Graduate Courses

APPLIED BIOTECHNOLOGY (ABT)
ABT 700 Introduction to Biotechnology
ABT 705 Ethos, Safety, and Regulatory Environment in Biotechnology
ABT 710 Professional and Technical Comm. in Biotechnology

ATHLETIC TRAINING (AT)
AT 742 Research Seminar III
AT 770 Management Strategies in Athletic Training

BUSINESS (BUS)
BUS 702 Professional Leadership Dev.: Coaching and Influencing Stakeholders
BUS 795 Graduate Internship in Business Administration
BUS 796 Graduate Research in Business Administration

COMMUNITY AND ORGANIZATIONAL LEADERSHIP (COL)
COL 720 Outcome Based Program Evaluation
COL 730 Best Practices in Program Development
COL 792 Project Evaluation

DATA SCIENCE (DS)
DS 700 Foundations of Data Science
DS 705 Statistical Methods
DS 710 Programming for Data Science
DS 715 Data Warehousing
DS 730 Big Data: High Performance Computing
DS 735 Communicating about Data
DS 740 Data Mining
DS 745 Visualization and Unstructured Data Analysis
DS 780 Ethics of Data Science
DS 775 Prescriptive Analytics
DS 780 Data Science and Strategic Decision Making
DS 785 Capstone

ED.D. IN EDUCATIONAL SUSTAINABILITY (EDSU)
EDSU 810 Philosophical and Theoretical Foundations of Sustainability Leadership in Education.
EDSU 903 Reorienting Curriculum and Programs Towards a Sustainable Future
EDSU 904 Transformative Sustainability Teaching and Learning
EDSU 910 Place-Based Education
EDSU 920 Dissertation Seminar and Writing

EDUCATION (EDUC)
EDUC 508 Turtle Project II
EDUC 700 Graduate Internship Seminar
EDUC 707 Educational Research
EDUC 708 Social and Cultural Foundations of Education
EDUC 715 Application and Analysis of Reading Instruction
EDUC 718 Core Components of Teaching Reading
EDUC 746 Diagnosis and Evaluation of Reading Abilities, W1
EDUC 758 Cooperating Teacher Fundamentals in Preservice Education
EDUC 781 Teaching Students w/ Disabilities Prac. - Cognitive Disabilities: El-Mid
EDUC 781 Teaching Students w/ Disabilities Prac. - Cognitive Disabilities: Mid-Secondary

EDUC 781 Teaching Students w/ Disabilities Prac. - Early Childhood Spec Ed
EDUC 781 Teaching Students w/ Disabilities Prac. - Emotion/Behavior Disturbances: El-Mid
EDUC 781 Teaching Students w/ Disabilities Prac. - Learning Dis: Em-Mid
EDUC 781 Teaching Students w/ Disabilities Prac. - Learning Dis: Mid-Secondary
EDUC 790 Analysis and Improvement of Educational Programs, W1

FAMILY AND CONSUMER SCIENCES (FCS)
FCS 600 Seminar for Student Teachers and Interns
FCS 797 Student Teaching in K-12 Family Consumer Sciences Programs

FOOD AND NUTRITION (FN)
FN 720 Outcome Based Program Evaluation
FN 730 Best Practices in Program Development

HEALTH CARE ADMINISTRATION (HCA)
HCA 700 U.S. Healthcare Systems
HCA 705 Population Health and Epidemiology
HCA 710 Health Communication
HCA 715 Healthcare Technology, Data Analytics, and Information Governance
HCA 720 Healthcare Financial Management
HCA 730 Human Capital Management in Healthcare
HCA 740 Healthcare Operations and Project Management
HCA 750 Healthcare Quality and Performance Management
HCA 760 Health Law and Policy
HCA 770 Organization Development and Strategic Leadership in Healthcare

HEALTH PROMOTION/WellNESS (HPW)
HPW 660 Grief and Loss
HPW 735 Health and Wellness Coaching Foundations, W1
HPW 765 Advanced Health and Wellness Coaching Techniques, W3
HPW 775 Health and Wellness Coaching Ethics and Practicum, W3

HEALTH AND WELLNESS MANAGEMENT (HWM)
HWM 705 Strategic Management for Wellness Managers
HWM 710 Research Methods for Wellness Programs
HWM 715 Persuasion Skills for Wellness Managers
HWM 730 Biopsychosocial Aspects of Health
HWM 750 Planning and Evaluation for Wellness Managers
HWM 780 Best Practices and Emerging Issues in Wellness
HWM 790 Health and Wellness Management Capstone Course

INFORMATION TECHNOLOGY MANAGEMENT (ITM)
ITM 700 Communications for IT Professionals
ITM 705 Leading the IT Function
ITM 710 Finance for IT Managers

NATURAL RESOURCES (NRES)
NRES 771 Introduction to Natural and Social Science Research
NRES 773 Applied Ecosystem Ecology and Management

WATER (WATR)
WATR 760 Water Resources and the Science, Policy, and Politics of Climate Change

Visit uwsp.edu/online
**Undergraduate Courses continued**

**HEALTH INFORMATION MANAGEMENT AND TECHNOLOGY (HIMT)**

- HMT 300 Survey of Contemporary Computing
- HMT 310 Healthcare Systems and Organizations
- HMT 320 Survey of Information Technology in Healthcare
- HMT 330 Healthcare I: Terminology and Body Systems
- HMT 340 Ethical Issues, Security Management and Compliance
- HMT 350 Statistics for Healthcare - QL
- HMT 355 Principles of Management for HIMT Professionals
- HMT 360 Healthcare II: Survey of Disease and Treatments
- HMT 370 Healthcare Systems: Analysis and Design
- HMT 375 Database Structures and Management Systems
- HMT 380 Healthcare Billing, Coding, and Reimbursement
- HMT 400 Healthcare Information and Technology
- HMT 410 Healthcare Systems: Implementation and Integration
- HMT 415 Human Resource Management in Healthcare
- HMT 420 Healthcare Systems: Project Management
- HMT 430 Quality Assessment and Improvement
- HMT 435 Data Communications and Computer Networks in Healthcare
- HMT 440 Group Processes, Team Building, and Leadership
- HMT 445 Application of Leadership and Mgmt in Healthcare Technology
- HMT 498 Pre-capstone
- HMT 490 Capstone Project

**HISTORY (HIST)**

- HST 101 World History to 1500
- HST 102 World History Since 1500
- HST 177 United States Since 1877
- HST 257 Europe Since 1500

**HEALTH PROMOTION AND WELLNESS (HPW)**

- HPW 465 Grief and Loss

**HEALTH SCIENCE (HS)**

- HS 101 Emotional Health and Well Being
- HS 102 Emotional Health and Well Being, WA
- HS 150 Introduction to Healthcare Informatics
- HS 295 Medical Terminology
- HS 401 Environment, Health, and Technology
- HS 499 Selected Topics in HS-Cancer

**HEALTH AND WELLNESS MANAGEMENT (UWMW)**

- HAM 300 Introduction to Human Health
- HAM 305 The Wellness Professional
- HAM 315 Workplace Wellness Program Management
- HAM 325 Health Literacy
- HAM 350 Research and Statistics for Wellness Managers
- HAM 370 Understanding and Effecting Health Behavior Change
- HAM 405 Survey of Information Technology in Wellness
- HAM 470 Assessment and Evaluation for Wellness Managers
- HAM 483 Health and Wellness Management Fieldwork Prep
- HAM 494 Health and Wellness Management Fieldwork
- HAM 495 Health and Wellness Management Capstone

**LIBRARY RESOURCES (LRES)**

- LRES 101 Information Literacy Skills for College-Level Research

**MATHMATIC SCIENCES (MATH)**

- MATH 107 Algebra for Precalculus

**PHYSICS (PHYS)**

- PHYS 100 Energy in Today’s World

**POLITICAL SCIENCE (POLI)**

- POLI 310 American Presidency

**PSYCHOLOGY (PSYC)**

- PSYC 200 Research Methods in Psychology
- PSYC 375 Learning

**PSYCHOLOGY (PSYC)**

- PSYC 200 Research Methods in Psychology
- PSYC 375 Learning

**SOCIOLOGY (SOC)**

- SOC 101 Introduction to Sociology
- SOC 396 Sociology of Medicine

**SPANISH (SPAN)**

- SPAN 101 Second Semester Spanish

**WATER (WATR)**

- WATR 350 Current Issues in Water Resources

**Graduate Courses on the back**

- MATH 111 Applied Calculus
- MATH 228 Fund. Mathematical Concepts for Elem. Teachers
- MATH 355 Elementary Statistical Methods
- MATH 345 Fund. Mathematical Concepts for Elementary Teachers

**MATH EDUCATION (MED)**

- MED 345 Teaching Elementary School Mathematics III

**MUSIC (MUS)**

- MUS 100 Appreciation and History of Music

**NURSING (NURS)**

- NURS 389 Special Work - School Nursing
- NURS 407 Foundations of Professional Nursing Practice
- NURS 441 Chronic Care Management
- NURS 446 Research and Evidence-Based Practice
- NURS 447 Leadership and Management
- NURS 452 Aging and Health
- NURS 453 Information Management and Health Care Technology
- NURS 454 Community Health Nursing
- NURS 486 Selected Topics in Nursing - Pathophysiology

**PHYSICS (PHYS)**

- PHYS 100 Energy in Today's World

**POLITICAL SCIENCE (POLI)**

- POLI 310 American Presidency

**PSYCHOLOGY (PSYC)**

- PSYC 200 Research Methods in Psychology
- PSYC 375 Learning

**SOCIOLOGY (SOC)**

- SOC 101 Introduction to Sociology
- SOC 396 Sociology of Medicine

**SPANISH (SPAN)**

- SPAN 101 Second Semester Spanish

**WATER (WATR)**

- WATR 350 Current Issues in Water Resources

**Course Descriptions**

- **ART** - Arts
- **ER** - Environmental Responsibility
- **GA** - Global Awareness
- **HJ** - Humanities
- **HP** - Historical Perspectives
- **IS** - Interdisciplinary Studies
- **MATH** - Mathematics
- **OD** - Oral Communication
- **QL** - Quantitative Literacy
- **SS** - Social Sciences
- **USD** - U.S. Diversity
- **WLN** - Wellness
- **XL** - Experiential Learning

**Visit the UWSP Online website for a list of online degrees and programs.**
Undergraduate Courses

**ACCOUNTING (ACCT)**
- ACCT 210: Introductory Financial Accounting
- ACCT 370: Accounting Information Systems

**APPLIED COMPUTING (APC)**
- APC 320: Introduction to Business
- APC 340: Legal and Ethical Responsibilities of the IT Professional
- APC 360: Database Management I
- APC 370: Systems Analysis and Design
- APC 380: Project Management Techniques
- APC 400: Applied Communication Networks
- APC 410: Database Management II
- APC 430: Applied Data Structures and Algorithms
- APC 440: Web Development
- APC 450: Operating Systems Theory and Practice
- APC 480: Computer Security II
- APC 495: Capstone Project

**BIOLOGY (BIO)**
- BIOL 205: Survey of Ecology and Evolution
- BIOL 380: Introduction to Aquaparcs

**BUSINESS (BUS)**
- BUS 221: The Entrepreneurial Path
- BUS 300: Written Communication for the Business Professional
- BUS 321: Entrepreneurship
- BUS 325: Organizational Behavior
- BUS 326: Organizational Theory
- BUS 330: Principles of Marketing
- BUS 350: Principles of Finance

**COMPUTER INFORMATION SYSTEMS (CIS)**
- CIS 250: Principles in Computing - Spreadsheet
- CIS 250: Network Management I

**CLINICAL LABORATORY SCIENCE (CLS)**
- CLS 462*: Advanced Clinical Practicum in Hematology and Hemostasis
- CLS 464*: Advanced Clinical Practicum in Diagnostic Microbiology
  * must be admitted to program

**COMMUNICATION (COMM)**
- COMM 107: Foundations of Media Writing
- COMM 400: Communication Capstone, BIW1

**ECONOMICS (ECON)**
- ECON 110: Principles of Microeconomics
- ECON 210: Principles of Microeconomics
- ECON 272: Personal Finance

**EDUCATION (EDUC)**
- EDUC 308: Turtle Project II

**ENGLISH (ENGL)**
- ENGL 202: Sophomore English
- ENGL 351: Advanced Business Writing
- ENGL 382: Writing for Digital Media

**FAMILY AND CONSUMER SCIENCES (FCS)**
- FCS 196: Developing Human Services Professionals
- FCS 388: Student Teaching - Middle
- FCS 396: Student Teaching - Secondary
- FCS 496: Intern Teaching - Middle
- FCS 498: Intern Teaching - Secondary

**FOOD AND NUTRITION (FN)**
- FN 206: Introductory Foods

**GEOGRAPHY (GEOG)**
- GEOG 100: Human Impacts on the Physical Environment
- GEOG 105: The Dynamic Earth

**HUMAN DEVELOPMENT (HD)**
- HD 397: Field Work-Child Services - XL
- HD 397: Field Work-Family-Comm Service Voc. Ed. - XL
- HD 397: Field Work-FLE Practicum - XL
- HD 397: Field Work-Food Service Vocational License - XL

**HEALTH INFORMATION MANAGEMENT AND TECHNOLOGY (HIMT)**
- HIMT 300: Survey of Contemporary Computing
- HIMT 310: Healthcare Systems and Organizations
- HIMT 320: Survey of Information Technology in Healthcare
- HIMT 330: Healthcare I: Terminology and Body Systems
- HIMT 340: Ethical Issues, Security Management and Compliance
- HIMT 350: Statistics for Healthcare - GL
- HIMT 355: Principles of Management for HIMT Professionals
- HIMT 360: Healthcare II: Survey of Disease and Treatments
- HIMT 370: Healthcare Systems: Analysis and Design
- HIMT 375: Database Structures and Management Systems
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- HIMT 435: Data Communications and Computer Networks in Healthcare
- HIMT 440: Group Processes, Team Building, and Leadership
- HIMT 445: Application of Leadership and Mgmt in Healthcare Technology
- HIMT 489: Pre-capstone
- HIMT 490: Capstone Project

**HISTORY (HIST)**
- HIST 101: World History to 1500
- HIST 102: World History Since 1500
- HIST 177: United States Since 1877
- HIST 257: Europe Since 1500

**HEALTH PROMOTION AND WELLNESS (HPW)**
- HPW 465: Grief and Loss

**HEALTH SCIENCE (HS)**
- HS 101: Emotional Health and Well Being
- HS 102: Emotional Health and Well Being
- HS 150: Introduction to Healthcare Informatics, BIW3
- HS 295: Medical Terminology
- HS 420: Environment, Health, and Technology
- HS 499: Selected Topics in HS-Cancer, BIW1

**HEALTH AND WELLNESS MANAGEMENT (HWM)**
- HWM 200: Introduction to Human Health
- HWM 305: The Wellness Professional
- HWM 315: Worksite Wellness Program Administration
- HWM 325: Health Literacy
- HWM 380: Research and Statistics for Wellness Managers
- HWM 390: Understanding and Effecting Health Behavior Change
- HWM 405: Survey of Information Technology in Wellness
- HWM 470: Assessment and Evaluation for Wellness Managers
- HWM 483: Health and Wellness Management Fieldwork Prep
- HWM 494: Health and Wellness Management Fieldwork - XL
- HWM 498: Health and Wellness Management Capstone - XL

**LIBRARY RESOURCES (LRES)**
- LRES 101: Information Literacy Skills for College-Level Research, BIW3

**MATHEMATICAL SCIENCES (MATH)**
- MATH 111: Applied Calculus
- MATH 228: Fund, Mathematical Concepts for Elem. Teachers I
- MATH 255: Elementary Statistical Methods
- MATH 345: Fund, Mathematical Concepts for Elementary Teachers II

**MATH EDUCATION (MED)**
- MED 345: Teaching Elementary School Mathematics III

**MUSIC (MUS)**
- MUS 100: Appreciation and History of Music

**NATURAL RESOURCES (NRES)**
- NRES 150: People, Resources, and the Biosphere

**NURSING (NURS)**
- NURS 389: Special Work - School Nursing
- NURS 407: Foundations of Professional Nursing Practice
- NURS 441: Chronic Care Management
- NURS 446: Research and Evidence-Based Practice
- NURS 447: Leadership and Management
- NURS 452: Aging and Health
- NURS 453: Information Management and Health Care Technology
- NURS 454: Community Health Nursing
- NURS 486: Selected Topics in Nursing - Pathophysiology

**PHYSICS (PHYS)**
- PHYS 100: Energy in Today's World

**POLITICAL SCIENCE (POLI)**
- POLI 310: American Presidency

**PSYCHOLOGY (PSYC)**
- PSYC 200: Research Methods in Psychology
- PSYC 375: Learning

**SOCIOLGY (SOC)**
- SOC 101: Introduction to Sociology
- SOC 308: Sociology of Medicine

**SPANISH (SPAN)**
- SPAN 102: Second Semester Spanish

**WATER (WATR)**
- WATR 490: Current Issues in Water Resources - Civ Mgr Sci and Mgt Nr

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**Undergraduate Courses continued**

Session Dates
Spring term: January 21 - May 8, 2020

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**General Education Program Codes**
- ER – Environmental Responsibility
- GA – General Awareness
- GL – Global Literacy
- SS – Social Sciences
- USD – U.S. Diversity
- US – U.S. Diversity
- WLN – Wellness
- XL – Experiential Learning
- QL – Quantitative Literacy
- LG – Life and Physical Sciences
- SS – Social Science
- HO – History and Social Systems
- Math
- NSC – Natural Sciences
- HU – Humanities
- ED – English
- NS – Natural Science
- HU – Humanities
- IS – Interdisciplinary Studies
- SS – Social Science
# Graduate Courses

**APPLIED BIOTECHNOLOGY (ABT)**
- ABT 700 Introduction to Biotechnology
- ABT 705 Ethics, Safety, and Regulatory Environment in Biotechnology
- ABT 710 Professional and Technical Comm. in Biotechnology

**ATHLETIC TRAINING (AT)**
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- AT 770 Management Strategies in Athletic Training

**BUSINESS (BUS)**
- BUS 702 Professional Leadership Dev.: Coaching and Influencing Stakeholders
- BUS 795 Graduate Internship in Business Administration
- BUS 796 Graduate Research in Business Administration

**COMMUNITY AND ORGANIZATIONAL LEADERSHIP (COL)**
- COL 720 Outcome Based Program Evaluation
- COL 730 Best Practices in Program Development
- COL 792 Project Evaluation

**DATA SCIENCE (DS)**
- DS 700 Foundations of Data Science
- DS 705 Statistical Methods
- DS 710 Programming for Data Science
- DS 715 Data Warehousing
- DS 730 Big Data: High Performance Computing
- DS 735 Communicating about Data
- DS 740 Data Mining
- DS 745 Visualization and Unstructured Data Analysis
- DS 780 Ethics of Data Science
- DS 775 Prescriptive Analytics
- DS 780 Data Science and Strategic Decision Making
- DS 785 Capstone

**ED.D. IN EDUCATIONAL SUSTAINABILITY (EDSU)**
- EDSU 810 Philosophical and Theoretical Foundations of Sustainability Leadership in Education
- EDSU 903 Reorienting Curriculum and Programs Towards a Sustainable Future
- EDSU 904 Transformative Sustainability Teaching and Learning
- EDSU 910 Place-Based Education
- EDSU 920 Dissertation Seminar and Writing

**EDUCATION (EDUC)**
- EDUC 508 Turtle Project II
- EDUC 700 Graduate Internship Seminar
- EDUC 707 Educational Research
- EDUC 708 Social and Cultural Foundations of Education
- EDUC 715 Application and Analysis of Reading Instruction
- EDUC 718 Core Components of Teaching Reading
- EDUC 746 Diagnosis and Evaluation of Reading Abilities, 8W1
- EDUC 758 Cooperating Teacher Fundamentals in Preservice Education
- EDUC 781 Teaching Students w/ Disabilities Prac. - Cognitive Disabilities: Ec-Mid
- EDUC 781 Teaching Students w/ Disabilities Prac. - Cognitive Disabilities: Mid-sec

**FAMILY AND CONSUMER SCIENCES (FCS)**
- FCS 600 Seminar for Student Teachers and Interns
- FCS 797 Student Teaching in K-12 Family Consumer Sciences Programs

**FOOD AND NUTRITION (FN)**
- FN 720 Outcome Based Program Evaluation
- FN 730 Best Practices in Program Development

**HEALTH AND WELLNESS MANAGEMENT (HWM)**
- HWM 705 Strategic Management for Wellness Managers
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- HWM 780 Best Practices and Emerging Issues in Wellness
- HWM 790 Health and Wellness Management Capstone Course

**HEALTH PROMOTION/WELLNESS (HPW)**
- HPW 665 Grief and Loss
- HPW 735 Health and Wellness Coaching Foundations, 8W1
- HPW 765 Advanced Health and Wellness Coaching Techniques, 8W3
- HPW 775 Health and Wellness Coaching Ethics and Praxisum, 8W3

**HEALTH CARE ADMINISTRATION (HCA)**
- HCA 700 U.S. Healthcare Systems
- HCA 705 Populations Health and Epidemiology
- HCA 710 Health Communication
- HCA 715 Healthcare Technology, Data Analytics, and Information Governance
- HCA 720 Healthcare Financial Management
- HCA 730 Human Capital Management in Healthcare
- HCA 740 Healthcare Operations and Project Management
- HCA 750 Healthcare Quality and Performance Management
- HCA 760 Health Law and Policy
- HCA 770 Organization Development and Strategic Leadership in Healthcare

**INFORMATION TECHNOLOGY MANAGEMENT (ITM)**
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- ITM 705 Leading the IT Function
- ITM 710 Finance for IT Managers

**NATURAL RESOURCES (NRES)**
- NRES 711 Introduction to Natural and Social Science Research
- NRES 773 Applied Ecosystem Ecology and Management

**WATER (WATR)**
- WATR 760 Water Resources and the Science, Policy, and Politics of Climate Change

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**Online Courses**

**Spring 2020**

**Discover Your Purpose**

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