



IT'S YOUR EDUCATION

Put it together how
you want it.



BIS@ WSU

Introducing 5 new
Bachelor of Integrated
Studies programs.





How will you put your education together?

The **BACHELOR OF INTEGRATED STUDIES (BIS)** is an interdisciplinary degree that lets you choose three areas of emphasis. Now you can create a fully customized degree, based on your interests and experience. It's like getting a degree in your favorite subjects.

- » **DESIGN A UNIQUE DEGREE**, one that is tailored for your specific career goals.
- » **INCREASE YOUR VALUE** to potential employers with a wider variety of skills and experience.
- » **TAKE CLASSES ONLINE**, several emphasis options are available completely online.

The BIS program is for students who want to create a unique academic program. Whether you're planning ahead for grad school or just looking to position yourself for specific career goals, the BIS program offers you fully individualized education.



Learn more at
goweberstate.com/BIS



PASSIONATE ABOUT THE ENVIRONMENT?

Students who earn this degree will be prepared to seek employment in the public or private sector for positions related to environmental issues.

- » Work with federal, state, or local government entities to address a wide range of environmental issues.
- » Work in private industry to help make business practices more environmentally friendly.

Environmental Studies

Students pursuing a Bachelor of Integrated Studies degree with a focus in Environmental Studies will need to:

1. Complete 28-30 credits in the Environmental Studies Core
2. Choose two other emphasis areas from:
 - a) Botany (18 credits)
 - b) Environmental Interpretation (18 credits)
 - c) Geography (18 credits)
 - d) Geoscience (18 credits)
 - e) Zoology (19 credits)
3. Complete two Bachelor of Integrated Studies courses.

NOTE: Students will need to observe any needed prerequisites for the courses in the following lists and a grade of “C” or better is required in all emphasis area courses.

CORE

Required Courses (28-30 Credits):

BTNY LS1403 Environmental Appreciation (3)

CHEM PS1010 Introductory Chemistry (3) OR **CHEM PS1210** Principles of Chemistry (5) *

ECON SS1100 Economics and Environmental Policy (3)

ENGL HU3520 Literature of the Natural World (3)

GEO PS1060 Environmental Geosciences (3)

GEOG PS1400 The Science of Global Warming: Myths, Realities, and Solutions (3)

HIS 3270 American Environmental History (3)

SOC 3300 Environmental Sociology (3)

ZOOL 1110 Principles of Zoology I (4)

* Students may use the CHEM courses listed above from their general education requirements to fulfill the B.I.S. core requirement.



Environmental Studies cont.

BOTANY

18 credits

Required Botany (12 credits):

- BTNY 2104** Plant Form and Function (4)
- BTNY 2114** Evolutionary Survey of Plants (4)
- BTNY 2413** Introduction to Natural Resources Management (3)
- BTNY 2600** Laboratory Safety (1)

Elective Botany (minimum 6 credits):

- BTNY 3105** Anatomy & Morphology of Vascular Plants (5)
- BTNY 3204** Plant Physiology (4)
- BTNY 3214** Soils (4)
- BTNY 3454** Plant Ecology (4)
- BTNY 3473** Plant Geography (3)
- BTNY 3504** Mycology (4)
- BTNY 3514** Algology (4)
- BTNY 3523** Marine Biology (3)
- BTNY 3624** Taxonomy of Vascular Plants (4)
- BTNY 3643** Intermountain Flora (3)*

* Currently is four 1-credit courses (BTNY 3641A, B, C & D). This course is under review this semester for conversion to a single 3-credit course.



WHAT STUDENTS ARE SAYING

The Bachelor of Integrated Studies Program expands the scope of the university by allowing students to combine multiple fields of study into a specialized degree program.

—Ron Proctor

ENVIRONMENTAL INTERPRETATION

18 credits

Choose from the following list.

ANTH 3100 Prehistory of North America (3)
OR **ANTH 3300** Archaeological Field Techniques (3) OR **ANTH 3400** Archaeological Field Techniques (3)

ART 2015 Drawing on the Land (3)

COMM HU2110 Interpersonal and Small Group Communication (3) OR **COMM 3400** Public Relations (3) OR **ENGL 3100** Professional and Technical Writing (3)

ENGL EN2010 Intermediate Writing (3)*

ENGL 3730 Literature of Cultures and Places (3)* OR **ENGL 3750** Topics and Themes in Literature (3)* OR **ENGL HU/DV3510** World Literature (3)* OR **ENGL 3580** Regional Literature in America (3)*

HIS 4120 Twentieth Century West (3)

HON PS1500 Perspectives in the Physical Sciences (3)**

HON LS1510 Perspectives in the Life Sciences (3)**

HON SS1520 Perspectives in the Social Sciences (3)**

HON CA1530 Perspectives in the Creative Arts (3)**

HON HU1540 Perspectives in the Humanities (3)**

HON 3900 Colloquium (3)*

*Approval of BIS Director Required to Ensure Environmental Studies-Related Content

**Students may take a maximum of two 1000-level courses to fulfill requirements for this leg.

GEOGRAPHY

18 credits

Required Geography (6 credits):

GEOG PS1000 Natural Environments of the Earth (3)

GEOG 3060 World Environmental Issues (3)

Elective Geography (minimum 12 credits):

GEOG 1001 Nat Environment Field Studies (1)

GEOG 1002 Map Reading & Land Navigation (1)

GEOG 2950 Elementary Regional Field Studies (1-3)

GEOG 3050 Weather and Climate (3)

GEOG 3070 Wetland Environments (3)

GEOG 3080 Arid Lands (3)

GEOG 3090 Arctic and Alpine Environments (3)

GEOG 3450 Introduction to Cartography and GIS (3)

GEOG 4410 Land Use Planning (3)

GEOG 4950 Advanced Regional Field Studies (1-3)

ZOOLOGY

19 credits

Required Zoology (15 credits):

ZOOL 1120 Principles of Zoology II (4)

ZOOL 3450 Ecology (4)

ZOOL 3500 Conservation Biology (3)

ZOOL 4480 Aquatic Ecology (4)

Elective Zoology (minimum 4 credits):

ZOOL 4640 Entomology (4)

ZOOL 4650 Ichthyology (4)

ZOOL 4660 Herpetology (4)

ZOOL 4670 Ornithology (4)

ZOOL 4680 Mammalogy (4)

GEOSCIENCES

18 credits

Required Geosciences (12 credits):

GEO PS1110 Dynamic Earth: Physical Geology (3)

GEO 1115 Physical Geology Lab (1)

GEO 1220 Historical Geology (4)

GEO 4210 Introduction to Computer Mapping and GIS (4)

Elective Geosciences (minimum 6 credits):

GEO PS1130 Introduction to Meteorology (3)

GEO 2050 Earth Materials (4)

GEO 3010 Oceanography & Earth Systems (3)

GEO 3080 Water Resources (3)

GEO 3150 Geomorphology (4)

GEO 3180 Paleontology (4)

GEO 3210 Quaternary Environmental Change (3)

GEO 3400 Remote Sensing 1 (4)

GEO 3880 Groundwater (4)

GEO 4010 Ancient Environments and Paleogeology (3)

GEO 4150 Environmental Assessment (4)

GEO 4220 Technical & Applicational Issues in GIS (4)

GEO 4400 Remote Sensing II: Advanced Digital Image Processing (4)

BIS COURSES REQUIRED

5 credits

BIS 3800 Capstone and Graduation Preparation Class (2)

BIS 4800 Capstone Project (3)



LOOKING FOR WAYS TO HELP INDIVIDUALS AND THEIR FAMILIES?

Health advocacy encompasses direct service to individuals and families as well as working to promote health and access to health care within communities.

- » Collaborate with health care providers to improve care, facilitate positive change, and empower others.
- » Translate medical terminology and help patients and families navigate the health care system.
- » Work with businesses or non profit agencies to design health programs for the Spanish speaking population.



Spanish Language Health Advocacy

Students pursuing a Bachelor of Integrated Studies degree with a focus in Spanish Language Health Advocacy will need to:

1. Complete 24 credits in Communication.
2. Complete 24 credits in Health Science or 19 credits in Health Promotion.
3. Complete 18 credits in Spanish Language.
4. Complete two Bachelor of Integrated Studies courses.

NOTE: Students will need to observe any needed prerequisites for the courses in the following lists and a grade of “C” or better is required in all emphasis area courses.

HEALTH SCIENCES

24 credits

HTHSCI 1101 Medical Terminology (2)

HTHSCI LS110 BioMedical Core (4)

HTHSCI 1111 BioMedical Core (4)

HTHSCI 1120 Case Studies in Health Sciences (3)

HTHSCI 2240/3240 Introduction to Pharmacology (3)

HTHSCI 2230 Introduction to Pathophysiology (3)

HTHSCI 2231 Introduction to Pathophysiology Lab (1)

HTHSCI 3328 Pathophysiology of Cells and Tissues (2)

HTHSCI 3329 Pathophysiology of Organs and Systems (2)

SPANISH LANGUAGE

18 credits

SPAN 3060 Grammar and Composition (3)

SPAN 3560 Culture of Latin America (3)

SPAN 3710 Business Spanish I (3)

SPAN 3720 Medical Spanish and Society (3)

SPAN 3730 Hispanic Community Practicum (3)

SPAN 4710 Business Spanish II (3)

COMMUNICATION

24 credits

Required Communication (18 credits):

COMM HU 1020 Principles of Public Speaking (3)

COMM HU 2010 Mass Media and Society (3)

COMM 3000 Communication Theory (3)

Pre/co-requisites for upper division courses within the department

COMM 3400 Public Relations (3)

COMM 3850 Advertising (3)

COMM 4440 Developing and Evaluating Health Communication Campaigns (3)

Elective Communication (minimum 6 credits)

COMM DV 3080 Intercultural Communication (3)

COMM DV 3090 Gender and Communication (3)

COMM 3810 Persuasive Communication (3)

COMM 3440 Public Relations Writing (3)

COMM 3120 Advanced Public Speaking (3)

COMM 3740 Copy Writing for Audio and Video (3)

COMM 3150 Research Methods in Communication (3)

COMM 3550 Organizational Communication (3)

COMM 3050 Theory and Literature of Interpersonal Communication (3)

HEALTH PROMOTION

19 credits

Required Health Promotion (10 credits):

HLTH 3000 Foundations of Health Promotion (3)

HLTH 3200 Methods in Health Education (3)

HLTH 4150 Needs Assessment and Planning of Health Promotion Programs (4)

Elective Health Promotion (minimum 9 credits):

HLTH 1110 Stress Management (3) or **HLTH 2400** Art of Emotional Wellness (3)

HLTH 3100 Applications of Technology in Health Promotion (3)

HLTH 3160 Health Behavior and Special Populations (3)

HLTH 3320 Health/Nutrition of the Older Adult (3)

HLTH 3400 Substance Abuse (3)

HLTH 3500 Human Sexuality (3)

HLTH 4220 Women's Health Issues (3)

HLTH 4250 Contemporary Health Issues of Adolescents (3)

HAS DV 3190 Cultural Diversity in Patient Education (3)

HAS 3230 Health Communication (3)

NUTR DV 3420 Multicultural Health and Nutrition (3)

GERT 3000 Death and Dying (3)

BIS COURSES REQUIRED

5 credits

BIS 3800 Capstone and Graduation Preparation Class (2)

BIS 4800 Capstone Project (3)



ARE YOU A PEOPLE PERSON WHO LIKES TECHNOLOGY?

The medical and dental sales area is a multi-billion dollar industry. Companies hire sales personnel with related degrees and train them for their specific products and technologies. Students who earn this degree can use this unique combination to position themselves for success in this fast-paced industry.

Health Care Technologies

Students pursuing a Bachelor of Integrated Studies degree with a focus in Health Care Technologies will need to:

1. Complete 30 credits in Health Sciences.
2. Complete 21 credits in Sales and Service Technology.
3. Complete 18 credits in Health Administrative Services.
4. Complete two Bachelor of Integrated Studies courses.

NOTE: Students will need to observe any needed prerequisites for the courses in the following lists and a grade of “C” or better is required in all emphasis area courses.

HEALTH SCIENCES

30 credits

HTHSCI 1101 Medical Terminology (2)

HTHSCI LS110 Biomedical Core (4)

HTHSCI 1111 Biomedical Core (4)

HTHSCI 1120 Case Studies in Health Sciences (3)

HTHSCI 2240/3240 Introduction to Pharmacology (3)

HTHSCI 2230 Introduction to Pathophysiology (3)

HTHSCI 2231 Introduction to Pathophysiology Lab (1)

HTHSCI 3328 Pathophysiology of Cells and Tissues (2)

HTHSCI 3329 Pathophysiology of Organs and Systems (2)

HTHSCI 3410 - Foundations of Health Science Technology (3)

HTHSCI 3412 - Health Science Technology Applications (3)



SALES AND SERVICE TECHNOLOGY

24 credits

SST 1143 Fundamental Selling Techniques (3)

SST 2603 Advanced Selling Techniques (3)

SST 3103 Sales Personalities and Profiles (3)

SST 3803 Sales Engineering Techniques (3)

SST 3203 Customer Service Techniques (3)

SST 3903 Sales Presentation Strategies (3)

SST 3363 Contract and Sales Negotiations (3)

SST 3403 Pharmaceutical and Medical Devices Sales (3)

HEALTH ADMINISTRATIVE SERVICES

18 Credits

HAS 3000 The Health Care System (3)

HAS 3020 Health Care Marketing (3)

HAS 3150 Community Health Agencies and Services (3)

HAS 3230 Health Communications (3)

HAS 3260 Health Care Admin. & Supervisory Theory (3)

HAS 4400 Legal & Ethical Aspects of Health Admin. (3)

BIS COURSES REQUIRED

5 credits

BIS 3800 Capstone and Graduation Preparation Class (2)

BIS 4800 Capstone Project (3)



WHAT STUDENTS ARE SAYING

The BIS program has been the catalyst in helping me reach my academic and career goals. The faculty and staff members in the BIS Department are wonderful to work with and truly dedicated to helping their students succeed.

—Linda Dunmeyer

When I learned about the BIS program, my pathway suddenly became a lot smoother. Instead of being tied down to one major and one career path, I could gain a broader education, studying more of the things I was interested in. I believe that the wider range of skills I've gained through studying diverse subjects makes me more marketable in this competitive world.

— Rachel Favero



WANT TO USE TECHNOLOGY TO EXPRESS YOUR CREATIVITY?

Students who pursue this degree will learn the creative, conceptual, and visual skills necessary to communicate in the ever-evolving online technology environment. Graduates will be prepared to apply for positions such as:

- » Web Designer
- » Web Programmer
- » Information Architect
- » User Interface Designer
- » Social Media Strategist

Web Technologies

Students pursuing a Bachelor of Integrated Studies degree with a focus in Web Technologies will need to:

1. Complete 20 credits in Computer Science.
2. Complete 18 credits in Telecommunications and Business Education.
3. Complete 21 credits in Communication.
4. Complete two Bachelor of Integrated Studies courses.

NOTE: Students will need to observe any needed prerequisites for the courses in the following lists and a grade of “C” or better is required in all emphasis area courses.

COMPUTER SCIENCE

Required Computer Science (20 credits):

CS 2350 Web Development (4)

CS 2550 Database Design and Application Development (4)

CS 3620 Server-Side Web Development (4)

CS 3630 Rich Internet Application Development (4)

CS 4350 Advanced Internet Programming (4)

or

CS4790 N-Tier Web Programming (4)

TELECOMMUNICATIONS

Required Telecommunications (18 credits):

TBE 2532 Web Page Design and Development (3)

TBE 2533 Image Editing Solutions (3)

TBE 2534 Video Editing Techniques (3)

TBE 3250 Business Communication (3)

TBE 3533 Multimedia Web Animation (3)

TBE 3535 Creating Computer Illustrations (3)



COMMUNICATION

21 credits

Required Communications (18 credits):

COMM 3850 Advertising (3)

COMM 2010 Mass Media & Society (3)

COMM 3000 Communication Theory (3)

COMM 3220 Editing (3)

COMM 3400 Public Relations (3)

COMM 3460 Public Relations and Social Media (3)

Elective Communications (minimum 3 credits):

COMM 3080 Intercultural Communication (3)

COMM 3090 Gender and Communication (3)

COMM 3810 Persuasive Communication (3)

COMM 3440 Public Relations Writing (3)

COMM 1130 Media Writing (3)

COMM 3740 Copy Writing for Audio and Video (3)

COMM 2350 Communication Graphic Design (3)

COMM 3550 Organizational Communication (3)

COMM 3120 Advanced Public Speaking (3)

SUPPORT COURSES REQUIRED

(9 credit hours):

SST 2703 Internet Sales and Service (3)

SST 2903 Professional Selling on the Internet (3)

BSAD 3000 Small Business Management (3)

BIS COURSES REQUIRED

5 credits

BIS 3800 Capstone and Graduation Preparation Class (2)

BIS 4800 Capstone Project (3)



WHAT STUDENTS ARE SAYING

I'm really excited about the BIS program because it combines all of the areas that I'm passionate about into a career that I can love doing for the rest of my life. It really fits my niche!

—*Kimberly Clark*

I started with a single major and changed to a BIS degree because of the many interests and talents I have. I enjoy the diverse nature of learning skills in three different areas of emphasis.

—*Darrell J. Vigil*



LOOKING TO SERVE THE GREATER GOOD?

Students who earn this degree will be able to seek employment that serves the interest of the public good.

Work with businesses or non profit groups in civic advocacy roles, or prepare for graduate studies in related fields.

Civic Advocacy

Students pursuing a Bachelor of Integrated Studies degree with a focus in Civic Advocacy will need to:

1. Complete 21 credits in Communication
2. Choose two additional areas from the following:
 - a) English (18 credits)
 - b) Political Science (21 credits)
 - c) Foreign Languages (18 credits)
2. Complete 1 Civitas course: POLS 4830 or a Civitas course through another department upon approval by the BIS director
3. Complete two Bachelor of Integrated Studies courses.

NOTE: Students will need to observe any needed prerequisites for the courses in the following lists and a grade of “C” or better is required in all emphasis area courses.

ENGLISH

18 credits

Required English (15 credits):

ENGL 3100* Professional and Technical Writing (3)
[ENGL 2010 pre-req]

ENGL 3140 Professional and Technical Editing (3)

ENGL 3190 Document Design (3)

ENGL 4110 Content Management (3)

ENGL 4120 Seminar and Practicum in Professional and Technical Writing (3)

*ENGL 3100 is a co-req for ENGL 3140 AND a pre-req for ENGL 3190, 4100, 4110, and 4120

Elective English (minimum 3 credits):

ENGL DV 3550 Multicultural and Ethnic Literature in America (3)

ENGL DV 3730 Literature of Cultures and Places: (one of the following choices) Asian, Hispanic, Middle Eastern Women Writers (3)

ENGL 4100 Issues in Professional and Technical Writing (3)



COMMUNICATION

21 credits

Required Communication (12 credits):

COMM HU 1020 Principles of Public Speaking (3)

COMM 1130 Media Writing (3)

COMM HU 2110 Introduction to Interpersonal and Small Group Communication (3)

COMM 3000 Communication Theory (3)
[Pre/co-requisites for upper division courses within the department]

Elective Communication (minimum 9 credits):

COMM 2270 Argumentation and Debate (3)

COMM 3060 Listening Theory (3)

COMM DV 3080 Intercultural Communication (3)

COMM DV 3090 Gender and Communication (3)

COMM 3100 Small Group Facilitation and Leadership (3)

COMM 3120 Advanced Public Speaking (3)

COMM 3400 Public Relations (3)

COMM 3550 Organizational Communication (3)

COMM 3650 Communication Law (3)

COMM 3810 Persuasive Communication (3)

FOREIGN LANGUAGES

18 credits

Select either Spanish OR French

Prerequisite Courses

Complete the following 12 credit hours (or demonstrate equivalent proficiency)

SPAN 1010 First Year I (3)

FRCH 1010 First Year I (3)

SPAN 1020 First Year II (3)

FRCH 1020 First Year II (3)

SPAN 2010 Second Year I (3)

FRCH 2010 Second Year I (3)

SPAN HU 2020 Second Year II (3)

FRCH HU 2020 Second Year II (3)

SPANISH

Required Spanish (15 credits):

SPAN 3060 Grammar and Composition (3)

SPAN 3560 Cultural Heritage II (Latin America) (3)

SPAN 3730 Language for Specific Purposes II (Hispanic Community Practicum) (3)

SPAN 3710 Business Spanish I (3)

SPAN 4710 Business Spanish II (3)

Elective Spanish (3 credits):

SPAN 3720 Language for Specific Purposes I (Medical Spanish and Society) (3)

SPAN 3740 Translation/Interpreting I (3)

SPAN 4740 Translation/Interpreting II (3)

FRENCH

Required French (15 credits):

FRCH 3060 Grammar and Composition (3)

FRCH 3560 Cultural Heritage II (3)

FRCH 3710 Business French I (3)

FRCH 4710 Business French II (3)

FRCH 3720 Language for Specific Purposes I (3)

CONT. >

Civic Advocacy cont.

Elective French (3 credits):

FRCH 3320 Applied Language Studies (3)

FRCH 3570 Special Topics in Culture (3)

FRCH 3730 Language for Specific Purposes II (3)

* Other Foreign Languages may also be used with the approval of the language department chair and BIS coordinator.

POLITICAL SCIENCE

21 credits

Required Political Science (9 credits)

POLS 1100 CBL American National Government (3)

POLS 2100 Intro to International Politics (3)

POLS 3990 CBL Quantitative Analysis (3)

Elective Political Science (minimum 12 credits)

POLS 3150 Model United Nations (2)

POLS 3610 Campaigns and Elections (3)

POLS DV 3630 Identity Politics (3)

POLS 3700 Intro to Public Administration (3)

POLS 3750 Urban Government and Politics (3)

POLS 3760 State Government and Politics (3)

POLS 4160 DV Topics in World Politics when it is Third World Women (3)

POLS 4180 International Law and Organization (3)

POLS 4280 Foreign Policies of Major Powers (3)

POLS 4600 American Congress (3)

BIS COURSES REQUIRED

5 credits

BIS 3800 Capstone and Graduation Preparation Class (2)

BIS 4800 Capstone Project (3)

NOTE An Internship within any of the included departments may be added to your BIS Contract upon approval by the department adviser.



WHAT STUDENTS ARE SAYING

The BIS degree gave me the chance to be an explorer and pioneer. I've had adventures in the creative process, research, organization, analysis, experimentation, etc. In pursuit of a career that demands innovation, the BIS program was exactly what I needed learning skills in three different areas of emphasis.

—Scott Wisler



Still can't find what you're looking for?

Check out all these departments that participate in the BIS program. You're sure to find a combination that works best for you.

PARTICIPATING DEPARTMENTS

Accounting
Anthropology
Automotive Technology
Botany
Business Administration
Chemistry
Child and Family Studies
Communication
Computer and Electronics Engineering Technology
Computer Science
Construction Management
Criminal Justice
Dance
Design Graphics
Engineering Technology
Economics
Emergency Care and Rescue
English
Foreign Language
Geography
Geosciences
Gerontology
Health Administrative Services
Health Sciences
Health Promotion and Human Performance

History
Information Systems and Technology
Interior Design
Math
Microbiology
Military Science
Mechanical Engineering Technology/
Manufacturing Engineering Technology
Military Science
Music
Neuroscience
Performing Arts
Philosophy
Physics
Political Science
Production and Inventory Control
Pre-dental
Pre-medical
Pre-pharmacy
Psychology
Sales and Service Technology
Social Work
Sociology
Sports Medicine
Telecommunications and Business Education
Theater
Visual Art

Zoology

INTERDISCIPLINARY AREAS OF STUDY

Asian Studies
Education
Environmental Studies
Ethnic Studies
European Studies
Honors
International Politics
Latin American Studies
Legal Studies
Linguistics
Public Administration
Urban/Regional Planning
Womens Studies

AVAILABLE ONLINE

Child and Family Studies
Computer Science
Health Administrative Services
Health Promotion
Health Sciences
History
Nutrition Education
Sales & Service Technology
Information Systems & Technologies (IS&T)



We're here to help.

Dr. Kathleen Sitzman

BIS coordinator

(801) 626-6360

ksitzman@weber.edu

BACHELOR OF INTEGRATED STUDIES

HOURS

9 a.m. - 4 p.m. MST

Monday - Friday

**For more information or to
arrange an appointment:**

(801) 626-7713

bis@weber.edu

DEPARTMENT LOCATION

Weber State University

Stewart Library, Rm. 58

MAILING ADDRESS

BIS Program

Weber State University

2911 University Circle

Ogden UT, 84408-2911

WEBSITE

goweberste.com/bis