to Independence  
3 cr.

**SPAN 356** Survey of Latin American Literature Independence to Present 3  
cr.

**SPAN 371** Business and Culture in the Hispanic World 3 cr.

**SPAN 372** Spanish for the Trades and Professions 3 cr.

**SPAN 452** Advanced Spanish Literature 3 cr.

**SPAN 455** Advanced Latin American Literature 3 cr.

### **Development**

**AGEC 450** Introduction to Natural Resources Economics 3 cr.

**ECON 150** International Economic Issues 3 cr. (course required for major,  
allowed as an elective in minor)

**ECON 328** Domestic Topics in African, Asian, and Latin American Economic  
Development 3 cr.

**ECON 329** Global Topics in African, Asian, and Latin American Economic  
Development 3 cr.

**ECON 340** Contemporary International Trade Issues 3 cr.

**ECON 342** International Finance 3 cr.

**ECON 344** Comparative Economic Systems 3 cr.

- ENGL 306 Postcolonial Film and Literature 3 cr.  
ESM 377 Business Ecology 3 cr.  
GEOG 220 Economic Geography 3 cr.  
GEOG 342 Latin America 3 cr.  
GEOG 343 Africa 3 cr.  
HIST 330 Revolutions in Modern History 3 cr.  
HIST 436 History of Colonialism and Imperialism 3 cr.  
MKTG 355 International Marketing 3 cr.  
MNGT 250 Global Business & Society  
MNGT 355 International Business 3 cr.  
MNGT 380 International Business Seminar 3 cr.  
POLS 344 Politics of the Developing World 3 cr.  
POLS 348 Politics of East Asia 3 cr.  
POLS 369 Politics of the World Economy 3 cr.  
POLS 377 The United Nations (may be taken three times) 1 cr.

### **Global Science and Environment**

- AGEC 450 Introduction to Natural Resources Economics 3 cr.  
ESM 105 Introduction to Environmental Studies 3 cr.  
ESM 377 Business Ecology 3 cr.  
GEOG 212 Weather and Climate 3 cr.  
GEOG 214 World Patterns of Plants and Animals 3 cr.  
GEOG 412 Advanced Climatology 3 cr.  
GEOL 202 Oceanography 2 cr.  
GEOL 269 Environmental Geology 2 cr.  
GEOL 327 Geomorphology & Glacial Geology 3 cr.  
GEOL 330 Meteorology 3 cr.  
GEOL 441 Introduction to Geophysics 3 cr.  
GEOL 445 Hydrogeology 3 cr.  
SOCI 338/ ANTH 338 Global Perspectives on Health and Disease 3 cr.

### **International Relations**

- GEOG 340 Europe 3 cr.  
GEOG 342 Latin America 3 cr.  
GEOG 344 Asia and Oceania 3 cr.  
HIST 328 World War II to the Cold War 3 cr.  
HIST 330 Revolutions in Modern History 3 cr.  
HIST 367 History of U.S. Foreign Policy 3 cr.  
POLS 245 Comparative Politics 3 cr.  
POLS 344 Politics of the Developing World 3 cr.  
POLS 346 Politics of Western Europe 3 cr.  
POLS 348 Politics of East Asia 3 cr.

- POLS 364** International War and Peace 3 cr.
- POLS 365** American Foreign Policy 3 cr.
- POLS 369** Politics of the World Economy 3 cr.
- POLS 377** The United Nations (may be taken three times) 1 cr.
- SOCI 231/ ANTH 231** Sociology of Globalization 3 cr.
- SPAN 371** Business and Culture in the Hispanic World 3 cr.
- SPAN 372** Spanish for the Trades and Professions 3 cr.

## Education Abroad

The education abroad category includes those courses approved by the INTS program committee. Any exceptions to the education abroad course list will be considered only if they are requested in writing prior to applying for the program.

- INTS 365** Contemporary Europe 3 cr.
- INTS 370** International Study Tour 1-3 cr.
- INTS 371/ POLS 371** German-Speaking Europe 3 cr.
- INTS 372/ POLS 372** The Politics of Scotland 3 cr.
- INTS 377** Semester Abroad 6 cr.
- MODL 376** Mexico: A Cultural Experience 3 cr.
- WIS 305** Scotland: Society and Globalization 3 cr.
- 378 within depts. Semester Abroad Research 3-6 cr.

# UNIVERSITY OF WISCONSIN River Falls

## International Studies Minor

### International Studies Minor: 24 Total Credits

#### Required Courses: 12 cr. hrs.

GEOG 120 Human Geography 3 cr. (prerequisite for INTS 200)

INTS 200 Introduction to International Studies 3 cr.

HIST 102 History of the Modern World, 1500-present, 3 cr.

POLS 260 Introduction to International Relations 3 cr.

#### Directed Electives: 12 cr. hrs.

Select nine credits from one of the categories below, excluding Education Abroad. In addition, students must complete three credits chosen from any category. Credit for INTS 379, INTS 389, INTS 490, or INTS 499 can be applied to a category after consultation with the chair.

#### Supporting Courses:

Students complete one year of a foreign language of their choice with a minimum overall grade point average of no less than 2.0; e.g., complete any one-year language course at UWRF, complete testouts equivalent to one year, or complete one year at another accredited university and transfer the credits to UWRF.

#### Area Studies: Asia

ART 291 Asian Art History 3 cr.

ENGL 317 Modern East Asian Literature and Film

GEOG 344 Asia and Oceania 3 cr.

HIST 201 Introduction to Asian Civilization 3 cr.

HIST 334 Modern China, 1800 to the Present 3 cr.

HIST 335 Modern Japan, 1600 to the Present 3 cr.

POLS 348 Politics of East Asia 3 cr.

#### Area Studies: Europe

ENGL 309 European Literature 3 cr.

ENGL 341 European Literature 3 cr.

ENGL 428 Modern British Literature: 1940-Present 3 cr.

FILM 315/ GERM 315 Classic and Modern German Film 3 cr.

FILM 316 History of French Cinema 3 cr.

GEOG 340 Europe 3 cr.

Interdisciplinary Program  
355 KFA  
715-425-3318/3798  
[www.uwrf.edu/INTS](http://www.uwrf.edu/INTS)

International Studies Program

Committee: Chair-Sooh-Rhee Ryu,  
Political Science; Todd Hubbs,  
Agricultural Economics; Rebecca  
Raham, Modern Language; Charles  
Corcoran, Accounting and Finance;  
Charles Rader, Geography and  
Mapping Sciences; Ogden Rogers,  
Social Work

- HIST 203** Survey of the Mediterranean
- HIST 303** Women's History: Europe
- HIST 318** Twentieth Century Europe 3 cr.
- HUM 312** Arts & Ideas II: The Baroque to the Postmodern 3 cr.
- POLS 346** Politics of Western Europe 3 cr.
- FREN 341** French Civilization 3 cr.
- FREN 342** Modern France and Francophone Cultures 3 cr.
- FREN 351** Survey of French Literature to 1800 3 cr.
- FREN 352** Survey of French Literature 1800 to Present 3 cr.
- FREN 451** French Prose Fiction 3 cr.
- FREN 452** French Poetry
- FREN 453** French Drama
- GERM 275** Business German 3 cr.
- GERM 341** German Civilization 3 cr.
- GERM 342** Modern German-Speaking Cultures 3 cr.
- GERM 351** Survey of German Literature to Classicism (1800) 3 cr.
- GERM 352** Survey of German Literature from Classicism (1800) to Present  
3 cr.
- GERM 451** German Drama and Theater 3 cr.
- GERM 452** German Tale, Short Story, and Novella
- GERM 453** German Poetry
- SPAN 341** Spanish Civilization to 1800 3 cr.
- SPAN 342** Spanish Civilization 1800 to Present 3 cr.
- SPAN 351** Survey of Spanish Literature Siglo De Oro 3 cr.
- SPAN 352** Survey of Spanish Literature 1898 to Present 3 cr.
- SPAN 452** Advanced Spanish Literature 3 cr.

**Area Studies: Latin America**

- GEOG 342** Latin America 3 cr.
- HIST 202** Introduction to Latin American Civilizations 3 cr.
- SPAN 345** Latin American Civilization to 1800 3 cr.
- SPAN 346** Latin American Civilization 1800 to Present 3 cr.
- SPAN 355** Survey of Latin American Literature, Conquest to Independence  
3 cr.
- SPAN 356** Survey of Latin American Literature Independence to Present 3  
cr.
- SPAN 371** Business and Culture in the Hispanic World 3 cr.
- SPAN 372** Spanish for the Trades and Professions 3 cr.
- SPAN 455** Advanced Latin American Literature 3 cr.

**Conflict and Peace**

- ENGL 205** Literature of War: Culture and Ethics 3 cr.

- HIST 327 World War I to World War II 3 cr.  
 HIST 328 World War II to the Cold War 3 cr.  
 HIST 330 Revolutions in Modern History 3 cr.  
 HIST 359 U.S. History from 1945 3 cr.  
 HIST 367 History of U.S. Foreign Policy 3 cr.  
 POLS 364 International War and Peace 3 cr.  
 POLS 365 American Foreign Policy 3 cr.  
 POLS 377 The United Nations (may be taken three times) 1 cr.

### Culture

- ANTH 100 Introduction to Anthropology 3 cr.  
 ART 291 Asian Art History 3 cr.  
 ENGL 214 Women's Literature 3 cr.  
 ENGL 230 International Short Fiction 3 cr.  
 ENGL 232 Contemporary Drama 3 cr.  
 ENGL 306 Postcolonial Film and Literature 3 cr.  
 ENGL 309 Film of the New Europe 3 cr.  
 ENGL 317 Modern East Asian Literature and Cinema  
 ENGL 341 European Literature 3 cr.  
 ENGL 428 Modern British Literature: 1940-Present 3 cr.  
 ENGL 441 Twentieth Century International Literature 3 cr.  
 ENGL 442/ FILM 442/ INTS 442 World Cinema 3 cr.  
 FILM 315/ GERM 315 Classic and Modern German Film 3 cr.  
 FILM 316/ FREN 316 History of French Cinema 3 cr.  
 FREN 341 French Civilization 3 cr.  
 FREN 342 Modern France and Francophone Cultures 3 cr.  
 FREN 351 Survey of French Literature to 1800 3 cr.  
 FREN 352 Survey of French Literature 1800 to Present 3 cr.  
 FREN 451 French Prose Fiction 3 cr.  
 FREN 452 French Poetry  
 FREN 453 French Drama  
 GERM 275 Business German 3 cr.  
 GERM 341 German Civilization 3 cr.  
 GERM 342 Modern German-Speaking Cultures 3 cr.  
 GERM 351 Survey of German Literature to Classicism (1800) 3 cr.  
 GERM 352 Survey of German Literature from Classicism (1800) to Present  
 3 cr.  
 GERM 451 German Drama and Theater 3 cr.  
 GERM 452 German Tale, Short Story, and Novella  
 GERM 453 German Poetry  
 HIST 102 History of the Modern World, 1500-Present 3 cr.



- HIST 303** Women's History: Europe 3 cr.
- HIST 305** Women's History: Global Perspectives 3 cr.
- HUM 312** Arts and Ideas II: The Baroque to the Postmodern
- JOUR 460** International Communication 3 cr.
- MNGT 310** Culture and Business 3 cr.
- MUS 300** World Music 3 cr.
- SOCI 314/ ANTH 314** Faces of Culture 3 cr.
- SOCI 316/ ANTH 316** Social and Cultural Change 3 cr.
- SOCI 331/ ANTH 331** Global Perspectives on Women 3 cr.
- SPAN 341** Spanish Civilization to 1800 3 cr.
- SPAN 342** Spanish Civilization 1800 to Present 3 cr.
- SPAN 345** Latin American Civilization to 1800 3 cr.
- SPAN 346** Latin American Civilization 1800 to Present 3 cr.
- SPAN 351** Survey of Spanish Literature Siglo De Oro 3 cr.
- SPAN 352** Survey of Spanish Literature 1898 to Present 3 cr.
- SPAN 355** Survey of Latin American Literature, Conquest to Independence  
3 cr.
- SPAN 356** Survey of Latin American Literature Independence to Present 3  
cr.
- SPAN 371** Business and Culture in the Hispanic World 3 cr.
- SPAN 372** Spanish for the Trades and Professions 3 cr.
- SPAN 452** Advanced Spanish Literature 3 cr.
- SPAN 455** Advanced Latin American Literature 3 cr.

### **Development**

- AGEC 450** Introduction to Natural Resources Economics 3 cr.
- ECON 150** International Economic Issues 3 cr. (course required for major,  
allowed as an elective in minor)
- ECON 328** Domestic Topics in African, Asian, and Latin American Economic  
Development 3 cr.
- ECON 329** Global Topics in African, Asian, and Latin American Economic  
Development 3 cr.
- ECON 340** Contemporary International Trade Issues 3 cr.
- ECON 342** International Finance 3 cr.
- ECON 344** Comparative Economic Systems 3 cr.
- ENGL 306** Postcolonial Film and Literature 3 cr.
- ESM 377** Business Ecology 3 cr.
- GEOG 220** Economic Geography 3 cr.
- GEOG 342** Latin America 3 cr.
- GEOG 343** Africa 3 cr.
- HIST 330** Revolutions in Modern History 3 cr.

- HIST 436 History of Colonialism and Imperialism 3 cr.
- MKTG 355 International Marketing 3 cr.
- MNGT 250 Global Business & Society
- MNGT 355 International Business 3 cr.
- MNGT 380 International Business Seminar 3 cr.
- POLS 344 Politics of the Developing World 3 cr.
- POLS 348 Politics of East Asia 3 cr.
- POLS 369 Politics of the World Economy 3 cr.
- POLS 377 The United Nations (may be taken three times) 1 cr.

### **Global Science and Environment**

- AGEC 450 Introduction to Natural Resources Economics 3 cr.
- ESM 105 Introduction to Environmental Studies 3 cr.
- ESM 377 Business Ecology 3 cr.
- GEOG 212 Weather and Climate 3 cr.
- GEOG 214 World Patterns of Plants and Animals 3 cr.
- GEOG 412 Advanced Climatology 3 cr.
- GEOL 202 Oceanography 2 cr.
- GEOL 269 Environmental Geology 2 cr.
- GEOL 327 Geomorphology & Glacial Geology 3 cr.
- GEOL 330 Meteorology 3 cr.
- GEOL 441 Introduction to Geophysics 3 cr.
- GEOL 445 Hydrogeology 3 cr.
- SOCI 338/ ANTH 338 Global Perspectives on Health and Disease 3 cr.

### **International Relations**

- GEOG 340 Europe 3 cr.
- GEOG 342 Latin America 3 cr.
- GEOG 344 Asia and Oceania 3 cr.
- HIST 328 World War II to the Cold War 3 cr.
- HIST 330 Revolutions in Modern History 3 cr.
- HIST 367 History of U.S. Foreign Policy 3 cr.
- POLS 245 Comparative Politics 3 cr.
- POLS 344 Politics of the Developing World 3 cr.
- POLS 346 Politics of Western Europe 3 cr.
- POLS 348 Politics of East Asia 3 cr.
- POLS 364 International War and Peace 3 cr.
- POLS 365 American Foreign Policy 3 cr.
- POLS 369 Politics of the World Economy 3 cr.
- POLS 377 The United Nations (may be taken three times) 1 cr.
- SOCI 231/ ANTH 231 Sociology of Globalization 3 cr.
- SPAN 371 Business and Culture in the Hispanic World 3 cr.

**SPAN 372** Spanish for the Trades and Professions 3 cr.

## Education Abroad

The education abroad category includes those courses approved by the INTS program committee. Any exceptions to the education abroad course list will be considered only if they are requested in writing prior to applying for the program.

**INTS 365** Contemporary Europe 3 cr.

**INTS 370** International Study Tour 1-3 cr.

**INTS 371/ POLS 371** German-Speaking Europe 3 cr.

**INTS 372/ POLS 372** The Politics of Scotland 3 cr.

**INTS 377** Semester Abroad 6 cr.

**MODL 376** Mexico: A Cultural Experience 3 cr.

**WIS 305** Scotland: Society and Globalization 3 cr.

**378** within depts. Semester Abroad Research 3-6 cr.

# UNIVERSITY OF WISCONSIN River Falls

## Journalism Major

### Journalism Major 43 cr. hrs.

#### Core Requirements: 30 cr. hrs.

- JOUR 110 Principles of Journalism 6 cr.  
 JOUR 201 Information Gathering 3 cr.  
 JOUR 202 Print News Writing  
 OR JOUR 203 Broadcast News Writing 3 cr.  
 JOUR 204 Public Affairs Reporting 3 cr.  
 JOUR 240 Introduction to Visual Communication 3 cr.  
 JOUR 304 News Practicum 3 cr.  
 JOUR 340 Media Management for News Entrepreneurs 3 cr.  
 JOUR 404 News Service 3 cr.  
 JOUR 465 Mass Communication Law 3 cr.

#### Two of the following production courses: 4 cr.

- JOUR 221 Radio News Production 2 cr.  
 JOUR 222 TV News Photography 2 cr.  
 JOUR 224 Online Media Production 2 cr.

#### Directed Electives, selected from the following: 9 cr.

- JOUR 250 First Amendment in American Society 3 cr.  
 JOUR 266 Photojournalism 3 cr.  
 JOUR 269 Multimedia Storytelling 3 cr.  
 JOUR 289 Special Topics in Journalism and Mass Communication 1-3 cr.  
 JOUR 302 History of Documentary  
 JOUR 303 Documentary Production 3 cr.  
 JOUR 305 News in the Movies  
 JOUR 315 Race, Class and News  
 JOUR 316 Media Ethics  
 JOUR 319 The Media and American Politics  
 JOUR 345 History of Mass Communication  
 JOUR 350 Mass Communication in the Global Age 3 cr.  
 JOUR 360 Opinion Writing 3 cr.  
 JOUR 378 Semester Abroad Research 3-6 cr.  
 JOUR 379 Internship in Journalism 1-3 cr.

## General Education

Journalism courses (other than the required supporting course, JOUR 101) cannot double count in both the journalism major and general education. Students must take courses other than journalism to meet their general education goals.

### Journalism and Secondary

**Education.** Students interested in teaching journalism and/or serving as a newspaper or yearbook advisor at the secondary school level may major or minor in journalism, and must take a second teaching area major such as English or broad area studies. The student should consult with the dean of the College of Education and Professional Studies for specific teaching requirements.

### Marketing Communications Major.

Journalism is one of seven academic departments participating in the interdisciplinary major of Marketing Communications.

### International Studies Major.

Journalism offers a directed elective (JOUR 460) that may count toward an International Studies major.

**Film Studies Minor.** Journalism is one of the departments from which courses may be taken for the Film Studies minor.

**JOUR 389** Special Topics in Journalism and Mass Communication 1-3 cr.

**JOUR 455** Mass Media and Society

**JOUR 489** Special Topics in Journalism and Mass Communication 1-3 cr.

**JOUR 490** Readings in Journalism and Mass Communication 1-3 cr.

**JOUR 499** Independent Projects in Journalism and Mass Communication 1-3 cr.

### Required Supporting Course.

**JOUR 101** Introduction to Mass Communication 3 cr.

(Note that the course also fulfills the General Education ethical citizenship requirement.)

### Professional Writing Minor.

Journalism is one of the subject fields included in the Department of English Professional Writing minor.

## Department of Journalism

310 North Hall  
715-425-3169  
[www.uwrf.edu/JOUR/](http://www.uwrf.edu/JOUR/)

Sandra Ellis-chair, Patricia Berg,  
Andris Straumanis.

Adjunct: Richard Burgsteiner

# UNIVERSITY OF WISCONSIN River Falls

## Journalism Minor

### Journalism Studies Minor 24 cr.

#### Core Requirements 15 cr.

**JOUR 110** Principles and Ethics of Journalism 6 cr.

**JOUR 240** Introduction to Visual Communication 3 cr.

**JOUR 340** Media Management for News Entrepreneurs 3 cr.

**JOUR 465** Mass Communication Law 3 cr.

#### Directed Electives: Select three from the following: 9 cr.

**JOUR 250** The First Amendment in American Society 3 cr.

**JOUR 302** History of Documentary 3 cr.

**JOUR 305** News in Popular Culture 3 cr.

**JOUR 315** Race, Class and News 3 cr.

**JOUR 316** Media Ethics 3 cr.

**JOUR 319** The Media and American Politics 3 cr.

**JOUR 345** History of Mass Communication 3 cr.

**JOUR 350** Mass Communication in the Global Age 3 cr.

**JOUR 455** Mass Media and Society 3 cr.

#### Required supporting course: 3 cr.

**JOUR 101** Introduction to Mass Communication 3 cr.

(Note that the course also fulfills the General Education ethical citizenship requirement.)

### Department of Journalism

310 North Hall  
715-425-3169  
[www.uwrf.edu/JOUR/](http://www.uwrf.edu/JOUR/)

Sandra Ellis-chair, Patricia Berg,  
Andris Straumanis. Adjunct: Richard  
Burgsteiner.

# UNIVERSITY OF WISCONSIN River Falls

## Law Enforcement Bachelor of Applied Science

Bachelor of Applied Science: 120 credits of which 60 credit hours must be at UW-River Falls

General Education/University Electives: 29-30 credit hours

### Law Enforcement (30 Credit Hours)

**SOCI 200** Sociological Inquiry 3 cr.

**SOCI 201** Theories of Sociology 3 cr.

**SOCI 250** Introduction to Social Statistics 3 cr.

**SOCI 300** Research Methods 3 cr.

**SOCI 210** Social Problems

or **SOCI 218** Deviant Behavior 3 cr.

**SOCI 321** Power and Inequality

or **SOCI 326** Sociology of Gender Roles

or **SOCI 328** Perspectives on Race Relations 3 cr.

**SOCI 241** Social Psychology

or **SOCI 341** Sociology of Later Life

or **SOCI 342** Sociology of Family 3 cr.

**SOCI 411** Seminar in Culture and Community

or **SOCI 421** Diversity Seminar

or **SOCI 431** Seminar in Globalization

or **SOCI 441** Seminar in Life Course 3 cr.

**CJ 322** Criminology 3 cr.

**CJ 310** Gangs in the United States

or **CJ 360** White Collar Crime

or **CJ 389** Race and Crime 3 cr.

Department of  
Sociology,  
Anthropology, and  
Criminal Justice

333 Kleinpell Fine Arts  
715-425-3992  
[www.uwrf.edu/SOCI/](http://www.uwrf.edu/SOCI/)

Rich Wallace-Chair, Erika Busse,  
Tricia Davis, B. Paige Miller, Edward  
Robins, Forrest Rodgers, Katie  
Schubert

### Contact:

Pam Bowen

**E-mail** or 715-425-0633

# UNIVERSITY OF WISCONSIN River Falls

## Management

### Business Administration Major- Management

#### Lower Division 21 cr. hrs.

- ECON 201** Principles of Microeconomics 3 cr.  
**ECON 202** Principles of Macroeconomics 3 cr.  
**ACCT 231** Principles of Accounting I 3 cr.  
**ACCT 232** Principles of Accounting II 3 cr.  
**CSIS 215** Information Systems for Business Management 3 cr.  
**ECON 226** Introduction to Statistics 3 cr.  
 or **MATH 226** Fundamentals of Statistics  
**BLAW 265** Business Law I 3 cr.

#### Upper Division 18 cr. hrs.

- MNGT 300** Management and Organizational Behavior 3 cr.  
**MKTG 310** Principles of Marketing 3 cr.  
**FINC 345** Managerial Finance 3 cr.  
**ECON 326** Statistical Methods for Economics and Business 3 cr.  
**MNGT 361** Operations Management 3 cr.  
**MNGT 485** Strategic Management 3 cr.

#### Required Management Courses: 9 cr. hrs.

- MNGT 320** Human Resource Management 3 cr.  
**MNGT 340** Ethical Leadership 3 cr.  
**MNGT 355** International Business 3 cr.

#### Management Electives: 9 cr. hrs.

Choose from:

- MNGT 318** Operations Research 3 cr.  
**MNGT 330** Managing Workplace Diversity 3 cr.  
**MNGT 341** Logistics 3 cr.  
**MNGT 350** Decision Making 3 cr.  
**MNGT 365** Business Process Management 3 cr.  
**MNGT 378** Study Abroad 3-6 cr.  
**MNGT 379** Internship 3 cr.  
**MNGT 380** International Business Seminar 3 cr.  
**MNGT 389** Special Topics .5-3 cr.  
**MNGT 430** Small Business Management 3 cr.

### Department of Management and Marketing

124 South Hall  
 715-425-3335  
[www.uwrf.edu/CBE/](http://www.uwrf.edu/CBE/)

Darryl Miller-Chair, Joy Benson, Brian Huffman, Claire Kilian, Ozcan Kilic, Marina Onken, Stacy Vollmers, Wei Zheng, Ellen Schultz-Academic Advisor.

The vision of the College of Business and Economics is to be a community of choice and the regional leader in the acquisition, study, application and sharing of business, economics and information technology knowledge. Consistent with this vision, the college is accredited by the Association to Advance Collegiate Schools of Business (AACSB) International.

### Admission Requirements

1. For all majors in the College of Business and Economics (CBE): Completion of at least 27 required general education credits with a minimum GPA of 2.25.
2. Additionally, the following must be completed, or in progress for completion, during the semester preceding admission.  
 GPA of 2.50 in ACCT 231, 232; CBE 100; ECON 201, 202; CSIS 215; ECON 205 or MATH 156 or MATH



**MNGT 480** Human Resource Management Seminar 3 cr.

166; ECON 226 or MATH 226; COMS

**MNGT 499** Independent Study 1-3 cr.

116 or ENGL 266.

**MKTG 315** Retail Management 3 cr.

**Support Electives: 6 cr. hrs.**

Choose supporting courses appropriate to area of interest with approval of adviser.

**Required Supporting Courses: 7 - 8 cr. hrs.**

**A. CBE 100** Orientation to CBE 0.5 cr.

**CBE 300** Professional Development 0.5 cr.

**B. COMS 116** Business and Professional Communication 3 cr.

(waived if taken as GenEd)

or **ENGL 266** Business Writing 3 cr.

**C. ECON 205** Quantitative Analysis 3 cr.

or **MATH 156** Calculus for Business and Social Sciences 3 cr.

or **MATH 166** Calculus I 4 cr.

**General Education Requirements: 38 cr. hrs.**

**General Electives to reach 120 credits (minimum to graduate)**

Undergraduate Business Administration students may not transfer more than six credits of 300/400 level courses from non-AACSB accredited programs and institutions into the major.

# UNIVERSITY OF WISCONSIN River Falls

## Marketing Communications Major

### Marketing Communications Major: 39 Total Credits

Core Requirements

Electives

Supporting Courses

#### Core Requirements: 25-28 cr. hrs.

**ART 121** Advertising Design I 3 cr.

**MARC 100** Writing for the Mass Media 3 cr.

**MARC 200** Introduction to Marketing Communications 3 cr.

**MARC 480** Seminar in Theory and Methods of Marketing Communications 3 cr.

**MKTG 311** Principles of Marketing for Marketing Communications Majors 3 cr.

**MKTG 312** Consumer Behavior 3 cr.

**MARC 311** Persuasion 3 cr.

**Choose one of the following internship courses: 2-4 cr. hrs.**

**MARC 379** Internship in Marketing Communications

or **MARC 279** Cooperative Education/Directed Work Experience or any CAFES department 270/370 internship

**MARC 279/379** may be combined and/or repeated for a total of 4 credit hours.

#### Directed Electives: 14-17 cr. hrs.

**Writing Electives-Select one from:**

**ENGL 266** Business Writing 3 cr.

**ENGL 367** Technical Writing 3 cr.

**ENGL 371** Proposal Writing: Change Through Rhetoric 3 cr.

**Visual Electives-Select one from:**

**JOUR 240** Introduction to Visual Communication 3 cr.

**DFT 260** TV Studio Production 3 cr.

**Oral Communication Elective-Select one from:**

**COMS 211** Public Speaking 3 cr.

**COMS 216** Communication in the Interview 3 cr.

**COMS 312** Argumentation and Decision Making 3 cr.

### General Education Requirements

**Including the following:**

**Communication: COMS 116**

Business and Professional Communication

**Math:** Proficiency in understanding statistics is required and may be demonstrated by completing one of the following: **MATH 216, PSYC 201, ECON 226, MATH 226, AGECE 320, ANSC 341**, or an equivalent course.

Completion of a listed statistics course may fulfill the general education mathematics requirement. See your adviser for further information....

### Interdisciplinary

310 North Hall  
715-425-3899  
FAX 715-425-0658  
[www.uwrf.edu/MARC/](http://www.uwrf.edu/MARC/)

Marketing Communications Steering Committee: Stephen Olsen-Chair, Marketing Communications; Mialisa Moline, English; Michael Padgett, Art; Darryl Miller, Business Administration; David Trechter, Agricultural Economics; Colleen Callahan, Journalism; James Pratt, Communication Studies and Theatre Arts; Tracy O'Connell, Marketing Communications.

The interdisciplinary marketing communications major integrates the

**COMS 416** Training and Development in Organizations

**MARC 207** Listening Skills 3 cr.

**Marketing/Promotion Electives-Select one from:**

**AGEC 410** Professional Selling 3 cr.

**MKTG 335** MARC Sales Promotion and Event Planning 3 cr.

**MARC 360** Advertising Principles 3 cr.

**MARC 370** Principles of Public Relations 3 cr.

**Other Electives:**

Select from the following courses or consult with department chair or adviser for additional elective choices to total 42 credits required in the major:

Please check the course descriptions in this catalog for course prerequisites.

**AGED 230** Agricultural News Writing 3 cr.

**MARC 289** Introduction to Black and White Photography 3 cr.

**MARC 250** MARC Ethics 3 cr.

**MARC 320** Evaluating MARC 3 cr.

**MARC 330** MARC for Non-profit Organizations 3 cr.

**MARC 335** MARC Sales Promotion and Event Planning (if not chosen in Category 6) 3 cr.

**MARC 340** MARC Sports Marketing 3 cr.

**MARC 345** MARC Campaigns 3 cr.

**MARC 350** MARC Branding 3 cr.

**MARC 360** Advertising Principles 3 cr.

**MARC 361** Advertising Methods 3 cr.

**MARC 370** Introduction to Public Relations 3 cr.

**MARC 371** Public Relations Methods 3 cr.

**MARC 389** Special Topics in Marketing Communications

**MKTG 315** Retail Management 3 cr.

**MKTG 325** Sales Effectiveness 3 cr.

**MKTG 334** Internet and Direct Marketing 3 cr.

**MKTG 342** Services Marketing 3 cr.

**MKTG 355** International Marketing 3 cr.

**MKTG 365** Marketing Research 3 cr.

activities of advertising, public relations, sales promotion, direct marketing, personal selling and cybermarketing into a single professional field of expertise. Students will develop knowledge and skills in oral, written and visual modes of communication. In addition to an introductory course and senior seminar in marketing communications, students will take courses from as many as seven departments in three colleges. Practical experience with current technology tools and a required internship program ensure that students have not only strong academic preparation, but also practical experience in marketing communications activities.

A student may complete the major in Marketing Communications in the **College of Arts and Sciences** or the **College of Agriculture, Food and Environmental Sciences**. Please consult your DAR for college-specific course requirements. It is recommended that a student completing the major in CAS or CAFES have a minor in that college. A minor is not offered in marketing communications.

**Required Supporting Courses: 9 credits**

**MATH 216** Elementary Statistical Concepts

OR **MATH 126**, Activities in Math

OR **ECON 226**, Introduction to Statistics  
OR **MATH 226**, Fundamentals of Statistics  
OR **AGEC 320**, Statistical Methods  
**ANSC 341** Biometrics  
OR **JOUR 101** Introduction to Mass Communications  
**COMS 116** Business and Professional Communication (CAS/CBE);

## Other requirements:

**Portfolio:** Prior to graduation, students must complete and present a professional portfolio for approval to the marketing communications unit.

**Internship:** An internship or approved directed work experience is required.

It is the student's responsibility to originate an internship or directed work experience that meets marketing communications departmental criteria.

Internships and directed work experiences must be approved by the Marketing communications internship supervisor before the work is done.

**GPA:** Students must maintain a 2.50 grade point average in the Marketing Communications Major.

# UNIVERSITY OF WISCONSIN River Falls

## Marketing

### Business Administration Major-Marketing

#### Lower Division 21 cr. hrs.

- ECON 201** Principles of Microeconomics 3 cr.  
**ECON 202** Principles of Macroeconomics 3 cr.  
**ACCT 231** Principles of Accounting I 3 cr.  
**ACCT 232** Principles of Accounting II 3 cr.  
**CSIS 215** Information Systems for Business Management 3 cr.  
**ECON 226** Introduction to Statistics 3 cr.  
 or **MATH 226** Fundamentals of Statistics  
**BLAW 265** Business Law I 3 cr.

#### Upper Division 18 cr. hrs.

- MNGT 300** Management and Organizational Behavior 3 cr.  
**MKTG 310** Principles of Marketing 3 cr.  
**FINC 345** Managerial Finance 3 cr.  
**ECON 326** Statistical Methods for Economics and Business 3 cr.  
**MNGT 361** Operations Management 3 cr.  
**MNGT 485** Strategic Management 3 cr.

#### Required Marketing Courses 12 cr. hrs.

- MKTG 312** Consumer Behavior 3 cr.  
**MKTG 355** International Marketing 3 cr.  
**MKTG 365** Marketing Research 3 cr.  
**MKTG 445** Marketing Strategy 3 cr.

#### Marketing Electives 9 cr. hrs.

Choose from:

- MKTG 315** Retail Management 3 cr.  
**MKTG 325** Sales Effectiveness 3 cr.  
**MKTG 330** Promotional Strategy 3 cr.  
**MKTG 334** Internet and Direct Marketing 3 cr.  
**MKTG 342** Services Marketing 3 cr.  
**MKTG 352** Business to Business Marketing 3 cr.  
**MKTG 379** Internship-Marketing 3 cr.  
**MKTG 389** Special Topics in Marketing 3 cr.  
**MKTG 499** Independent Study 1-3 cr.  
**MNGT 450** e-Commerce 3 cr.

### Department of Management and Marketing

**124 South Hall**  
**715-425-3335**  
[www.uwrf.edu/CBE/](http://www.uwrf.edu/CBE/)

Darryl Miller-Chair, Joy Benson, Brian Huffman, Claire Kilian, Ozcan Kilic, Marina Onken, Stacy Vollmers, Wei Zheng, Ellen Schultz-Academic Advisor.

The vision of the College of Business and Economics is to be a community of choice and the regional leader in the acquisition, study, application and sharing of business, economics and information technology knowledge. Consistent with this vision, the college is accredited by the Association to Advance Collegiate Schools of Business (AACSB) International.

### Admission Requirements

1. For all majors in the College of Business and Economics (CBE): Completion of at least 27 required general education credits with a minimum GPA of 2.25.
2. Additionally, the following must be completed, or in progress for completion, during the semester preceding admission:  
 GPA of 2.50 in ACCT 231, 232; CBE 100; ECON 201, 202; CSIS 215; ECON 205 or MATH 156 or MATH

166; ECON 226 or MATH 226; COMS

116 or ENGL 266.

**Support Electives: 6 cr. hrs.**

Choose from:

- CBE 370** International Study Tour
- COMS 213** Intercultural Communications 3 cr.
- COMS 306** Nonverbal Communication 3 cr.
- COMS 315** Communication and Social Change 3 cr.
- CSIS 333** Database Management Systems 3 cr.
- ECON 301** Intermediate Micro 3 cr.
- ECON 302** Intermediate Macro 3 cr.
- ECON 305** Money and Banking 3 cr.
- ECON 316** Managerial Economics 3 cr.
- ECON 324** Labor Economics 3 cr.
- ECON 340** Contemporary International Trade 3 cr.
- ECON 342** International Finance 3 cr.
- ECON 426** Forecasting and Econometrics 3 cr.
- ESM 377** Business Ecology 3 cr.
- FINC 314** Risk Management and Insurance 3 cr.
- FINC 350** Real Estate 3 cr.
- FINC 355** Multinational Financial Management 3 cr.
- GEOG 250** Introduction to Cartography and GIS 3 cr.
- MARC 370** Public Relations 3 cr.
- MNGT 318** Operations Research 3 cr.
- MNGT 330** Managing Workplace Diversity 3 cr.
- MNGT 340** Ethical Leadership 3 cr.
- MNGT 355** International Business 3 cr.
- MNGT 362** Logistical Management 3 cr.
- MNGT 430** Small Business Management 3 cr.
- PHIL 304** Business Ethics 3 cr.
- POLS 256** Public Policymaking 3 cr.
- POLS 260** Introduction to International Relations 3 cr.
- PSYC 265** Social Psychology 3 cr.
- PSYC 320** Psychology of Personality 3 cr.

**Required Supporting Courses: 7 - 8 cr hrs.**

- A. CBE 100** Orientation to CBE 0.5 cr.
- CBE 300** Professional Development 0.5 cr.
- B. COMS 116** Business and Professional Communication 3 cr.  
(waived if taken as GenEd)
- or **ENGL 266** Business Writing 3 cr.
- C. ECON 205** Quantitative Analysis 3 cr.

or **MATH 156** Calculus for Business and Social Sciences 3 cr.

or **MATH 166** Calculus I 4 cr.

**General Education Requirements: 38 cr. hrs.**

**General Electives to reach 120 credits (minimum to graduate)**

Undergraduate Business Administration students may not transfer more than six credits of 300/400 level courses from non-AACSB accredited programs and institutions into the major.

# UNIVERSITY OF WISCONSIN River Falls

## Master of Business Administration

### Overview of Program

### Degree Requirements

#### Evening MBA Program Requirements

- MNGT 700** Organizational Theory and Behavior, 3 credits
- MNGT 701** Leadership and Ethics, 3 credits
- MNGT 702** Strategy and Marketing, 3 credits
- MNGT 703** Human Resource Management, 3 credits
- MNGT 704** Fundamentals of Business Law, 2 credits
- MNGT 705** Operations Management, 3 credits
- FINC 706** Financial Management, 3 credits
- MNGT 709** Statistics, 3 credits
- MNGT 710** Practicum, 2 credits
- MNGT 720** Strategy and Organizational Performance, 3 credits
- MNGT 789** Special Topics in Management, 1 credit

#### Full-time MBA Program Requirements

- ECON 730** Managerial Statistics, 3 credits
- ECON 731** Managerial Economics, 3 credits
- FINC 732** Financial Management, 3 credits
- ACCT 734** Managerial Accounting, 3 credits
- MNGT 735** Operations Management, 3 credits
- MNGT 736** Marketing Management, 3 credits
- MNGT 738** Practicum, 3 credits
- MNGT 740** Global Strategic Management, 3 credits
- MNGT 743** Talent Management, 3 credits
- MNGT 733** Leading Change, 3 credits
- MNGT 737** Innovation and Design, 3 credits
- MNGT 739** International Business, 3 credits
- MNGT 742** Team Engagement, 3 credits

### College of Business and Economics

Leanne Van Allen, Director

[Email](#)

Tina Kelly, Program Assistant

[Email](#)

715-425-3335

[Website](#)



# UNIVERSITY OF WISCONSIN River Falls

## Mathematics Major

### Mathematics Major - Liberal Arts

#### Mathematics Major - Liberal Arts: 37 Total Credits

##### Required Courses: 19 cr. hrs.

**MATH 166** Calculus I 4 cr.

**MATH 167** Calculus II 4 cr.

**MATH 236** Discrete Mathematics 4 cr.

**MATH 256** Linear Algebra 3 cr.

**MATH 266** Calculus III 3 cr.

**MATH 485** Seminar in Mathematics (writing intensive) 1 cr.

##### Directed Electives: 18 cr. hrs.

Select at least six mathematics courses numbered higher than 300, excluding MATH 305 and 436

##### Required Supporting Courses: 3 cr. hrs.

select one from

**MATH 205** Mathematical Programming 3 cr.

or **CSIS 162** Programming II 3 cr.

### Mathematics Major - Education

#### Professional Education Courses 39 cr. hrs.

**TED 120** Introduction to Education and Instructional Technology 3 cr.

**TED 212** Educational Psychology 5 cr.

**TED 252** Foundations of Multicultural Education (d) 3 cr.

**TED 420** School and Society 3 cr.

**TED 438** Techniques in Middle/Sec. Education: Mathematics 3 cr.

**TED 464** Content Area Literacy in Middle & Secondary School Mathematics 3 cr.

**TED 467** Management Strategies for the Secondary Mathematics Classroom 3 cr.

**SPED 330** Exceptional Child 3 cr.

**TED 474** Student Teaching-Secondary Only 12 cr.

or **TED 473** and **474** Student Teaching-Middle/Secondary (6 cr. each)

**TED 414** Development of the Transescent 4 cr.

#### Major Requirements 36 Total Credits

##### Required Courses: 30 cr. hrs.

**MATH 166** Calculus I 4 cr.

#### General Education Requirements

### Department of Mathematics

207 North Hall  
715-425-3326  
[www.uwrf.edu/MATH/](http://www.uwrf.edu/MATH/)

Robert Coffman-Chair, Arunendu Chatterjee, Keith Chavey, Kathryn Ernie, Ioana Ghenciu, Erick Hofacker, Laurel Langford, Don Leake, Stephen List, Kathy Tomlinson, Alexandru Tupan, David Yurchak.

The mathematics department offers two options for mathematics majors, the liberal arts option and the education option. Both are based on a common core curriculum of 18 credit hours.

1. The liberal arts mathematics major is designed for students who desire a general education in mathematics as a background for graduate school or a career related to mathematics.
2. The education mathematics major is designed for prospective secondary school teachers. The curriculum provides the student with specialized preparation in mathematics and professional training required to obtain teacher certification.

**MATH 167** Calculus II 4 cr.

**MATH 236** Discrete Mathematics 4 cr.

**MATH 256** Linear Algebra 3 cr.

**MATH 266** Calculus III 3 cr.

**MATH 351** Abstract Algebra 3 cr.

**MATH 356** Probability 3 cr.

**MATH 411** Geometry 3 cr.

**MATH 316** Mathematical Modeling 3 cr.

or **MATH 326** Applied Statistics 3 cr.

or **MATH 357** Mathematical Statistics 3 cr.

**Directed Electives: 6 cr. hrs.**

Select at least two mathematics courses numbered higher than 300,  
excluding MATH 305, 371, 379 and 436

**Required Supporting Courses: 5 cr. hrs.**

**MATH 436** History of Mathematics (writing intensive) 2 cr.

**MATH 305** Integrating Technology in Teaching Secondary Mathematics 3 cr.

# UNIVERSITY OF WISCONSIN River Falls

## Mathematics Minor

### Mathematics Minor - Liberal Arts

**Mathematics Minor - Liberal Arts: 24 Total Credits**

**Required Courses: 18 cr. hrs.**

**MATH 166** Calculus I 4 cr.

**MATH 167** Calculus II 4 cr.

**MATH 236** Discrete Mathematics 4 cr.

**MATH 256** Linear Algebra 3 cr.

**MATH 266** Calculus III 3 cr.

**Directed Electives: 6 cr. hrs.**

Select at least two mathematics courses numbered 300 or higher excluding MATH 305 and 436

**Required Supporting Courses: 3 cr. hrs.**

Select one from

**MATH 205** Mathematical Programming 3 cr.

or **PHYS 211** Scientific Program 3 cr.

or **CSIS 162** Programming II 3cr.

### Mathematics Minor - Education Early Adolescence - Adolescence

**Mathematics Minor - Education: 24 Total Credits**

**Required Courses: 21 cr. hrs.**

**MATH 166** Calculus I 4 cr.

**MATH 167** Calculus II 4 cr.

**MATH 236** Discrete Mathematics 4 cr.

**MATH 256** Linear Algebra 3 cr.

**MATH 326** Applied Statistics 3 cr.

**MATH 411** Geometry 3 cr.

**Directed Electives: 3 cr. hrs.**

Select one mathematics course numbered 266 or higher excluding MATH 279, 305, 371, 379 and 436

**Required Supporting Courses: 5 cr. hrs.**

**MATH 305** Integrating Technology in Teaching Mathematics 3 cr.

**MATH 436** History of Mathematics 2 cr.

**Professional Courses (in addition to the major) 6 cr. hrs.**

**TED 438** Techniques in Middle/Sec. Education: Mathematics 3 cr.

**TED 414** Development of the Transescent 3 cr.

### Department of Mathematics

207 North Hall  
715-425-3326  
[www.uwrf.edu/MATH/](http://www.uwrf.edu/MATH/)

Robert Coffman-Chair, Keith Chavey,  
Arunendu Chatterjee, Kathryn Ernie,  
Ioana Ghenciu, Erick Hofacker, Laurel  
Langford, Don Leake, Stephen List,  
Kathy Tomlinson, Alexandru Tupan,  
David Yurchak.

## Mathematics Minor - Middle Childhood - Early Adolescence For Elementary Education Majors

### Minor Requirements 22-23 Total Credits

#### Required Courses: 16 cr. hrs.

**MATH 166** Calculus I 4 cr.

**MATH 216** Elementary Statistical Concepts 3 cr.

**MATH 236** Discrete Mathematics 4 cr.

**MATH 248** Elementary Mathematics from an Advanced Standpoint 3 cr.

**MATH 436** History of Mathematics 2 cr.

#### Directed Electives: 6-7 cr. hrs.

select two of the following

**MATH 167** Calculus II 4 cr.

**MATH 256** Linear Algebra 3 cr.

**MATH 260** LOGO for Teachers 3 cr.

**MATH 306** Number Theory 3 cr.

**MATH 336** Combinatorics and Graph Theory 3 cr.

**MATH 351** Abstract Algebra 3 cr.

**MATH 356** Probability 3 cr.

**MATH 361** Symbolic Logic 3 cr.

**MATH 411** Geometry 3 cr.

## Mathematics Minor - Business or Social Science

### Mathematics Minor - Business or Social Science: 24 Total Credits

#### Required Courses: 18 cr. hrs.

**MATH 166** Calculus I 4 cr.

**MATH 167** Calculus II 4 cr.

**MATH 236** Discrete Mathematics 4 cr.

**MATH 256** Linear Algebra 3 cr.

**MATH 226** Fundamental of Statistics 3 cr.

or **MATH 326** Applied Statistics

#### Directed Electives: 6 cr. hrs.

Select two mathematics courses numbered 300 or higher, excluding **MATH**

**305**, **MATH 326** and **MATH 436**

# UNIVERSITY OF WISCONSIN River Falls

## Mathematics, MSE

### Overview of Program

#### Degree Requirements for Master of Science in Education in Mathematics

Students are required to take 24 credits (six courses) in core mathematics, six credits of course work in the College of Education and Professional Studies, and an independent research (Plan B) paper.

**Required Education Courses**, 6-7 graduate credits:

**TED 760** - Methods in Research, 3 credits

**Plus one of the following:**

**TED 740** History/Philosophy/Multicultural Foundations of Education in America, 4 credits

**TED 750** Advanced Educational Psychology, 3 credits

**TED 755** Social Issues in Education, 3 credits

**Area of Specialization - Mathematics**, 24 graduate credits:

The Mathematics courses are offered in two, consecutive four-week sessions during the summer. Classes are repeated every three years.

**MATH 711** Geometry for Educators, 4 credits

**MATH 726** Statistics for Educators, 4 credits

**MATH 736** Discrete Math for Educators, 4 credits

**MATH 751** Modern Algebra for Educators, 4 credits

**MATH 756** Probability for Educators, 4 credits

**MATH 766** Calculus for Educators, 4 credits

#### For More Information

Robert Coffman

**Mathematics Department**

715-425-3326

**Email**

# UNIVERSITY OF WISCONSIN River Falls

## Military Science and Leadership Minor

### Military Science and Leadership Minor: 23-27 Credits

South Hall, Room 10 / 12  
715-425-3358  
[www.uwrf.edu/ROTC/](http://www.uwrf.edu/ROTC/)

#### **Military Science Area of Emphasis - 8-10 cr. hrs.**

**MSL 101** Leadership and Personal Development 2 cr.

**MSL 102** Introduction to Tactical Leadership 2 cr.

**MSL 201** Innovative Team Leadership 3 cr.

**MSL 202** Foundations of Tactical Leadership 3 cr.

#### **For students who have completed Basic Military Training or the Leaders Training Course**

**MSL 301** Adaptive Team Leadership 4 cr.

**MSL 302** Leadership Under Fire 4 cr.

Major Tabb B. Benzinger

Assistant Professor of Military  
Science - Northwoods Battalion

Sergeant First Class Gary Robinson

Instructor of Military Science -  
Northwoods Battalion

#### **Communication Area of Emphasis - 3 cr. hrs.**

##### **Select one course**

**CSTA 101** Fundamentals of Oral Communication 3 cr.

**CSTA 116** Business and Professional Communication 3 cr.

#### **History Area of Emphasis - 3 cr. hrs.**

##### **Select one course**

**HIST 327** WWI to WWII 3 cr.

**HIST 328** WWII to Cold War 3 cr.

**HIST 332** The Islamic Middle East to 1500 3 cr.

**HIST 358** United States History 1890-1945 3 cr.

**HIST 359** United States History From 1945 3 cr.

#### **Human Society Area of Emphasis - 6-8 cr. hrs.**

##### **Select two courses**

**ANTH 100** Introduction to Anthropology 3 cr.

**CHIN 102** Beginning Chinese II 4 cr.

**ETHN 200** Ethnic Studies 3 cr.

**FREN 102** Beginning French II 4 cr.

**GEOG 120** Human Geography 3 cr.

**GERM 102** Beginning German II 4 cr.

**INTS 200** Introduction to International Studies 3 cr.

**JAPN 102** Beginning Japanese II 4 cr.

**PHIL 240** Social Ethics 3 cr.

- PHIL 245 Eastern Religions and Islam 3 cr.
- POLS 256 Public Policy Making 3 cr.
- POLS 260 Introduction to International Relations 3 cr.
- POLS 364 International War and Peace 3 cr.
- POLS 365 American Foreign Policy 3 cr.
- POLS 367 History of United States Foreign Policy 3 cr.
- SOCI 208 Sociology of Diversity 3 cr.
- SPAN 102 Beginning Spanish II 4 cr.

**Leadership and Management Area of Emphasis - 3 cr. hrs.**

**Select one course**

- MNGT 300 Management and Org Behavior 3 cr.
- MNGT 330 Managing Workplace Diversity 3 cr.
- MNGT 340 Ethical Leadership 3 cr.
- PHIL 230 Logical Reasoning 3 cr.
- POLS 225 Public Administration 3 cr.

UNIVERSITY OF WISCONSIN **River Falls****Modern Language Major**

French

German

Spanish

**Modern Language Major - Liberal Arts: 34 Total Credits****French Option-Liberal Arts**

Required Courses: 19 cr. hrs.

**FREN 102** Beginning French II 4**FREN 201** Intermediate French I 3**FREN 202** Intermediate French II 3**FREN 301** Conversation and Composition I 3**FREN 302** Conversation and Composition II 3**FREN 401** Advanced French Communication 3**Directed Electives: 15 cr. hrs****Select 12 credits from:****FREN 316** French Cinema 3**FREN 341** French Civilization 3**FREN 342** Modern France and Francophone Cultures 3**FREN 351** Survey of French Literature to 1800 3**FREN 352** Survey of French Literature 1800 to present 3**FREN 372** French for the Professions**FREN 373** French Translation for the Professions**Select 3 credits from:****FREN 451** French Prose Fiction 3**FREN 452** French Poetry 3**FREN 453** French Drama 3**FREN 490** Readings in French 1-3**MODL 379** Internship in Modern Language 2-3**French Option-Education****Required Courses: 31 cr. hrs.****FREN 102** Beginning French II 4**FREN 201** Intermediate French I 3**FREN 202** Intermediate French II 3**FREN 301** Conversation and Composition I 3**FREN 302** Conversation and Composition II 3**FREN 316** French Cinema 3**General Education Requirements**BA and BS Liberal Arts majors as listed for **CAS**;BS Education majors as listed for **CEPS**.**Department of Modern Language****284 Kleinpell Fine Arts  
715-425-3121  
[www.uwrf.edu/MODL/](http://www.uwrf.edu/MODL/)**

Kristine Butler-Chair, Cecilia Bustamante, Marina Calas, Juan-Carlos Chaves, Sharon Gerlach, Terrence Mannetter, Rebecca Raham, Judy Wyatt-Schlei, Julie Kovacic, Lisa Showers, Magara Maeda, Wen Zhang

The Modern Language Department offers a major in Modern Language with French, German and Spanish options. These programs lead to a B.A. or B.S. degree in liberal arts or a B.S. degree in secondary education. Minors are offered in French, German and Spanish. Two years of Chinese and Japanese are also available. Students who have studied a modern language in high school should take the Wisconsin Modern Language Placement Test, offered in spring Regional Testing and during all registration periods. Students may



- FREN 341** French Civilization 3  
**FREN 342** Modern France and Francophone Cultures 3  
**FREN 351** Survey of French Literature to 1800 3  
**FREN 352** Survey of French Literature 1800 to present 3  
**FREN 401** Advanced French Communication 3

**Required supporting courses not part of major: 6 cr. hrs.**

- FREN 350** French Phonetics 3  
**TED 437** Techniques of Middle/Secondary Education: Modern Language 2  
**TED 448** Techniques of Elementary Education: Modern Language 2

test out of up to fourteen credits.

Test-out credits are not granted until the student completes the next level course with the grade of B- or better.

## Modern Language Major - Liberal Arts: 34 Total Credits

### German Option-Liberal Arts

**Required Courses: 19 cr. hrs.**

- GERM 102** Beginning German II 4  
**GERM 201** Intermediate German I 3  
**GERM 202** Intermediate German II 3  
**GERM 301** Conversation and Composition I 3  
**GERM 302** Conversation and Composition II 3  
**GERM 401** Advanced German Communication 3

**Directed Electives: 15 cr. hrs.**

**Select 12 credits from:**

- GERM 275** Business German 3  
**GERM 315** German Classic and Modern Film 3  
**GERM 341** German Civilization 3  
**GERM 342** Modern German-speaking Cultures 3  
**GERM 351** Survey of German Literature to Classicism 3  
**GERM 352** Survey of German Literature from Classicism to Present 3

**Select 3 credits from:**

- GERM 451** German Drama and Theatre 3  
**GERM 452** German Tale, Short Story and Novella 3  
**GERM 453** German Poetry 3  
**GERM 490** Readings in German 1-3  
**MODL 379** Internship in Modern Language 2-3

## Modern Language Major - Liberal Arts: 34 Total Credits

## Spanish Option-Liberal Arts

**Required Courses: 19 cr. hrs.**

**SPAN 102** Beginning Spanish II 4

**SPAN 201** Intermediate Spanish I 3

**SPAN 202** Intermediate Spanish II 3

**SPAN 301** Conversation and Composition I 3

**SPAN 302** Conversation and Composition II 3

**SPAN 401** Advanced Spanish Communication 3

Directed Electives: 15 cr. hrs.

**Select 6 credits from:**

**SPAN 341** Spanish Civilization to 1800 3

**SPAN 342** Spanish Civilization 1800 to Present 3

**SPAN 345** Latin American Civilization to 1800 3

**SPAN 346** Latin American Civilization 1800 to Present 3

**MODL 376** Mexico: A Cultural Experience 3

OR

**MODL 379** Internship in Modern Language 2-3

Note: Majors may take either **MODL 379** or **MODL 376**, but not both

**Select 6 credits from either Category A or B:**

Category A:

**SPAN 351** Survey of Spanish Literature-Siglo de Oro 3

**SPAN 352** Survey of Spanish Literature-Generation of 1898 to Present  
3

**SPAN 355** Survey of Latin American Literature-Conquest to  
Independence 3

**SPAN 356** Survey of Latin American Literature-Independence to  
Present 3

Category B:

**SPAN 371** Business and Culture in the Hispanic World 3

**SPAN 372** Spanish for the Trades and Professions 3

**SPAN 373** Spanish Translation for the Professions 3

**SPAN 374** Spanish Professional Writing 3

**Select 3 credits from:**

**SPAN 452** Advanced Spanish Literature 3

**SPAN 455** Advanced Latin American Literature 3

### Spanish Option-Education

**Complete Spanish Major Liberal Arts Option program above**

**Required supporting courses not part of major: 6 cr. hrs.**

**SPAN 350** Spanish Phonetics 3

**TED 437** Techniques of Middle/Secondary Education: Modern

Language 2

**TED 448** Techniques of Elementary Education: Modern Language 2

# UNIVERSITY OF WISCONSIN River Falls

## Montessori Teacher Education Graduate Program

### Program Overview

#### Program Curriculum

The academic plan will depend on the age level certification and whether or not a master's degree is also sought.

#### Early Childhood (ages 3-6) Certification, 28 credits

**MONT 500** Montessori Philosophy and Pedagogy, 2 cr.

**MONT 710** Practical Life, Sensorial, and Preparation of the Environment, 4 cr.

**MONT 712** Child Development and Observation 3 cr.

**MONT 722** Language Arts and Literacy Foundations, 3 cr.

**MONT 732** Cultural Arts (Social Studies and Science), 3 cr.

**MONT 742** EC Mathematics 2 cr.

**MONT 752** Movement and the Arts 2 cr.

**MONT 762** Classroom Leadership, 3 cr.

**MONT 781** and **MONT 782** Practicum A and B, 2 cr. each, total 4 cr.

**MONT 791** and **MONT 792** Certification Projects A and B, 1 credit each, total 2 cr.

#### Add On Master of Science in Education, 4 additional credits

Complete the courses required above then complete the following courses:

**MONT 785** Research Methods, 3 cr.

**MONT 793** Plan B Paper, 3 cr. (replaces MONT 791 and 792 in Certification curriculum)

#### Elementary I (ages 6-9) Certification, 35-38 cr.

**MONT 500** Montessori Philosophy and Pedagogy, 2 cr.

**MONT 505\*** Overview of EC Curriculum, 3 cr.

**MONT 712** Child Development and Observation, 3 cr.

**MONT 724** Language Arts and Literacy, 4 cr. (*pending approval*)

**MONT 734** E-I Social Studies (Culture), 3 cr.

**MONT 735** E-I Science, 3 cr.

**MONT 744** Elementary I Math, 3 cr.

**MONT 745** E-I Geometry, 2 cr.

#### For More Information

Linda Jacobson, Outreach Program Manager

[Email](#)

715-425-3190 or 800-228-5607

Dr. Gay Ward, College of Education and Professional Studies

[Email](#)

715-425-3190

**MONT 754** Physical Education and Arts, 4 cr.

**MONT 764** Elementary Classroom Leadership, 3 cr.

**MONT 783** and **MONT 784** Practicum A and B, 3 cr. each, total 6 cr.

**MONT 791** and **MONT 792** Certification Projects A and B, 1 credit each,  
total 2 cr.

\*Required if student does not have Montessori certification in Early  
Childhood (ages 3-6).

### **Add On Master of Science in Education, 4 additional credits**

Complete the courses required above then complete the following courses:

**MONT 785** Research Methods, 3 cr.

**MONT 793** Plan B Paper, 3 cr. (replaces MONT 791 and 792 in Certification  
curriculum)

### **Add On Elementary II (ages 9-12) Certification, 15 additional credits**

Complete the Elementary 1 courses above unless the applicant is already  
certified to teach ages 6-9 and then complete the following courses:

**MONT 726** E-II Language Arts and Literacy, 3 cr. (*pending approval*)

**MONT 736** E-II History and Geography, 3 cr.

**MONT 737** E-II Physical Sciences, 2 cr.

**MONT 738** E-II Biological Sciences, 2 cr.

**MONT 747** E-II Geometry, 2 cr.

**MONT 746** E-II Math, 3 cr.

# UNIVERSITY OF WISCONSIN River Falls

## Music Major

### Bachelor of Arts or Bachelor of Science - Liberal Arts Music

**Music Major - Liberal Arts (minor required): 46 Total Credits**

**Requirements: 35 cr. hrs.**

**MUS 130** Music Theory and Ear Training I 4 cr.

**MUS 131** Music Theory and Ear Training II 4 cr.

**MUS 230** Music Theory and Ear Training III 4 cr.

**MUS 231** Music Theory and Ear Training IV 4 cr.

**MUS 234** Music History and Literature I (writing intensive) 4 cr.

**MUS 235** Music History and Literature II (writing intensive) 4 cr.

**MUS 333** 20th Century Music 3 cr.

**MUSA** 100 level Applied Music-credits must be in the same area. 4 cr.

**MUSE** Music Ensembles 4 cr.

**Directed Electives: 11 cr. hrs.**

MUSA or MUSE Performance credits (Applied Music or Ensembles) 4 - 6 cr.

Music Pedagogy, Techniques Course(s) or Academic Music course 200

level and above 4 - 6 cr.

### Bachelor of Music Education

**Music Education Major 69 Total Credits**

**Requirements: 36 cr. hrs.**

**MUS 130** Music Theory and Ear Training I 4 cr.

**MUS 131** Music Theory and Ear Training II 4 cr.

**MUS 230** Music Theory and Ear Training III 4 cr.

**MUS 231** Music Theory and Ear Training IV 4 cr.

**MUS 234** Music History and Literature I (writing intensive) 4 cr.

**MUS 235** Music History and Literature II (writing intensive) 4 cr.

**MUS 240** Piano Proficiency - Examination: MUS 140 0 cr.

(Class Piano) must be taken until 240 is passed; 140 and 240 credits are not counted toward music major.

**MUS 333** 20th Century Music 3 cr.

**MUS 351** Music Education I 3 cr.

**MUS 352** Music Education II 3 cr.

**MUS 491** Senior Recital 0 cr.

**MUS 200+** Any Music Course 200 and above 3 cr.

Pianists must take MUS 440: Piano Pedagogy

### General Education Requirements

BA and BS Liberal Arts majors as listed for **CAS**.

BS Education majors as listed for **CEPS**.

### Department of Music

**B46 Kleinpell Fine Arts**  
**715-425-3183**  
**[www.uwrf.edu/MUS/](http://www.uwrf.edu/MUS/)**

David Milne - Chair

Joy Killough Amel, Thomas Barnett, Peter Benson, Gary Bird, Patti Cudd, Laura Edman, Rick Gaynor, Eric Graham, Joseph Hagedorn, Craig Hara, Giselle Hillyer, Camilla Horne, Lesa Jacobsen, Stanley King, Carol Mason-Smith, Roger McVey, Polly Meyerding, Patrick O'Keefe, Gail Olszewski, Krista Palmquist, J.W. Park, Michael Roy, Kristin Tjornehoj, Charles Wazanowski, Kirsten Whitson, Matt Wilson.

The University of Wisconsin-River Falls Music Department offers high-quality undergraduate programs in music leading to the degrees Bachelor of Music Education, Bachelor of Arts in Music, Bachelor of Science in Music, as well as Minors in Music and Musical Theater. The University of Wisconsin-River Falls is an accredited institutional member of the National Association of Schools of

**Required Courses for Choral/General Certification: 33 cr. hrs.**

**MUSA 127** Applied Voice-Pianists may substitute 3 cr. of Applied Piano

**MUSA 125** (2 per semester) 8 cr.

**MUSA 327** Applied Voice (upper level)-Pianists may substitute 3 cr. of Applied Piano **MUSA 325** (2 per semester) 6 cr.

**MUSE 108** Concert Choir (required each semester)

**MUS 102** Class Guitar 1 cr.

**MUS 247** Diction I: IPA and Italian 1 cr.

**MUS 248** Diction II: German and French 1 cr.

**MUS 341** Vocal and Choral Pedagogy 3 cr.

**MUS 342** Conducting 2 cr.

**MUS 344** Choral Conducting 2 cr.

**MUS 331** Choral Composition and Arranging 3 cr.

**MUS 340** Opera Techniques 3 cr.

**MUS 433** Choral Literature 3 cr.

**Required Courses for Instrumental/General Certification: 33 cr. hrs.**

**MUSA 100** level Applied-credits must be in the same area (2 per semester) 8 cr.

**MUSA 300** level Applied-upper level-credits must be in the same area (2 per semester) 6 cr.

**MUSE 111** University-Community Orchestra

or **MUSE 113** Wind Ensemble (large ensemble required each semester)

**MUS 102** Class Guitar 1 cr.

**MUS 103** Class Voice 1 cr.

**MUS 141** String Techniques 1 cr.

**MUS 241** Woodwind Techniques I 1 cr.

**MUS 242** Woodwind Techniques II 1 cr.

**MUS 243** Brass Techniques I 1 cr.

**MUS 244** Brass Techniques II 1 cr.

**MUS 245** Percussion Techniques I 1 cr.

**MUS 246** Percussion Techniques II 1 cr.

**MUS 342** Conducting 2 cr.

**MUS 343** Instrumental Conducting 2 cr.

**MUS 330** Orchestration 3 cr.

**MUS 431** Instrumental Literature 3 cr.

**Required for Teacher Certification: 32 cr. hrs.**

(not counted in major total)

**Choral/General or Instrumental/General (courses to be taken in the College of Education)**

**TED 120** Introduction to Education and Instructional Technology 3 cr.

**TED 211** or **TED 212** Educational Psychology: Middle and Secondary

Music (NASM).

The Bachelor of Arts (B.A.) and Bachelor of Science (B.S.) degrees are designed for students seeking admittance to a professional graduate school, or pursuing a music related career. The B.A. degree does not require a minor, however it does require a selection of courses Language Competency and International Components. The B.S. degree requires a minor or double major. The B.A. and B.S. degrees do not provide teacher certification

The Bachelor of Music Education (B.M.E.) degree is designed to train and certify public school music teachers. In the B.M.E. degree program, students may elect either a Choral/General Music (K-12) emphasis (includes a piano-vocal option), or an Instrumental/General Music (K-12) emphasis. The B.M.E. degree does not require a minor.

The department also offers a Music Minor (non-teaching) and a Musical Theatre Minor. All applicants for admission to degree programs in music must satisfactorily complete a performance audition. Audition requirements for all performance areas are available from the Music Department. In addition to the performance audition, all transfer applicants must take a music theory and history placement exam. The results of the exam will determine the appropriate course levels. Music

Education 5 cr.

**TED 252** Multicultural Education 3 cr.

**TED 420** School and Society 3 cr.

**TED 422** Content Area Literacy 3 cr.

**SPED 330** The Exceptional Child 3 cr.

**TED 475** Student Teaching 12 cr.

students should consult the department handbook, which clarifies course requirements and provides additional pertinent information.

The University of Wisconsin-River Falls is an accredited institutional member of the National Association of Schools of Music.



# UNIVERSITY OF WISCONSIN River Falls

## Music Minor

### Music Minor: 24 Total Credits

**Required Courses: 16 cr. hrs.**

**MUS 130** Music Theory and Ear Training I 4 cr.

**MUS 131** Music Theory and Ear Training II 4 cr.

**MUS 234** Music History and Literature I (writing intensive) (can be double counted in Gen. Ed.) 4 cr.

**MUS 235** Music History and Literature II (writing intensive) 4 cr.

**Directed Electives: 8 cr. hrs.**

MUS Choose from the areas of music history, music theory, jazz, composition, piano pedagogy, or applied.

### Department of Music

B46 Kleinpell Fine Arts

715-425-3183

[www.uwrf.edu/MUS/](http://www.uwrf.edu/MUS/)

David Milne - Chair

Joy Killough Amel, Thomas Barnett,  
Peter Benson, Gary Bird, Patti Cudd,  
Laura Edman, Rick Gaynor, Eric  
Graham, Joseph Hagedorn, Craig  
Hara, Giselle Hillyer, Camilla Horne,  
Lesa Jacobsen, Stanley King, Carol  
Mason-Smith, Roger McVey, Polly  
Meyerding, Patrick O'Keefe, Gail  
Olszewski, Krista Palmquist, J.W.  
Park, Michael Roy, Kristin Tjornehoj,  
Charles Wazanowski, Kirsten  
Whitson, Matt Wilson.

# UNIVERSITY OF WISCONSIN River Falls

## Musical Theatre Minor

### Musical Theatre Minor: 24 Total Credits

#### Required Courses: 18 cr. hrs.

MUS 103 Class Voice 1 cr.

MUS 130 Music Theory and Ear Training I 4 cr.

MUS 131 Music Theory and Ear Training II 4 cr.

MUS 225 Voice for the Actor 1 cr.

THEA 121 Acting I: Basic Techniques 3 cr.

THEA 225 Musical Theatre Performance 3 cr.

THEA 375 Theatre Practicum: Production 2 cr.

#### Directed Electives: 2 cr. hrs.

##### Select from the following:

DANC 107 Social Dance .5 cr.

DANC 110 Basic Jazz Dance .5 cr.

DANC 120 Fundamentals of Movement through Dance 1 cr.

DANC 150 Dance Improvisation 1 cr.

DANC 224 Ballet I 1 cr.

#### Electives: 4 cr. hrs.

##### Select from the following:

DANC 107 Social Dance .5 cr.

DANC 110 Basic Jazz Dance .5 cr.

DANC 224 Ballet I 1 cr.

DANC 260 Dance Repertory 1-3 cr.

THEA 131 Design for the Theatre 3 cr.

#### A maximum of 3 credits from the following 3 courses may be applied toward electives:

THEA 231 Stage Technology and Scene Painting 3 cr.

Or THEA 332 Stage Costuming 3 cr.

Or THEA 333 Stage Lighting 3 cr.

THEA 221 Acting II: Characterization 3 cr.

THEA 222 Voice and Articulation 3 cr.

THEA 288 Career Development: Theatre Arts 1 cr.

THEA 339 American Theatre 3 cr.

MUSA 127 Applied Voice (a maximum of 2 may be applied toward electives)  
1 cr.

MUS 230 Music Theory and Ear Training III 4 cr.

MUS 340 Opera Techniques 3 cr.

### Interdisciplinary

The minor in Musical Theatre, offered as a collaborative effort between the departments of communication studies and theatre arts and music, is designed to provide students an opportunity to gain formal training. It includes courses in music theory and performance, dance styles, and stage movement, as well as additional courses in theatrical performance, production and design, with special consideration to their application in creation of and performance in musical production. This minor is available to all students, including music and theatre majors and minors.

Students majoring in Music or Speech (any emphasis) may not double count any course when completing the Musical Theatre Minor.

Speech Communication and Theatre Arts and Music majors should consult with an adviser and substitute other electives (from the list above) for those required in both their major and minor.

# UNIVERSITY OF WISCONSIN River Falls

## Outdoor Education Minor

### Program Requirements

#### 24 Total Credits

#### Required Courses: 14- 17 cr. hrs.

- P ED 201 Outdoor Education Summer Concepts and Skills (Sp) 3 cr.  
 P ED 202 Outdoor Education Winter Concepts and Skills (Sp) 3 cr.  
 P ED 275 Leadership in School-Based Adventure Education (F) 3 cr.  
 P ED 301 Foundation of Outdoor Leadership (F) (Pre-req P ED 201 & 202)  
 3 cr.  
 P ED 371 Recreation Field Study (F/Sp/Jterm/Summer) 1-4 cr.  
 SFED 200 First Aid and Basic Life Support (F/Sp) (SFED 212 Sp also  
 accepted) .5 cr.

#### Electives 7-10 cr. hrs.

- BIOL 210 General Botany (F/Sp) (Pre-req BIOL 150) 3 cr.  
 ESM 151 Introduction to Land use Theory & Practice (F/Sp) 3 cr.  
 ESM 300 Environmental Education (F/Sp) 3 cr.  
 ESM 307 Cultural Perspectives on the Environment 3 cr.  
 EXSS 450 Sport, Fitness and Recreation Management (F) 3 cr.  
 GEOG 110 Physical Environment: Patterns & Systems (F/Sp) 3 cr.  
 GEOG 212 Weather & Climate (F, alternate years) 3 cr.  
 GEOG 250 Introduction to Geographic Information Science (F/Sp) 3 cr.  
 GEOL 101 Introduction to Geology (F/Sp) 3cr.  
 GEOL 102 Introduction to Geology Laboratory (F/Sp) 1 cr.  
 GEOL 269 Environmental Geology (F) 3 cr.  
 P E 118 Scuba (F/Sp) .5 cr.  
 P ED 105 Backpacking/Wilderness Awareness (Summer w/P ED 106 &  
 255) 1 cr.  
 P ED 106 Canoeing (Summer w/P ED 105 & 255) 1 cr.  
 P ED 109 Recreational Climbing (F/Sp) 1 cr.  
 P ED 147 Water Safety Instructor (Sp) 2 cr.  
 P ED 255 Techniques in Sport Fishing (Summer w/P ED 105 & 106) 1 cr.  
 P ED 300 Adapted Physical Education (F) (Pre-req P ED 245) 3 cr.  
 POLS 355 Environmental Law(Pre-req POLS 114 & BIOL 100 or 150) 3 cr.  
 SOCI 343 Sociology of Sport and Leisure (F) (Pre-req SOCI 100) 3 cr.

### Department of Health and Human Performance

111 Karges Center  
715-425-3705  
[www.uwrf.edu/HHP/](http://www.uwrf.edu/HHP/)

Chair-Joe O'Kroy, Jeff Berkhof, Rob  
Confessore, Matt Ebner, Ken Ecker,  
Gary Eloranta, Patti Ford, Steve  
Freeman, Stacy Furness, James  
Gostomski, Cindy Holbrook, Faye  
Perkins, Robert Ritzer, Jodee  
Schaben, Paul Shirilla, Matt Walker,  
Jake Wissing

UNIVERSITY OF WISCONSIN **River Falls****Philosophy Minor****Philosophy Requirements, 24 Total Credits****Required Courses: 9 cr. hrs.**

PHIL 221 Ancient Philosophy 3 cr.

PHIL 230 Logical Reasoning 3 cr.

PHIL 323 Science and the Philosophers in the Age of Enlightenment 3 cr.

**Directed Electives: 15 cr. hrs.****Five additional PHIL courses****Department of  
History and  
Philosophy****307 Kleinpell Fine Arts  
715-425-3164  
[www.uwrf.edu/HIST/](http://www.uwrf.edu/HIST/)****History:** Zhiguo Yang-Chair, Ryan Fischer, Victoria Houseman, Kurt Leichtle, Kiril Petkov, Christopher Simer and Thomas White**Philosophy:** Thomas Doyle, Imtiaz Moosa, David Peters and Walter Wietzke

Philosophical inquiry aims at uncovering, analyzing, and evaluating the fundamental values and assumptions implicit in various human activities and practices such as science, the arts, religion, morality, and social and political institutions. Its ultimate goal is to develop a coherent view of the world and our place in it. Philosophy focuses on sharpening the ability to analyze, reason, and write effectively.

# UNIVERSITY OF WISCONSIN River Falls

## Physical Science Major

Physical Science: 58-60 cr. hrs.  
(Physics and Chemistry)

For Secondary Education Students

MATH 167 Calculus II 4 cr.

PHYS 161 Calculus-based Physics I 4 cr.

PHYS 166 Calculus-based Physics Laboratory I 1 cr.

PHYS 162 Calculus-based Physics II 4 cr.

PHYS 167 Calculus-based Physics Laboratory II 1 cr.

PHYS 264 Modern Physics 4 cr.

PHYS 311 Electronics: Circuits and Devices 4 cr.

PHYS 362 Mathematics of Physics and Engineering II 3 cr.

**Choose 6 credits from the following electives:**

PHYS 204 Intermediate Physics Lab 1 cr.

PHYS 220 Science of Light 3 cr.

PHYS 250 Statics 3 cr.

PHYS 312 Electronics: Linear Integrated Circuits 3 cr.

PHYS 313 Digital Electronics 3 cr.

PHYS 318 Astrophysics 3 cr.

PHYS 331 Curriculum Physics 3 cr.

CHEM 121 General Chemistry I 5 cr.

or CHEM 120 Introduction to General Chemistry 6 cr.

CHEM 122 General Chemistry II 5 cr.

CHEM 231 Organic Chemistry I 3 cr.

CHEM 236 Organic Chemistry I Lab 1 cr.

CHEM 232 Organic Chemistry II 3 cr.

CHEM 237 Organic Chemistry II Lab 1 cr.

CHEM 250 Foundations of Analytical Chemistry 4 cr.

CHEM 261 Laboratory Safety 2 cr.

**Choose one of the following electives:**

Department of  
Physics

125 Centennial Science  
Hall  
715-425-3235  
[www.uwrf.edu/PHYS/](http://www.uwrf.edu/PHYS/)

James Madsen-Chair, Earl Blodgett,  
Rellen Hardtke, Eileen Korenic,  
Lowell McCann, Surujhdeo  
Seunarine, Glenn Spiczak, and  
Matthew Vonk

- CHEM 311 Polymer Chemistry 3 cr.
- CHEM 322 Inorganic Chemistry 4 cr.
- CHEM 340 Physical Chemistry of Biological Systems 3 cr.
- CHEM 341 Chemical Thermodynamics and Kinetics 3 cr.
- CHEM 342 Molecular Structure and Spectroscopy 3 cr.
- CHEM 361 Biochemistry I 3 cr. (requires BIOL 150 as prerequisite)
- CHEM 461 Pharmacology 3 cr.

## Earth and Space Science Licensing:

An Earth and Space Science license will be earned upon completion of the coursework listed below. This additional concentration is based on 16-19 total credits of earth and space science coursework. Overlap with required and elective coursework in the major will allow for this add-on license to be completed with an additional 5-11 credits.

- GEOL 269 Environmental Geology 3 cr. (completed in major)
- GEOL 102 Introductory Geology Lab 1 cr. (completed in major)
- ESM 302 Environmental Education Lab 1 cr. (completed in major)
- PHYS 117 Astronomy 3 cr. (completed in major)
- GEOL 330 Meteorology 3 cr.

### Choose 2 of the following courses:

- GEOL 150 Historical Geology 4 cr.
- PHYS 318 Astrophysics 3 cr. (possible elective in major)
- GEOL 305 Geology of the Planets 2 cr.
- GEOL 441 Introduction to Geophysics 4 cr.

### Recommended Supplemental Coursework:

- GEOL 202 Oceanography 3 cr.
- ESM 360 Hydrology and Water Quality 4 cr.

# UNIVERSITY OF WISCONSIN River Falls

## Physics Major

Liberal Arts

Education

Dual Degree

Pre-Engineering

### Physics Major–Liberal Arts

#### Physics Core Requirements: 26 cr. hrs.

The prerequisite courses for all courses required in the physics major must be passed with a grade of C or better

**PHYS 161** Calculus-Based Physics I 4 cr.

**PHYS 166** Calculus-Based Physics Laboratory I 1 cr.

**PHYS 162** Calculus-Based Physics II 4 cr.

**PHYS 167** Calculus-Based Physics Laboratory II 1 cr.

**PHYS 204** Intermediate Physics Laboratory 1 cr.

**PHYS 264** Modern Physics 4 cr.

**PHYS 301** Advanced Physics Laboratory I (writing intensive) 3 cr.

**PHYS 302** Advanced Physics Laboratory II (writing intensive) 3 cr.

**PHYS 311** Electronics: Circuits and Devices 4 cr.

**PHYS 485** Seminar (writing intensive) 1 cr.

#### Required Supporting Courses: 20 cr. hrs.

**MATH 166** Calculus I 4 cr.

**MATH 167** Calculus II 4 cr.

**MATH 331** Differential Equations 3 cr.

**PHYS 211** Scientific Programming 3 cr.

or **CSIS 162** Programming II

**PHYS 361** Mathematics of Physics and Engineering I 3 cr.

**PHYS 362** Mathematics of Physics and Engineering II 3 cr.

#### Option I 50 Total Credits

Recommended as preparation for graduate studies in physics or for industrial research.

#### Physics Major Core 26 cr. hrs.

#### Directed Electives in Physics 24 cr. hrs.

Choose from courses below:

#### Option II 36 Total Credits

Recommended for students wanting maximum flexibility for study in other areas

#### Physics Major Core 26 cr. hrs.

#### Directed Electives in Physics 10 cr. hrs.

### General Education Requirements

### Department of Physics

125 Centennial Science Hall

715-425-3235

[www.uwrf.edu/PHYS/](http://www.uwrf.edu/PHYS/)

James Madsen-Chair, Earl Blodgett,

Rellen Hardtke, Eileen Korenic,

Lowell McCann, Surujhdeo

Seunarine, Glenn Spiczak, and

Matthew Vonk



Choose from courses below:

**Directed Electives in Physics**

- PHYS 279** Introduction to Internships 1 cr.  
**PHYS 312** Electronics: Linear Integrated Circuits  
or **PHYS 313** Digital Electronics 4 cr.  
**PHYS 318** Astrophysics 3 cr.  
**PHYS 324** Acoustics 3 cr.  
**PHYS 379** Cooperative Education and Internship 3 cr.  
**PHYS 415** Thermodynamics 3 cr.  
**PHYS 420** Optics 4 cr.  
**PHYS 426** Nuclear and Particle Physics 4 cr.  
**PHYS 427** Condensed Matter Physics 4 cr.  
**PHYS 441** Classical Mechanics 4 cr.  
**PHYS 442** Electricity and Magnetism 4 cr.  
**PHYS 465** Quantum Mechanics 3 cr.

**Applied Option 50 Total Credits**

Recommended as preparation for a career in an industrial or government laboratory, or for graduate study in Applied Physics, Electronics, Engineering Physics, and Geophysics.

**Core Requirements 26 cr. hrs.****Required Courses in Physics 24 cr. hrs.**

- PHYS 250** Statics 3 cr.  
**PHYS 252** Dynamics 3 cr.  
**PHYS 254** Mechanics of Materials 3 cr.  
**PHYS 279** Introduction to Internships 1 cr.  
**PHYS 312** Electronics: Linear Integrated Circuits 4 cr.  
**PHYS 313** Digital Electronics 4 cr.  
**PHYS 361** Mathematics of Physics and Engineering I 3 cr.  
**PHYS 362** Mathematics of Physics and Engineering II 3 cr.

## Physics Major—Secondary Education

**Major Requirements 36 Total Credits****Physics Core Requirements: 26 cr. hrs.**

The prerequisite courses for all courses required in the physics major must be passed with a grade of C or better

- PHYS 161** Calculus-Based Physics I 4 cr.  
**PHYS 166** Calculus-Based Physics Laboratory I 1 cr.

- PHYS 162** Calculus-Based Physics II 4 cr.  
**PHYS 167** Calculus-Based Physics Laboratory II 1 cr.  
**PHYS 204** Intermediate Physics Laboratory 1 cr.  
**PHYS 264** Modern Physics 4 cr.  
**PHYS 301** Advanced Physics Laboratory I (writing intensive) 3 cr.  
**PHYS 302** Advanced Physics Laboratory II (writing intensive) 3 cr.  
**PHYS 311** Electronics: Circuits and Devices 4 cr.  
**PHYS 485** Seminar (writing intensive) 1 cr.

**Required Course: 3 cr. hrs.**

**PHYS 331** Curriculum Physics 3 cr.

**Directed Electives in Physics 7 cr. hrs.**

As listed for Liberal Arts excluding **PHYS 279** and **379** Internship course

## Physical Science Major Broadfield Science Licensure

### Physics Major–Dual Degree

This major is awarded jointly with a B.S. in engineering after the student has successfully completed a three-year program at UW-River Falls with a minimum grade point average of 3.0 and a two-year program at either UW-Madison or the University of Minnesota.

### General Education requirements

General Education requirements as listed for Liberal Arts excluding **PHYS 279** and **379** Internship courses

**Required Courses in Physics at UW-River Falls: 10 cr. hrs.**

- PHYS 161** Calculus-Based Physics I 4 cr.  
**PHYS 166** Calculus-Based Physics Laboratory I 1 cr.  
**PHYS 162** Calculus-Based Physics II 4 cr.  
**PHYS 167** Calculus-Based Physics Laboratory II 1 cr.  
**Directed Electives: 20 cr. hrs.**  
**PHYS 250** Statics 3 cr.  
**PHYS 252** Dynamics 3 cr.  
**PHYS 254** Mechanics of Materials 3 cr.  
**PHYS 264** Modern Physics 4 cr.  
**PHYS 301** Advanced Physics Laboratory I 3 cr.  
**PHYS 311** Electronics: Circuits and Devices 4 cr.  
**PHYS 361** Mathematics of Physics and Engineering I 3 cr.

**PHYS 362** Mathematics of Physics and Engineering II 3 cr.

**MATH 326** Applied Statistics 3 cr.

**MATH 346** Numerical Analysis I 3 cr.

**Credits Transferred from Engineering School 20 cr. hrs.**

**Required Supporting Courses: 30 cr. hrs.**

**MATH 166** Calculus I (meets Gen Ed requirement) 4 cr.

**MATH 167** Calculus II 4 cr.

**MATH 256** Linear Algebra 3 cr.

**MATH 266** Calculus III 3 cr.

**MATH 331** Differential Equations 3 cr.

**PHYS 211** Scientific Programming 3 cr.

**CHEM 121** General Chemistry I 5 cr.

**CHEM 122** General Chemistry II 5 cr.

## Pre-Engineering 68 Total Credits

**Required Courses: 55 cr. hrs.**

**PHYS 161** Calculus-Based Physics I 4 cr.

**PHYS 166** Calculus-Based Physics Laboratory I 1 cr.

**PHYS 162** Calculus-Based Physics II 4 cr.

**PHYS 167** Calculus-Based Physics Laboratory II 1 cr.

**PHYS 211** Scientific Programming 3 cr.

**CHEM 121** General Chemistry I 5 cr.

**CHEM 122** General Chemistry II 5 cr.

**MATH 166** Calculus I 4 cr.

**MATH 167** Calculus II 4 cr.

**MATH 256** Linear Algebra 3 cr.

**MATH 266** Calculus III 3 cr.

**MATH 331** Differential Equations 3 cr.

**ENGL 100** Academic Reading and Writing 3 cr.

**ENGL 200** Investigating Ideas: Reading, Writing and the Disciplines 3 cr.

**ECON 201** Principles of Microeconomics 3 cr.

**ECON 202** Principles of Macroeconomics 3 cr.

**CSTA 101** Fundamentals of Oral Communication 3 cr.

**Electives depending on final engineering major: 13 cr. hrs.**

Select from MATH, PHYS, CSIS, CHEM, GENG, BIOL, GEOL

# UNIVERSITY OF WISCONSIN River Falls

## Political Science Major

### Political Science Major: 36 Total Credits

#### Required Courses: 21 cr. hrs.

**POLS 114** American National, State and Local Government 3 cr.

**POLS 200** Political Analysis 3 cr.

**POLS 220** Introduction to Public Opinion and Political Behavior 3 cr.

**POLS 230** Contemporary Political Ideologies 3 cr.

**POLS 245** Introduction to Comparative Politics 3 cr.

**POLS 260** Introduction to International Relations 3 cr.

**POLS 480** Seminar in Political Science 3 cr.

#### Electives: 15 cr. hrs.

Any POLS course, excluding courses taken as required supporting courses.

Restrictions: Students may apply a maximum of 6 political science internship credits toward the elective section of the major. Students majoring in Political Science must take a minimum of 12 out of the total 36 credits for the major in courses numbered at the 300 level or above, excluding credits taken for political science internships.

#### Required Supporting Course:

Political Science Majors must take ONE of the following courses:

**PSYC 201** Behavioral Statistics

**SOCI 250** Introduction to Social Statistics

**ECON 226** Introduction to Statistics

**MATH 216** Elementary Statistical Concepts

**MATH 226** Fundamentals of Statistics.

Students must take the following course:

**POLS 110** Controversies in Politics

### Department of Political Science

355 Kleinpell Fine Arts  
715-425-3318/3798  
[www.uwrf.edu/POLS/](http://www.uwrf.edu/POLS/)

Neil Kraus-Chair, Davida Alperin,  
Wes Chapin, Erick Highum, Steven  
Maloney, Sooh-Rhee Ryu, Chris  
Simer.

The political science department's requirements for a major or minor are designed to provide students with the intellectual skills and substantive knowledge that are necessary to be able to analyze and interpret political events and governmental processes.

Information for students interested in **pre-law** is available.

For those who wish to teach political science in high school, the required major is the **Broad Field Social Studies Major-Political Science Emphasis**.

# UNIVERSITY OF WISCONSIN River Falls

## Political Science Minor

### Political Science Minor 24 Total Credits

**Required Courses: 15 cr. hrs.**

**POLS 114** American National, State and Local Government 3

**POLS 220** Introduction to Public Opinion and Political Behavior 3

**POLS 230** Contemporary Political Ideologies 3

**POLS 245** Introduction to Comparative Politics 3

**POLS 260** Introduction to International Relations 3

**Electives: 9 cr. hrs.**

Any POLS course, excluding courses taken as required supporting courses.

**Restrictions:** Students may apply a maximum of 3 political science internship credits toward the elective section of the minor. Students completing a minor in Political Science must take a minimum of 6 out of the total 36 credits for the major in courses numbered at the 300 level or above, excluding credits taken for political science internships.

**Required Supporting Course**

Students must take the following course:

**POLS 110** Controversies in Politics 3

### Department of Political Science

356 Kleinpell Fine Arts  
715-425-3318/3798  
[www.uwrf.edu/POLS/](http://www.uwrf.edu/POLS/)

Wesley Chapin-Chair, Davida Alperin,  
Erick Highum, Richard Horton, Neil  
Kraus.

# UNIVERSITY OF WISCONSIN River Falls

## Principal Licensure, MSE

### Overview of Program

### Degree Requirements

First Summer:

**PLP 761** Leadership Development Seminar I, 4 credits

First Fall Semester:

**PLP 762** Oral & Written Communication, 1 credit

**PLP 763** The K-12 Principalship, 3 credits

First Spring Semester:

**PLP 764** Politics of Education, 1 credit

**PLP 765** School Law, 3 credits

Second Summer:

**PLP 766** Leadership Development Seminar II, 4 credits

**TED 760** Methods of Research, 3 credits

Second Fall Semester:

**PLP 767** Finance/Budget, 1 credit

**PLP 768** Professional Development and Supervision, 3 credits

**PLP 771** Internship/Seminar/Project I, 3 credits

Second Spring Semester:

**PLP 769** Student Services, 1 credit

**PLP 770** Curriculum K-12 , 3 credits

**PLP 772** Internship/Seminar/Project II, 3 credits

In the final phase of the program, a portfolio providing evidence of the skills needed to meet National Policy Board and Wisconsin Administrator standards is presented to a review panel of faculty and an area administrator.

### Transfer Credits

Students may request that previously completed courses count toward licensure requirements.

### Director of Instruction Certification

### For More Information

Dr. Florence Monsour

Program Coordinator

715-425-3182

[E-mail](#)

## Requirements

Students also have the option to take an additional three-credit course that is offered during the summer term. This course, in combination with the coursework required for the Principal Licensure degree, will qualify graduates to earn the Wisconsin Director of Instruction licensure. If students have previously completed a Wisconsin Principal Licensure certification program, they should contact the [program coordinator](#) for details about additional coursework that may be required to receive the certification.

**TED 768** Curriculum of the Secondary School, 3 credits

# UNIVERSITY OF WISCONSIN River Falls

## Principal Licensure, MSE

### Overview of Program

### Degree Requirements

First Summer:

**PLP 761** Leadership Development Seminar I, 4 credits

First Fall Semester:

**PLP 762** Oral & Written Communication, 1 credit

**PLP 763** The K-12 Principalship, 3 credits

First Spring Semester:

**PLP 764** Politics of Education, 1 credit

**PLP 765** School Law, 3 credits

Second Summer:

**PLP 766** Leadership Development Seminar II, 4 credits

**TED 760** Methods of Research, 3 credits

Second Fall Semester:

**PLP 767** Finance/Budget, 1 credit

**PLP 768** Professional Development and Supervision, 3 credits

**PLP 771** Internship/Seminar/Project I, 3 credits

Second Spring Semester:

**PLP 769** Student Services, 1 credit

**PLP 770** Curriculum K-12 , 3 credits

**PLP 772** Internship/Seminar/Project II, 3 credits

In the final phase of the program, a portfolio providing evidence of the skills needed to meet National Policy Board and Wisconsin Administrator standards is presented to a review panel of faculty and an area administrator.

### Transfer Credits

Students may request that previously completed courses count toward licensure requirements.

### Director of Instruction Certification

### For More Information

Dr. Florence Monsour

Program Coordinator

715-425-3182

[E-mail](#)



## Requirements

Students also have the option to take an additional three-credit course that is offered during the summer term. This course, in combination with the coursework required for the Principal Licensure degree, will qualify graduates to earn the Wisconsin Director of Instruction licensure. If students have previously completed a Wisconsin Principal Licensure certification program, they should contact the [program coordinator](#) for details about additional coursework that may be required to receive the certification.

**TED 768** Curriculum of the Secondary School, 3 credits

UNIVERSITY OF WISCONSIN **River Falls****Professional and Organizational Communication  
Minor****24 Total Credits****Required Courses: 15 Credits**

**COMS 207** Listening 3 cr.

**COMS 208** Problem Solving in Small Group Communication 3 cr.

**COMS 216** Communication in the Interview 3 cr.

**COMS 316** Organizational Communication 3 cr.

**COMS 379** Internship 3-4 cr.

and/or

**COMS 499** Independent Study 1-3 cr.

**Directed Electives: 9 Credits**

**COMS 106** Interpersonal Communication 3 cr.

**COMS 111** Argumentation and Decision Making 3 cr.

**COMS 306** Nonverbal Communication 3 cr.

**COMS 311** Persuasion 3 cr.

**COMS 313** Intercultural Communication 3 cr.

**COMS 318** Communication and Leadership 3 cr.

**COMS 360** Corporate Electronic Communication 3 cr.

**COMS 416** Communication Training and Development in Organizations 3 cr.

**COMS 440** Gender Communication 3 cr.

A research/writing course experience is required in the major or another field; **COMS 284** Sophomore Seminar or another course approved by the department chair, will satisfy this requirement. A senior portfolio experience is required in the major or another field; **COMS 484**, Senior Portfolio Seminar or another course approved by the department chair, will satisfy this requirement.

**Department of  
Communication  
Studies and Theatre  
Arts**

**B-24 Kleinpell Fine Arts  
715-425-3971  
[www.uwrf.edu/CSTA](http://www.uwrf.edu/CSTA)**

**Communication Studies:** Jennifer Willis-Rivera (Chair), Grace Coggio, Eric Eberhardt, Sean Larson, Sarah Lechowich, Steve Phalen, Angie Siwik

**Digital Film and Television:** Jim Zimmerman, Erik Johnson

**Dance Education:** Karla Zhe, Mari Kline, Marius Andahazy

**Theatre Arts:** Robin Murray (Chair), Ken Stofferahn, Jim Zimmerman, Sean Dooley, Maddie Weber (Costume Designer)

# UNIVERSITY OF WISCONSIN River Falls

## Professional Writing Minor

### Professional Writing Minor - 23-24 credits

#### Required Courses 15 credits

\*ENGL 251 Advanced Composition

ENGL 266 Business Writing

ENGL 270 Visual Rhetoric: Document Design and Graphics

ENGL 367 Technical Writing

ENGL 387 Technical and Professional Editing

\*English majors may NOT double count ENGL 251 for this minor, but must take an additional appropriate course selected from ENGL 361, JOUR 370, JOUR 372, JOUR 269, JOUR 360, MARC 361, THEA 334.

#### Directed Electives: select three 8-9 credits

COMS 311 Persuasion

COMS 316 Organizational Communication

ENGL 320 Structure of English

ENGL 371 Proposal Writing: Change Through Rhetoric

ENGL 372 Practicum: Peer Tutoring and Writing Instruction

ENGL 374 Cyberliteracy and Writing on the Web

ENGL 379 Internship (2-3 cr.)

ENGL 389 Topics course in Rhetoric (Environmental Rhetoric, Contemporary Rhetoric) .

ENGL 482 Writing Seminar in Fiction and Poetry

JOUR 269 Feature Writing for Magazines and Newspapers

JOUR 320 Journalism and Public Opinion

JOUR 360 Opinion Writing

JOUR 270/ MARC 370 Public Relations Principles

MARC 360 Advertising

### Department of English

245 Kleinpell Fine Arts  
715-425-3537  
[www.uwrf.edu/ENGL/](http://www.uwrf.edu/ENGL/)

Marshall Toman-Chair, Jennifer Brantley, David Furniss, Greta Gaard, Kathleen Hunzer, Annette Klemp, Steven Luebke, Mialisa Moline, Michelle Parkinson, Vladimir Pavlov, Kenneth Price, Joseph Rein, Catherine Ross-Stroud, Elizabeth Schneider-Rebozo, Douglas Margolis

# UNIVERSITY OF WISCONSIN River Falls

## Psychology Major

### Psychology Major: 36 Total Credits

#### General Education Requirements

**PSYC 101** General Psychology 3 cr.

**PSYC 201** Behavioral Statistics 3 cr.

#### Required Courses: 6 cr. hrs.

**PSYC 110** Careers in Psychology 1 cr.

**PSYC 216** Research Methods 3 cr.

**PSYC 450** Senior Seminar in Psychology 2 cr.

#### Required Area Options: 21 cr. hrs.

Advanced Methodology

Experimental

Social

#### Advanced Methodology: 3 cr. hrs.

##### Choose 1 of the following:

**PSYC 315** Psychological Measurement and Evaluation 3 cr.

**PSYC 316** Advanced Research Methods 3 cr.

#### Psychological Foundations - Experimental: 9 cr. hrs.

##### Choose 3 from the following:

(Prerequisite **PSYC 216** Research Methods 3 cr.)

**PSYC 305** Learning and Motivation 3 cr.

**PSYC 310** Memory and Thinking 3 cr.

**PSYC 340** Animal Behavior 3 cr.

**PSYC 350** Sensation and Perception 3 cr.

**PSYC 355** Physiological Psychology 3 cr.

#### Psychological Foundations - Social: 9 cr. hrs.

##### Choose 3 from the following:

(Prerequisite **PSYC 216** Research Methods 3 cr.)

**PSYC 320** Psychology of Personality 3 cr.

**PSYC 325** Abnormal Psychology 3 cr.

### General Education Requirements

As listed for CAS with the following exceptions:

General Psychology and Behavioral Statistics are required of all majors and minors but do not count toward the required hours if used to fulfill general education requirements.

### Department of Psychology

151 Centennial Science Hall

715-425-3306

[www.uwrf.edu/PSYC/](http://www.uwrf.edu/PSYC/)

Cyndi Kernahan-Chair, Melanie Ayres, James Cortright, Lisa Isenberg, Daniel Linwick, Richard Seefeldt, Travis Tubré, Todd Wilkinson

The vision of the Department of Psychology at the University of Wisconsin-River Falls is to continue providing students with a solid foundation in psychology. We seek to achieve regional and national recognition by offering excellent teaching, fostering research and dissemination of results, promoting global and multicultural perspectives, and preparing alumni for graduate study and professional careers. We will cultivate ethical and social development through our curriculum, student organizations, and community

**PSYC 335** Developmental Psychology: Childhood and Adolescence 3 cr.

**PSYC 336** Developmental Psychology: Adulthood and Aging 3 cr.

**PSYC 360** Social Psychology 3 cr.

service.

## Elective Psychology Courses: 9 cr. hrs.

In addition to completing the course area requirements, the student must take additional psychology courses to achieve the required 36 credits for the major. These courses may be selected from any of the areas listed including courses below. If **PSYC 101** and/or **PSYC 201** are not used in General Education, they may be used as elective courses in the psychology major.

## Additional Psychology Courses

**PSYC 160** Psychology of Adjustment 3 cr.

**PSYC 225** Psychology of Gender 3 cr.

**PSYC 250** Industrial and Organizational Psychology 3 cr.

**PSYC 260** Behavior Modification 3 cr.

**PSYC 269** Health Psychology 3 cr.

**PSYC 270** Sport Psychology 3 cr.

**PSYC 289** Special Topics in Psychology 3 cr.

**PSYC 361** Psychological Foundations of Employee Selection 3 cr.

**PSYC 362** Psychological Foundations of Employee Training 3 cr.

**PSYC 375** The Psychology of Sexuality 3 cr.

**PSYC 378** Psychology Semester Abroad 3 cr.

**PSYC 379** Internship in Psychology 1 to 3 cr.

**PSYC 385** The Psychology of Prejudice and Racism (d) 3 cr.

**PSYC 425** Introduction to Clinical Psychology 3 cr.

**PSYC 490** Independent Study in Psychology 1 to 3 cr.

UNIVERSITY OF WISCONSIN **River Falls****Psychology Minor****Psychology Minor: 24 Total Credits****Required Courses: 9 cr. hrs.**

**PSYC 101** General Psychology 3 cr.

(credits can be counted in general education)

**PSYC 201** Behavioral Statistics 3 cr.

(credits can be counted in general education)

**PSYC 216** Research Methods (writing intensive) 3 cr.

**Electives: 15 cr. hrs.**

Additional courses in Psychology

Sociology majors with a minor in psychology who have taken **SOCI 300**

Research Methods may substitute another psychology course for the **PSYC**

**216** requirement.

**Department of  
Psychology**

**151 Centennial Science  
Hall**

**715-425-3306**

**[www.uwrf.edu/PSYC/](http://www.uwrf.edu/PSYC/)**

Cyndi Kernahan-Chair, Melanie

Ayres, James Cortright, Lisa

Isenberg, Daniel Linwick, Richard

Seefeldt, Travis Tubré, Todd

Wilkinson

# UNIVERSITY OF WISCONSIN River Falls

## Reading Specialist, MSE

### Overview of Program

### Degree Requirements for Master of Science in Education, Reading Specialist

**First Summer: Summer Reading Institute**, 8 credits

**READ 700** Foundations of Literacy, 2 credits

**READ 761** Advanced Elementary Reading Instruction, 3 credits

**READ 722** Secondary School and Content Area Reading, 3 credits

**First Fall:**

**READ 705** Language Arts in the Elementary School, 3 credits

**READ 765** Appraisal and Intervention, 3 credits

**First Spring:**

**READ 750** Children's Literature in the Reading Program, 3 credits

**READ 785** Research in Literacy, 3 credits

**Second Summer:**

**READ 775** Clinical Practicum in Literacy Instruction, 1-3 credits

Completion of a certification portfolio as specified by the Wisconsin Department of Public Instruction ([external site](#)).

**Second Summer:**

**READ 710** Language Acquisition and Disorders for Reading Teachers, 3 credits

**Second Fall (courses taken concurrently):**

**READ 766** Supervision and Administration, 2 credits

**READ 779** Field Experience, 2 credits

Research Paper (Plan B)

Oral Comprehensive Exam

Completion of a certification portfolio for Administrator Standards as specified by the [Wisconsin Department of Public Instruction](#).

**College of Education  
and Professional  
Studies**

**Graduate Programs**

**For More Information**

Amy Frederick, Reading Coordinator

[Email](#)

Students are not required to begin the program in the summer. For information about alternate start times, contact the program coordinator.



# UNIVERSITY OF WISCONSIN River Falls

## School Psychology Ed S

### Program Overview

### Degree Requirements for Educational Specialist

**Required Courses**, 31 credits:

- SPSY 721** Autism Spectrum Disorders, 1 credit
- SPSY 740** Legal and Ethical Issues in School Psychology, 3 credits
- SPSY 769** Psychoeducational Consultation, 3 credits
- SPSY 771** Practicum I, 4 credits
- SPSY 772** Practicum II, 4 credits
- SPSY 775** Internship in School Psychology I, 5 credits
- SPSY 776** Internship in School Psychology II, 5 credits
- SPSY 785** Seminar in School Psychology
- SPSY 796** Directed Research - Statistics and Data Analysis, 2 credit
- SPSY 797** Directed Research - Final Manuscript, 1 credit

#### **Additional Optional Courses**

- SPSY 785** Seminar in School Psychology, 3 credits
- SPSY 798** Independent Research, 3 credits

The Education Specialist degree is awarded upon completion of the Master of Science in Education 35-credit curriculum (above) and the following 31 additional credits for a total of 66 credits, and passing the National School Psychology Certification Examination, which is administered by the Educational Testing Service three times per year. The current passing score, adopted by the UWRF School Psychology program, is 165. The examination should be taken during the practicum year.

### Additional Program Information

A test usage fee (maximum of \$100) is associated with certain assessment courses (SPSY 745 and 746).

Wisconsin and Minnesota require that applicants for teacher certification, including school psychology, submit fingerprints with the certification application. In addition, criminal background checks are required.

Completion of a certification portfolio as specified by the [Wisconsin Department of Public Instruction](#).



# UNIVERSITY OF WISCONSIN River Falls

## School Psychology MSE

### Program Overview

### Degree Requirements for Master of Science in Education

**Required Courses**, 35 credits:

**SPSY 622** Emotional/Behavioral Functioning: Appraisal and Intervention, 3 credits

**SPSY 651** Diversity, Social and Cultural Issues, 3 credits

**SPSY 701** Introduction to School Psychology, 3 credits

**SPSY 745** Psychoeducational Assessment and Intervention I, 3 credits

**SPSY 746** Psychoeducational Assessment and Intervention II, 3 credits

**SPSY 747** Mental Health Issues, 3 credits

**SPSY 795** Directed Research - Proposal, 2 credit

**SPED 530** The Exceptional Child, 3 credits

**COUN 612** Lifespan Human Development, 3 credits

**COUN 732** Group Counseling, 3 credits

**COUN 753** Counseling Theory and Skills, 3 credits

**TED 747** Curriculum K-12, 3 credits.

### Additional Program Information

Completion of a certification portfolio as specified by the [Wisconsin Department of Public Instruction](#).

# UNIVERSITY OF WISCONSIN River Falls

## Secondary Education Degree

### University and DPI General Education Requirements

**Academic Specialization: 54-58 Total Credits**

**Option A - Departmental major and one minor**

**Option B - Two departmental majors**

### Approved Secondary Education Majors and Minors

**Early Adolescence - Adolescence Programs, teaching ages 11-21 years.**

#### Comprehensive Majors:

**Broadfield Science Licensure:** Biology, Chemistry, Physics

Physical Science

Broad Field Social Studies

Broad Area English

#### Majors:

Chemistry

**Communicative Disorders** - does not lead to licensing at the undergraduate level

Geology-Earth Science Certification

English

Mathematics

Physics

#### Minors:

Anthropology-1

Biology

Chemistry

Coaching

Dance Education

Earth Science-2

Economics-1

English

French - with an EA-A major

### General Education Requirements

As listed for CEPS.

Coursework included in the professional sequence, major, minor or concentration may not be included in the general education component.

### Department of Teacher Education

257 Walker Wyman  
Education  
[www.uwrf.edu/TED/](http://www.uwrf.edu/TED/)

Geoffrey Scheurman-Chair, Susan Ahrendt, Tyler Christensen, Molly Gerrish, Tim Holleran, Angela Kaiser, Florence Monsour, David Pepi, Hilary Pollack, Gay Ward, Brenda Wright, Mary Wright

The degree curricula designed to prepare teachers for the secondary school, in either Early Adolescence - Adolescence (formerly grades 6-12) or Early Childhood - Adolescence (formerly K-12), The program consists of a minimum of 120 semester hours that give the student a broad general education, specialized preparation in one or more academic fields and professional preparation needed for effective teaching. Specific course requirements are listed for each academic department preceding the departmental course descriptions.

Geography-1

German- with an EA-A major

Health Education

History-1

Mathematics

Physics

Political Science-1

Spanish - with an EA-A major

Sociology-1

Teaching English to Speakers of Other Languages - with an EA-A major

**Early Childhood - Adolescence Programs, teaching a variety of ages in school settings**

### **Comprehensive Majors**

Art

Music (choral or Instrumental options)

Health and Human Performance

Agricultural Education

### **Majors**

Teaching English to Speakers of Other Languages (TESOL)

Modern Language (French, German, and Spanish options)

Health Education

### **Minors**

Teaching English to Speakers of Other Languages (TESOL) only with an EC-A Modern Language major

French - only with an EC-A Modern Language or TESOL major.

German - only with an EC-A Modern Language or TESOL major.

Spanish - only with an EC-A Modern Language or TESOL major.

Coaching - only with a Physical Education Major

Adapted Physical Education - requires a major in Health and Human Performance (K-12) education.

1-Cooperatives. Wisconsin law requires that teachers of Economics, social studies and agriculture complete adequate instruction in consumers' cooperatives and cooperative marketing. Students in agriculture can satisfy this requirement by successful completion of AGEC 240 or 355. Students in Economics and social sciences can satisfy this requirement by successful completion of TED 433 or AGEC 240 or 355.

2-If you are interested in teaching economics, geography, history, political science, psychology or sociology, please see Social Science, Broad Field .

# UNIVERSITY OF WISCONSIN River Falls

## Social Science Minor

### Social Science Minor 30 cr. hrs.

#### For Elementary Education Majors only

BFSS 200 3 cr.

HIST 102 3 cr.

HIST U.S. (at or above 200 level) 6 cr.

GEOG 110 3 cr.

GEOG 120 (at or above 200 level) 3 cr.

POLS (at or above 200 level) 3 cr.

PSYC (at or above 200 level) 3 cr.

ECON (at or above 200 level) 3 cr.

SOCI/ANTH (at or above 200 level) 3 cr.

### Social Science Interdisciplinary

304 Fine Arts  
715-425-3164  
Kurt Leichtle—  
Coordinator

The minor in Social Science, available for majors in elementary and middle school (6-9) education is a program of study comprised of several social science disciplines: economics, geography, history, political science and sociology.

# UNIVERSITY OF WISCONSIN River Falls

## Social Work Major

### Social Work Major Requirements 121 Total Credits

#### Required Courses: 54 cr. hrs.

- SOWK 150** Introduction to Social Work Services 3 cr.
- SOWK 205** Introduction to Social Work and Social Welfare 3 cr.
- SOWK 215** Human Behavior and Social Environment 3 cr.
- SOWK 250** Use, Abuse, and Addiction 3 cr.
- SOWK 300** Research Methods 3 cr.
- SOWK 324** Theory and Practice of Social Work I 3 cr.
- SOWK 325** Theory and Practice of Social Work II 3 cr.
- SOWK 350** Social Welfare Policy 3 cr.
- SOWK 389** Special Topics in Social Work (2) 6 cr.
- SOWK 424** Advanced Interviewing and Crisis Intervention 3 cr.
- SOWK 426** Theory and Practice Of Social Work III 3 cr.
- SOWK 472** Social Work Field Instruction (2) 12 cr.
- SOWK 480** Senior Integrative Seminar 3 cr.
- SOWK 481** Integrating Practice and Research 3 cr.

#### Required Supporting Courses: 6 cr. hrs.

- SOCI 100** Introduction to Sociology 3 cr.
- SOWK 260** Practice with Diverse Populations 3 cr.

#### Directed Electives: 3 cr. hrs.

- SOCI 218** Deviant Behavior 3 cr.
- SOCI 221** Global Perspectives on Women 3 cr.
- SOCI 323** Sociology of the Family 3 cr.
- SOCI 338** Global Perspectives on Health and Disease 3 cr.
- SOCI 341** Sociology of Later Life
- SOCI 435** Social and Cultural Change 3 cr.
- SOCI 445** Power and Inequality 3 cr.
- CJ 202** Introduction to Criminal Justice 3 cr.
- CJ 320** Juvenile Delinquency 3 cr.
- CJ 322** Criminology 3 cr.
- CJ 430** Trends and Issues in Incarceration 3 cr.
- COMS 206** Family Communication 3 cr.
- COMS 207** Listening Skills 3 cr.
- COMS 208** Problem Solving in Small Group Communication 3 cr.
- COMS 318** Communication and Leadership 3 cr.

### General Education Requirements

As listed with the following exceptions:

Social and Behavioral Science: 8-9 cr. hrs.

**ECON 100, POLS 114, PSYC 101** required as supporting courses.

Sciences: 8-9 cr. hrs.

**BIOL 100(L), BIOL 150(L) or BIOL 101** required as supporting course.

Mathematics: 3 cr. hrs.

**PSYC 201** or **MATH 226** required as supporting course.

Liberal Arts, follows **BS Liberal Arts Degree**: 10-12 cr. hrs.

**BIOL 253** required as a supporting course.

### Social Work

203 Walker Wyman  
Education

715-425-3655

[www.uwrf.edu/SOWK/](http://www.uwrf.edu/SOWK/)

Ogden Rogers—Program Director;  
Jennifer Gervais, Director of Field  
Instruction



**PSYC 236** Developmental Psychology: childhood and Adolescence 3 cr.

**SPED 330** The Exceptional Child 3 cr.

**PSYC 336** Developmental Psychology: Adulthood and Aging 3 cr.

**PSYC 365** Individual and Group Processes 3 cr.

**SPED 421** Developmental Disabilities 3 cr.

**POLS 225** Introduction to Public Administration 3 cr.

**POLS 253** State and Local Politics 3 cr.

**POLS 256** Public Policymaking 3 cr.

**HIST 310** History of American Political Thought 3 cr.

**WGST 200** Introduction to Women's Studies 3 cr.

**INTS 200** Introduction to International Studies 3 cr.

# UNIVERSITY OF WISCONSIN River Falls

## Sociology Major

### Sociology Major—39 Total Credits

#### Core Requirements 15 cr. hrs.

**SOCI 100** Introduction to Sociology ( )  
(supporting course - counts 3 cr. in Gen. Ed.)

**SOCI 200** Sociological Inquiry 3 cr.

**SOCI 201** Theories of Sociology 3 cr.

**SOCI 250** Social Statistics 3 cr.

**SOCI 300** Research Methods 3 cr.

**SOCI 480** Senior Seminar 3 cr.

#### Content Areas

Take a **minimum of one course out of each of the following content areas** with at least 15 credits at the 300/400 level and at least 3 credits at the 400 level.

##### Culture and Community

**ANTH 100** Cultural Anthropology 3 cr.

**SOCI 210** Social Problems 3 cr.

**SOCI 218** Deviant Behavior 3 cr.

**SOCI/FILM 310** Sociology Through Film 3 cr.

**SOCI/ANTH 314** Faces of Culture 3 cr.

**SOCI/ANTH 316** Social and Cultural Change 3 cr.

**SOCI 411** Seminar in Culture and Community 3 cr.

##### Diversity and Inequality

**SOCI 220** Sociology of Diversity: Race, Class and Gender 3 cr.

**SOCI 321** Power and Inequality 3 cr.

**SOCI/ANTH 322** Race and Ethnicity 3 cr.

**SOCI/WGST 326** Sociology of Gender Roles 3 cr.

**SOCI 328** Perspectives on Race Relations 3 cr.

**SOCI 421** Seminar in Diversity and Inequality 3 cr.

##### Globalization

**SOCI 231** Sociology of Globalization 3 cr.

**SOCI/ANTH/WGST 331** Global Perspectives on Women 3 cr.

**SOCI 332** Environmental Sociology 3 cr.

**SOCI/ANTH 333** Human and Cultural Origins 3 cr.

### General Education Requirements:

BA and BS Liberal Arts majors as listed.

BS Education majors as listed.

Social and Behavioral Sciences:

SOCI 100 or ANTH 100

### Department of Sociology, Anthropology, and Criminal Justice

333 Kleinpell Fine Arts  
715-425-3992  
[www.uwrf.edu/SOCI/](http://www.uwrf.edu/SOCI/)

Rich Wallace-Chair, Erika Busse,  
Tricia Davis, B. Paige Miller, Edward  
Robins, Forrest Rodgers, Katie  
Schubert

The Department of Sociology,  
Anthropology, and Criminal Justice  
offers several options for Majors and  
Minors:

1. Major in Sociology Liberal Arts-Sociology Major may be used as part of a Broad-Field Social Studies Major;
2. Minor in Sociology-Liberal Arts;
3. Minor in Sociology-Education;
4. Minor in Anthropology;
5. Minor in Criminal Justice (Sociology Major); and
6. Minor in Criminal Justice (Non-Sociology Major).

**SOCI/ANTH 338** Global Perspectives on Health and Disease 3cr.

**SOCI/ANTH 395** Belize Study Tour 3 cr.

**SOCI 431** Seminar in Globalization 3 cr.

### **Life Course**

**SOCI 241** Social Psychology 3 cr.

**SOCI 341** Sociology of Later Life 3 cr.

**SOCI/WGST 342** Sociology of the Family 3 cr.

**SOCI 343** Sociology of Sport and Leisure 3 cr.

**SOCI 441** Seminar in Life Course 3 cr.

### **Other Electives**

**SOCI 378** Semester Abroad Research 3-8 cr.

**SOCI 379** Internship in Sociology 6-12 cr.

**SOCI 389** Special Topics in Sociology 3 cr.

**SOCI 490** Readings 1-2 cr.

**SOCI 499** Independent Study 1-2 cr.

For those who wish to teach sociology in high school, the required major is the **Broad Field Social Studies Major**.

# UNIVERSITY OF WISCONSIN **River Falls**

## Sociology Minor

### Sociology Minor - Liberal Arts or Education - 24 Total Credits

**Required Courses 6 cr. hrs.**

**SOCI 100** Introduction to Sociology

(supporting course-counts 3 cr. in Gen. Ed.)

**SOCI 200** Sociological Inquiry 3 cr.

**SOCI 201** Theories of Sociology 3 cr.

**General Electives in Sociology/Anthropology 15 cr. hrs.**

(at least 9 credits must be at 300/400 level)

Department of  
Sociology,  
Anthropology, and  
Criminal Justice

333 Kleinpell Fine Arts  
715-425-3992  
[www.uwrf.edu/SOCI/](http://www.uwrf.edu/SOCI/)

Rich Wallace-Chair, Erika Busse,  
Tricia Davis, B. Paige Miller, Edward  
Robins, Forrest Rodgers, Katie  
Schubert

# UNIVERSITY OF WISCONSIN River Falls

## Soil Science Minor

### Choose from the following: 22 Total Credits

- SOIL 120 Introduction to Soil Science 3 cr.
- SOIL 250 SOIL 250 Soil Profile Descriptions 2 cr.
- SOIL 311 Soil Fertility 4 cr.
- SOIL 325 Hydric Soils and Wetland Environments 3 cr.
- SOIL 350 Pedology 4 cr.
- SOIL 440 Soil and Water Conservation 4 cr.
- SOIL 460 Soil Physics 3 cr.
- GEOL 102 Introductory Geology Lab 1 cr.
- GEOL 327 Geomorphology and Glacial Geology (writing intensive) 4 cr.

## Department of Plant and Earth Science

324 Agricultural Science  
715-425-3345  
[www.uwrf.edu/PES/](http://www.uwrf.edu/PES/)

Donavon Taylor-Chair, William  
Anderson, Jarod Blades, Jill Coleman  
Wasik, Holly Dolliver, Terry Ferriss,  
Allison Gale, Veronica Justen, Kerry  
Keen, Eric Sanden, Brian Smith,  
Pamela Weller, Ian Williams, David  
Zlesak

# UNIVERSITY OF WISCONSIN River Falls

## Spanish Minor

### Spanish Minor-Liberal Arts

**Spanish Minor: 22 Total Credits**

**Required Courses: 16 cr. hrs.**

**SPAN 102** Beginning Spanish II 4

**SPAN 201** Intermediate Spanish I 3

**SPAN 202** Intermediate Spanish II 3

**SPAN 301** Conversation and Composition I 3

**SPAN 302** Conversation and Composition II 3

**Directed Electives: 6 cr. hrs.**

**Select 6 credits from:**

**SPAN 341** Spanish Civilization to 1800 3

**SPAN 342** Spanish Civilization 1800 to Present 3

**SPAN 345** Latin American Civilization to 1800 3

**SPAN 346** Latin American Civilization 1800 to Present 3

**SPAN 351** Survey of Spanish Literature-Siglo de Oro 3

**SPAN 352** Survey of Spanish Literature-Generation of 1898 to Present 3

**SPAN 355** Survey of Latin American Literature-Conquest to independence 3

**SPAN 356** Survey of Latin American Literature-Independence to Present 3

**SPAN 401** Advanced Spanish Communication 3

**SPAN 371** Bus/Cult. Hispanic World 3

**SPAN 372** Spanish for Trades and Professions 3

**SPAN 401** Advanced Spanish Communication 3

**MODL 376** Mexico: A Cultural Experience 3

### Spanish Minor-Education

**Complete Spanish Minor Liberal Arts program**

(must include 401 and 341, 342, 345, 346 or 376)

**Required supporting courses not part of minor: 6 cr. hrs.**

**SPAN 350** Spanish Phonetics 3

**TED 437** Techniques of Middle/Secondary Education: Modern Language 2

**TED 448** Techniques of Elementary Education: Modern Language 2

### Department of Modern Language

284 Kleinpell Fine Arts

715-425-3121

[www.uwrf.edu/MODL/](http://www.uwrf.edu/MODL/)

Kristine Butler-Chair, Cecilia

Bustamante, Marina Calas,

Juan-Carlos Chaves, Sharon

Gerlach, Terrence Mannetter,

Rebecca Raham, Judy Wyatt-Schlei,

Julie Kovacic, Lisa Showers, Magara

Maeda, Wen Zhang

# UNIVERSITY OF WISCONSIN River Falls

## Sustainability Studies Minor

### Sustainability Studies Minor: 24 Total Credit hour

(ESM 105 is a prerequisite)

### Required Courses: 18 Credit Hours

**ESM 220** Environmental Sustainability: Theories, Issues, and Management

3 cr.

**ESM 251** Community Decision-Making OR **ESM 351** Planning for Sustainable Communities OR **SOCI 245** Environmental Sociology 3 cr.

**SM 377** Business Ecology OR **ESM 351** Planning for Sustainable Communities 3 cr.

(Students who choose **ESM 351** to meet requirement (2) must take **ESM 377** to meet this requirement)

**CROP 368** Sustainable Agriculture 3 cr.

**GEOL 350** Geological Destinies of Nations 3 cr.

**AGEC 450** Introduction to Natural Resource Economics 3 cr.

### Directed Electives: 6 Credit Hours

**ESM 109**, **ESM 251\***, **ESM 300**, **ESM 303**, **ESM 305**, **ESM 343**, **ESM 351\***, **ESM 377\*** 2-3 cr.

**GEOG 366** 3 cr.

**GEOL 202**, **GEOL 269**, **GEOL 330** 3 cr.

**SOIL 325** 3 cr.

**AGEN 325** 3 cr.

**ENGL 228** 3 cr.

**CHEM 200** 3 cr.

**SOCI 245\*** 3 cr.

(\*This course counts as EITHER a requirement OR a directed elective.)

### Interdisciplinary Minor

Plant and Earth Science Department

324 Agricultural Science

715-425-3345

Contact: [laine.vignona@uwrf.edu](mailto:laine.vignona@uwrf.edu)

# UNIVERSITY OF WISCONSIN River Falls

## Sustainable Management Certificate

### Program Overview

#### Program Curriculum for Certificates

##### Sustainable Management Science Certificate, 12 credits

**SMGT 310** Ecology for Sustainable Management, 3 cr.

**SMGT 315** Global Environmental Chemistry, 3 cr.

**SMGT 320** Energy for Sustainable Management, 3 cr.

**SMGT 325** Natural Resource Management, 3 cr.

##### Sustainable Enterprise Management Certificate, 15 credits

**SMGT 230** Triple Bottom Line Accounting for Managers, 3 cr.

**SMGT 235** Economics in Society and Sustainability, 3 cr.

**SMGT 331** Sustainable Organizational Finance, 3 cr.

**SMGT 430** International Management for a Sustainable World, 3 cr.

**Select one from:**

**SMGT 335** Management & Environmental Information Systems, 3 cr.

**SMGT 350** Operations Management and Sustainability, 3 cr.



# UNIVERSITY OF WISCONSIN River Falls

## Sustainable Management

### Overview of Program

#### Degree Requirements: 63 total credits

The Bachelor of Science in Sustainable Management consists of 21 courses. Each student is required to successfully complete all 21 courses to graduate. There are no electives in the program. The Capstone course is usually taken in the last semester. Each course is worth three credits.

- SMGT 115 Environmental Science and Sustainability
- SMGT 220 Systems Thinking
- SMGT 230 Triple Bottom Line Accounting for Managers
- SMGT 235 Economics in Society and Sustainability
- SMGT 240 Technical Writing for Sustainable Management
- SMGT 310 Ecology for Sustainable Management
- SMGT 315 Global Environmental Chemistry
- SMGT 320 Energy for Sustainable Management
- SMGT 325 Natural Resource Management
- SMGT 330 Marketing for a Sustainable World
- SMGT 331 Sustainable Organizational Finance
- SMGT 332 Economics of Environmental Sustainability
- SMGT 335 Management and Environmental Information Systems
- SMGT 340 Organizational Behavior and Sustainability
- SMGT 350 Operations Management and Sustainability
- SMGT 360 Environmental and Sustainability Policy
- SMGT 370 Logistics, Supply Chain Management, and Sustainability
- SMGT 430 International Management for a Sustainable World
- SMGT 435 International Development and Sustainability
- SMGT 460 Environment and Society
- SMGT 495 Sustainable Management Capstone

#### Prerequisites

- College Algebra (UW Colleges MAT 110 or equivalent)
- Statistics (UW Colleges MAT 117 or equivalent)
- General Chemistry (UW Colleges CHEM 125 or equivalent)
- Introductory Biology (UW Colleges BIO 109 or equivalent)
- Introductory Communications (UW Colleges COM 103 or equivalent)

#### Sustainable Management (SMGT)

877-895-3276

[Email](#)

[Website](#)

Academic Director: Robert W. Baker  
 Program Manager: Angela Whitaker  
 Faculty: Eric Sanden, Glenn Spiczak, Ian Williams  
 Adjunct Faculty: David Keuhl, Rita Kozak, David Sprague, Laine Vignona

The Bachelor of Science in Sustainable Management is a collaborative effort of UW-Extension and four University of Wisconsin campuses - UW-Parkside, UW-River Falls, UW-Stout, and UW-Superior - that provides the knowledge and skills students need to create profitable businesses, vibrant communities, and a healthy environment for Wisconsin, the United States, and the world. At UW-River Falls, the Sustainable Management major is housed in the College of Agriculture, Food and Environmental Sciences.

## General Education and University Requirements

All students enter this program with at least 60 college-level semester credits of transferable coursework with a 2.0 or better grade point average (GPA). In addition to the general education requirements, UW-River Falls students must complete two, university-required courses in American cultural diversity and global perspectives. See list of approved [courses](#).

# UNIVERSITY OF WISCONSIN River Falls

## Teaching English to Speakers of Other Languages Major

TESOL Liberal Arts

TESOL Education

### TESOL Major - Liberal Arts: 36-38 Total Credits

#### Foreign Language Requirement:

Candidates must have demonstrated proficiency in language study of a single foreign language, which can occur through two years of high school study, four semesters of university study, or other equivalent means of demonstrating proficiency in foreign language study. This foundation requirement is not included in the number of credit hours needed for the major proper: the foundation requirement of two years of foreign language study is separate from the Directed Electives.

#### Required Courses: 24 cr. hrs.

**ENGL 311** Introduction to Language and Linguistics 3 cr.

**ENGL 320** Structure of English 3 cr.

**ENGL 322** Acquisition of Language 3 cr.

**ENGL 360** Theory and Methodology of TESOL 3 cr.

**ENGL 373** Techniques in Tutoring: TESOL Practicum 3 cr.

**ENGL 420** Pedagogical Grammar 3 cr.

**ENGL 451** Phonetics and Phonology 3 cr.

**ENGL 475** Assessment and Testing in TESOL 3 cr.

#### Directed Electives 12-14 cr. hrs.

This requirement can be fulfilled through a combination of language study, study abroad, and courses listed in section 5 below or through courses selected from section 5 alone. Appropriate study abroad programs would include those with whom UWRF has associations, such as The Abbey in France, The Hessen Exchange in Germany, Wisconsin in Scotland, Wisconsin in China, and University of Guadalajara in Mexico. TESOL/MODL (French, German, Spanish, for examples) double majors may fulfill the directed electives with 12 credits chosen from the MODL courses listed in section 5 below.

Select among:

### General Education Requirements-Liberal Arts

#### B.A. and B.S. Liberal Arts Majors

As listed with the following exceptions:

Social and Behavioral: It is

RECOMMENDED that TESOL majors and minors include PSYC 101 among their three social science courses.

Mathematics: It is RECOMMENDED that TESOL majors and minors take PSYC 201, Behavioral Statistics, to fulfill their mathematics requirement.

#### B.S. Education Majors

As listed.

### Department of English

245 Kleinpell Fine Arts  
715-425-3537

[www.uwrf.edu/ENGL/](http://www.uwrf.edu/ENGL/)

Marshall Toman-Chair, Jennifer Brantley, David Furniss, Greta Gaard, Kathleen Hunzer, Annette Klemp, Steven Luebke, Mialisa Moline, Michelle Parkinson, Vladimir Pavlov, Kenneth Price, Joseph Rein, Catherine Ross-Stroud, Elizabeth Schneider-Rebozo, Douglas Margolis

**1. Language Option: 0-8 cr. hrs.**

Select 0-8 credits from among 201, 202, 301, 302, and 401 from one of the following languages: Chinese, French, German, Japanese, or Spanish. (Students cannot double-count courses taken to satisfy the foundation language requirement above for this directed electives category.)

**2. Semester Abroad Research: 0-6 cr. hrs.**

A TESOL-based **ENGL 378** or any department's 378, that is based in the discipline of TESOL and has an advisor or co-advisor from TESOL may be used to fulfill this requirement with prior approval. Requires department approval and may be added to a student's DAR by program exception signed by the chair of the Department of English.

**3. Semester Abroad: 0-6 cr. hrs.****INTS 377**

Credits earned in Semester Abroad or the International Traveling Classroom could be used to meet this requirement. Courses other than INTS 377 need to be approved prior to engaging in the experience as appropriate to the TESOL major by the chair of the Department of English and may appear in this category on the DAR by program exception form signed by the chair.

**4. Select up to two of the following courses: 0-6 cr. hrs.**

**ENGL 379** Cooperative Education and Internship II 3 cr.

**MODL 376** Mexico: A Cultural Experience 3 cr.

**HIST 371** Study Tour Research: China or Italy 3 cr.

**5. Select from the following courses to fulfill the Directed Electives component: 0-12 cr. hrs.**

**ENGL 230** International Short Fiction 3 cr.

**ENGL 232** Contemporary Drama 3 cr.

**ENGL 306** Postcolonial Film and Literature 3 cr.

**ENGL 309** Film and Literature of the New Europe 3 cr.

**ENGL 317** East Asian Film and Literature 3 cr.

**ENGL 441** 20th Century International Fiction 3 cr.

**ENGL 442** World Cinema 3 cr.

**ENGL 450** Non-Native Speakers of the Midwest 3 cr.

**ENGL 452** Lexicology 3 cr.

**FREN 316** History of French Cinema 3 cr.

**FREN 341** French Civilization 3 cr.

**FREN 342** France and Francophone 3 cr.

FREN 350 French Phonetics 3 cr.  
FREN 351 French Literature to 1800 3 cr.  
FREN 352 French Literature from 1800 to Present 3 cr.  
FREN 451 French Prose Fiction 3 cr.  
FREN 452 French Poetry 3 cr.  
FREN 453 French Drama 3 cr.  
GERM 315 Classic and Modern German Film 3 cr.  
GERM 341 German Civilization to 1648 3 cr.  
GERM 342 Modern German-Speaking Cultures 3 cr.  
GERM 350 German Phonetics 3 cr.  
GERM 351 Survey of German Literature I 3 cr.  
GERM 352 Survey of German Literature II 3 cr.  
GERM 451 German Drama and Theater 3 cr.  
GERM 452 German Tale, Short Story, and Novella 3 cr.  
GERM 453 German Poetry 3 cr.  
GERM 490 Readings in German 3 cr.  
SPAN 341 Spanish Civilization to 1800 3 cr.  
SPAN 342 Spanish Civilization 1800 to Present 3 cr.  
SPAN 345 Latin American Civilization to 1800 3 cr.  
SPAN 346 Latin American Civilization 3 cr.  
SPAN 350 Spanish Phonetics 3 cr.  
SPAN 351 Survey of Spanish Literature I 3 cr.  
SPAN 352 Survey of Spanish Literature II 3 cr.  
SPAN 355 Survey of Latin American Literature I 3 cr.  
SPAN 356 Survey of Latin American Literature II 3 cr.  
SPAN 371 Business and Culture in the Hispanic World 3 cr.  
SPAN 372 Spanish for the Trades and Profession 3 cr.  
SPAN 452 Advanced Spanish Literature 3 cr.  
SPAN 455 Advanced Latin American Literature 3 cr.  
SPAN 490 Readings in Spanish  
COMD 162 Introduction to American Sign Language 3 cr.  
COMS 313 Intercultural Communication 3 cr.  
ECON 312 Political Economy of Discrimination 3 cr.  
GEOG 342 Latin America 3 cr.  
GEOG 343 Africa 3 cr.  
GEOG 344 Asian and Oceania 3 cr.  
HIST 201 Introduction to Asian Civilization 3 cr.  
HIST 202 Introduction to Latin American Civilization 3 cr.  
HIST 204 United States Immigration and Ethnic History 3 cr.  
HIST 209 Introduction to African History 3 cr.  
HIST 333 Silk, Spices, and Silver: The Making of the Global Exchange

System to 1700 3 cr.

**HIST 332** The Islamic Middle East to 1500 3 cr.

**HIST 334** Modern China 1800 to Present 3 cr.

**HIST 335** Modern Japan 1600 to Present 3 cr.

**HIST 336** Traditional East Asia, Prehistory to 1800 3 cr.

**HIST 349** Middle Eastern History and Politics 3 cr.

**PHIL 245** Eastern Religions and Islam 3 cr.

**SOCI 220** Sociology of Diversity 3 cr.

**ANTH 231/SOCI 231** Sociology of Globalization 3 cr.

**ANTH 314/SOCI 314** Faces of Culture 3 cr.

**ANTH 322/SOC 322** Race and Ethnicity 3 cr.

**ANTH 331/SOCI 331** Global Perspectives on Women 3 cr.

**ANTH 338/SOCI 338** Global Perspectives on Health and Disease 3 cr.

**POLS 212** The Politics of Equality and Inequality in the United States 3 cr.

**POLS 260** Introduction to International Relations 3 cr.

**PSYC 285** Psychology of Prejudice and Racism 3 cr.

**TED 461** The Psychology and Pedagogy of Literacy 3 cr.

## TESOL Major-Education 36-38 Total Credits

### Foreign Language Requirement:

Candidates must have demonstrated proficiency in language study of a single foreign language, which can occur through two years of high school study, four semesters of university study, or other equivalent means of demonstrating proficiency in foreign language study. This foundation requirement is not included in the number of credit hours needed for the major proper: the foundation requirement of two years of foreign language study is separate from the Directed Electives.

### Required courses: 27 cr. hrs.

**ENGL 311** Introduction to Language and Linguistics 3 cr.

**ENGL 320** Structure of English 3 cr.

**ENGL 322** Acquisition of Language 3 cr.

**ENGL 360** Theory and Methodology of TESOL 3 cr.

**ENGL 373** Techniques in Tutoring: TESOL Practicum 3 cr.

**ENGL 420** Pedagogical Grammar 3 cr.

**ENGL 450** Non-Native Speakers of the Midwest 3 cr.

**ENGL 451** Phonetics and Phonology 3 cr.

**ENGL 475** Assessment and Testing in TESOL 3 cr.

## Directed Electives: 9-11 cr. hrs.

This requirement can be fulfilled through a combination of language study, study abroad, and courses listed in Section 5 below or through courses selected from Section 5 alone. Appropriate international programs would include those with whom UWRF has associations, such as Shih Hsin University in Taiwan, The Abbey in France, The Hessen Exchange in Germany, Wisconsin in Scotland, Wisconsin in China, and University of Guadalajara in Mexico. TESOL/MODL (French, German, Spanish, for examples) double majors may double count up to 12 credits of MODL language courses in this directed electives section with any combination of credits chosen from section 5 below.

Select among

### 1. Language Option: 0-8 cr. hrs.

Select 0-8 credits from among 201, 202, 301, 302, and 401 from one of the following languages: Chinese, French, German, Japanese, or Spanish. (Students cannot double-count courses taken to satisfy the foundation language requirement above for this directed electives category.)

### 2. Semester Abroad Research: 0-6 cr. hrs.

A TESOL-based **ENGL 378** or any department's 378, that is based in the discipline of TESOL and has an advisor or co-advisor from TESOL may be used to fulfill this requirement with prior approval. Requires department approval and may be added to a student's DAR by program exception signed by the chair of the Department of English.

### 3. Semester Abroad: 0-6 cr. hrs.

#### **INTS 377**

Credits earned in Semester Abroad or the International Traveling Classroom could be used to meet this requirement. Courses other than INTS 377 need to be approved prior to engaging in the experience as appropriate to the TESOL major by the chair of the Department of English and may appear in this category on the DAR by program exception form signed by the chair.

### 4. Select from the following courses: 0-6 cr. hrs.

**ENGL 379** Cooperative Education and Internship II 3 cr.

**MODL 376** Mexico: A Cultural Experience 3 cr.

**HIST 371** Study Tour Research: China or Italy 3 cr.

**5. Select from the following courses to fulfill the Directed Electives component: 0-9 cr. hrs.**

**ENGL 230** International Short Fiction 3 cr.

**ENGL 232** Contemporary Drama 3 cr.

**ENGL 306** Postcolonial Film and Literature 3 cr.

**ENGL 309** Film and Literature of the New Europe 3 cr.

**ENGL 317** East Asian Film and Literature 3 cr.

**ENGL 441** 20th Century International Fiction 3 cr.

**ENGL 442** World Cinema 3 cr.

**ENGL 452** Lexicology 3 cr.

**FREN 316** History of French Cinema 3 cr.

**FREN 341** French Civilization 3 cr.

**FREN 342** France and Francophone 3 cr.

**FREN 350** French Phonetics 3 cr.

**FREN 351** French Literature to 1800 3 cr.

**FREN 352** French Literature from 1800 to Present 3 cr.

**FREN 451** French Prose Fiction 3 cr.

**FREN 452** French Poetry 3 cr.

**FREN 453** French Drama 3 cr.

**GERM 315** Classic and Modern German Film 3 cr.

**GERM 341** German Civilization to 1648 3 cr.

**GERM 342** Modern German-Speaking Cultures 3 cr.

**GERM 350** German Phonetics 3 cr.

**GERM 351** Survey of German Literature I 3 cr.

**GERM 352** Survey of German Literature II 3 cr.

**GERM 451** German Drama and Theater 3 cr.

**GERM 452** German Tale, Short Story, and Novella 3 cr.

**GERM 453** German Poetry 3 cr.

**GERM 490** Readings in German 3 cr.

**SPAN 341** Spanish Civilization to 1800 3 cr.

**SPAN 342** Spanish Civilization 1800 to Present 3 cr.

**SPAN 345** Latin American Civilization to 1800 3 cr.

**SPAN 346** Latin American Civilization 3 cr.

**SPAN 350** Spanish Phonetics 3 cr.

**SPAN 351** Survey of Spanish Literature I 3 cr.

**SPAN 352** Survey of Spanish Literature II 3 cr.

**SPAN 355** Survey of Latin American Literature I 3 cr.

**SPAN 356** Survey of Latin American Literature II 3 cr.

**SPAN 371** Business and Culture in the Hispanic World 3 cr.

**SPAN 372** Spanish for the Trades and Profession 3 cr.

**SPAN 452** Advanced Spanish Literature 3 cr.

**SPAN 455** Advanced Latin American Literature 3 cr.

**SPAN 490** Readings in Spanish

**COMD 162** Introduction to American Sign Language 3 cr.

**COMS 313** Intercultural Communication 3 cr.

**ECON 312** Political Economy of Discrimination 3 cr.

**GEOG 342** Latin America 3 cr.

**GEOG 343** Africa 3 cr.

**GEOG 344** Asian and Oceania 3 cr.

**HIST 201** Introduction to Asian Civilization 3 cr.

**HIST 202** Introduction to Latin American Civilization 3 cr.

**HIST 204** United States Immigration and Ethnic History 3 cr.

**HIST 209** Introduction to African History 3 cr.

**HIST 332** The Islamic Middle East to 1500 3 cr.

**HIST 333** Silk, Spices, and Silver: The Making of the



Global Exchange System to 1700 3 cr.

**HIST 334** Modern China 1800 to Present 3 cr.

**HIST 335** Modern Japan 1600 to Present 3 cr.

**HIST 336** Traditional East Asia, Prehistory to 1800 3 cr.

**HIST 349** Middle Eastern History and Politics 3 cr.

**PHIL 245** Eastern Religions and Islam 3 cr.

**SOCI 220** Sociology of Diversity 3 cr.

**ANTH 231/SOCI 231** Sociology of Globalization 3 cr.

**ANTH 314/SOCI 314** Faces of Culture 3 cr.

**ANTH 322/SOC 322** Race and Ethnicity 3 cr.

**ANTH 331/SOCI 331** Global Perspectives on Women 3 cr.

**ANTH 338/SOCI 338** Global Perspectives on Health and Disease 3 cr.

**POLS 212** The Politics of Equality and Inequality in the United States 3 cr.

**POLS 260** Introduction to International Relations 3 cr.

**PSYC 285** Psychology of Prejudice and Racism 3 cr.

**TED 461** The Psychology and Pedagogy of Literacy 3 cr.

### **Professional Education**

Required for certification (not counted in major):

**TED 428** Techniques of Elementary/Middle/Secondary Education:

TESOL 3 cr.

# UNIVERSITY OF WISCONSIN River Falls

## TESOL Certificate

### Overview of Program

### Degree Requirements for Graduate Certificate

The graduate certificate is designed for individuals interested in professional development in TESOL or those wanting to teach adult basic education classes in the U.S. or English as a foreign language in other countries. Upon completion of the four required courses, students are issued a graduate certificate.

#### Required Courses (12 credits)

**ENGL 511** Introduction to Language and Linguistics, 3 credits

**ENGL 520** Structure of English, 3 credits

**ENGL 522** Acquisition of Language, 3 credits

**ENGL 560** Theory and Methodology of TESOL, 3 credits

If you choose to continue on to the master of arts degree in TESOL, please note that only nine of these credits could be applied toward the program requirements.

### Master of Arts Degree and Initial Teaching Certification

See [Degree Requirements](#)

College of Education and  
Professional Studies

College of Arts and  
Sciences

Graduate Programs

For More Information

Linda Jacobson

Program Manager

715-425-3190

[Email](#)

# UNIVERSITY OF WISCONSIN River Falls

## TESOL, MA and Initial Licensure

### Overview of Program

### Program Curriculum for Master's Degree and Initial Teaching License

Those who would like to earn their initial teaching license and then continue with their program of study to earn a master's degree in TESOL may do so.

Students would begin by applying for admission to [Teacher Education](#).

Assuming that the language requirement has been fulfilled outside of the program, completing both the teaching license requirements and the MA degree requires 58 credits of coursework, 19 of which must be at the 700 level, plus 12 credits of student teaching for a total of 70 credits.

#### Required TESOL Courses for the Teaching license, 27 credits:

**ENGL 511** Intro. to Linguistics (may substitute ENGL 720 Educational Ling.), 3 credits

**ENGL 520** Structure of English, 3 credits

**ENGL 522** Acquisition of Language, 3 credits

**ENGL 560** Theory and Methodology of TESOL, 3 credits

**ENGL 573** Techniques in Tutoring: Practicum (may substitute TESL 779, Internship), 3 credits

**ENGL 620** Pedagogical Grammar, 3 credits (Prerequisite: **ENGL 520**)

**ENGL 675** Assessment and Testing in TESOL, 3 credits

**TESL 765** Language and Culture, 3 credits

**TESL 767** Teaching ESOL Reading, 3 credits

#### Required Language Study for the Teaching License, 0-14 credits

Candidates must have demonstrated proficiency in language study of a single foreign language, which can occur through two years of high school study, four semesters of university study, or other equivalent means of demonstrating proficiency in foreign language study.

#### Required Teacher Education Courses for the Teaching License, 16 credits:

**TED 740** The Historical, Philosophical, & Multicultural Foundations of Ed., 4 credits

**TED 745** Educational Psychology, 6 credits

**SPED 530** The Exceptional Child, 3 credits

**TED 428** Techniques of TESOL, 3 credits

College of Education and Professional Studies

College of Arts and Sciences

Graduate Programs

For More Information

Linda Jacobson

Program Manager

715-425-3190

[Email](#)

In addition to these graduate-level courses, students will complete 12 undergraduate credits in student teaching (from TED 472/473/475, Student Teaching in Elementary Education/Middle School/and Secondary Education) and a certification portfolio as specified by the Wisconsin Department of Public Instruction. For more information on initial teaching certification, visit the Secondary Education web page.

**Additional TESOL Courses Required for the Master of Arts Degree,  
15-21-credits**

**ENGL 651** Phonetics and Phonology, 3 credits

**ENGL 701** Writing, Reading, Presenting Research, 3 credits

**ENGL 720** Educational Linguistics, 3 credits

**TESL 763** Words, Meaning, and Vocabulary Teaching, 3 credits

**TESL 789** Topics in TESOL, 3 credits

**TESL 793** Plan B Paper, 3 credits, **or** **TESL 799** Plan A Paper, 3 credits

**ENGL 521** The English Language: History and Culture, 3 credits, **or**

**ENGL 650** Non-Native Speakers in the Midwest, 3 credits, **or**

**TESL 779**, Internship (if not substituted for 573 above), 3 credits, **or**

**ENGL 789**, Topics in TESOL (repeatable with different topics), 3 credits

See [Degree Requirements](#)

# UNIVERSITY OF WISCONSIN River Falls

## TESOL, MA

### Overview of Program

### Program Curriculum for Master of Arts Degree

This 36-credit master's degree is for those individuals who would like to teach in colleges, private schools, foreign countries or in Adult Basic Education (ABE) positions in Wisconsin and Minnesota. The program also benefits professionals licensed to teach English as a Second Language (ESL) or bilingual education professionals.

#### Prerequisite Courses (6 credits)

Prerequisite credits are not applied toward the degree.

[ENGL 320/520](#) Structure of English, 3 credits

[ENGL 355/522](#) Acquisition of Language, 3 credits

#### Required Courses (33 credits)

[ENGL 560](#) Theory and Methodology of TESOL, 3 credits

[ENGL 620](#) Pedagogical Grammar, 3 credits (Prerequisite:

[ENGL 651](#) Phonetics and Phonology, 3 credits

[ENGL 675](#) Assessment and Testing in TESOL, 3 credits

[ENGL 701](#) Writing, Reading, and Presentation of Research in English as a Second Language, 3 credits

[ENGL 720](#) Educational Linguistics, 3 credits

[TESL 763](#) Words, Meaning and Vocabulary Teaching, 3 credits

[TESL 765](#) Language and Culture, 3 credits

[TESL 767](#) TESOL Reading, 3 credits

[TESL 789](#) Topics in TESOL Teaching and Research, 3 credits

Choose one of the following:

[TESL 793](#) Plan B Master's Paper, 3 credits

[ENGL 799](#) Thesis (Thesis Plan)

#### Electives (3 credits):

Choose one from:

[ENGL 521](#) The English Language: History and Culture, 3 credits

[ENGL 650](#) Non-Native Speakers of the Midwest, 3 credits

[TESL 779](#) Internship, 3 credits

[TESL 789](#) Topics in TESOL Teaching and Research, 3 credits

College of Education and  
Professional Studies

College of Arts and  
Sciences

Graduate Programs

For More Information

Linda Jacobson

Program Manager

715-425-3190

[E-mail](#)

Note: Up to nine credits at the 500 level may be applied to the degree and no fewer than half of the credits applied to the degree must be at the 700 level.

## Master of Arts with Initial Teaching Licensure

See [Degree Requirements](#)

# UNIVERSITY OF WISCONSIN River Falls

## Theatre Arts Major

### Major in Theatre Arts–Liberal Arts B.S., 37 Credits

#### Required Courses: 16 Credits

- THEA 121 Acting I: Basic Techniques 3 cr.  
 THEA 131 Design for the Theatre 3 cr.  
 THEA 294 Sophomore Seminar: Theatre 3 cr.  
 THEA 335 Directing I 3 cr.  
 THEA 379 Internship 3 cr.  
 THEA 490 Independent Study: Senior Project 1 cr.

#### Directed Electives: 6 credits

- THEA 337 History of Theatre-Ancient to Medieval 3 cr.  
 THEA 338 History of Theatre-Renaissance to 20th Century 3 cr.  
 THEA 339 American Theatre 3 cr.

#### Open Electives: 15 credits

##### Suggested Electives for Performance

- THEA 221 Acting II: Characterization 3 cr.  
 THEA 222 Voice and Articulation 3 cr.  
 THEA 225 Musical Theatre Performance 3 cr.  
 THEA 227 World Puppetry (g) 3 cr.  
 THEA 230 Playwrights of Color (d) 3 cr.  
 THEA 232 Makeup for Theatre, Film and TV 3 cr.  
 THEA 321 Acting III: Styles 3 cr.  
 THEA 328 Theatre for Youth 3 cr.  
 THEA 334 Playwriting 3 cr.  
 THEA 337, 338 or 339 Theatre History Course 3 cr.  
 THEA 435 Directing II 3 cr.  
 THEA 499 THEA 499 Independent Study/Research 1-3 cr.

##### Suggested Electives for Design and Management

- THEA 227 World Puppetry (g) 3 cr.  
 THEA 231 Stage Tech and Scene Painting 3 cr.  
 THEA 232 Makeup for Theatre, Film and TV 3 cr.  
 THEA 233 Stage Costuming 3 cr.  
 THEA 234 Stage Management 3 cr.  
 THEA 323 Arts Management 3 cr.

### Department of Communication Studies and Theatre Arts

B-24 Kleinpell Fine Arts  
 715-425-3971  
[www.uwrf.edu/CSTA](http://www.uwrf.edu/CSTA)

**Communication Studies:** Jennifer Willis-Rivera (Chair), Grace Coggio, Eric Eberhardt, Sean Larson, Sarah Lechowich, Steve Phalen, Angie Siwik

**Digital Film and Television:** Jim Zimmerman, Erik Johnson

**Dance Education:** Karla Zhe, Mari Kline, Marius Andahazy

**Theatre Arts:** Robin Murray (Chair), Ken Stofferahn, Jim Zimmerman, Sean Dooley, Maddie Weber (Costume Designer)

THEA 328 Theatre for Youth 3 cr.

THEA 333 Stage Lighting 3 cr.

THEA 334 Playwriting 3 cr.

THEA 336 Costume and Fashion 3 cr.

THEA 432 Computer Aided Theatrical Design 3 cr.

**Digital Film and Television Communication (DFT) Emphasis 36 Total Credits**

**Required Courses: 24 cr. hrs.**

DFT 151 Broadcast Performance 3 cr.

DFT 160 TV Studio Production 3 cr.

DFT 260 Electronic Field Production 3 cr.

DFT 294 Sophomore Seminar: Theatre, Film and Television Theory and Research

DFT 310 Media Literacy - A Weapon Against Propaganda 3 cr.

DFT 360 Corporate Electronic Communication 3 cr.

DFT 377 Digital Film and Television Practicum 1 cr. (need 2 semesters)

DFT 460 Initiative: Senior Project 3 cr.

**Directed Electives: 6 cr. hrs.**

DFT 261 Electronic Media Copy Writing 3 cr.

DFT 301 History of Film 3 cr.

DFT 458 Broadcast Programming and Criticism 3 cr.

**Electives: 6 cr. hrs.**

DFT 200 Introduction to Film Studies 3 cr.

DFT 261 Electronic Media Copy Writing 3 cr.

DFT 301 History of Film 3 cr.

JOUR 302 History of Documentary 3 cr.

JOUR 303 Documentary Production 3 cr.

DFT 351 Broadcast Performance II (Acting for the Camera) 3 cr.

DFT 379 Internship (3 -12 cr.)

DFT 389 Special Topics Option (.5-3 cr.)

DFT 458 Broadcast Programming and Criticism 3 cr.

DFT 499 Independent Study (1-3 cr.)



# UNIVERSITY OF WISCONSIN River Falls

## Theatre Arts Minor

### Minor in Theatre Arts–Liberal Arts B.S., 24 Total Credits

**Required: 15 cr. hrs.**

THEA 121 Acting I: Basic Techniques 3 cr.

THEA 131 Design for the Theatre 3 cr.

THEA 335 Directing I 3 cr.

Choose one

THEA 231 Stage Technology and Scene Painting 3 cr.

THEA 332 Stage Costuming 3 cr.

THEA 333 Stage Lighting 3 cr.

Choose one

THEA 337 History of Theatre-Ancient to Medieval 3 cr.

THEA 338 History of Theatre-Renaissance to 20th Century 3 cr.

THEA 339 American Theatre 3 cr.

**General Electives: 9 cr. hrs.**

THEA 110 Sustainability and the Arts 3 cr

THEA 221 Acting II: Characterization 3 cr.

THEA 222 Voice and Articulation 3 cr.

THEA 225 Musical Theatre Performance 3 cr.

THEA 227 World Puppetry 3 cr.

THEA 230 Playwrights of Color 3 cr.

THEA 231 Stage Technology and Scene Painting 3 cr.

THEA 232 Makeup for Theatre, Film, and Video 3 cr.

THEA 234 Stage Management 3 cr.

THEA 294 Sophomore Seminar: Theatre 3 cr.

THEA 323 Arts Management 3 cr.

THEA 328 Theatre for Youth 3 cr.

THEA 332 Stage Costuming 3 cr.

THEA 333 Stage Lighting 3 cr.

THEA 334 Playwriting 3 cr.

THEA 336 Fashion History 3 cr.

THEA 375 Theatre Practicum: Production 1 cr.

THEA 376 Theatre Practicum: Design and Technology 1 cr.

THEA 432 Computer Aided Theatrical Design 3 cr.

### Department of Communication Studies and Theatre Arts

B-24 Kleinpell Fine Arts  
715-425-3971  
[www.uwrf.edu/CSTA](http://www.uwrf.edu/CSTA)

**Communication Studies:** Jennifer Willis-Rivera (Chair), Grace Coggio, Eric Eberhardt, Sean Larson, Sarah Lechowich, Steve Phalen, Angie Siwik

**Digital Film and Television:** Jim Zimmerman, Erik Johnson

**Dance Education:** Karla Zhe, Mari Kline, Marius Andahazy

**Theatre Arts:** Robin Murray (Chair), Ken Stofferahn, Jim Zimmerman, Sean Dooley, Maddie Weber (Costume Designer)

**THEA 435** Directing II 3 cr.

**THEA 499** Independent Study/Independent Research 1-3 cr. Or Approved Substitution

A research/writing course experience is required in the major or another field; **THEA 284** Sophomore Seminar or another course approved by the department chair will satisfy this requirement. A senior portfolio experience is required in the major or another field; **THEA 484**, Senior Portfolio Seminar or another course approved by the department chair, will satisfy this requirement.

# UNIVERSITY OF WISCONSIN River Falls

## University Requirements

**ACD (American Cultural Diversity) – select one course (can be double counted anywhere in your degree program)**

- ANTH 322/SOCI 322 Sociology of Race and Ethnicity (3)
- COMS 213 Intercultural Communication (3)
- DFT 248/FILM 248 Cultures in Conflict (3)
- ECON 312 Political Economy of Diversity (3)
- ENGL 203 Literature of the African American Experience (3)
- ENGL 208 Literature of the Native American Experience (3)
- ENGL 212 The Native American in Literature (3)
- ENGL 228 Literature of Environmental Justice (3)
- THEA 230 Playwrights of Color (3)
- ENGL 235/WGST 235 American Autobiography: Personal Narrative (3)
- ENGL 252 Multicultural Education: Language, Media, and Philosophy (3)
- ENGL 307/FILM 307 Ethnic Film, Literature, and Culture (3)
- ENGL 443/WGST 443 American Ethnic Women Writers (3)
- ETHN 200 Introduction to Ethnic Studies (3)
- GEOG 237 Poverty in the United States (3)
- HIST 206 Native American and the United States (3)
- HIST 207 African American History (3)
- JOUR 315 Race, Class and News (3)
- MNGT 330 Managing Workplace Diversity (3)
- MUS 255 History of Jazz (3)
- POLS 212 The Politics of Equality and Inequality in the United States (3)
- PSYC 385 Psychology of Prejudice and Racism (3)
- SOCI 220 Sociology of Diversity (3)
- TED 252 Foundations of Multicultural Education (3)
- TED 325 Diversity in Early Childhood (3)
- WGST 200 Introduction to Women's and Gender Studies (3)

**GP (Global Perspectives) – select one course (can be double counted anywhere in your degree program)**

- AGE 250 World Food and Population (3)
- ART 291 Asian Art History (3)
- BIOL 278 Costa Rica Education Abroad (3)

These two University Undergraduate Requirements (ACD and GP) need to be completed in any degree program and are not General Education requirements.

- **BIOL 308** HIV/AIDS: Science and Society (3)
- **ECON 328** Dom Topics in African, Asian, and Latin American Econ Dev (3)
- **ECON 329** Global Topics in African, Asian, and Latin American Econ Dev (3)
- **ECON 340** Contemporary International Trade (3)
- **ENGL 214/WGST 214** Women's Literature (3)
- **ENGL 230** International Short Fiction (3)
- **ENGL 232** Contemporary Drama (3)
- **ENGL 234** Modern Novels (3)
- **ENGL 309/FILM 309** Film and Literature of the New Europe (3)
- **ENGL 306/FILM 306** Postcolonial Film and Literature (3)
- **ENGL 308** Russian Literature: Society and Culture (3)
- **ENGL/FILM 317** Modern East Asian Literature and Cinema (3)
- **ENGL 442/FILM 442/INTS 442** World Cinema (3)
- **EXC 205** China: Society and Culture (3)
- **FREN 316/FILM 316** History of French Cinema (3)
- **GEOG 342** Latin America (3)
- **GEOG 344** Asia and Oceania (3)
- **GEOL 350** Geological Destinies of Nations (3)
- **HIST 201** Intro to Asian Civilization (3)
- **HIST 202** Introduction to Latin American Civilizations (3)
- **HIST 203** The Mediterranean: A Survey (3)
- **HIST 204** Global Migration in U.S. History (3)
- **HIST 209** Introduction to African History (3)
- **HIST 333** Silk, Spices, and Silver (3)
- **HIST 334** Modern China 1800 to Present (3)
- **HIST 336** Traditional East Asia, Prehistory-1800 (3)
- **HIST 382** Culture and Civilization of Italy (3)
- **INTS 200** Introduction to International Studies(3)
- **INTS 365** Contemporary Europe (3)
- **INTS 371/POLS 371** The Politics of German-speaking Europe (3)
- **INTS 372/POLS 372** The Politics Scotland (3)
- **INTS 377** Semester Abroad (6)
- **JOUR 350** Mass Communication in the Global Age (3)
- **MKTG 355** International Marketing (3)
- **MNGT 355** International Business (3)
- **MODL 376** Mexico: A Cultural Experience (3)
- **MUS 300** World Music (3)
- **PHIL 245** Eastern Religions and Islam (3)
- **POLS 245** Introduction to Comparative Politics (3)

- **POLS 260** Introduction to International Relations (3)
- **SOCI 231/ANTH 231** Sociology of Globalization (3)
- **SOCI 395/ANTH 395** Belize Study Tour (3)
- **TED 327** Australia: An Integrated Cultural Study (3)
- **THEA 227** World Puppetry (3)
- **WGST 320** Gender Issues in Science (3)
- **WIS 305** Scotland: Society and Globalization (3)

# UNIVERSITY OF WISCONSIN River Falls

## Women's and Gender Studies

### Minor in Women's and Gender Studies 23 Total Credits

#### Required Core Course for all minors 3 cr. hrs.

[WGST 200](#) (d) Introduction to Women's and Gender Studies 3 cr.

#### Directed Electives 20 credits

#### Choose any [WGST](#) course (co-listed or stand-alone)

[WGST 320](#) Gender Issues in Science 3 cr.

[WGST 350](#) Introduction to LGBTQ Studies

[WGST 379](#) Internship/Service Learning 3-6 cr.

[WGST 389](#) Topics in Women's and Gender Studies

[WGST 499](#) Directed Study

[WGST 205/ HIST 205](#) Women's History: United States, 3 cr.

[WGST 305/ HIST 305](#) Women's History: Global, 3 cr.

[WGST 314/ POLS 314](#) Women and Politics, 3 cr.

[WGST 225/ PSYC 225](#) Sex Differences, Gender Roles, and Sexual Orientation

[WGST 375/PSYC 375](#) Psychology of Human Sexuality

[WGST 221/ANTH/SOCI 221](#) Global Perspectives on Women, 3 cr.

[WGST 323/ SOCI 323](#) Sociology of Family

[WGST 326/ SOCI 326](#) Sociology of Gender Roles

[WGST/ COMS 206](#) Family Communication

[WGST/ COMS 440](#) Gender Communication

[WGST 214/ ENGL 214](#) Women in Literature

[WGST 235/ ENGL 235](#) American Autobiography

[WGST 300/ ENGL 300](#) Women, Film, and Society

[WGST 443/ ENGL 443](#) American Ethnic Women Authors

[WGST 321/ ART 321](#) Gender and Art

## Women's and Gender Studies (WGST) Interdisciplinary Program

264 Kleinpell Fine Arts  
715-425-3850

Michelle Parkinson - Coordinator

A minor in Women's and Gender Studies provides students with the following: a broad historical representation of scholarship on women; a set of methodologies that acknowledge the intrinsic value of the experiences, contributions, and perspectives of both women and men.

The minor consists of a core course and elective courses in many disciplines for a total of 23 minimum credit hours.

[Women's and Gender Studies Program Web Site](#)