2023-2024 Catalog Addendum

Academic Affairs
Monday July 10, 2023
Amendment: October 9, 2023

2023-2024 Undergraduate Catalog
2023-2024 Graduate Catalog

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Office of the President

President	Janine Davidson, Ph.D.
Vice President for Administration/Chief Operating Officer	Larry Sampler, M.A.
Chief of Staff	Edward J. Brown Jr. M.B.A.
Presidential Faculty Fellow	Graham Stefan Ignizio, Ph.D.
Interim Provost and Executive Vice President of Academic Affairs	Marie T. Mora, Ph.D.
Vice President for Diversity and Inclusion	Michael Benitez, Ph.D.
Chief Strategy Officer	James Mejía, M.B.A., M.P.P.
Vice President for Student Affairs	Will Simpkins, Ed.D.

Vice President of University Advancement and Executive Director of the MSU Denver Foundation	Christine Márquez-Hudson, M.N.M.
General Counsel and Secretary to the Board of Trustees	David Fine, Esq.
Deputy General Counsel	Nicholas Stancil, Esq.
Interim Executive Director, Office of Equal Opportunity Title IX & ADA Coordinator	Camille Torres, J.D.
Executive Director of HSI Initiatives and Inclusion	Manuel Del Real, Ph.D.
Director of Athletics	Todd Thurman, M.Ed.
Director of Government Affairs	Kaycee Gerhart, B.S.
Director of External Affairs	Michael A. Ramsey, M.A.

University Communications and Marketing

Associate Vice President of Strategic Communications	Andrea Smith, M.S.
Associate Vice President of Marketing and Brand	Whei Wong-Howerton, M.P.A.
Executive Director of Communications	John Arnold, B.S.
Director of Digital Marketing and Content Strategy	Michelle Britt, M.B.A.
Director of Media Relations	Tim Carroll, B.S., APR

Strategy

Chief Strategy Officer	James Mejía, M.B.A., M.P.P.
Director of Strategy	~~Vacant~~ Meredith Jeffers, Ph.D.
Interim Director of Data and Analytics	~~Sean Petranovich, Ph.D.~~ Kelsey Smith, M.A.
Sr. Director for Strategic Infrastructure & Development	~~Mo Lotif, M.S.~~ Vacant

Academic Affairs Division

Office of the Provost and Executive Vice President of Academic Affairs

Interim Provost and Executive Vice President of Academic Affairs	Marie T. Mora, Ph.D.
Interim Deputy Provost	Shaun T. Schafer, Ph.D.
President, Council of Chairs and Directors	Elizabeth Ribble, Ph.D.
President, Faculty Senate	Elizabeth Goodnick, Ph.D.
Budget Director	Neilsun Valenski, M.S.

Curriculum, Academic Effectiveness, and Policy Development

Associate Vice President of Curriculum, Academic Effectiveness, and Policy Development	Shaun T. Schafer, Ph.D.
Director of Academic Program Review	Lou Moss, M.A., PMP

Director of Curriculum and Catalog	Erica Buckland Anderson, ~~B.A.~~ M.P.A.
Director of General Studies	~~Keah Schuenemann~~ Todd Laugen, Ph.D.

Faculty Affairs

Associate Vice President for Faculty Affairs	Catherine Kleier, Ph.D.
Director of Faculty Affairs	Sam Jay, Ph.D.

Graduate Studies

Associate Vice President of Graduate Studies	Inge Wefes, Ph.D.
Director, Business and Financial Operations	Chip Hagan, B.A.

Innovative and Lifelong Learning

Associate Vice President of Innovative and Lifelong Learning	Terry Bower, M.S.W.

Online Programs

Interim Associate Vice President of Online Programs	Jeff Loats, Ph.D.

Sponsored Research and Programs

Director of the Office of Sponsored Research and Programs	Vacant

Undergraduate Studies

Associate Vice President of Undergraduate Studies	Elizabeth Parmelee, Ph.D.
Director of Academic Services	Hediyeh Arasteh, M.A.
Director of Advising Systems	Stephanie Allen, M.A.
Director of the Center for Individualized Learning	Sara Jackson Shumate, Ph.D.
Director of the Honors Program	Megan Hughes, Ph.D.
Executive Director of the Office of International Studies	Akbarali Thobhani, Ph.D.
Faculty Director of Undergraduate Research	Kristy Duran, Ph.D.
Co-Director of the One World One Water Center	Nona Shipman, M.A.
ROTC Office	Captain Nathaniel Wherley
Director of the Writing Center	Elizabeth Kleinfeld, Ph.D.

Administration, Finance and Facilities Division

Office of the Vice President for Administration, Finance and Facilities

Vice President for Administration/Chief Operating Officer	Larry Sampler, M.A.
~~Interim~~ Associate Vice President of Administration and Finance	Jim Carpenter, M.P.P.
Chief of Staff to the Vice President for Administration	Leone Schulz, B.A
CIO/Associate Vice President Information Technology Services	Kevin Taylor, M.B.A.
Director of Accounting Services	Liza Larsen, M.B.A, C.P.A.
Director of Budget	David Kribs, M.P.A.
Bursar	Christina Nguyen
Director of Human Resources	Stacy Dvergsdal, B.A.
Deputy CIO	Nick Pistentis, M.S.

Director of ITS Infrastructure Services and Chief Information Security Officer	Michael Hart, B.S.
Director of Operations and Maintenance	Sharon Lorince, M.B.A.
Director of Planning, Design, and Construction	Joseph Schalk, M.P.A
President, Staff Senate	~~Rebecca Reid,~~ Ruby Matheny, B.A.

Student Affairs Division

Office of the Vice President for Student Affairs

Vice President for Student Affairs	Will Simpkins, Ed.D.
~~Director of Operations and Planning for Student Affairs~~ Chief of Staff to the Vice President of Student Affairs	Emily Willan, B.S.

Classroom to Career Hub

Associate Vice President of Classroom to Career Initiatives	Adrienne Martinez, M.S.W.
Director of Faculty Engagement	Alyssa Marks, M.S.W.
Director of Career Engagement	Bridgette Coble, Ph.D.
Executive Director of Industry Partnerships	Maluwa Behringer, B.S.
Executive Director of Student Support and Retention	Nahum Kisner, M.S.

Enrollment Management

Chief Enrollment Officer	Long Huynh, D.B.A.
Executive Director of Admissions and Outreach	Vaughn Toland, M.A.
Director of Admissions Internal Operations	Marlynn Rocha-Vasquez, B.A.
Director of Enrollment Management Call Center	Nick Grissom, B.A.
Executive Director of Financial Aid and Scholarships	Kerline Eglaus, M.B.A.-H.R.M.
Director of Financial Aid Operations	Yared Belete, M.S.T.
Director of Financial Aid Systems	Michael Nguyen, B.S.
Director of Financial Aid Compliance	Jennifer Helgeson, B.A.
Executive Director of Orientation, Transition, and Reengagement	Megan Scherzberg, Ph.D.
Director, Orientation, Transition, and Retention	John Babcock, M.Ed.
Director, Transfer and Adult Student Services	Tiffani Baldwin, Ph.D.
Director of Undergraduate Admissions	Amanda Ryder, M.B.A.
Registrar	Connie Sanders, B.S.
Director of Testing Services	Russell Reynolds, B.A.
Director of the Center for Urban Education and TRIO High School Upward Bound	Janelle Henderson, B.A.

Student Engagement and Wellness

Associate Vice President for Student Engagement and Wellness/Dean of Students	Taylor Tackett, M.H.
~~Associate Dean~~ Assistant Vice President for Equity and Student Engagement	Cynthia Baron, M.S.W., Ed.D.
Assistant Dean/Director of TRIO Student Support Services	Loretta Wahl, M.S.S.
Director, Student Care Center	Sonia Falcon, M.S.W.

Associate Dean of Student Accountability and Care	Thomas Ragland, M.S.
Director of Campus Recreation	Diane Yee, M.S.
Director of the College Assistance Migrant Program	Evelynn Guzman De Leon, M.Ed.
Assistant Dean and Director of the Center for Multicultural Engagement and Inclusion	Thanh Nguyen, Ed.D.
Executive Director of the Counseling Center	Gail Bruce-Sanford, Ph.D.
Executive Director of the Health Center at Auraria	Steve Monaco, M.S.
Director of the Immigrant Services Program	Gregor Mieder, M.A.
Director of the LGBTQ Student Resource Center	Tyrell Allen, M.A.
Director of Veteran and Military Student Services	Joe Foster, Ph.D.

University Advancement Division

Office of the Vice President for University Advancement

Vice President of University Advancement and Executive Director of the MSU Denver Foundation	Christine Márquez-Hudson, M.N.M.
Chief Financial and Operating Officer	Vacant
Assistant Vice President of Strategic Engagement	Jamie Hurst, J.D.
Associate Vice President for University Advancement	Shelley Thompson, M.A.
Executive Director of Corporate and Foundation Relations	Megan Conklin, M.S.W.
Senior Director of Alumni Engagement and Executive Director of the Alumni Association	Brandi Rideout, M.Ed.
Executive Director of Advancement Communications and Giving	Breanne Milnes, M.S.Ed
Senior Director of Development	Gwen Thompson, M.A.
Senior Director of Major Gifts	Steve Galpern, M.A.
Senior Director of the Office of University Events	Jessica Fernandez, B.A.
Director of Donor Relations	Traci McBee Rowe, M.N.M.
Director of Advancement Services	Michelle Downer, M.L.I.S.
Director of Prospect Management and Analytics	Caitlin Hoppel, B.B.A.
Director of Development	Allyssa Joseph, B.A.
Director of Development, Foundation Relations	Amanda Malachowski, M.A.M.
Director of Marketing and Communications	Andrew Schlichting, M.Ed.
Director of Development	Jacques Swanepoel, M.S.
Director of Development, Corporate Relations	Zacary Tardiff, M.B.A.

Academic Administrators

College of Aerospace, Computing, Engineering, and Design

Dean	Jeffrey Newcomer, Ph.D.
Associate Dean	Vacant

Director, Institute for Advanced Manufacturing Sciences	Mark Yoss, B.S
Chair, Aviation and Aerospace Science	Jeffrey Forrest, Ph.D.
Chair, Computer Sciences	Steve Beaty, Ph.D.
Chair, Engineering and Engineering Technology	Fred Barlow, Ph.D.
Chair, Industrial Design	~~John Wanberg, M.S.D.~~ Jinseup (Ted) Shin, M.F.A.
Director of the Cybersecurity Center	Richard Mac Namee

College of Business

Dean	Ann B. Murphy, Ph.D.
Associate Dean	Ethan Waples, Ph.D.
Assistant Dean	Pamela Packer, M.S.
Chair, Accounting	Gregory Clifton, J.D.
Chair, Computer Information Systems and Business Analytics	Abel Moreno, Ph.D.
Chair, Economics	Alexandre Padilla, Ph.D.
Chair, Finance	Paul Camp Ph.D.
Chair, Management	Debora Gilliard, Ph.D.
Chair, Marketing	~~Nicole Vowles~~ Sally Baalbaki-Yassine, Ph.D.

College of Health and Human Sciences

Dean	Hope Szypulski, DNP
Interim Associate Dean	Kathy Heyl, M.S., R.D.N.
Associate Dean	~~Vacant~~ Joanne Bailey, Ph.D.
Associate Dean	Rebecca Trammell, Ph.D.
Chair, Criminal Justice and Criminology	Andrea Borrego, Ph.D.
Director of Development and Partnerships, Health Institute	Emily Matuszewicz, D.C.
Chair, Exercise and Sport Sciences	Chad Harris, Ph.D.
Chair, Health Professions	Kevin Zeiler, J.D.
Chair, Human Services and Counseling	Tricia Hudson-Matthew, Ph.D.
Chair, Nursing	Theresa Buxton, Ph.D.
Chair, Nutrition	Rachel Sinley, Ph.D.
Chair, Social Work	Jessica Retrum, Ph.D.
Chair, Speech, Language, Hearing Sciences	Jessica Rossi-Katz, Ph.D.

College of Letters, Arts and Sciences

Dean	John Masserini, D.M.A.
Associate Dean	Ibon Izurieta, Ph.D.
Interim Associate Dean	~~Jason Janke~~ Sheryl Zajdowicz, Ph.D.
Associate Dean	~~Sharon Twigg~~ Ting Jiang, Ph.D.
Associate Dean	Daniel Lair, Ph.D.

Interim Chair, Africana Studies	~~Douglas Mpondi, Ph.D.~~ John Masserini, D.M.A.
Chair, Art	Deanne Pytlinksi, Ph.D.
Interim Chair, Biology	~~Sheryl Zajdowiez~~ Jennifer Gagliardi-Seeley, Ph.D.
Chair, Chemistry and Biochemistry	Andrew Bonham, Ph.D.
Chair, Chicano Studies	Adriana Nieto, Ph.D.
Chair, Communication Studies	Katia Campbell, Ph.D.
Department Chair, Earth and Atmospheric Sciences	Ford Lux, Ph.D.
Chair, English	Andreas Mueller, Ph.D.
Chair, History	Matthew Makley, Ph.D.
Chair, Journalism and Media Production	Christopher Jennings, Ph.D.
Chair, Mathematics and Statistics	Elizabeth McClellan Ribble, Ph.D.
Chair, Music	Brandon Matthews, Ph.D.
Chair, Philosophy	Caleb Cohoe, Ph.D.
Chair, Physics	Ford Lux, Ph.D.
Chair, Political Science	Robert Preuhs, Ph.D.
Chair, Psychological Sciences	Lisa Badanes, Ph.D.
Chair, Sociology and Anthropology	Nicholas Recker, Ph.D.
Chair, Theatre and Dance	Jacob Welch, M.F.A.
Chair, World Languages	Maria Akrabova, Ph.D.
Director of the Gender Institute for Teaching and Advocacy	Anahi Russo Garrido, Ph.D.
Director of the Center for Advanced STEM Education	Hsiu-Ping Liu, Ph.D.
Director of the First Year Writing	Jessica Parker, Ph.D.
Director of the Family Literacy Program	Adriann Wycoff, Ph.D.
Director of the Writing Center	Elizabeth Kleinfeld, Ph.D.

School of Education

Dean	Elizabeth Hinde, Ph.D.
Associate Dean	Lisa Altemueller, Ed.D.
Chair, Elementary Education and Literacy	Corey Sell, Ph.D.
Chair, Secondary, K-12, and Educational Technology	~~Hsin-Te Yeh~~ Roland Schendel, Ph.D.
Chair, Special Education, Early Childhood and Culturally/Linguistically Diverse Education	Kathy Whitmore, Ph.D.
Director, Graduate Programs	Brittany Lane, Ph.D.
Director, Office of Clinical Experiences and Partnerships	Bryan-Bohanan, Ed.D.
Director, Office of Education Solutions	Christine Muldoon, Ed.D.
Director, Alternative Licensure Program	Stephanie Cavalloro

School of Hospitality

Interim Dean	Annie Butler, Ph.D.
~~Co-Chairs~~ Chair, Rita and Navin Dimond Department of Hotel Management	~~Bernardo Alatorre, M.S., Jimi Webb, B.A.~~ Eric Olson, Ph.D.
Director of Student Services and Operations	Jimi Webb, B.A.

Graduate Program Directors/Coordinators

Master of Business Administration	Ethan Waples, Ph.D.
Master of Health Administration	Garrett Chism, M.B.A., EMT-P
Master of Professional Accountancy	Gregory Clifton, J.D., LL.M.
Master of Science in Clinical Behavioral Health, emphasis in Addictions Counseling	Jason Rose (interim), M.A., L.P.C., LAC, NCC
Master of Science in Cybersecurity	LiYing Li, Ph.D.
Master of Science in Human Nutrition and Dietetics	~~Melissa Masters~~ Prabhdeep Sandha, Ph.D.
Master of Social Work	Tanya Greathouse, Ph.D., LCSW
Master of Science in Speech-Language Pathology	Jessica Rossi-Katz, Ph.D.
School of Education Graduate Programs	Brittany Lane, Ph.D.

Faculty

Abell, Marin
~~Assistant~~ Associate Professor-Art
B.F.A., James Madison University; M.F.A., Ohio University

Anastasia-Cartwright, Desiré
~~Associate~~ Professor-Sociology and Anthropology
B.A., Michigan State University; M.L.A., Eastern Michigan University; Ph.D., Wayne State University

Avery, Azure
~~Associate~~ Professor-Physics
B.S., Mississippi State University; B.S., Metropolitan State University of Denver; Ph.D., University of Denver

Battson, Micah
~~Assistant~~ Associate Professor-Nutrition
B.S., University of California-Los Angeles; M.S., University of Colorado-Boulder; Ph.D., Colorado State University

Bechtold, David
~~Associate~~ Professor-Management
B.S., Arizona State University; M.B.A., Ph.D., University of Hawaii-Manoa

Bergman, Peter
~~Associate~~ Professor-Art
B.A., University of California-San Diego; M.F.A., School of the Art Institute of Chicago

Bissell, Erin
~~Assistant~~ Associate Professor-Biology
B.S., Montana State University; Ph.D., University of Colorado-Boulder

Blomfelt, Eric
~~Associate~~ Professor-Management
B.A., J.D., University of Wyoming

Brazeau, Randi
~~Associate~~ Professor-Earth and Atmospheric Sciences
B.S., M.E., University of Florida; Ph.D., Virginia Technology

Canges, Rebecca
~~Associate~~ Professor-Special Education
B.A., M.S., California State University-Long Beach; Ed.D., University of Southern California

Cho, Jacob
~~Assistant~~ Associate Professor-Management
B.Sc., M.Sc., Seoul National University, South Korea; M.B.A., University of Guelph-Canada; Ph.D., University of Western Ontario-Canada

Clement, Dawn
~~Assistant~~ Associate Professor-Music
B.M. Cornish College of the Arts; M.F.A., Vermont College of Fine Arts

Conroy, Kelly
~~Assistant~~ Associate Professor-World Languages
B.A., University of Wisconsin; M.A., University of Minnesota; Ph.D., University of Texas

Darnel, Lori
~~Assistant~~ Associate Professor-Social Work
B.A., University of Michigan; M.S.W., J.D., University of Denver

Dickerson, Chereka
~~Assistant~~ Associate Professor-English
B.S., University of Northern Colorado; M.A., University of Colorado-Denver; Ph.D., Illinois State University

Fayman, Alex
~~Assistant~~ Associate Professor- Finance
B.A., Knox College; M.S., Ph.D., Southern Illinois University

Flores, Felix
~~Assistant~~ Associate Professor-Marketing
B.S., Monterrey Tech.; M.S., University of Monterrey; M.B.A., Pepperdine University; M.B.A. EGADE Business School; Ph.D., University of Texas-El Paso

Flynn, Maureen
~~Associate~~ Professor-Psychological Sciences
B.A., University of Colorado-Denver; M.A., Edinboro University of Pennsylvania; M.A., Ph.D., University of Mississippi

Friedland, Julian L.
~~Assistant~~ Associate Professor-Marketing
B.A., University of Colorado-Boulder; M.A., San Francisco State University; Ph.D., University of Paris 1-Pantheon Sorbonne

Garris, Christopher
~~Associate~~ Professor-Psychological Sciences
B.S., Morehead State University; M.S., Ph.D., University of Kentucky

Griffin, Krista
~~Associate~~ Professor-Elementary Education and Literacy
B.A., M.A., Ed.D., University of Northern Colorado

Halley, Kara
~~Associate~~ Professor-Special Education
B.A., Adams State University; M.A., Ed.D., University of Northern Colorado

Hudson-Matthew, Tricia
~~Associate~~ Professor-Human Services and Counseling
B.S., Metropolitan State University of Denver; M.A., University of Northern Colorado; Ed.D., Argosy University of Denver

Jay, Samuel Max
~~Associate~~ Professor-Communication Studies
B.A., University of Iowa; M.A., University of North Texas; Ph.D., University of Denver

Jeffers, Meredith
~~Associate~~ Professor-World Languages
B.A., Lafayette College; M.A., Ph.D., University of Colorado-Boulder

Jenkins, Matthew
~~Associate~~ Professor-Art
B.A., Adams State University; M.A., University of New Mexico; M.F.A., University of Denver

Johnson, Janelle
~~Associate~~ Professor-Secondary Education
B.S., Northern Arizona University; M.A., Ph.D., University of Arizona

Kiss, Viktor
~~Assistant~~ Associate Professor-Computer Information Systems and Business Analytics
B.A., M.A., Middlesex University of London; Ph.D., University of Pecs-Hungary

Kolts, Jason
~~Associate~~ Professor-Biology
B.A., Utah State University; M.S., Ph.D., University of Wyoming

Lyons, Kristen Erika
~~Associate~~ Professor-Psychology
B.S., California Polytechnic State University; M.A., Ph.D., University of California-Davis

Macy, Elizabeth
~~Assistant~~ Associate Professor-Music
B.A., Colorado College; M.A., University of California-Riverside; Ph.D., University of California-Los Angeles

Mesa, William
~~Assistant~~ Associate Professor-Accounting
B.A., M.A., New Mexico State University; Ph.D., Colorado Technical University

Mota, Thyago
~~Assistant~~ Associate Professor-Computer Science
B.S., Federal University of Ceara; M.S., Pontifical Catholic University of Roi de Janeiro; Ph.D., Colorado School of Mines

Murray, Erin
~~Assistant~~ Associate Professor-Nutrition
B.S., Ph.D., Colorado State University; M.S., School of Medicine, University of Colorado Health Sciences Center

Namgung, Hyon
~~Associate~~ Professor-Criminal Justice and Criminology
B.A., Korea National Police University-South Korea; M.A., University of Exeter-UK; M.A., Ph.D., University of Missouri-St. Louis

Niemeyer, Robert
~~Assistant~~ Associate Professor-Mathematics and Statistics
B.S., M.S., Ph.D., University of California-Riverside

Poole, Shelley
~~Associate~~ Professor-Mathematics and Statistics
B.S., California State University-Chico; Ph.D., University of California-Merced

Seedorf, Erin
~~Assistant~~ Associate Professor-Health Professions
B.A., Hastings College; M.P.H., University of Michigan; D.P.H., University of Colorado-Denver Anschutz

Srinivasan, Shalini
~~Assistant~~ Associate Professor-Chemistry and Biochemistry
B.S., M.S., Purdue University; M.S., University of Illinois; Ph.D., University of Wisconsin-Milwaukee

Stewart, Christopher
~~Assistant~~ Associate Professor-Management
B.S., State University of New York at Albany; M.B.A, University of Denver; Ph.D., Colorado State University

Szypulski, Hope N.
~~Associate~~ Professor-Nursing
B.A., Carroll College; M.S., D.N.P., University of Colorado Health Sciences Center

Thulson, Anne
~~Associate~~ Professor-Art
B.A., Wheaton College; M.F.A., Cranbrook Academy of Art

Trammell, Rebecca W.
~~Associate~~ Professor-Criminal Justice & Criminology
B.A., California State University-San Diego; M.A., Ph.D., University of California-Irvine

Trentin, Summer
~~Associate~~ Professor-Art History
B.A., Cornell College; M.A., University of Colorado-Boulder; M.A., Ph.D., University of Iowa

Trujillo, Kathryn
~~Associate~~ Professor-Social Work
B.A., University of Colorado-Boulder; M.S.W., Ph.D., University of Denver

Ver Eecke, Helene
~~Associate~~ Professor-Biology
B.A., McDaniel College; Ph.D., University of Massachusetts-Amherst

Weiss, Jessica
~~Associate~~ Professor-Art
B.A., University of North Texas; M.A., Southern Methodist University; Ph.D., University of Texas- Austin

Woo, Yunjin
~~Assistant~~ Associate Professor-Art
B.F.A, M.F.A, Seoul National University

You, Helen
~~Assistant~~ Associate Professor-Health Professions

B.A., Shandong University; B.A., University of North Carolina; M.S. University of North Carolina; M.A., University of Memphis; Ph.D., University of Memphis

Emeritus

Chavez, Loretta Ph.D.
Professor Emeritus – Special Education, Early Childhood Education, and Culturally and Linguistically Diverse Education

Doe, Sandra Ed.D.
Professor Emeritus - English

Dollard, Clark Ph.D.
Professor Emeritus – Mathematics and Statistics

Foster, Joan Ph.D.
Professor Emeritus - Biology

Hoffman, David Lynn Ph.D.
Professor Emeritus - Management

Kessel, Richard Ph.D.
Professor Emeritus – Communication Studies

Lamb, John Jackson M.B.A.
Professor Emeritus – Restaurant Management

Leonard, Stephen Ph.D.
Professor Emeritus - History

Lollar, Karen Ph.D.
Professor Emeritus – Communication Studies

Perry Evenstad, Jan Ph.D.
Professor Emeritus – Secondary Education, K-12 Education, and Educational Technology

Ruderman, Renee M.A.
Professor Emeritus – English

Shevalier, Zoe Rae Ph.D.
Professor Emeritus – Sociology and Anthropology

Xiansheng, Tian Ph.D.
Professor Emeritus - History

Academic Calendar

Fall 2023 Semester

Priority Registration Begins	Monday, March 30, 2023
Academic Suspension Appeal Deadline	Monday, August 14, 2023
Tuition Payment Deadline	Friday, August 18, 2023
Classes Begin (Full-Semester Classes)	Monday, August 21, 2023
Last Day to Self-Register for Full-Semester Classes	Monday, August 28, 2023
Last Day to Drop Full-Semester Classes with 100% Refund. For specific refund and withdrawal deadlines for non-full semester classes, look at your student detail schedule in Student Hub.	Monday, August 28, 2023
Labor Day (Campus Closed)	Monday, September 4, 2023
Last Day to Drop Classes with 50% Refund (Full-Semester Classes Only) For specific refund and withdrawal deadlines for non-full semester classes, look at your student detail schedule in Student Hub.	Wednesday, September 6, 2023
Last Day to Withdraw (Full-Semester Classes) For specific refund and withdrawal deadlines for non-full semester classes, look at your student detail schedule in Student Hub.	Friday, November 3, 2023
Fall Break (Campus Open, No Classes)	Monday, November 20 - Sunday, November 26, 2023
Thanksgiving Holiday (Campus Closed)	Wednesday, November 22, 2023
Thanksgiving Holiday (Campus Closed)	Thursday, November 23, 2023
Thanksgiving Holiday (MSU Denver Closed)	Friday, November 24, 2023
Classes End (Full-Semester Classes)	Saturday, December 9, 2023
Final Exam Week	Monday, December 11 - Saturday, December 16, 2023
Commencement	Friday, December 15, 2023
Grades Due From Faculty at Noon	Thursday, December 21, 2023
Grades Available Online at Student Hub	Friday, December 22, 2023
Winter Break (Campus Closed)	Monday, December 25, 2023-Monday, January 1, 2024

Academic Policies and Procedures

Fresh Start

Students returning from a period of absence ~~from~~ seeking to re-enroll at MSU Denver may request that credit and grades from designated semesters previously attempted at MSU Denver not be calculated in GPA or total earned hours.

If such a "Fresh Start" is approved, all courses from designated semesters will appear on the official academic record but will be annotated to indicate they do not count for academic credit or GPA calculation.

This Fresh Start will be granted once, for a period of at least one semester, with a maximum of 54 credit hours, under the following conditions:

- The student must have not been enrolled at MSU Denver for ~~three (3) consecutive calendar years~~ at least one year (three consecutive semesters, including summer). This policy shall only apply to designated semesters in which the student earned a GPA of 2.0 or below, which have not been applied to the completion of an MSU Denver degree or certificate, and which were attempted prior to the ~~three~~ one-year absence.
- The student must be in good financial standing with MSU Denver at the time of application.
- The Fresh Start policy may only be used once in a student's entire MSU Denver career and is only applicable to undergraduate students pursuing a degree at MSU Denver.
- An approved Fresh Start shall not be reversed.
- A notation will be recorded on the student's official transcript that a Fresh Start was applied.
- Students who are declared as non-degree seeking are not eligible (can be seeking a certificate, be undeclared, etc.).
- The student must re-enroll at MSU Denver and complete a minimum of 6 credit hours with a C+ or higher before the fresh start will be applied to the student's academic record.
- Fresh start students who re-enter under academic probation status are required to meet with an advisor and discuss pathways to success, including available university resources.
- If a student becomes inactive due to non-enrollment, their timeline for eligibility will start over.

Grade Change (Undergraduate and Graduate Catalogs)

Grade changes must be submitted within the first seven weeks of the semester following the completion of the class. Spring semester grades can be changed through the seventh week of the following fall semester. Faculty may submit a grade change online to the Office of the Registrar via the Faculty and Staff portal.

a. Incomplete (I)

~~The faculty member may change an Incomplete (I) notation at any time within three consecutive semesters (including summer semester) after the end of the semester in which the class was attempted. At the end of the third consecutive semester (one calendar year), if the incomplete notation remains on the academic record, it will become an "F."~~

The incomplete notation is composed of an "I" (noted on the student's transcript) as well as the student's default grade (A, A-, B+, B, etc.), the grade the student has earned when they leave the class out of the total points of the class (the grade the student will earn if no additional work is submitted). Incomplete work must be completed within the subsequent long semester (fall or spring) or earlier, at the discretion of the faculty member. In the event

of extended extenuating circumstances, the completion date for incomplete work may be extended for an additional long semester, at the discretion of faculty member.

b. Other grade changes

Grades may only be changed on the basis of an error in evaluation, computation, or transcription.

Grades may NOT be changed on the basis of revised standards of evaluation, new examinations, or additional work undertaken or completed after grades are submitted to the Office of the Registrar. ~~Grades may only be changed on the basis of an error in evaluation, computation, or transcription.~~

Honors and Awards

Official Honors Designation

Grades earned for the graduating term will affect honors. GPAs are not rounded up (for example: a GPA of 3.149 is not rounded to 3.15). The Official Honors designation will be calculated following the processing of final grades. This recalculation will take into consideration any grade changes submitted to the Registrar's Office during your graduating term. Only the official honors designation is added to the final transcript and diploma. A student must maintain the specified GPA ~~and must complete a minimum of 50 semester hours of academic credit at MSU Denver~~ by the term of graduation. UCD Pooled classes and other transfer credits are not considered when determining honors.

Honors designations are added to the student's official academic record; no other notification will be sent. For additional information regarding graduation honors, contact the Office of Academic Affairs at 303-615-1900.

Advanced Placement Examinations

Students who have performed satisfactorily in special, college-level courses while in high school, and who have passed appropriate Advanced Placement (AP) examinations conducted by the College Entrance Examination Board may have official scores submitted directly to the Office of the Registrar. This office, in consultation with the appropriate department chair, determines the amount and nature of the credit and/or advanced placement granted. Students should contact collegeboard.com or 888-225-5427 to request official AP scores; MSU Denver's AP code is 4505.

AP scores that are equivalent to a course with the Oral Communication General Studies designation will receive Oral Communication General Studies credit.

The following is the current chart for the course credit awards for Advanced Placement Exam:

Course Credit Awards for Advanced Placement Exams

Subject Area	Exam Title	Score Required	Equivalent Course(s)	Credits Awarded	~~General Studies~~ Requirement Satisfied	GT Pathways Category
Arts	Art History	3	ARTH 1600 - World Art I: Art Prior to 1400	3	Arts and Humanities, Global Diversity	None
		4 or 5	ARTH 1600 - World Art I: Art Prior to 1400 ARTH 1700 - World Art II: Art 1400-1900	6	Arts and Humanities, Global Diversity	None

Computer Science	**Computer Science (A)**	3, 4, or 5	CS 1050 - Computer Science 1	4	None	None
	Computer Sciences (AB)	3	CS 1050 - Computer Science 1	4	None	None
		4 or 5	CS 1050 - Computer Science 1 CS 2050 - Computer Science 2	8	None	None
	Computer Science Principles	3, 4, or 5	CS 1030 - Computer Science Principles	4	None	None
English	**English Language and Composition**	3, 4, or 5	ENG 1010 - Composing Arguments	3	Written Communication	CO1
	English Literature and Composition	3	ENG 1100 - Introduction to Literature	3	Arts and Humanities	AH2
		4 or 5	ENG 1010 - Composing Arguments ENG 1100 - Introduction to Literature	6	Written Communication, Arts and Humanities	CO1 and AH2
History	**United States History**	3	HIS 1210 - American History to 1865	3	Historical	HI1
		4 or 5	HIS 1210 - American History to 1865 HIS 1220 - American History since 1865	6	Historical	HI1
	European History	3	HIS 8000 (3)	3	Historical, Global Diversity	HI1
		4 or 5	HIS 1045 - Europe, Renaissance to the Present HIS 8000 (3)	6	Historical, Global Diversity	HI1
	World History	3	HIS 1030 - World History to 1500	3	Historical, Global Diversity	HI1
		4 or 5	HIS 1030 - World History to 1500 HIS 1040 - World History since 1500	6	Historical, Global Diversity	HI1

Languages	**Chinese Language and Culture**	3	CHI 1020 - Elementary Chinese II	5	Arts and Humanities, Global Diversity	None
		4	CHI 1020 - Elementary Chinese II CHI 8000 (3)	8	Arts and Humanities, Global Diversity	None
		5	CHI 1020 - Elementary Chinese II CHI 8000 (6)	11	Arts and Humanities, Global Diversity	None
	French Language and Culture	3	FRE 1020 - Elementary French II FRE 2110 - French Reading and Conversation	8	Arts and Humanities, Global Diversity	None
		4	FRE 1020 - Elementary French II FRE 2010 - Intermediate French I FRE 2110 - French Reading and Conversation	11	Arts and Humanities, Global Diversity	None
		5	FRE 1020 - Elementary French II FRE 2010 - Intermediate French I FRE 2110 - French Reading and Conversation	14	Arts and Humanities, Global Diversity	None
	French Literature and Culture	3 or 4	FRE 1020 - Elementary French II FRE 2010 - Intermediate French I FRE 2110 - French Reading and Conversation	11	Arts and Humanities, Global Diversity	None
		5	FRE 1020 - Elementary French II FRE 2010 - Intermediate French I FRE 2020 - Intermediate French II FRE 2110 - French Reading and Conversation	17	Arts and Humanities, Global Diversity	None

			FRE 3010 - French as a Global Language		
	German Language and Culture	3	GER 1020 - Elementary German II GER 2010 - Intermediate German I GER 2020 - Intermediate German II	11	Arts and Humanities, Global Diversity	None
		4	GER 1020 - Elementary German II GER 2010 - Intermediate German I GER 2020 - Intermediate German II GER 2110 - German Reading and Conversation	14	Arts and Humanities, Global Diversity	None
		5	GER 1020 - Elementary German II GER 2010 - Intermediate German I GER 2020 - Intermediate German II GER 2110 - German Reading and Conversation GER 2120 - German Civilization	17	Arts and Humanities, Global Diversity	None
	German Literature	3	GER 1020 - Elementary German II GER 2010 - Intermediate German I GER 2020 - Intermediate German II	11	Arts and Humanities, Global Diversity	None
		4	GER 1020 - Elementary German II GER 2010 - Intermediate German I GER 2020 - Intermediate German II	14	Arts and Humanities, Global Diversity	None

			GER 2110 - German Reading and Conversation			
		5	GER 1020 - Elementary German II GER 2010 - Intermediate German I GER 2020 - Intermediate German II GER 2110 - German Reading and Conversation GER 2120 - German Civilization	17	Arts and Humanities, Global Diversity	None
	Latin	3, 4, or 5	LAS 8000 (5)	5	Arts and Humanities, Global Diversity	None
	Italian Language and Culture	3	ITA 1020 - Elementary Italian II	5	Arts and Humanities, Global Diversity	None
		4	ITA 1020 - Elementary Italian II ITA 2010 - Intermediate Italian I	8	Arts and Humanities, Global Diversity	None
		5	ITA 1020 - Elementary Italian II ITA 2010 - Intermediate Italian I ITA 2020 - Intermediate Italian II	11	Arts and Humanities, Global Diversity	None
	Japanese Language and Culture	3	JPS 1020 - Elementary Japanese II	5	Arts and Humanities, Global Diversity	None
		4	JPS 1020 - Elementary Japanese II JPS 2010 - Intermediate Japanese I	8	Arts and Humanities, Global Diversity	None
		5	JPS 1020 - Elementary Japanese II JPS 2010 - Intermediate Japanese I JPS 2020 - Intermediate Japanese II	11	Arts and Humanities, Global Diversity	None

	Spanish Language and Culture	3	SPA 1020 - Elementary Spanish II SPA 2010 - Intermediate Spanish I SPA 2020 - Intermediate Spanish II	11	Arts and Humanities, Global Diversity	None
		4	SPA 1020 - Elementary Spanish II SPA 2010 - Intermediate Spanish I SPA 2020 - Intermediate Spanish II SPA 2110 - Spanish Reading and Communication I	14	Arts and Humanities, Global Diversity	None
		5	SPA 1020 - Elementary Spanish II SPA 2010 - Intermediate Spanish I SPA 2020 - Intermediate Spanish II SPA 2110 - Spanish Reading and Communication I SPA 2120 - Spanish Reading and Communication II	17	Arts and Humanities, Global Diversity	None
	Spanish Literature and Culture	3	SPA 1020 - Elementary Spanish II SPA 2010 - Intermediate Spanish I SPA 2020 - Intermediate Spanish II	11	Arts and Humanities, Global Diversity	None
		4 or 5	SPA 1020 - Elementary Spanish II SPA 2010 - Intermediate Spanish I SPA 2020 - Intermediate Spanish II SPA 2110 - Spanish Reading and Communication I SPA 2120 - Spanish Reading and Communication II	17	Arts and Humanities, Global Diversity	None

Mathematics	**Pre-Calculus**	3, 4, or 5	MTH 1400	4	Quantitative Literacy	MA1
	Calculus AB	3, 4, or 5	MTH 1410 - Calculus I	4	Quantitative Literacy	MA1
	Calculus BC	3	MTH 1410 - Calculus I	4	Quantitative Literacy	MA1
	Calculus BC	4 or 5	MTH 1410 - Calculus I MTH 2410 - Calculus II	8	Quantitative Literacy	MA1
	Statistics	3, 4, or 5	MTH 1210 - Introduction to Statistics	4	Quantitative Literacy	MA1
Natural and Physical Sciences	**Biology**	3, 4, or 5	BIO 1080 - General Biology I BIO 1081 - General Biology II BIO 1090 - General Biology Laboratory I BIO 1091 - General Biology Laboratory II	8	Natural and Physical Sciences	SC1
	Chemistry	3	CHE 1800 - General Chemistry I CHE 1801 - General Chemistry I Laboratory	5	Natural and Physical Sciences	SC1
	Chemistry	4 or 5	CHE 1800 - General Chemistry I CHE 1801 - General Chemistry I Laboratory CHE 1810 - General Chemistry II CHE 1811 - General Chemistry II Laboratory	10	Natural and Physical Sciences	SC1
	Environmental Science	3, 4, or 5	ENV 1200 - Introduction to Environmental Science	3	Natural and Physical Sciences	SC2
	Physics B	3, 4, or 5	PHY 2010 - College Physics I PHY 2020 - College Physics II PHY 2030 - College Physics I Laboratory PHY 2040 - College Physics II Laboratory	10	Natural and Physical Sciences	None

	Physics C Mechanics	3, 4, or 5	PHY 2311 - General Physics I PHY 2321 - General Physics I Laboratory	5	Natural and Physical Sciences	SC1
	Physics C Electricity and Magnetism	3, 4, or 5	PHY 2331 - General Physics II PHY 2341 - General Physics II Laboratory	5	Natural and Physical Sciences	SC1
	Physics 1	3, 4, or 5	PHY 2010 - College Physics I PHY 2030 - College Physics I Laboratory	5	Natural and Physical Sciences	SC1
	Physics 2	3, 4, or 5	PHY 2020 - College Physics II PHY 2040 - College Physics II Laboratory	5	Natural and Physical Sciences	SC1
Social and Behavioral Sciences	**African American Studies**	3, 4, or 5	AAS 1010-Introduction to Africana Studies	3	Social and Behavioral Sciences, ESSJ	SS3
	Economics: Microeconomics	3, 4, or 5	ECO 2020 - Principles of Microeconomics	3	Social and Behavioral Sciences	SS1 and SS2
	Economics: Macroeconomics	3, 4, or 5	ECO 2010 - Principles of Macroeconomics	3	Social and Behavioral Sciences	SS1
	Human Geography	3, 4, or 5	GEG 1300 - Introduction to Human Geography	3	Social and Behavioral Sciences, Global Diversity	SS1
	Government and Politics: United States	3, 4, or 5	PSC 1010 - American National Government	3	Social and Behavioral Sciences	SS1
	Government and Politics: Comparative	3, 4, or 5	PSC 1010 - American National Government	3	Social and Behavioral Sciences	SS1
	Psychology	3, 4, or 5	PSY 1001 - Introductory Psychology	3	Social and Behavioral Sciences	None
Music	**Music Theory**	3, 4, or 5	MUS 1010 - Essential Music Theory Skills	3	None	None
Philosophy	**Philosophy**	3, 4, or 5	PHI 1010 - The Big Questions: An Introduction to Philosophy	3	Arts and Humanities	None

Degree and Certificate Requirements

Requirements for a Second Bachelor's Degree

Academic Residency Requirements

- ~~Students must spend at least two additional semesters in residence after the awarding of the previous degree.~~
- Students previously awarded a bachelor's degree by another accredited institution must complete a minimum of 30 ~~semester~~ credit hours ~~of~~ at MSU Denver ~~classroom credit~~, with a minimum of eight semester hours in upper division courses (3000- and 4000-level courses) in the major, after the awarding of the previous degree.
- ~~Students may not repeat courses used to complete the first degree, unless the catalog allows the course to be repeated (for example, variable topics courses).~~
- Students previously awarded a bachelor's degree by MSU Denver do not need to meet the academic residency requirements but must complete a minimum of eight semester hours in upper division courses (3000- and 4000-level courses) in the major and complete required coursework for their second degree.

General Studies Requirements

General Policy Related to Timing of Completion

The following course categories must be completed within the first 30, college-level credits (including credits completed at MSU Denver and those transferred from other institutions):

- Written Communication (first 3 semester hours of coursework)
- Oral Communication (3 semester hours of coursework)
- Quantitative Literacy (3 semester hours of coursework)

The following course category must be completed within the first 45 or 90, college-level credits (including credits completed at MSU Denver and those transferred from other institutions):

- Written Communication (remaining 3 semester hours of coursework)
- A 45-credit rule applies to students completing a CO-1 (beginning writing course) and CO-2 (intermediate writing course) requirement.
- A 90-credit rule applies to students completing a CO-2 (intermediate writing course) and CO-3 (advanced writing course) requirement.
- Lists of courses for each category can be found in the course lists section.

Additional Rules for General Studies for Specific Majors

a. **Nursing Majors:** Credit for biology courses of anatomy and physiology, in which the student earned a grade of "C" or better, may be substituted for the natural and physical sciences requirement for all students with a nursing major.

b. ~~**Human Performance and Sport Majors:** Students will use BIO 2310-4 to satisfy a portion of the natural and physical sciences requirement.~~

b. **Teacher Education Licensure Programs:** Students in programs currently requiring MUS 3060/ARTH 3060 may receive general studies credit in the arts and humanities category for the 2016-2017 academic year.

Graduation (Undergraduate and Graduate Catalogs)

Diplomas and Transcripts

Diplomas are mailed approximately six weeks after the semester ends. Students must update their mailing address if there has been a change.

Official transcripts with the posted degree will be available approximately four weeks after the semester ends. Students may request transcripts as early as the middle of their last semester and indicate that it is to be held until the degree is posted. Transcripts may be requested in person at the Office of the Registrar, SSB 160, by fax at 303-556-3999, or via the Office of the Registrar's website under transcripts. Diplomas and transcripts will NOT be issued if money is owed to MSU Denver. If you owe any money to MSU Denver, please contact the Office of the Bursar, SSB 150, 303-615-0070, to arrange payment.

Registration and Records

Special Registration

Interinstitutional Registration

Interinstitutional registration applies to MSU Denver students taking courses at the Community College or Denver (CCD) and to CCD students taking courses at MSU Denver. Interinstitutional application deadlines are published in the Academic Calendar. During any semester, a student may not be registered interinstitutionally for more than 50% of the total number of hours carried for that term.

For MSU Denver students:

MSU Denver students may register interinstitutionally for a maximum of 9 credits (6 credits in Summer) and may not register for more interinstitutional credits than they are taking at MSU Denver.

MSU Denver students wishing to enroll at CCD must complete the Interinstitutional Application.

MSU Denver students are restricted from registering for:

- Certain Colorado Community College (CCC) Online classes at CCD
- Remedial classes through the interinstitutional registration process

Interinstitutional courses will not satisfy academic residence requirements for a degree from MSU Denver. The total number of community college credits applicable to a degree from MSU Denver is 64, which includes interinstitutional and transfer credit. Only courses transferable to MSU Denver will apply toward a degree.

For CCD students:

Students from CCD are not eligible to register for online courses or off-campus courses offered at MSU Denver South, including correspondence and tele-courses.

CCD students must be degree-seeking. Courses taken at MSU Denver must be transferrable to CCD and apply toward their degree.

CCD students may not place their names on waitlists for closed classes at MSU Denver.

CCD students are restricted from registering for CU Denver Pooled Courses.

Interinstitutional students enrolled at MSU Denver will be charged all extra fees such as additional class fees, etc.

Graduate Academic Regulations (Graduate Catalog)

Simultaneous Enrollment

~~Simultaneous enrollment in more than one graduate degree program is prohibited by the Office of Graduate Studies. Simultaneous enrollment in a graduate degree program and a graduate certificate program is permitted. Because of the fundamental requirement that at least two-thirds (2/3) of the total credit requirement for a certificate must be earned after admission to the certificate program, graduate degree-seeking students who are interested in acquiring a graduate certificate as an intermediate step should promptly apply to the certificate program. Simultaneous enrollment in two graduate certificate programs is permitted. Simultaneous enrollment in more than two graduate certificate programs is prohibited by the Office of Graduate Studies. Simultaneous enrollment in graduate degree and 2 or two graduate certificate programs is also prohibited by the Office of Graduate Studies.~~

The following dual enrollment **options apply:**

a. **Dual** *degree* programs enrollment:
   With the written per**mission of both graduate degree programs, strong students (as defined by both degree programs) may enroll into two graduate *degree* programs concurrently. Students may double count up to 12 credits (six from each program), on which both programs must agree. Programs are not obligated to allow any double counting.**

b. **Graduate degree plus graduate certificate enro**llment:
   Students may enroll in a graduate *degree* **program plus a graduate certificate program simultaneously.**

c. **Enrollment in a deg**ree granting program plus two graduate certificate programs:
   The **enrollment in a degree granting program plus two graduate certificate programs is *not* permitted.**

d. **Enrollment** in two graduate certificate programs:
   Students may enroll **in two graduate certificate programs simultaneously. If both graduate certificate programs have one course in common, both certificate programs can agree to count this course for both graduate certificates. Alternatively, one of the graduate certificate programs must guide the student towards a replacement course.**

Department Pages - Modification

All department pages in the undergraduate catalog were modified to match the following template:

Department Name

Physical Location

Phone Number

Email

Website

Program List

- Programs will be listed by program type then alphabetically

Course List

- Courses will be listed by course time then in numerical order

Associate of General Studies Degree

New Program

Under certain circumstances, students who have stopped out of Metropolitan State University of Denver for at least one year in the past decade and not completed a bachelor's degree, may be eligible to receive an Associate of General Studies Degree from the university.

The Colorado Re-Engaged (CORE) Initiative contained within HB 21-1330 allowed universities in the state to award an associate degree, a 2-year credential, to certain students who started a higher education but left without completing a bachelor's degree. To be eligible, the student must have stopped attending MSU Denver for at least one calendar year (three semesters including summer), not continued at another university to complete a bachelor's degree, and meet the following criteria:

- Must have completed at least 70 credit hours
- Must have completed at least 18 credit hours at MSU Denver
- Cannot have completed 15 or more credit hours total from the Colorado Community College System (Concurrent enrollment credits earned through a community college while in high school do not count toward the 15 community college credits. Credits earned at an out-of-state community college do not count towards direct transfer.)
- Must have stopped out in the past 10 years

Working with the state, MSU Denver will review students who stopped out during the 10-year period prior to the publication of this fall catalog and meet the above criteria. If those former students meet the following standards, they will be eligible to receive an Associate of General Studies degree. To wit:

- At least 18 of the former student's earned credits should have been earned by completing state-recognized General Education courses with a grade of C- or higher.
- These 18 credits may have been earned at MSU Denver or at other institutions in the state that offer courses meeting the state's guaranteed transfer (gtPathways) requirements.
- Have a cumulative GPA for all course work of at least 2.0.
- Courses completed must include at least 18 credit hours in the university's General Studies program.

MSU Denver will review these students twice each year, once in the fall and once in the spring, to determine eligibility. Eligible students will be contacted by the university to arrange delivery of the Associate of General Studies degree.

Questions about this process? Contact the **Office of the Registrar**

College of Business

Program Modification

Accounting Major, B.S.

Department of Accounting

College of Business

Available Program Format(s): Online, In-Person, Hybrid

About the Program

The undergraduate accounting program offers a broad education in accounting and business that provides students the foundational global knowledge, skills and abilities to ethically engage in an accounting career, and be able to prepare and communicate accounting information for management and stakeholder decision-making.

In addition to the business core, students will also complete coursework in 5 areas within the accounting discipline to ensure that graduates are also prepared to pursue professional licensure and certification, as well as graduate education, within accounting or other business disciplines.

Student Outcomes

Upon graduation, accounting students will demonstrate comprehension of and competence in the areas of Audit, Accounting Information and Technology, Financial Accounting and Reporting, Managerial Accounting, and Taxation.

The College of Business B.S. programs, including Accounting, share a common set of five learning goals reflecting cross-disciplinary core competencies, knowledge, and skills.

~~GOAL 1: Communication - Business students will be able to communicate effectively.~~

~~1.1 - Prepare effective written communication~~

~~1.2 - Deliver effective oral presentations~~

~~GOAL 2: Decision Making - Business students will be able to analyze business decisions and propose recommendations drawn from appropriate frameworks.~~

~~GOAL 3: Business Environment - Business students will be knowledgeable of global and ethical frameworks and how they relate to business decisions.~~

~~3.1 - Analyze global business factors and their impact on business solutions.~~

~~3.2 - Analyze ethical considerations and their impact on business solutions.~~

~~GOAL 4: Technological Agility - Business students will demonstrate the ability to readily adapt to and apply new technologies to inform business decisions.~~

~~GOAL 5: Core Knowledge - Business students will demonstrate competence in required business topics, including accounting, computer information systems, finance, marketing, management, and business law.~~

Upon graduation, accounting students will demonstrate comprehension of and competence in the following:

Goal 1. Audit

Accounting students will demonstrate comprehension of and competence in the area of auditing based on GAAS framework.

Goal 2: Accounting information and Technology

Accounting students will demonstrate comprehension of and competence in the area of accounting information systems and technology

Goal 3: Financial Accounting and Reporting

Accounting students will demonstrate comprehension of and competence in the areas of financial accounting and external reporting

Goal 4. Managerial Accounting

Accounting students will demonstrate comprehension of and competence in the areas of cost accounting and managerial accounting.

Goal 5. Individual Taxation

Accounting students will demonstrate comprehension of and competence in the area of individual taxation.

The College of Business B.S. programs, including Accounting, share a common set of four cross-disciplinary core competencies, knowledge, and skills.

Competency 1: Communication - Business students will be able to:

1.1 - Communicate effectively through writing.

1.2 - Communicate effectively through speaking.

Competency 2: Business Solutions - Business students will be able to analyze a business situation and recommend effective solutions utilizing:

2.1 - appropriate technological frameworks.

2.2 - appropriate ethical frameworks.

2.3 - appropriate global frameworks.

Competency 3: Technological Agility - Business students will be able to:

3.1 - understand the impact of current technology on the business environment.

Competency 4: Core Knowledge - Business students will demonstrate competence in required business topics, including accounting, computer information systems, data analytics, economics, ethics, finance, marketing, management, and business law.

General Degree Requirements

To earn a degree, students must satisfy all requirements in each of the four areas below, in addition to their individual major requirements.

- [Degree and Certificate Requirements](#)
- [General Studies Requirements](#)
- [Ethnic Studies & Social Justice Graduation Requirement](#)
- [Senior Experience Graduation Requirements](#)

Program Requirements

- A total of 120 semester hours are required for graduation.
- To earn a Bachelor of Science degree in Accounting, a student must successfully complete 30 or more credit hours of business coursework at MSU Denver. This 30-hour residency requirement can be met by completing any business courses with the prefix ACC, ACCM, BNK, BUS, CIS, ECO, FIN, MGT, MKT, and REL and a course number of 2000 or higher. A student must complete at least 12 upper-division semester hours in Accounting at MSU Denver.
- In order to graduate, students must maintain a 2.0 average inside the **Business Core**.
- A grade of C- or better is required for each Accounting major course in this program (i.e. major courses required or accounting electives) to count toward the bachelor's degree.
- In order to graduate, a grade of C- or better is required in MGT 4950.
- ~~A grade of C or better is required for each accounting course and a C- or better is required in business courses to count toward the bachelor's degree.~~ Students should note that programs differ in the minimum grade required.
- A minor is not required for this program.

Additional Program Information:

- Students interested in becoming Certified Public Accountants (CPAs) in Colorado should be aware that they must take two auditing courses and one ethics course to qualify for licensure. To fulfill CPA requirements, one of the two required auditing courses must be ACC 4200 - Auditing and Attestation. All states require 150 semester hours of education to become a licensed CPA. MSU Denver offers classes that satisfy the 150-hour requirement for licensure.
- ACC 1010 will not substitute as a requirement in the Bachelor of Science in Accounting.
- Students should consult an Accounting faculty advisor to develop an appropriate academic program. A wide variety of internship opportunities are available through the C2 Hub.

General Studies Requirements: 33 credits

Students should consult the General Studies Requirements for a list of courses that fulfill the General Studies Requirements for degree completion.

- Written Communication (6 credits)
- Oral Communication (3 credits)
    - **Recommended:** COMM 1010 - Presentational Speaking or COMM 1100 - Fundamentals of Oral Communication (one of these courses is required in the College of Business Additional Requirements)
- Quantitative Literacy (3 credits)
    - **Recommended:** MTH 1310-Finite Mathematics for the Management and Social Sciences, as it is the pre-requisite for MTH 1320, which is an "Additional Requirement" for College of Business students completing any Bachelor of Science major.

- Arts and Humanities (6 credits)
- Historical (3 credits)
- Natural and Physical Sciences (6 credits)
- Social and Behavioral Sciences (6 credits)
  - **Recommended:** ECO 2010 - Principles of Macroeconomics (required in the ~~College of~~ Business Core ~~Additional Requirements~~)
  - **Recommended:** ECO 2020 - Principles of Microeconomics (required in the ~~College of~~ Business Core ~~Additional Requirements~~)
- Global Diversity (0 or 3 credits**)

** Students will fulfill the global diversity requirement by taking an approved course within one of the following categories: arts and humanities; historical; natural and physical sciences; or social and behavioral sciences.

Ethnic Studies & Social Justice Requirement: 0 or 3 credits

- Students should consult the Ethnic Studies & Social Justice Graduation Requirement for a list of courses that fulfill the ESSJ Requirement for degree completion.
- Many programs include courses that meet this requirement. Students should consult with their advisor to determine what program courses may fulfill this requirement.

College of Business Additional Requirements: 15 credits

- COMM 1010 - Presentational Speaking **Credits:** 3

- or
- COMM 1100 - Fundamentals of Oral Communication **Credits:** 3

-
- ~~ECO 2010 - Principles of Macroeconomics **Credits:** 3~~
- ~~ECO 2020 - Principles of Microeconomics **Credits:** 3~~
- MTH 1320 - Calculus for the Management and Social Sciences **Credits:** 3 *(pre-requisite: MTH 1310; can also accept MTH 1109, MTH 1110, MTH 1112, or MTH 1400; with a grade of C- or better) (MTH 1410, MTH 2410 or MTH 2420 may be substituted for MTH 1320)*
- ~~PSC 1010 - American National Government **Credits:** 3~~

Business Core: ~~36 credits~~ 42-45 credits

All business majors require foundation course work in all significant areas of business theory and practice. The following courses are required for ~~all majors in~~ all students majoring in Accounting. ~~A grade of "C-" or better must be earned in each business core course to have that course count toward the Bachelor of Science degree in Accounting.~~ Students must maintain a 2.0 average inside the **Business Core.** A student cannot register for a business core course until all General Studies requirements in Written Communication, Oral Communication, and Quantitative Literacy are complete.

- ACC 2010 - Principles of Accounting I **Credits:** 3
- ACC 2020 - Principles of Accounting II **Credits:** 3
- ACC 4440 Accounting Ethics and Professionalism **Credits:** 3

Or

- BUS 3040 Global Corporate Social Responsibility and Sustainability **Credits:** 3

Or

- Enrollment in the MPAcc 3+2 Program
- BUS 1850 - Introduction to Business **Credits:** 3*
- BUS 1950 - Business Communication **Credits:** 3
- CIS 2010 - Foundations of Information Systems **Credits:** 3
- CIS 3300 - Business Analytics I (Descriptive and Predictive) **Credits:** 3
- CIS 3320 - Business Analytics II (Prescriptive) **Credits:** 3
- ECO 2010 Principles of Macroeconomics **Credits:** 3
- ECO 2020 Principles of Microeconomics **Credits:** 3
- FIN 3300 - Managerial Finance **Credits:** 3
- MGT 2210 - Legal Environment of Business I **Credits:** 3
- MGT 3000 - Organizational Management **Credits:** 3
- MGT 4950 - Strategic Management **Credits:** 3**
- MKT 3000 - Principles of Marketing **Credits:** 3

* Transfer students that transfer in 6 or more credits of business courses will not need to take BUS 1850 but may take any other College of Business 3-credit hour course that does not appear in their Major or Business Core requirements.
** ~~Accounting majors must earn a minimum grade of C in all accounting courses.~~ C- or better must be earned in MGT 4950

~~Ethics Requirement: 0-3 credits~~

~~ACC 4440 - Accounting Ethics and Professionalism **Credits:** 3~~

~~or~~
~~BUS 3040 - Global Corporate Social Responsibility and Sustainability **Credits:** 3~~

~~or~~
~~Enrollment in the MPAcc 3+2 Program~~

Accounting Major Requirements: 18 credits

Accounting majors should have learning experiences that focus on the development, measurement, analysis, validation, and communication of financial and other information. The following courses are required for all majors in Accounting. A grade of C- or better is required to each course in this section to count toward the bachelor's degree.

- ACC 3090 - Income Tax I **Credits:** 3
- ACC 3300 - Accounting Information Systems **Credits:** 3
- ACC 3400 - Cost Accounting **Credits:** 3
- ACC 3510 - Intermediate Accounting I **Credits:** 3
- ACC 3520 - Intermediate Accounting II **Credits:** 3
- ACC 4200 - Auditing and Attestation **Credits:** 3

Accounting Electives: 6 credits

A grade of C- or better is required for each course in this section to count toward the bachelor's degree. Students should complete 6 credits of upper division accounting courses. Below are suggested courses, but any upper division ACC course (3000 or 4000 level) will count towards this requirement.

- ACC 3100 - Income Tax II **Credits:** 3
- ACC 3110 - Volunteer Income Tax Assistance (VITA) **Credits:** 3

- ACC 3200 - Governmental Accounting **Credits:** 3
- ACC 3750 - International Accounting **Credits:** 3
- ACC 3980 - Internship in Accounting **Credits:** 1-15
- ACC 4440 - Accounting Ethics and Professionalism **Credits:** 3
- ACC 4510 - Advanced Accounting **Credits:** 3
- ACC 4520 - Mergers and Acquisitions **Credits:** 3
- ACC 3700 - Risk Assurance and Advisory I **Credits:** 3

Senior Experience: 3 credits

- MGT 4950 - Strategic Management **Credits:** 3 (this course is also required in the Business Core)

Summary of Requirements

General Studies Requirements	33 credits
ESSJ Requirement	0-3 credits
College of Business Additional Requirements	6-7 credits
Business Core	~~36 credits~~ 42-45 credits
~~College of Business Additional Requirements~~	~~15 credits~~
~~Ethics Requirement~~	~~0-3 credits~~
Major Requirements	18 credits
Major Electives	6 credits
Senior Experience	(counted in business core)
Unrestricted Electives	~~6-21 credits~~ 8-27 credits
Total for the Accounting Major, B.S.	**120 credits**

Required courses for the major may also count for General Studies and ESSJ requirements, so the total credits listed may be greater than the number required to complete the degree. Therefore, it is important that you work with your advisor to make sure you are meeting requirements for your degree.

Program Modification

Banking Major, B.S.

Department of Finance

College of Business

Available Program Format(s): Online, In-Person, Hybrid

About the Program
The Banking Degree is a Bachelor of Science Program within the College of Business. Banking majors may either pursue a concentration in Compliance or Financial Analysis or complete the major without a concentration by choosing from a set of courses in consultation with an advisor. Students may add an optional International Business Concentration.

Student Outcomes
Students will receive a broad education in banking and finance, the banking industry, and related regulatory institutions. Our curriculum is driven with purpose to make you a well-rounded, objective, and analytical banking authority with the managerial skills that can help you achieve a long and lucrative career.

All students earning the B.S. in Banking program will meet the Banking program learning outcomes. All Banking majors meet:

LG 1: Financial and Banking Knowledge and Competence - Demonstrate proficiency in knowledge of

Objective 1.1 – Financial Markets and Institutions

Objective 1.2 – Monetary Policy and Central Banking

Objective 1.3 – Privacy and Data Security

Objective 1.4 – Bank Types and Regulation

In addition, the second objective for Banking majors is track dependent:

For students in the Credit Analysis track

LG 2: Ability to use data to make banking decisions regarding

Objective 2.1 Creditworthiness

Objective 2.2 Risk of an investment

Objective 2.3 Correlation of risk between current holdings and proposed investments

For students in the Compliance track

LG 2: Ability to use data to apply the tools of compliance in a banking sector by:

Objective 2.1 Applying regulatory requirements to banking practice

Objective 2.2 Culture of compliance and the lines of defense in compliance

Objective 2.3 Being able to contribute to audits, investigations, and report drafting

Objective 2.4 Proposing and evaluating policies to protect firms

The College of Business B.S. programs, including Banking, share a common set of four cross-disciplinary core competencies, knowledge, and skills.

Competency 1: Communication - Business students will be able to:

1.1 - Communicate effectively through writing.

1.2 - Communicate effectively through speaking.

Competency 2: Business Solutions - Business students will be able to analyze a business situation and recommend effective solutions utilizing:

2.1 - appropriate technological frameworks.

2.2 - appropriate ethical frameworks.

2.3 - appropriate global frameworks.

Competency 3: Technological Agility - Business students will be able to:

3.1 - understand the impact of current technology on the business environment.

Competency 4: Core Knowledge - Business students will demonstrate competence in required business topics, including accounting, computer information systems, data analytics, economics, ethics, finance, marketing, management, and business law.

General Degree Requirements

To earn a degree, students must satisfy all requirements in each of the four areas below, in addition to their individual major requirements.

- Degree and Certificate Requirements
- General Studies Requirements
- Ethnic Studies & Social Justice Graduation Requirement
- Senior Experience Graduation Requirements

Program Requirements

- A total of 120 semester hours are required for graduation.
- To earn a Bachelor of Science degree in Banking, a student must successfully complete 30 or more credit hours of business coursework at MSU Denver. This 30-hour residency requirement can be met by completing any business courses with the prefix ACC, ACCM, BNK, CIS, ECO, FIN, MGT, MKT, or REL and a course number of at least 2000. A student must complete at least twelve (12) upper-division semester hours in BNK or BNK electives at MSU Denver.
- In order to graduate, students must maintain a 2.0 average inside the Business Core.
- In order to graduate, a ~~A~~ grade of "C" or better is required for each major course to count toward the bachelor's degree. Students should note that programs differ in the minimum grade required.
- In order to graduate, a grade of "C-" or better is required in MGT 4950
- A minor is not required for this program.

General Studies: 33 credits

Students should consult the General Studies Requirements for a list of courses that fulfill the General Studies Requirements for degree completion. The Department recommends students complete an Arts and Humanities, Historical, or Natural and Physical Science elective that also meets the Global Diversity or ESSJ requirements.

- Written Communication (6 credits)
- Oral Communication (3 credits)
  - o **Recommended:** Students may fulfill this requirement by taking a course listed in the additional College of Business Requirements COMM 1010 - Presentational Speaking or COMM 1100 - Fundamentals of Oral Communication
- Quantitative Literacy (3 credits)
  - o **Recommended:** Students may fulfill this requirement by taking MTH 1310 - Finite Mathematics for the Management and Social Sciences; or MTH 1311 - Finite Mathematics for the Management and Social Sciences with Laboratory with MTH 1312 - Finite Mathematics Laboratory. MTH 1310 - Finite Mathematics for the Management and Social Sciences and MTH 1311/MTH 1312 are prerequisites to MTH 1320 - Calculus for the Management and Social Sciences, which is an additional requirement for College of Business students completing any Bachelor of Science major. Students may also take MTH 1110 - College Algebra for Calculus; MTH 1108 - College Algebra Stretch, Part I/ MTH 1109 - College Algebra Stretch, Part II; or MTH 1111 - College Algebra for Calculus with Laboratory with MTH 1101 - College Algebra Laboratory.
- Arts and Humanities (6 credits)
- Historical (3 credits)
- Natural and Physical Sciences (6 credits)
- Social and Behavioral Sciences (6 credits)
  - o **Recommended:** ~~Students may fulfill this requirement by taking courses listed in the College of Business Requirements such as~~ ECO 2010 - Principles of Macroeconomics (required in the Business Core) ~~and~~
  - o **Recommended:** ECO 2020 - Principles of Microeconomics (required in the Business Core)
- Global Diversity (0 or 3 credits**)

*** Students will fulfill the global diversity requirement by taking an approved course within one of the following categories: Arts and Humanities; Historical; Natural and Physical Sciences; or Social and Behavioral Sciences.*

Ethnic Studies & Social Justice Requirement: 0 or 3 credits

- Students should consult the Ethnic Studies & Social Justice Graduation Requirement for a list of courses that fulfill the ESSJ Requirement for degree completion.
- ~~The College of Business offers two ESSJ courses: MKT 3750 - Multicultural Marketing, and MGT 4830 - Workforce Diversity.~~ Many programs include courses that meet this requirement. Students should consult with their advisor to determine what program courses may fulfill this requirement.

College of Business Additional Requirements: ~~15-16 credits~~ 6-7 credits

- ~~BUS 3040 - Global Corporate Social Responsibility and Sustainability **Credits:** 3~~
- COMM 1010 - Presentational Speaking **Credits:** 3

- or
- COMM 1100 - Fundamentals of Oral Communication **Credits:** 3
- ~~ECO 2010 - Principles of Macroeconomics **Credits:** 3~~
- ~~ECO 2020 - Principles of Microeconomics **Credits:** 3~~
- MTH 1320 - Calculus for the Management and Social Sciences **Credits:** 3 (pre-requisite: MTH 1310; can also accept MTH 1109,MTH 1110, MTH 1112, or MTH 1400; with a grade of C- or better).
- (MTH 1410, MTH 2410, or MTH 2420 may be substituted for MTH 1320)

- ~~or~~
- ~~MTH 1410 - Calculus I~~ **Credits:** ~~4~~

- ~~or~~
- ~~MTH 2410 - Calculus II~~ **Credits:** ~~4~~

Business Core: ~~36 credits~~ 45 credits

All business majors require foundation course work in all significant areas of business theory and practice. The following courses are required for all students majoring in Banking. ~~majors in banking~~. Students must maintain a 2.0 average inside the **Business** Core. A student cannot register for a business core course until all General Studies requirements in Written Communication, Oral Communication, and Quantitative Literacy are complete. ~~A grade of "C-" or better must be earned in each business core course to have that course count toward the Bachelor of Science degree in Banking~~. ~~Students should note that programs differ in the minimum grade required.~~

- BUS 1850 - Introduction to Business **Credits:** 3 *
- BUS 1950 - Business Communication **Credits:** 3
- ACC 2010 - Principles of Accounting I **Credits:** 3
- ACC 2020 - Principles of Accounting II **Credits:** 3
- BUS 3040 Global Corporate Social Responsibility and Sustainability **Credits:** 3
- CIS 2010 - Foundations of Information Systems **Credits:** 3
- CIS 3300 - Business Analytics I (Descriptive and Predictive) **Credits:** 3
- CIS 3320 - Business Analytics II (Prescriptive) **Credits:** 3
- ECO 2010 - Principles of Macroeconomics **Credits:** 3
- ECO 2020 - Principles of Microeconomics **Credits:** 3
- FIN 3300 - Managerial Finance **Credits:** 3
- MGT 2210 - Legal Environment of Business I **Credits:** 3
- MGT 3000 - Organizational Management **Credits:** 3
- MGT 4950 - Strategic Management **Credits:** 3**
- MKT 3000 - Principles of Marketing **Credits:** 3

Transfer students that transfer in 6 or more credits of business courses will not need to take BUS 1850 but may take any other College of Business 3-credit hour course that does not appear in their Major or Business Core requirements.
***"C-" or better must be earned in MGT 4950*

Banking Major Required Courses: 18 credits

Banking majors must complete the Banking core and a concentration. Banking majors may either pursue a concentration in Compliance or Financial Analysis or complete the major without a concentration by choosing from a set of courses in consultation with an advisor. A minimum grade of "C" is required for courses in the major.

- BNK 2700 - Introduction to Banking **Credits:** 3
- BNK 3600 - Management of Banking Operations **Credits:** 3
- BNK 4600 - Risk Analysis for Financial Services Organizations **Credits:** 3
- ECO 3100 - Money and Banking **Credits:** 3
- FIN 3010 - Financial Markets and Institutions **Credits:** 3
- MKT 3250 - Personal Selling **Credits:** 3

Concentration Options (select one): 12 credits

Compliance Concentration: 12 credits

A minimum grade of "C" is required for concentration courses.

- BNK 3800 - Culture and Practice of Compliance **Credits:** 3
- BNK 3900 - Regulatory Environment of Banking **Credits:** 3
- BNK 4750 - Case Studies in Compliance **Credits:** 3
- CIS 2500 - Security Essentials **Credits:** 3

Financial Analysis Concentration: 12 credits

A minimum grade of "C" is required for concentration courses.

- FIN 3600 - Investments **Credits:** 3
- FIN 3850 - Intermediate Finance **Credits:** 3
- FIN 4200 - Financial Modeling with Spreadsheets **Credits:** 3
- FIN 4600 - Security Analysis and Portfolio Management **Credits:** 3

Banking Major No Concentration: 12 credits

A minimum grade of "C" is required.

Choose 12 credits from the following courses in consultation with an advisor:

- ACC 3300 - Accounting Information Systems **Credits:** 3
- ACC 3510 - Intermediate Accounting I **Credits:** 3
- BNK 3800 - Culture and Practice of Compliance **Credits:** 3
- BNK 3900 - Regulatory Environment of Banking **Credits:** 3
- BNK 4750 - Case Studies in Compliance **Credits:** 3
- CIS 2500 - Security Essentials **Credits:** 3
- ECO 3500 - Managerial Economics **Credits:** 3
- FIN 3600 - Investments **Credits:** 3
- FIN 3850 - Intermediate Finance **Credits:** 3
- FIN 4200 - Financial Modeling with Spreadsheets **Credits:** 3
- MGT 3530 - Human Resources Management **Credits:** 3
- MGT 3550 - Operations Management **Credits:** 3
- MGT 4530 - Organizational Behavior **Credits:** 3
- MGT 4830 - Workforce Diversity **Credits:** 3
- MKT 3300 - Marketing of Services **Credits:** 3
- MKT 3310 - Consumer Behavior **Credits:** 3

Senior Experience: 3 credits

- MGT 4950 - Strategic Management **Credits:** 3 (this course is also required in the Business Core)

Summary of Requirements

General Studies Requirements	33 credits
ESSJ Requirement	0-3 credits
College of Business Additional Requirements	6-7 credits
Business Core	~~36 credits~~ 45 credits
~~Additional Requirements~~	~~15-16 credits~~
Major Requirements	18 credits
Concentration Selection	12 credits
Senior Experience	(counted in business core)
Unrestricted Electives	2-18 credits
Total for the Banking Major, B.S.	**120 credits**

Required courses for the major may also count for General Studies and ESSJ requirements, so the total credits listed may be greater than the number required to complete the degree. Therefore, it is important that you work with your advisor to make sure you are meeting requirements for your degree.

Program Modification

Business Administration Major, B.S.

Department of Marketing

College of Business

Available Program Format(s): In-Person, Online

About the Program
The B.S. in Business Administration is a general business degree that enables students to build cross-functional expertise and prepares students to progress their career into multi-function business and leadership roles. The B.S. in Business Administration degree program enables students who do not need or desire deep expertise in one functional area an opportunity to create several areas of business focus which match their needs. Students will complete business core and additional requirements that provide a solid foundation across business functions. Within the major, students will select 21 credits of business coursework with a maximum of 9 credits in any one area of business, enabling students to select from a broad array of courses that support students' professional interests. Finally, students complete the degree with a course on Strategic Leadership (MGT 4910). As part of the College of Business, the B.S. in Business Administration is accredited by AACSB.

Student Outcomes
The purpose of the B.S. in Business Administration is to prepare graduates to progress their career into multi-function business and leadership roles.

Goal 1: Students will apply outcomes from self-assessments and knowledge from major coursework to clearly communicate career pathways.

Goal 2: Students will be able to integrate knowledge across business functions.

2.1 - Students will be able to integrate data from multiple functional areas to inform decision making.

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2.2 - Students will demonstrate knowledge of how to interact with and manage teams in a range of functional areas.

The College of Business B.S. programs, including Business Administration, share a common set of five learning goals reflecting cross-disciplinary core competencies, knowledge, and skills.

GOAL 1: Communication - Business students will be able to communicate effectively.

1.1 - Prepare effective written communication

1.2 - Deliver effective oral presentations

GOAL 2: Decision Making - Business students will be able to analyze business decisions and propose recommendations drawn from appropriate frameworks.

GOAL 3: Business Environment - Business students will be knowledgeable of global and ethical frameworks and how they relate to business decisions.

3.1 - Analyze global business factors and their impact on business solutions.

3.2 - Analyze ethical considerations and their impact on business solutions.

GOAL 4: Technological Agility - Business students will demonstrate the ability to readily adapt to and apply new technologies to inform business decisions.

GOAL 5: Core Knowledge - Business students will demonstrate competence in required business topics, including accounting, computer information systems, finance, marketing, management, and business law.

Competency 1: Communication - Business students will be able to:

1.1 - Communicate effectively through writing.

1.2 - Communicate effectively through speaking.

Competency 2: Business Solutions - Business students will be able to analyze a business situation and recommend effective solutions utilizing:

2.1 - appropriate technological frameworks.

2.2 - appropriate ethical frameworks.

2.3 - appropriate global frameworks.

Competency 3: Technological Agility - Business students will be able to:

3.1 - understand the impact of current technology on the business environment.

Competency 4: Core Knowledge - Business students will demonstrate competence in required business topics, including accounting, computer information systems, data analytics, economics, ethics, finance, marketing, management, and business law.

General Degree Requirements

To earn a degree, students must satisfy all requirements in each of the four areas below, in addition to their individual major requirements.

Program Requirements

- A total of 120 semester hours are required for graduation.
- ~~A grade of C- or better is required for each course in this program to count toward the bachelor's degree~~. Students should note that programs differ in the minimum grade required.
- A minor is not required for this program.
- To earn a Bachelor of Science degree in Business Administration, a student must successfully complete 30 or more credit hours of business coursework at MSU Denver. This 30-hour residency requirement can be met by completing any business courses with the prefix ACC, ACCM, BNK, BUS, CIS, ECO, FIN, MGT, ~~and~~ MKT, and REL and a course number of 2000 or higher. A student must complete at least ~~twelve (12)~~ 12 upper-division semester hours in Business Administration ~~the major~~ at MSU Denver.
- In order to graduate, students must maintain a 2.0 average inside the **Business Core** and also maintain a 2.0 inside **Business Administration Major required courses**~~,~~ and **elective courses**~~.~~
- In order to graduate, a grade of "C-" or better is required in MGT 4950.

General Studies Requirements: 33 credits

Students should consult the General Studies Requirements for a list of courses that fulfill the General Studies Requirements for degree completion.

- Written Communication (6 credits)
- Oral Communication (3 credits)
  - **Recommended:** COMM 1010 - Presentational Speaking or COMM 1100 - Fundamentals of Oral Communication, as one of these is required to fulfill an "Additional Requirement" for College of Business students completing any Bachelor of Science major.
- Quantitative Literacy (3 credits)
  - **Recommended:** MTH 1310 - Finite Mathematics for the Management and Social Sciences , as it is the pre-requisite for MTH 1320, which is an "Additional Requirement" for College of Business students completing any Bachelor of Science major.
- Arts and Humanities (6 credits)
- Historical (3 credits)
- Natural and Physical Sciences (6 credits)
- Social and Behavioral Sciences (6 credits)
  - **Recommended:** ECO 2010 - Principles of Macroeconomics ~~and~~ (required in the Business Core)
  - **Recommended:** ECO 2020 - Principles of Microeconomics ~~these courses fulfill an "Additional Requirement" for College of Business students completing any Bachelor of Science major.~~ (required in the Business Core)

** Students will fulfill the global diversity requirement by taking an approved course within one of the following categories: arts and humanities; historical; natural and physical sciences; or social and behavioral sciences.

Ethnic Studies & Social Justice Requirement: 0 or 3 credits

Students should consult the Ethnic Studies & Social Justice Graduation Requirement for a list of courses that fulfill the ESSJ Requirement for degree completion.

Many programs include courses that meet this requirement. Students should consult with their advisor to determine what program courses may fulfill this requirement.

College of Business Additional Requirements: ~~15 credits~~ 6-7 credits

Each of the following courses must be completed for the Business Administration degree.

- ~~BUS 3040 - Global Corporate Social Responsibility and Sustainability~~ **Credits:** ~~3~~
- COMM 1010 - Presentational Speaking **Credits:** 3

    - or
- COMM 1100 - Fundamentals of Oral Communication **Credits:** 3
- ~~ECO 2010 - Principles of Macroeconomics~~ **Credits:** ~~3~~
- ~~ECO 2020 - Principles of Microeconomics~~ **Credits:** ~~3~~
- MTH 1320 - Calculus for the Management and Social Sciences **Credits:** 3

Business Core: ~~36 credits~~ 45 credits

~~All business majors require foundation coursework in all significant areas of business theory and practice. The following courses are required for all majors in Business Administration. A grade of "C-" or better must be earned in each business core course to have that course count toward the Bachelor of Science degree in Marketing. Students should note that programs differ in the minimum grade required. Please note the pre-requisites required for each course.~~

All business majors require foundation course work in all significant areas of business theory and practice. The following courses are required for all students majoring in Business Administration. Students must maintain a 2.0 average inside the **Business Core.** A student cannot register for a business core course until all General Studies requirements in Written Communication, Oral Communication, and Quantitative Literacy are complete.

- BUS 1850 - Introduction to Business **Credits:** 3*
- BUS 1950 - Business Communication **Credits:** 3
- BUS 3040 - Global Corporate Social Responsibility and Sustainability **Credits:** 3
- ACC 2010 - Principles of Accounting I **Credits:** 3
- ACC 2020 - Principles of Accounting II **Credits:** 3
- CIS 2010 - Foundations of Information Systems **Credits:** 3
- CIS 3300 - Business Analytics I (Descriptive and Predictive) **Credits:** 3
- CIS 3320 - Business Analytics II (Prescriptive) **Credits:** 3
- ECO 2010 Principles of Macroeconomics **Credits:** 3
- ECO 2020 Principles of Microeconomics **Credits:** 3
- FIN 3300 - Managerial Finance **Credits:** 3
- MGT 2210 - Legal Environment of Business I **Credits:** 3
- MGT 3000 - Organizational Management **Credits:** 3
- MGT 4950 - Strategic Management **Credits:** 3**
- MKT 3000 - Principles of Marketing **Credits:** 3

    * Transfer students that transfer in 6 or more credits of business courses will not need to take BUS 1850 but may take any other College of Business 3-credit hour course that does not appear in their Major or Business Core requirements.
    ** "C-" or better must be earned in MGT 4950

Major Requirements: 24 credits

In order to graduate, students must maintain a 2. 0 average inside Business Administration Major required courses.

Business Administration majors will select 21 upper-division credits (3000 or 4000 level) from College of Business prefix courses (ACC, BNK, CIS, ECO, FIN, MGT, MKT, REL); must be courses not already taken to fulfill other degree requirements. Students may take a maximum of 9 credits in any one prefix.

- MGT 4910 - Strategic Leadership **Credits:** 3

Senior Experience: 3 credits

- MGT 4950 - Strategic Management **Credits:** 3 (this course is also required in the Business Core)

Summary of Requirements

General Studies Requirements	33 credits
ESSJ Requirement	0-3 credits
College of Business Additional Requirements	6-7 credits
Business Core	36 credits 45 credits
College of Business Additional Requirements	15 credits
Major Courses	24 credits
Senior Experience	(counted in business core)
Unrestricted Electives	9-24 credits 8-21 credits
Total for the Business Administration Major, B.S.	120 credits

Required courses for the major may also count for General Studies and ESSJ requirements, so the total credits listed may be greater than the number required to complete the degree. Therefore, it is important that you work with your advisor to make sure you are meeting requirements for your degree.

Program Modification

Business Intelligence Major, B.S.

Department of Computer Information Systems and Business Analytics

College of Business

Available Program Format(s): Online, In-Person, Hybrid

About the Program
The AACSB-Accredited Bachelor of Science in Business Intelligence degree provides a solid foundation in business data analytics as well as the ability to use state-of-the-art methods to stay ahead of the curve in decision-making processes. The

program addresses Information Systems topics such as problem-solving, database management systems, systems analysis and design, and information systems security. In addition, the following subjects are part of the degree: business analytics (descriptive, predictive and prescriptive), knowledge discovery and data mining, data science and big data, and data warehousing. The degree contains coverage of classic and cutting-edge tools and techniques including optimization models, waiting line models, simulation and transportation models, as well as key statistical-based tools such as regression modeling, analysis of variance, and tests of independence. Other topics included are data structures and data visualization approaches, advanced methods for predictive analytics using the state-of-the-art software R, supervised learning methods such as neural nets, KNN, classification and regression trees, along with unsupervised learning methods such as association rules, cluster analysis, and principal component analysis. Given the importance of primary and secondary data to the processes of marketing planning and strategy, as well as of marketing insights and product innovation, the degree also includes content of marketing research methods and tools.

Student Outcomes

Goal 1 - Communication:
Students will be able to communicate effectively.
Objective 1.1 - Prepare effective written communication
Objective 1.2 - Deliver effective oral presentations

Goal 2 - Decision Making:
Students will be able to discover business problems and propose recommendations drawn from appropriate frameworks.
Objective 2.1 - Evaluate the situation using appropriate methods and tools
Objective 2.2 - Recommend potential solutions using appropriate methods and tools

Goal 3 - Business Environment:
Students will be knowledgeable of ethical and global frameworks and how they relate to business decisions.
Objective 3.1 - Students will be able to assess ethical considerations in business decision making.
Objective 3.2 - Students will demonstrate an understanding of the implications of operating in a global business environment.

Goal 4 - Core Knowledge:
Students will demonstrate competence in required business intelligence topics.
Objective 4.1: Database Management
Objective 4.2: Data Mining/Machine Learning
Objective 4.3: Big Data Analytics
Objective 4.4: Marketing Research

Goal 1 - Core Knowledge:

Students will demonstrate competence in required business intelligence topics.

Objective 1.1: Database Management

Objective 1.2: Data Mining/Machine Learning

Objective 1.3: Big Data Analytics

Objective 1.4: Marketing Research

The College of Business B.S. programs, including Business Intelligence, share a common set of four cross-disciplinary core competencies, knowledge, and skills.

Competency 1: Communication - Business students will be able to:

1.1 - Communicate effectively through writing.

1.2 - Communicate effectively through speaking.

Competency 2: Business Solutions - Business students will be able to analyze a business situation and recommend effective solutions utilizing:

2.1 - appropriate technological frameworks.

2.2 - appropriate ethical frameworks.

2.3 - appropriate global frameworks.

Competency 3: Technological Agility - Business students will be able to:

3.1 - understand the impact of current technology on the business environment.

Competency 4: Core Knowledge - Business students will demonstrate competence in required business topics, including accounting, computer information systems, data analytics, economics, ethics, finance, marketing, management, and business law.

General Degree Requirements

To earn a degree, students must satisfy all requirements in each of the four areas below, in addition to their individual major requirements.

- Degree and Certificate Requirements
- General Studies Requirements
- Ethnic Studies & Social Justice Graduation Requirement
- Senior Experience Graduation Requirements

Program Requirements

- A total of 120 semester hours are required for graduation.
- To earn a Bachelor of Science degree in Business Intelligence, a student must successfully complete 30 or more credit hours of business coursework at MSU Denver. This 30-hour residency requirement can be met by completing any business courses with the prefix ACC, ACCM, BNK, BUS, CIS, ECO, FIN, MGT, MKT, and REL and a course number of 2000 or higher.
- ~~A grade of C- or better is required for each course in the **Business Core** to count toward the bachelor's degree.~~ In order to graduate, students must maintain a 2.0 average inside the **Business Core** and also maintain a 2.0 inside **Business Intelligence required courses** and **elective courses**.
- In order to graduate, a grade of "C-" or better is required in MGT 4950.
- Students should note that programs differ in the minimum grade required.
- A minor is not required for this program.

General Studies Requirements: 33 credits

Students should consult the General Studies Requirements for a list of courses that fulfill the General Studies Requirements for degree completion.

- Written Communication (6 credits)
- Oral Communication (3 credits)
  - o **Recommended:** COMM 1010 - Presentational Speaking or COMM 1100 - Fundamentals of Oral Communication, as one of these is required to fulfill an "Additional Requirement" for College of Business students completing any Bachelor of Science major.
- Quantitative Literacy (3 credits)
  - o **Recommended:** MTH 1310 - Finite Mathematics for the Management and Social Sciences, as it is the pre-requisite for MTH 1320 - Calculus for the Management and Social Sciences, which is an "Additional Requirement" for College of Business students completing any Bachelor of Science major.
- Arts and Humanities (6 credits)
- Historical (3 credits)
- Natural and Physical Sciences (6 credits)
- Social and Behavioral Sciences (6 credits)
  - o **Recommended:** ECO 2010 - Principles of Macroeconomics (required in the Business Core) and
  - o **Recommended:** ECO 2020 - Principles of Microeconomics (required in the Business Core) these courses fulfill an "Additional Requirement" for College of Business students completing any Bachelor of Science major.
- Global Diversity (0 or 3 credits**)

Ethnic Studies & Social Justice Requirement: 0 or 3 credits

- Students should consult the Ethnic Studies & Social Justice Graduation Requirement for a list of courses that fulfill the ESSJ Requirement for degree completion.
- Many programs include courses that meet this requirement. Students should consult with their advisor to determine what program courses may fulfill this requirement.

College of Business Requirements: 15 credits 6-7 credits

- BUS 3040 - Global Corporate Social Responsibility and Sustainability **Credits:** 3
- COMM 1010 - Presentational Speaking **Credits:** 3

- or
- COMM 1100 - Fundamentals of Oral Communication **Credits:** 3

-
- ECO 2010 - Principles of Macroeconomics **Credits:** 3
- ECO 2020 - Principles of Microeconomics **Credits:** 3
- MTH 1320 - Calculus for the Management and Social Sciences **Credits:** 3 (pre-requisite: MTH 1310; can also accept MTH 1109, MTH 1110, MTH 1112, or MTH 1400; with a grade of C- or better)

Business Core: 36 credits 45 credits

All business majors require foundation course work in all significant areas of business theory and practice. The following courses are required for all majors in Business Intelligence. A grade of "C-" or better must be earned in each business core course to have that course count toward the Bachelor of Science degree in Business Intelligence. Students should note that programs differ in the minimum grade required. Please note the pre-requisites required for each course. All business majors require foundation course work in all significant areas of business theory and practice. The following courses are

required for all students majoring in Business Intelligence. Students must maintain a 2.0 average inside the **Business Core.** A student cannot register for a business core course until all General Studies requirements in Written Communication, Oral Communication, and Quantitative Literacy are complete. Students should note that programs differ in the minimum grade required. Please note the pre-requisites required for each course.

- ACC 2010 - Principles of Accounting I **Credits:** 3
- ACC 2020 - Principles of Accounting II **Credits:** 3
- BUS 1850 - Introduction to Business **Credits:** 3
- BUS 1950 - Business Communication **Credits:** 3
- BUS 3040 - Global Corporate Social Responsibility and Sustainability **Credits:** 3
- CIS 2010 - Foundations of Information Systems **Credits:** 3
- CIS 3300 - Business Analytics I (Descriptive and Predictive) **Credits:** 3
- CIS 3320 - Business Analytics II (Prescriptive) **Credits:** 3
- ECO 2010 - Principles of Macroeconomics **Credits:** 3
- ECO 2020 - Principles of Microeconomics **Credits:** 3
- FIN 3300 - Managerial Finance **Credits:** 3
- MGT 2210 - Legal Environment of Business I **Credits:** 3
- MGT 3000 - Organizational Management **Credits:** 3
- MGT 4950 - Strategic Management **Credits:** 3**
- MKT 3000 - Principles of Marketing **Credits:** 3

* Transfer students that transfer in 6 or more credits of business courses will not need to take BUS 1850 but may take any other College of Business 3-credit hour course that does not appear in their Major or Business Core requirements.
** "C-" or better must be earned in MGT 4950

Required Courses: 27 credits

In order to graduate, students must maintain a 2. 0 average inside Business Intelligence Major required courses, and elective courses.

- CIS 2110 - Structured Problem Solving in Information Systems **Credits:** 3
- CIS 2500 - Security Essentials **Credits:** 3
- CIS 3060 - Database Management Systems **Credits:** 3
- CIS 3145 - Business Application Development **Credits:** 3
- CIS 3350 - Knowledge Discovery and Data Mining **Credits:** 3
- CIS 3460 - Data Warehousing and Mining **Credits:** 3
- CIS 4060 - Advanced Database Management Systems **Credits:** 3
- CIS 4370 - Data Science and Big Data Analytics **Credits:** 3
- MKT 3010 - Marketing Research **Credits:** 3

Senior Experience: 3 credits

- MGT 4950 - Strategic Management **Credits:** 3 (this course is also required in the Business Core)

Summary of Requirements

General Studies Requirement	33 credits

ESSJ Requirement	0-3 credits
College of Business Additional Requirements	6-7
Business Core	~~36 credits~~ 45 credits
~~College of Business Requirements~~	~~15 credits~~
Major Requirements	27 credits
Senior Experience	(counted in business core)
Unrestricted Electives	~~6-21 credits~~ 5-18 credits
Total for the Business Intelligence Major, B.S.	**120 credits**

Required courses for the major may also count for General Studies and ESSJ requirements, so the total credits listed may be greater than the number required to complete the degree. Therefore, it is important that you work with your advisor to make sure you are meeting requirements for your degree.

Program Modification

Computer Information Systems Major, B.S.

Department of Computer Information Systems and Business Analytics

College of Business

Available Program Format(s): Online Learning

About the Program
The Computer Information Systems (CIS) bachelor's program offers a challenging education in both general business and modern technology that will allow the student to become part of the fast-paced digital world. This is the only CIS program in Colorado accredited by both **AACSB and ABET**, the world's top accrediting agencies for business and engineering/technology/computing programs.

The Computer Information Systems courses involve hands-on experience in the latest technologies applied in the context of business. Not only does the student have opportunities to take courses in HTML5 and CSS3, Java/Python, PHP and operating systems such as Windows, UNIX and Linux, but can also take advantage of advanced studies in cybersecurity, business analytics, systems analysis and design, database design and administration, telecommunications, local and wide-area networking, data mining, ERP/SAP, Web administration and application development.

Student Outcomes
- SO1: Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
- SO2: Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
- SO3: Communicate effectively in a variety of professional contexts.
- SO4: Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
- SO5: Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.

- SO6: Support the delivery, use, and management of information systems within an information systems environment.

The College of Business B.S. programs, including Computer Information Systems, share a common set of four cross-disciplinary core competencies, knowledge, and skills.

Competency 1: Communication - Business students will be able to:

1.1 - Communicate effectively through writing.

1.2 - Communicate effectively through speaking.

Competency 2: Business Solutions - Business students will be able to analyze a business situation and recommend effective solutions utilizing:

2.1 - appropriate technological frameworks.

2.2 - appropriate ethical frameworks.

2.3 - appropriate global frameworks.

Competency 3: Technological Agility - Business students will be able to:

3.1 - understand the impact of current technology on the business environment.

Competency 4: Core Knowledge - Business students will demonstrate competence in required business topics, including accounting, computer information systems, data analytics, economics, ethics, finance, marketing, management, and business law.

General Degree Requirements

To earn a degree, students must satisfy all requirements in each of the four areas below, in addition to their individual major requirements.

- Degree and Certificate Requirements
- General Studies Requirements
- Ethnic Studies & Social Justice Graduation Requirement
- Senior Experience Graduation Requirements

Program Requirements

- A total of 120 semester hours are required for graduation.
- To earn a Bachelor of Science degree in Computer Information Systems, a student must successfully complete 30 or more credit hours of business coursework at MSU Denver. This 30-hour residency requirement can be met by completing any business courses with the prefix ACC, ACCM, BNK, BUS, CIS, ECO, FIN, MGT, MKT, and REL and a course number of 2000 or higher. A student must complete at least twelve (12) upper-division semester hours in Computer Information Systems at MSU Denver.

- ~~A grade of C- or better is required for each course in the **Business Core** to count toward the bachelor's degree.~~ In order to graduate, students must maintain a 2.0 average inside the **Business Core** and also maintain a 2.0 inside **Computer Information Systems Major required courses** and **elective courses.**
- In order to graduate, a grade of "C-" or better is required in MGT 4950.
- Students should note that programs differ in the minimum grade required.
- A minor is not required for this program.

General Studies: 33 credits

Students should consult the General Studies Requirements for a list of courses that fulfill the General Studies Requirements for degree completion.

- Written Communication (6 credits)
- Oral Communication (3 credits)
  - **Recommended:** COMM 1010 - Presentational Speaking or COMM 1100 - Fundamentals of Oral Communication, as one of these is required to fulfill an "Additional Requirement" for College of Business students completing any Bachelor of Science major.
- Quantitative Literacy (3 credits)
  - **Recommended:** MTH 1310 - Finite Mathematics for the Management and Social Sciences, as it is the pre-requisite for MTH 1320 - Calculus for the Management and Social Sciences, which is an "Additional Requirement" for College of Business students completing any Bachelor of Science major.
- Arts and Humanities (6 credits)
- Historical (3 credits)
- Natural and Physical Sciences (6 credits)
- Social and Behavioral Sciences (6 credits)
  - **Recommended:** ECO 2010 - Principles of Macroeconomics ~~and~~ (required in the Business Core)
  - **Recommended:** ECO 2020 - Principles of Microeconomics - (required in the Business Core)~~These courses fulfill an "Additional Requirement" for College of Business students completing any Bachelor of Science major~~.
- Global Diversity (0 or 3 credits**)

*** Students will fulfill the global diversity requirement by taking an approved course within one of the following categories: arts and humanities; historical; natural and physical sciences; or social and behavioral sciences.*

Ethnic Studies & Social Justice Requirement: 0 or 3 credits

Students should consult the Ethnic Studies & Social Justice Graduation Requirement for a list of courses that fulfill the ESSJ Requirement for degree completion.

Many programs include courses that meet this requirement. Students should consult with their advisor to determine what program courses may fulfill this requirement.

College of Business Requirements: ~~15 credits~~ 6-7 credits

- ~~BUS 3040 - Global Corporate Social Responsibility and Sustainability **Credits:** 3~~

- COMM 1010 - Presentational Speaking **Credits:** 3
  - or
- COMM 1100 - Fundamentals of Oral Communication **Credits:** 3

- ~~ECO 2010 - Principles of Macroeconomics **Credits:** 3~~
- ~~ECO 2020 - Principles of Microeconomics **Credits:** 3~~
- MTH 1320 - Calculus for the Management and Social Sciences **Credits:** 3 (pre-requisite: MTH 1310; can also accept MTH 1109, MTH 1110, MTH 1112, or MTH 1400; with a grade of C- or better)

Business Core: 36 credits

~~All business majors require foundation course work in all significant areas of business theory and practice. The following courses are required for all majors in Computer Information Systems. A grade of "C-" or better must be earned in each business core course to have that course count toward the Bachelor of Science degree in Computer Information Systems. Students should note that programs differ in the minimum grade required. Please note the pre-requisites required for each course.~~ All business majors require foundation course work in all significant areas of business theory and practice. The following courses are required for all students majoring in Computer Information Systems. Students must maintain a 2.0 average inside the **Business Core.** A student cannot register for a business core course until all General Studies requirements in Written Communication, Oral Communication, and Quantitative Literacy are complete. Students should note that programs differ in the minimum grade required. Please note the pre-requisites required for each course.

- ACC 2010 - Principles of Accounting I **Credits:** 3
- ACC 2020 - Principles of Accounting II **Credits:** 3
- BUS 1850 - Introduction to Business **Credits:** 3 *
- BUS 1950 - Business Communication **Credits:** 3
- BUS 3040 - Global Corporate Social Responsibility and Sustainability **Credits:** 3
- CIS 2010 - Foundations of Information Systems **Credits:** 3
- CIS 3300 - Business Analytics I (Descriptive and Predictive) **Credits:** 3
- CIS 3320 - Business Analytics II (Prescriptive) **Credits:** 3
- ECO 2010 - Principles of Macroeconomics **Credits:** 3
- ECO 2020 - Principles of Microeconomics **Credits:** 3
- FIN 3300 - Managerial Finance **Credits:** 3
- MGT 2210 - Legal Environment of Business I **Credits:** 3
- MGT 3000 - Organizational Management **Credits:** 3
- MGT 4950 - Strategic Management **Credits:** 3**
- MKT 3000 - Principles of Marketing **Credits:** 3

*Transfer students that transfer in 6 or more credits of business courses will not need to take BUS 1850 but may take any other College of Business 3-credit hour course that does not appear in their Major or Business Core requirements.
**"C-" or better must be earned in MGT 4950

Computer Information System Major Requirements: 30 credits

In order to graduate, students must maintain a 2. 0 average inside the Business Core and also maintain a 2. 0 inside Computer Information Systems Major required courses, and elective courses.

(21 required credits plus 9 credits from Option 1 or 9 credits from Option 2):

Required Courses: 21 credits

- CIS 2110 - Structured Problem Solving in Information Systems **Credits:** 3
- CIS 3050 - Fundamentals of Systems Analysis and Design **Credits:** 3
- CIS 3060 - Database Management Systems **Credits:** 3
- CIS 3230 - Telecommunication Systems and Networking **Credits:** 3
- CIS 3145 - Business Application Development **Credits:** 3
- CIS 3500 - Information Systems Security **Credits:** 3
- CIS 4050 - Systems Analysis and Design **Credits:** 3

Option 1: CIS Degree (9 credits)

This option does not require students to declare an area of concentration and thus allows them maximum flexibility in choosing their two upper-division CIS Electives and their CIS Capstone Group course.

Computer Information Systems Capstone Group (any 4000-level CIS course excluding CIS 4050) (3 credits)

Upper-division CIS Electives (6 credits)

Option 2: CIS Degree with an Area of Concentration (9 credits)

This option requires students to declare one, and only one, area of concentration. The area of concentration chosen dictates the CIS electives the students take. In addition, students complete the same set of core CIS courses as in Option 1.

Select one of the following concentrations:

Application Development

- CIS 3030 - Business Web Page Development **Credits:** 3
- CIS 4060 - Advanced Database Management Systems **Credits:** 3
- CIS 4160 - Advanced Programming Seminar **Credits:** 3

Business Analytics Concentration

- CIS 3350 - Knowledge Discovery and Data Mining **Credits:** 3
- CIS 3460 - Data Warehousing and Mining **Credits:** 3
- CIS 4370 - Data Science and Big Data Analytics **Credits:** 3

Database Development and Administration

- CIS 3460 - Data Warehousing and Mining **Credits:** 3
- CIS 4060 - Advanced Database Management Systems **Credits:** 3
- CIS 4260 - Database Administration **Credits:** 3

Information Systems Security

- CIS 4500 - Information Systems Security Tools and Techniques **Credits:** 3
- CIS 4550 - Information Systems Security Management and Information Assurance **Credits:** 3

    and
- CIS 4280 - Network Installation and Administration **Credits:** 3

    or

- CIS 4281 - Network Installation and Administration with UNIX/Linux **Credits:** 3

Network Systems and Administration

- CIS 3280 - LAN and WAN Systems for Business **Credits:** 3

  and two of the following courses:
- CIS 4280 - Network Installation and Administration **Credits:** 3
- CIS 4281 - Network Installation and Administration with UNIX/Linux **Credits:** 3
- CIS 4500 - Information Systems Security Tools and Techniques **Credits:** 3

Web Development and Administration

- CIS 3030 - Business Web Page Development **Credits:** 3
- CIS 4030 - Web Site Administration **Credits:** 3
- CIS 4500 - Information Systems Security Tools and Techniques **Credits:** 3

Senior Experience: 3 credits

- MGT 4950 - Strategic Management **Credits:** 3 (this course is also required in the Business Core)

Summary of Requirements

General Studies Requirement	33 credits
ESSJ Requirement	0-3 credits
College of Business Additional Requirements	6-7 credits
Business Core	~~36 credits~~ 45 credits
~~Additional Requirements~~	~~15 credits~~
Major Requirements	30 credits
Senior Experience	(counted in business core)
Unrestricted Electives	~~3-18 credits~~ 2-18 credits
Total for the Computer Information Systems Major, B.S.	120 credits

Required courses for the major may also count for General Studies and ESSJ requirements, so the total credits listed may be greater than the number required to complete the degree. Therefore, it is important that you work with your advisor to make sure you are meeting requirements for your degree.

Program Modification

Economics Major, B.A.

Department of Economics   Available Program Format(s): In-Person

MSU Denver's Economics program is not a business program and Economics majors do not have the same requirements as other majors in the College of Business. For example, Economics majors do not need to take the business core. Graduates will receive a Bachelor of Arts degree instead of a Bachelor of Science degree.

About the Program

The Department of Economics is a non-business degree program housed in the College of Business offering a traditional Bachelor of Arts degree. Economics is the scientific study of the allocation of scarce or limited resources among competing uses. The study of economics provides specialized and general knowledge of the operation of economic systems and institutions. The bachelor of arts degree program gives students a fundamental knowledge of domestic and foreign economies and the quantitative tools necessary for independent analytical research and thought. Specialized courses develop the student's ability to apply the tools of economic theory and analysis to a broad range of social, political, and economic issues. Such training is essential for graduates who wish to qualify for positions as professional economists and provides an excellent background for students interested in law school or graduate programs in economics, finance, or business. Majors interested in graduate studies in economics are highly encouraged to minor in mathematics.

Student Outcomes

Mission

Our mission statement reflects our commitment.

The Department of Economics at the Metropolitan State University of Denver delivers a high quality, accessible bachelor of arts program in economics while also providing significant service to the University, the College of Business, and the community by providing accessible and quality general studies courses in the principles of microeconomics and macroeconomics. We prepare students for lifelong learning in a complex free civil society; for graduate or professional education in economics, business and legal studies, or the law; and for careers in a broad range of private and public activities.

The Department of Economics pursues excellence in teaching and learning as its primary purpose. The faculty of the department engages in scholarly activity that contributes to the literature in applied and basic economic research and other professional activity that enhances quality instruction.

While most positions as a professional economist require graduate training, for someone with a bachelor's degree employment opportunities are available in national and international business; federal, state and local government; and various nonprofit organizations.

Successful economics students will attain the following competencies:

- ability to examine, analyze, and interpret data;
- sound decision-making abilities;
- proficiency in oral and written communications;
- knowledge of economic theory, history, practices, and trends;
- knowledge of statistical procedures;
- ability to follow and interpret economic and political trends.

General Degree Requirements

To earn a degree, students must satisfy all requirements in each of the four areas below, in addition to their individual major requirements.

- [Degree and Certificate Requirements](#)
- [General Studies Requirements](#)

- [Ethnic Studies & Social Justice Graduation Requirement](#)
- [Senior Experience Graduation Requirements](#)

Program Requirements

- A total of 120 semester hours are required for graduation.
- A 2.0 GPA average is required in this program to count toward the bachelor's degree. Students should note that programs differ in the minimum grade required.
- A minor is required for this program. The Minor must be a minimum of 18 credits.
- A student must complete at least twelve (12) upper-division semester hours in economics at MSU Denver.

General Studies: 33 credits

Students should consult the General Studies Requirements for a list of courses that fulfill the General Studies Requirements for degree completion.

- Written Communication (6 credits)
- Oral Communication (3 credits)
- Quantitative Literacy (3 credits)
  - **Recommended:** MTH 1110 - College Algebra for Calculus or MTH 1111 - College Algebra for Calculus with Laboratory or MTH 1210 - Introduction to Statistics or MTH 1310 - Finite Mathematics for the Management and Social Sciences or MTH 1311 - Finite Mathematics for the Management and Social Sciences with Laboratory or MTH 1400 - Precalculus Mathematics (these course options are also in the additional requirement section).
- Arts and Humanities (6 credits)
- Historical (3 credits)
- Natural and Physical Sciences (6 credits)
- Social and Behavioral Sciences (6 credits)
  - **Recommended:** ECO 2010 - Principles of Macroeconomics and ECO 2020 - Principles of Microeconomics (courses required in major)
- Global Diversity (0 or 3 credits**)
  - **Recommended:** ECO 3800 - Development Economics

Ethnic Studies & Social Justice Requirement: 0 or 3 credits

Students should consult the Ethnic Studies & Social Justice Graduation Requirement for a list of courses that fulfill the ESSJ Requirement for degree completion.

Recommended: ECO 3600 - Economics of Race and Gender

Additional Requirements: 8 credits

- MTH 1110 - College Algebra for Calculus **Credits:** 4

  - or
- MTH 1111 - College Algebra for Calculus with Laboratory **Credits:** 4

  - or
- MTH 1310 - Finite Mathematics for the Management and Social Sciences **Credits:** 4

- o or
- MTH 1311 - Finite Mathematics for the Management and Social Sciences with Laboratory **Credits:** 4

    - o or
- MTH 1400 - Precalculus Mathematics **Credits:** 4

    - o (Any of these courses serves as a pre-requisite for ECO 3010)

    - o and
- MTH 1210 - Introduction to Statistics **Credits:** 4

    (This course is a pre-requisite for ECO 3150 or ECO 3160)

Required Courses: 15 credits

- ECO 2010 - Principles of Macroeconomics **Credits:** 3
- ECO 2020 - Principles of Microeconomics **Credits:** 3
- ECO 3010 - Intermediate Microeconomics **Credits:** 3
- ECO 3020 - Intermediate Macroeconomic Theory **Credits:** 3

- ECO 3150 - Econometrics **Credits:** 3

    - o or
- ECO 3160 - Business and Economic Forecasting **Credits:** 3

Economics Electives: 18 credits

A minimum of 18 upper-division semester hours in economic courses selected from the list below (or upper-division omnibus courses).

If you take both ECO 3150 and ECO 3160 one will fulfill 3 credits of Required Courses and one will fulfill 3 credits for upper-division electives

- ECO 3100 - Money and Banking **Credits:** 3
- ECO 3150 - Econometrics **Credits:** 3
- ECO 3160 - Business and Economic Forecasting **Credits:** 3
- ECO 3200 - Economic History of the U S **Credits:** 3
- ECO 3250 - Labor Economics **Credits:** 3
- ECO 3397 Culture and Economy **Credits:** 3
- ECO 3450 - Environmental Economics **Credits:** 3
- ECO 3500 - Managerial Economics **Credits:** 3
- ECO 3550 - Global Economics and International Trade **Credits:** 3
- ECO 3600 - Economics of Race and Gender **Credits:** 3
- ECO 3700 - Political Economy of the Middle East and North Africa **Credits:** 3
- ECO 3790 The Political Economy of Immigration **Credits:** 3
- ECO 3800 - Development Economics **Credits:** 3
- ECO 3850 - Geopolitics and Economics of World Oil Markets **Credits:** 3
- ECO 3980 - Internship in Economics **Credits:** 1-15
- ECO 4100 - Sports Economics **Credits:** 3
- ECO 4200 - Game Theory **Credits:** 3

- ECO 4300 - Public Finance **Credits:** 3
- ECO 4400 - Industrial Organization and Public Policy **Credits:** 3
- ECO 4450 - International Macroeconomics **Credits:** 3
- ECO 4600 - History of Economic Thought **Credits:** 3
- ECO 4650 - Advanced Macroeconomics **Credits:** 3
- ECO 4700 - Law and Economics **Credits:** 3
- ECO 4750 - The Economic Approach to Politics **Credits:** 3

Senior Experience: 3 credits

- ECO 4800 - Economic Policy Analysis **Credits:** 3

Economics with Secondary Social Studies Licensure:

Students interested in this concentration should visit the Economics Major, B.A. with Secondary Social Studies Teacher Licensure Concentration page in the catalog.

Summary of Requirements

General Studies Requirement	33 credits
ESSJ Requirement	0-3 credits
Additional Requirements	8 credits
Major Requirements	15 credits
Major Electives	18 credits
Senior Experience	3 credits
Minor and Unrestricted Electives	40-52 credits
Total for the Economics Major, B.A.	**120 credits**

Required courses for the major may also count for General Studies and ESSJ requirements, so the total credits listed may be greater than the number required to complete the degree. Therefore, it is important that you work with your advisor to make sure you are meeting requirements for your degree.

Program Modification

Finance Major, B.S.

Department of Finance

College of Business

Available Program Format(s): In-Person

About the Program

The Finance Degree is a Bachelor of Science Program within the College of Business. Students will complete all Finance Core classes and choose a required concentration in either General Finance or Financial Services. Students may add an optional International Business Concentration to their degree.

Student Outcomes

Students will receive a broad education in finance, the financial industry, and related regulatory institutions. Our curriculum is driven with purpose to make you a well-rounded, objective, and analytical financial authority with the managerial skills that can help you achieve a long and lucrative career.

1. Demonstrate proficiency in core knowledge required of finance students.
2. Demonstrate ability to organize, analyze and draw appropriate conclusions from financial information.
3. Apply foundation knowledge and skills necessary to identify problems and generate feasible alternatives.
4. Demonstrate ability to apply financial information to recommend and justify solutions to financial problems.

The College of Business B.S. programs, including Finance, share a common set of four cross-disciplinary core competencies, knowledge, and skills.

Competency 1: Communication - Business students will be able to:

1.1 - Communicate effectively through writing.

1.2 - Communicate effectively through speaking.

Competency 2: Business Solutions - Business students will be able to analyze a business situation and recommend effective solutions utilizing:

2.1 - appropriate technological frameworks.

2.2 - appropriate ethical frameworks.

2.3 - appropriate global frameworks.

Competency 3: Technological Agility - Business students will be able to:

3.1 - understand the impact of current technology on the business environment.

Competency 4: Core Knowledge - Business students will demonstrate competence in required business topics, including accounting, computer information systems, data analytics, economics, ethics, finance, marketing, management, and business law.

General Degree Requirements

To earn a degree, students must satisfy all requirements in each of the four areas below, in addition to their individual major requirements.

- Degree and Certificate Requirements
- General Studies Requirements
- Ethnic Studies & Social Justice Graduation Requirement
- Senior Experience Graduation Requirements

Program Requirements

- A total of 120 semester hours are required for graduation.
- To earn a Bachelor of Science degree in Finance, a student must successfully complete 30 or more credit hours of business coursework at MSU Denver. This 30-hour residency requirement can be met by completing any business courses with the prefix ACC, ACCM, BNK, BUS, CIS, ECO, FIN, MGT, MKT, and REL. A student must complete at least twelve (12) upper-division semester hours in Finance at MSU Denver.
- In order to graduate, students must maintain a 2.0 average inside the **Business Core.**
- **In order to graduate, students must earn a "C" or better in Finance Major required courses and elective courses.**
- In order to graduate, a grade of "C-" or better is required in MGT 4950.
- A grade of C or better is required for each majors course to count toward the bachelor's degree. Students should note that programs differ in the minimum grade required.
- A minor is not required for this program.

General Studies Requirements: 33 credits

Students should consult the General Studies Requirements for a list of courses that fulfill the General Studies Requirements for degree completion. The Department recommends students complete an Arts and Humanities, Historical, or Natural and Physical Science elective that also meets the Global Diversity or ESSJ requirements.

- Written Communication (6 credits)
- Oral Communication (3 credits)
  - **Recommended:** Students may fulfill this requirement by taking a course listed in the additional College of Business Requirements COMM 1010 - Presentational Speaking or COMM 1100 - Fundamentals of Oral Communication.
- Quantitative Literacy (3 credits)
  - **Recommended:** Students may fulfill this requirement by taking MTH 1310 - Finite Mathematics for the Management and Social Sciences; or MTH 1311 - Finite Mathematics for the Management and Social Sciences with Laboratory with MTH 1312 - Finite Mathematics Laboratory. MTH 1310 - Finite Mathematics for the Management and Social Sciences and MTH 1311/MTH 1312 are prerequisites to MTH 1320 - Calculus for the Management and Social Sciences, which is an additional requirement for College of Business students completing any Bachelor of Science major. Students may also take MTH 1110 - College Algebra for Calculus; MTH 1108 - College Algebra Stretch, Part I/ MTH 1109 - College Algebra Stretch, Part II; or MTH 1111 - College Algebra for Calculus with Laboratory with MTH 1101 - College Algebra Laboratory.
- Arts and Humanities (6 credits)
- Historical (3 credits)
- Natural and Physical Sciences (6 credits)
- Social and Behavioral Sciences (6 credits)
  - **Recommended:** Students may fulfill this requirement by taking courses listed in the College of Business Requirements such as ECO 2010 - Principles of Macroeconomics (required in the Business Core) and
  - **Recommended:** ECO 2020 - Principles of Microeconomics (required in the Business Core)
- Global Diversity (0 or 3 credits**)

*** Students will fulfill the global diversity requirement by taking an approved course within one of the following categories: Arts and Humanities; Historical; Natural and Physical Sciences; or Social and Behavioral Sciences.*

Ethnic Studies & Social Justice Requirement: 0 or 3 credits

- Students should consult the Ethnic Studies & Social Justice Graduation Requirement for a list of courses that fulfill the ESSJ Requirement for degree completion.
- ~~The College of Business offers two ESSJ courses: MKT 3750 - Multicultural Marketing, and MGT 4830 - Workforce Diversity.~~
- Many programs include courses that meet this requirement. Students should consult with their advisor to determine what program courses may fulfill this requirement.

College of Business Additional Requirements: ~~15-16 credits~~ 6-7 credits

- ~~BUS 3040 - Global Corporate Social Responsibility and Sustainability **Credits:** 3~~
- COMM 1010 - Presentational Speaking **Credits:** 3

- or
- COMM 1100 - Fundamentals of Oral Communication **Credits:** 3
- ~~ECO 2010 - Principles of Macroeconomics **Credits:** 3~~
- ~~ECO 2020 - Principles of Microeconomics **Credits:** 3~~
- MTH 1320 - Calculus for the Management and Social Sciences **Credits:** 3 (pre-requisite: MTH 1320; can also accept MTH 1109, MTH 1110, MTH 1112, or MTH 1400; with a grade of C- or better).

- or
- MTH 1410 - Calculus I **Credits:** 4

- or
- MTH 2410 - Calculus II **Credits:** 4

Business Core: 36 credits

~~All business majors require foundation course work in all significant areas of business theory and practice. The following courses are required for all majors in finance. A grade of "C-" or better must be earned in each business core course to have that course count toward the Bachelor of Science degree in Finance. Students should note that programs differ in the minimum grade required.~~ All business majors require foundation course work in all significant areas of business theory and practice. The following courses are required for all students majoring in Finance. Students must maintain a 2.0 average inside the **Business Core.** A student cannot register for a business core course until all General Studies requirements in Written Communication, Oral Communication, and Quantitative Literacy are complete.

- BUS 1850 - Introduction to Business **Credits:** 3 *
- BUS 1950 - Business Communication **Credits:** 3
- BUS 3040 - Global Corporate Social Responsibility and Sustainability **Credits:** 3
- ACC 2010 - Principles of Accounting I **Credits:** 3
- ACC 2020 - Principles of Accounting II **Credits:** 3
- CIS 2010 - Foundations of Information Systems **Credits:** 3
- CIS 3300 - Business Analytics I (Descriptive and Predictive) **Credits:** 3
- CIS 3320 - Business Analytics II (Prescriptive) **Credits:** 3
- ECO 2010 - Principles of Macroeconomics **Credits:** 3
- ECO 2020 - Principles of Microeconomics **Credits:** 3
- FIN 3300 - Managerial Finance **Credits:** 3

- MGT 2210 - Legal Environment of Business I **Credits:** 3
- MGT 3000 - Organizational Management **Credits:** 3
- MGT 4950 - Strategic Management **Credits:** 3**
- MKT 3000 - Principles of Marketing **Credits:** 3

* Transfer students that transfer in 6 or more credits of business courses will not need to take BUS 1850 but may take any other College of Business 3-credit hour course that does not appear in their Major or Business Core requirements.
** "C-" or better must be earned in MGT 4950

Finance Major Required Courses: 12 credits

A grade of C- or better is required for each course in this program (i. e., major courses required, concentration courses, and elective courses) to count toward the bachelor's degree.

Finance students will complete four Finance Core classes and a required concentration in either Financial Services or General Finance. The concentration includes two Upper Division (3000- or 4000-level) Finance electives, one 4000-level Finance elective, and a Finance Concentration capstone (FIN 4950, Financial Strategies and Policies, for General Finance and FIN 4600, Securities Analysis and Portfolio Management, for Financial Services).

- FIN 3010 - Financial Markets and Institutions **Credits:** 3
- FIN 3150 - Personal Financial Planning **Credits:** 3
- FIN 3600 - Investments **Credits:** 3
- FIN 3850 - Intermediate Finance **Credits:** 3

Concentration Options (select one): 12 credits

Financial Services Concentration: 12 credits

In consultation with the Finance Department, students will complete three upper division Finance electives and FIN 4600, Securities Analysis and Portfolio Management, or FIN 4750, Seminar in Personal Financial Planning, (when offered). At least one Finance elective must be a 4000-level course. Upper Division Finance internships approved for academic credit will come in as FIN 3980. Students interested in pursuing a financial services career should consider taking FIN 3420, Principles of Insurance; FIN 3450, Retirement Planning and Employee Benefits; and FIN 4400, Estate Planning.

Required Course: 3 credits

- FIN 4600 - Security Analysis and Portfolio Management **Credits:** 3

    o   or
- FIN 4750 - Seminar in Personal Financial Planning **Credits:** 3

Approved Electives: 9 credits

Finance electives include:

- FIN 3100 - International Money and Finance **Credits:** 3
- FIN 3320 - Entrepreneurial Finance **Credits:** 3
- FIN 3420 - Principles of Insurance **Credits:** 3
- FIN 3450 - Retirement Planning and Employee Benefits **Credits:** 3
- FIN 3800 - Real Estate Practice and Law **Credits:** 3

- FIN 3810 - Advanced Real Estate Practice and Law **Credits:** 3
- FIN 3980 - Internship in Finance **Credits:** 1-15
- FIN 4200 - Financial Modeling with Spreadsheets **Credits:** 3
- FIN 4400 - Estate Planning **Credits:** 3
- FIN 4500 - Analysis of Financial Statements **Credits:** 3
- FIN 4660 - Advanced Investment Management **Credits:** 3
- FIN 4700 - Special Topics in Finance **Credits:** 3
- FIN 4950 - Financial Strategies and Policies **Credits:** 3

General Finance Concentration: 12 credits

In consultation with the Finance Department, students will complete three upper division Finance electives and FIN 4950, Financial Strategies and Policies. At least one Finance elective must be a 4000-level course. Upper Division Finance internships approved for academic credit will come in as FIN 3980.

Required Course: 3 credits

- FIN 4950 - Financial Strategies and Policies **Credits:** 3

Approved Electives: 9 credits

- FIN 3100 - International Money and Finance **Credits:** 3
- FIN 3320 - Entrepreneurial Finance **Credits:** 3
- FIN 3420 - Principles of Insurance **Credits:** 3
- FIN 3450 - Retirement Planning and Employee Benefits **Credits:** 3
- FIN 3800 - Real Estate Practice and Law **Credits:** 3
- FIN 3810 - Advanced Real Estate Practice and Law **Credits:** 3
- FIN 3980 - Internship in Finance **Credits:** 1-15
- FIN 4200 - Financial Modeling with Spreadsheets **Credits:** 3
- FIN 4400 - Estate Planning **Credits:** 3
- FIN 4500 - Analysis of Financial Statements **Credits:** 3
- FIN 4600 - Security Analysis and Portfolio Management **Credits:** 3
- FIN 4660 - Advanced Investment Management **Credits:** 3
- FIN 4700 - Special Topics in Finance **Credits:** 3
- FIN 4750 - Seminar in Personal Financial Planning **Credits:** 3
- FIN 4950 - Financial Strategies and Policies **Credits:** 3

Senior Experience: 3 credits

- MGT 4950 - Strategic Management **Credits:** 3 (this course is also required in the Business Core)

Summary of Requirements

General Studies Requirements	33 credits
ESSJ Requirement	0-3 credits

College of Business Additional Requirements	6-7 credits
Business Core	~~36 credits~~ 45 credits
~~Additional Requirements~~	~~15-16 credits~~
Major Requirements	12 credits
Concentration Selection	12 credits
Senior Experience	(counted in business core)
Unrestricted Electives	~~8-24 credits~~ 8-21 credits
Total for Finance Major, B.S.	**120 credits**

Required courses for the major may also count for General Studies and ESSJ requirements, so the total credits listed may be greater than the number required to complete the degree. Therefore, it is important that you work with your advisor to make sure you are meeting requirements for your degree.

Program Modification

Graduate Certificate in Risk Assurance and Advisory

Risk Assurance and Advisory professionals add value to organizations by providing independent assurance and advisory services addressing governance, risk management, and controls across all aspects of a business. These professionals may work directly for a specific organization or in professional services and consulting firms offering risk assurance and advisory services to a variety of clients. This certificate will enable graduate students to gain practical skills that are transferrable to a wide variety of governance, risk management and controls roles as well as prepare for other industry-relevant certifications. Since MSU Denver is recognized as an Internal Auditing Education Partner, the student will also earn a certificate endorsed by the Institute of Internal Auditors.

Students will take 9 credits of required courses, plus 3 credits of elective courses, for a total of 12 credits to earn their Graduate Certificate in Risk Assurance and Advisory.

Students must complete each course in the certificate program with a grade of "B" or better. The courses cannot be taken pass/fail. Some courses in the certificate have prerequisites which must be satisfied. All credit hours of the required courses for this certificate must be completed at MSU Denver.

Certificate Program Admission:

Students eligible to enroll in the Graduate Certificate in Risk Assurance and Advisory courses include:

- Students with a bachelor's degree (or higher) from a regionally accredited college or university with a 3.0 GPA (cumulative **or** last 60 hours);
- Students with a bachelor's degree and approved professional examination, licensure or relevant professional experience;
- Students currently admitted to a graduate business program at another regionally accredited college or university;
- Students with a bachelor's degree (or higher) from a regionally accredited college or university with an admissions GMAT index score >1,000; and/or
- Students with approved significant relevant professional experience.

Required Courses

Students will take three required courses totaling 9 credits. These courses incorporate skills and knowledge necessary to be an effective Risk Assurance and Advisory professional including governance, enterprise risk management, internal controls, internal audit standards and ethics, business processes, fraud risks and investigations, and data analysis.

- ACCM 5600 - Fraud Examination Awareness Seminar **Credits:** 3
- ACCM 5800 - Governance and Risk Assurance Theory **Credits:** 3
  And choose **one** of the following:
- ACCM~~MBA~~ 5230 - Data Mining for Business Intelligence **Credits:** 3
- ACCM 5820 - Data Analysis for Fraud and Litigation **Credits:** 3

Elective Course Options

In addition to the three required courses, an additional 3 credits must be taken from the electives listed here. There are electives covering a wide range of courses that help students tailor their certificate based on interests and career goals in the Risk Assurance and Advisory profession.

- ACCM 5205 - Information Systems Strategy Planning **Credits:** 3
- ACCM 5400 - Strategic Cost Management **Credits:** 3
- ACCM 5650 - Legal Elements of Fraud **Credits:** 3
- ACCM 5901 - Risk Assurance and Advisory Engagements **Credits:** 3
- ~~MBA 5205 - Information Systems Strategy Planning~~ **Credits:** 3
- MBA 5480 - Strategic Finance **Credits:** 3
- MBA 5510 - Operations and Supply Chain Management **Credits:** 3

Total: 12 credits

Program Modification

Human Resource Management Major, B.S.

Department of Management

College of Business

Available Program Format(s): In-Person

About the Program
People are a company's most important asset. Human Resource personnel play an important role in the recruitment, selection, retention, and training of employees to ensure a company has the best people. The program consists of required courses that build a conceptual foundation for developing a comprehensive human resource department in a company that will aid the company in developing a competitive advantage in the industry. In addition to acquiring knowledge about business functional areas and management, students will develop skills/knowledge that are necessary to be an effective human resource manager. The Human Resource Management degree helps prepare students wishing to pursue a career in the field of human resource management.

Student Outcomes
~~Goal 1 - Communication:~~
~~Business students will be able to communicate effectively.~~

Objective 1.1 - Prepare effective written communication

Objective 1.2 - Deliver effective oral presentations

Goal 2 - Decision Making:

Business students will be able to analyze business decisions and propose recommendations drawn from appropriate frameworks.

Objective 2.1 - Evaluate the situation using appropriate methods and tools

Objective 2.2 - Recommend and evaluate potential solutions using appropriate methods and tools

Goal 3 - Business Environment:

Business students will be knowledgeable of ethical and global frameworks and how they relate to business decisions.

Objective 3.1 - Analyze global business factors and their impact on business solutions.

Objective 3.2 - Analyze ethical considerations and their impact on business solutions.

Goal 4 - Technological Agility:

Business students will demonstrate the ability to readily adapt to and apply new technologies to inform business decisions.

Goal 5 - Core Knowledge:

Business students will demonstrate competence in required business topics, including accounting, computer information systems, finance, marketing, management, and business law.

Human Resource Management Students will demonstrate competence in the following areas:

a. Employment Law

b. Human Resource Management

c. Organizational Behavior

d. Performance Management and Rewards

e. Employee Training and Development

f. Employee Selection

g. Strategic Human Resource Management

The College of Business B.S. programs, including Human Resource Management, share a common set of four cross-disciplinary core competencies, knowledge, and skills.

Competency 1: Communication - Business students will be able to:

1.1 - Communicate effectively through writing.

1.2 - Communicate effectively through speaking.

Competency 2: Business Solutions - Business students will be able to analyze a business situation and recommend effective solutions utilizing:

2.1 - appropriate technological frameworks.

2.2 - appropriate ethical frameworks.

2.3 - appropriate global frameworks.

Competency 3: Technological Agility - Business students will be able to:

3.1 - understand the impact of current technology on the business environment.

Competency 4: Core Knowledge - Business students will demonstrate competence in required business topics, including accounting, computer information systems, data analytics, economics, ethics, finance, marketing, management, and business law.

General Degree Requirements

To earn a degree, students must satisfy all requirements in each of the four areas below, in addition to their individual major requirements.

- Degree and Certificate Requirements
- General Studies Requirements
- Ethnic Studies & Social Justice Graduation Requirement
- Senior Experience Graduation Requirements

Program Requirements

- A total of 120 semester hours are required for graduation.
- To earn a Bachelor of Science degree in Human Resource Management, a student must successfully complete 30 or more credit hours of business coursework at MSU Denver. This 30-hour residency requirement can be met by completing any business courses with the prefix ACC, ACCM, BNK, BUS, CIS, ECO, FIN, MGT, MKT, and REL and a course number of 2000 or higher.
- A In order to graduate, students must maintain a 2.0 average inside the **Business Core.**
- In order to graduate, a grade of "C-" or better is required for each major course to count toward the bachelor's degree.
- In order to graduate, a grade of "C-" or better is required in MGT 4950.
- ~~A grade of C- or better is required for each course in this program to count toward the bachelor's degree.~~ Students should note that programs differ in the minimum grade required.
- A minor not required for this program.

General Studies Requirements: 33 credits

Students should consult the General Studies Requirements for a list of courses that fulfill the General Studies Requirements for degree completion.

- Written Communication (6 credits)

- Oral Communication (3 credits)
  - **Recommended:** Students may fulfill this requirement with COMM 1010 - Presentational Speaking or COMM 1100 - Fundamentals of Oral Communication, one of which is required for the major.
- Quantitative Literacy (3 credits)
  - **Recommended:** Students may fulfill this requirement by taking MTH 1310 - Finite Mathematics for the Management and Social Sciences, as it is the pre-requisite for MTH 1320, which is a requirement for College of Business students completing any Bachelor of Science major.
- Arts and Humanities (6 credits)
- Historical (3 credits)
- Natural and Physical Sciences (6 credits)
- Social and Behavioral Sciences (6 credits)
  - **Recommended:** ~~Students may fulfill this requirement by taking~~ ECO 2010 - Principles of Macroeconomics ~~and~~ (required in the Business Core)
  - **Recommended:** ECO 2020 - Principles of Microeconomics, ~~both of which are required for the major.~~ (required in the Business Core)
- Global Diversity (0 or 3 credits**)

*** Students will fulfill the global diversity requirement by taking an approved course within one of the following categories: arts and humanities; historical; natural and physical sciences; or social and behavioral sciences.*

Ethnic Studies & Social Justice Requirement: 0 or 3 credits

- Students should consult the Ethnic Studies & Social Justice Graduation Requirement for a list of courses that fulfill the ESSJ Requirement for degree completion.
- Many programs include courses that meet this requirement. Students should consult with their advisor to determine what program courses may fulfill this requirement.

College of Business Additional Requirements: ~~15 credits~~ 6-7 credits

- ~~BUS 3040 - Global Corporate Social Responsibility and Sustainability **Credits:** 3~~
- COMM 1010 - Presentational Speaking **Credits:** 3

  - or
- COMM 1100 - Fundamentals of Oral Communication **Credits:** 3

- ~~ECO 2010 - Principles of Macroeconomics **Credits:** 3~~
- ~~ECO 2020 - Principles of Microeconomics **Credits:** 3~~
- MTH 1320 - Calculus for the Management and Social Sciences **Credits:** 3 (pre-requisite: MTH 1310; can also accept MTH 1109, MTH 1110, MTH 1112, or MTH 1400; with a grade of C- or better)

Business Core: ~~36 credits~~ 45 credits

~~Transfer students that transfer in 6 or more credits of business courses will not need to take BUS 1850 but may take any other College of Business 3-credit hour course that does not appear in their Major or Business Core requirements.~~ All business majors require foundation course work in all significant areas of business theory and practice. The following courses are required for all students majoring in Human Resource Management. Students must maintain a 2.0 average inside the **Business Core.** A student cannot register for a business core course until all General Studies requirements in Written Communication, Oral Communication, and Quantitative Literacy are complete.

- BUS 1850 - Introduction to Business **Credits:** 3*
- BUS 1950 - Business Communication **Credits:** 3
- BUS 3040 - Global Corporate Social Responsibility and Sustainability **Credits:** 3
- ACC 2010 - Principles of Accounting I **Credits:** 3
- ACC 2020 - Principles of Accounting II **Credits:** 3
- CIS 2010 - Foundations of Information Systems **Credits:** 3
- CIS 3300 - Business Analytics I (Descriptive and Predictive) **Credits:** 3
- CIS 3320 - Business Analytics II (Prescriptive) **Credits:** 3
- ECO 2010 - Principles of Macroeconomics **Credits:** 3
- ECO 2020 - Principles of Microeconomics **Credits:** 3
- FIN 3300 - Managerial Finance **Credits:** 3
- MGT 2210 - Legal Environment of Business I **Credits:** 3
- MGT 3000 - Organizational Management **Credits:** 3
- MGT 4950 - Strategic Management **Credits:** 3**
- MKT 3000 - Principles of Marketing **Credits:** 3

Transfer students that transfer in 6 or more credits of business courses will not need to take BUS 1850 but may take any other College of Business 3-credit hour course that does not appear in their Major or Business Core requirements.

*** "C-" or better must be earned in MGT 4950.*

Major Requirements: 21 credits

In order to graduate, a grade of "C-" or better is required for each major required course to count toward the bachelor's degree.

- MGT 3240 - Employment and Human Resource Law **Credits:** 3
- MGT 3530 - Human Resources Management **Credits:** 3
- MGT 4530 - Organizational Behavior **Credits:** 3
- MGT 4620 - Performance Management and Reward Systems **Credits:** 3
- MGT 4640 - Employee Training and Development **Credits:** 3
- MGT 4660 - Employee Selection **Credits:** 3
- MGT 4680 - Strategic Human Resource Management **Credits:** 3

Major Electives: 6 credits

Select two of following electives for 6 credit hours:

- MGT 3260 - Managing Business Risk **Credits:** 3
- MGT 3550 - Operations Management **Credits:** 3
- MGT 3980 - Internship in Management **Credits:** 1-15
- MGT 4550 - Project Management **Credits:** 3
- MGT 4610 - Labor/Employee Relations **Credits:** 3
- MGT 4830 - Workforce Diversity **Credits:** 3
- MGT 4850 - Organizational and Management Consulting **Credits:** 3

Senior Experience: 3 credits

- MGT 4950 - Strategic Management **Credits:** 3 (this course is also required in the Business Core)

Summary of Requirements

General Studies Requirements	33 credits
ESSJ Requirement	0-3 credits
College of Business Additional Requirements	~~15 credits~~ 6-7 credits
Business Core	~~36 credits~~ 45 credits
Major Requirements	21 credits
Major Electives	6 credits
Senior Experience	(counted in business core)
Unrestricted Electives	~~9-21 credits~~ 5-18 credits
Total for the Human Resource Management Major, B.S.	**120 credits**

Required courses for the major may also count for General Studies and ESSJ requirements, so the total credits listed may be greater than the number required to complete the degree. Therefore, it is important that you work with your advisor to make sure you are meeting requirements for your degree.

Program Modification

International Business Major, B.S.

Department of Management

College of Business

Available Program Format(s): In-Person

About the Program
The International Business Major offers courses to learn concepts and analytical tools that are required for international business operations. The Bachelor of Science in International Business prepares students with an understanding of global business and knowledge in a functional area of business. Upon graduation, students will be prepared to apply for job positions in companies that are engaged in international trade.

Student Outcomes
~~Students will be able to understand contexts and issues in international business operations and be ready to apply those understandings to the organizations that they work at now or in the future.~~

International Business majors will demonstrate knowledge and competence in the areas of:

1. Global/International Economics
2. International Finance
3. Global Management
4. International Marketing

The College of Business B.S. programs, including International Business, share a common set of four cross-disciplinary core competencies, knowledge, and skills.

Competency 1: Communication - Business students will be able to:

1.1 - Communicate effectively through writing.

1.2 - Communicate effectively through speaking.

Competency 2: Business Solutions - Business students will be able to analyze a business situation and recommend effective solutions utilizing:

2.1 - appropriate technological frameworks.

2.2 - appropriate ethical frameworks.

2.3 - appropriate global frameworks.

Competency 3: Technological Agility - Business students will be able to:

3.1 - understand the impact of current technology on the business environment.

Competency 4: Core Knowledge - Business students will demonstrate competence in required business topics, including accounting, computer information systems, data analytics, economics, ethics, finance, marketing, management, and business law.

General Degree Requirements

To earn a degree, students must satisfy all requirements in each of the four areas below, in addition to their individual major requirements.

- Degree and Certificate Requirements
- General Studies Requirements
- Ethnic Studies & Social Justice Graduation Requirement
- Senior Experience Graduation Requirements

Program Requirements

- A total of 120 semester hours are required for graduation.
- To earn a Bachelor of Science degree in International Business, a student must successfully complete 30 or more credit hours of business coursework at MSU Denver. This 30-hour residency requirement can be met by completing any business courses with the prefix ACC, ACCM, BNK, BUS, CIS, ECO, FIN, MGT, MKT and REL and a course number of 2000 or higher. A student must complete at least twelve (12) upper-division business semester hours in International Business at MSU Denver.
- ~~MSU Denver requires that students successfully complete forty (40) or more credit hours of upper-division coursework.~~
- In order to graduate, students must maintain a 2.0 average inside the **Business Core**.

- In order to graduate, a grade of "C-" or better is required for each major course to count toward the bachelor's degree.
- In order to graduate, a grade of "C-" or better is required in MGT 4950.
- ~~A grade of C- or better is required for each course in this program to count toward the bachelor's degree.~~ Students should note that programs differ in the minimum grade required.
- A minor is not required for this program.

General Studies Requirements

Students should consult the General Studies Requirements for a list of courses that fulfill the General Studies Requirements for degree completion.

- Written Communication (6 credits)
- Oral Communication (3 credits)
  - **Recommended:** Students may fulfill this requirement by taking a course listed in the College of Business Requirements such as COMM 1010 - Presentational Speaking or COMM 1100 - Fundamentals of Oral Communication
- Quantitative Literacy (3 credits)
  - **Recommended:** Students may fulfill this requirement by taking MTH 1310 - Finite Mathematics for the Management and Social Sciences, as it is the pre-requisite for MTH 1320, which is an "Additional Requirement" for College of Business students completing any Bachelor of Science major.
- Arts and Humanities (6 credits)
- Historical (3 credits)
- Natural and Physical Sciences (6 credits)
- Social and Behavioral Sciences (6 credits)
  - **Recommended:** ~~Students may fulfill this requirement by taking courses listed in the College of Business Requirements such as~~ ECO 2010 - Principles of Macroeconomics ~~and~~ (required in the Business Core)
  - **Recommended:** ECO 2020 - Principles of Microeconomics (required in the Business Core)
- Global Diversity (0 or 3 credits**)

** *Students will fulfill the global diversity requirement by taking an approved course within one of the following categories: arts and humanities; historical; natural and physical sciences; or social and behavioral sciences.*

Ethnic Studies & Social Justice Requirement: 0 or 3 credits

- Students should consult the Ethnic Studies & Social Justice Graduation Requirement for a list of courses that fulfill the ESSJ Requirement for degree completion.
- Many programs include courses that meet this requirement. Students should consult with their advisor to determine what program courses may fulfill this requirement.

College of Business Additional Requirements: ~~15 credits~~ 6-7 credits

- ~~BUS 3040 - Global Corporate Social Responsibility and Sustainability **Credits:** 3~~
- COMM 1010 - Presentational Speaking **Credits:** 3

- or
- COMM 1100 - Fundamentals of Oral Communication **Credits:** 3
- ~~ECO 2010 - Principles of Macroeconomics **Credits:** 3~~

- ~~ECO 2020 - Principles of Microeconomics **Credits:** 3~~
- MTH 1320 - Calculus for the Management and Social Sciences **Credits:** 3 (pre-requisite: MTH 1310; can also accept MTH 1109, MTH 1110, MTH 1112, or MTH 1400; with a grade of C- or better)

Business Core: ~~36 credits~~ 45 credits

~~All business majors require foundation course work in all significant areas of business theory and practice. A grade of "C-" or better must be earned in each business core course to have that course count toward the Bachelor of Science degree in International Business. A student cannot register for a business core course until all General Studies requirements in Written Communication, Oral Communication, and Quantitative Literacy are complete.~~ All business majors require foundation course work in all significant areas of business theory and practice. The following courses are required for all students majoring in International Business. Students must maintain a 2.0 average inside the **Business Core.** A student cannot register for a business core course until all General Studies requirements in Written Communication, Oral Communication, and Quantitative Literacy are complete.

- ACC 2010 - Principles of Accounting I **Credits:** 3
- ACC 2020 - Principles of Accounting II **Credits:** 3
- BUS 1850 - Introduction to Business **Credits:** 3*
- BUS 1950 - Business Communication **Credits:** 3
- BUS 3040 - Global Corporate Social Responsibility and Sustainability **Credits:** 3
- CIS 2010 - Foundations of Information Systems **Credits:** 3
- CIS 3300 - Business Analytics I (Descriptive and Predictive) **Credits:** 3
- CIS 3320 - Business Analytics II (Prescriptive) **Credits:** 3
- ECO 2010 - Principles of Macroeconomics **Credits:** 3
- ECO 2020 - Principles of Microeconomics **Credits:** 3
- FIN 3300 - Managerial Finance **Credits:** 3
- MGT 2210 - Legal Environment of Business I **Credits:** 3
- MGT 3000 - Organizational Management **Credits:** 3
- MGT 4950 - Strategic Management **Credits:** 3**
- MKT 3000 - Principles of Marketing **Credits:** 3

Transfer students that transfer in 6 or more credits of business courses will not need to take BUS 1850 but may take any other College of Business 3-credit hour course that does not appear in their Major or Business Core requirements.

** "C-" or better must be earned in MGT 4950.*

International Business Required Courses: 15 credits

A grade of C- or better is required for each course in this program (i. e., major courses required, additional requirements, and business focus area requirement) to count toward the bachelor's degree.

- ECO 3550 - Global Economics and International Trade **Credits:** 3
- FIN 3100 - International Money and Finance **Credits:** 3
- MGT 3820 - International Business **Credits:** 3
- MGT 4700 - Global Management **Credits:** 3
- MKT 3710 - International Marketing **Credits:** 3

Additional Requirements: 3-5 credits

Maximum of 3 credits of an international-related Internship may apply to the degree and internships require pre-approval. Select one of the following:

- ACC 3980 - Internship in Accounting **Credits:** 1-15

    - or
- CIS 3980 - Internship in Computer Information Systems **Credits:** 1-15

    - or
- FIN 3980 - Internship in Finance **Credits:** 1-15

    - or
- MGT 3980 - Internship in Management **Credits:** 1-15

    - or
- MKT 3980 - Internship in Marketing **Credits:** 1-15

    - or
- Approved business study abroad course **Credits:** 3

    - or
- Foreign language course **Credits:** 3-5

Business Focus Area Requirements: 12 credits

International Business majors are required to take a minimum of 12 credit hours of upper-division coursework within one of the eight business disciplines. Four upper-division courses should be selected from one of the following prefixes: ACC, BNK, CIS, ECO, FIN, MGT, MKT or REL.

Senior Experience: 3 credits

- MGT 4950 - Strategic Management **Credits:** 3 (this course is also required in the Business Core)

Summary of Requirements

General Studies Requirement	33 credits
ESSJ Requirement	0-3 credits
College of Business Additional Requirements	6-7 credits
Business Core	~~36 credits~~ 45 credits
~~College of Business Requirements~~	~~15 credits~~
Major Required Courses	15 credits
Additional Requirement	3-5 credits
Business Focus Area	12 credits
Senior Experience	(counted in business core)

Unrestricted Electives	~~1-18 credits~~ 0-15 credits
Total for the International Business Major, B.S.	**120 credits**

Required courses for the major may also count for General Studies and ESSJ requirements, so the total credits listed may be greater than the number required to complete the degree. Therefore, it is important that you work with your advisor to make sure you are meeting requirements for your degree.

Program Modification

Management Major, B.S.

Department of Management

College of Business

Available Program Format(s): Online, In-Person, Hybrid

About the Program
The Management Major offers the choice of a general degree in Management or the option of four concentrations (i.e., Entrepreneurship, Human Resource Management, Legal Environment of Business, or Operations & Supply Chain Management) in which studies in management may be focused on a particular area of practice.

Student Outcomes
~~Students will be able to understand concepts and analytical tools required for managing organizations in different contexts and be ready to apply them to the organizations that they work now or future.~~

Students who earn the B.S. in Management will demonstrate comprehension and competence in the areas of:

1. Employment Law
2. Entrepreneurship
3. Human Resources and Organizational Behavior
4. Operations Management
5. International Business

The College of Business B.S. programs, including Management, share a common set of four cross-disciplinary core competencies, knowledge, and skills.

Competency 1: Communication - Business students will be able to:

1.1 - Communicate effectively through writing.

1.2 - Communicate effectively through speaking.

Competency 2: Business Solutions - Business students will be able to analyze a business situation and recommend effective solutions utilizing:

2.1 - appropriate technological frameworks.

2.2 - appropriate ethical frameworks.

2.3 - appropriate global frameworks.

Competency 3: Technological Agility - Business students will be able to:

3.1 - understand the impact of current technology on the business environment.

Competency 4: Core Knowledge - Business students will demonstrate competence in required business topics, including accounting, computer information systems, data analytics, economics, ethics, finance, marketing, management, and business law.

General Degree Requirements

To earn a degree, students must satisfy all requirements in each of the four areas below, in addition to their individual major requirements.

- Degree and Certificate Requirements
- General Studies Requirements
- Ethnic Studies & Social Justice Graduation Requirement
- Senior Experience Graduation Requirements

Program Requirements

- A total of 120 semester hours are required for graduation.
- To earn a Bachelor of Science degree in Management, a student must successfully complete 30 or more credit hours of business coursework at MSU Denver. This 30-hour residency requirement can be met by completing any business courses with the prefix ACC, ACCM, BNK, BUS, CIS, ECO, FIN, MGT, MKT, and REL and a course number of 2000 or higher. A student must complete at least ~~twelve (12)~~ 12 upper-division semester hours in Management at MSU Denver.
- In order to graduate, students must maintain a 2.0 average inside the **Business Core.**
- In order to graduate, a grade of "C-" or better is required for each major course (i.e., major required course or major required course with concentration courses) to count toward the bachelor's degree.
- In order to graduate, a grade of "C-" or better is required in MGT 4950.
- ~~MSU Denver requires that students successfully complete forty (40) or more credit hours of upper division coursework.~~
- ~~A grade of C- or better is required for each course in this program to count toward the bachelor's degree. Students should note that programs differ in the minimum grade required.~~
- A minor is not required for this program.
- ~~Students may take more than two management elective courses. Additional management courses will be counted as unrestricted general electives.~~
- ~~Students may want to consider adding the International Business Concentration to their degree program.~~

General Studies Requirements: 33 credits

Students should consult the General Studies Requirements for a list of courses that fulfill the General Studies Requirements for degree completion.

- Written Communication (6 credits)
- Oral Communication (3 credits)

- - o **Recommended:** Students may fulfill this requirement by taking a course listed in the College of Business Requirements such as COMM 1010 - Presentational Speaking or COMM 1100 - Fundamentals of Oral Communication
  - Quantitative Literacy (3 credits)
    - o **Recommended:** Students may fulfill this requirement by taking MTH 1310 - Finite Mathematics for the Management and Social Sciences, as it is the pre-requisite for MTH 1320, which is an "Additional Requirement" for College of Business students completing any Bachelor of Science major.
  - Arts and Humanities (6 credits)
  - Historical (3 credits)
  - Natural and Physical Sciences (6 credits)
  - Social and Behavioral Sciences (6 credits)
    - o **Recommended:** ~~Students may fulfill this requirement by taking courses listed in the College of Business Requirements such as~~ ECO 2010 - Principles of Macroeconomics (required in the Business Core) ~~and~~
    - o **Recommended:** ECO 2020 - Principles of Microeconomics (required in the Business Core)
  - Global Diversity (0 or 3 credits**)

** Students will fulfill the global diversity requirement by taking an approved course within one of the following categories: arts and humanities; historical; natural and physical sciences; or social and behavioral sciences.

Ethnic Studies & Social Justice Requirement: 0 or 3 credits

- Students should consult the Ethnic Studies & Social Justice Graduation Requirement for a list of courses that fulfill the ESSJ Requirement for degree completion.
- Many programs include courses that meet this requirement. Students should consult with their advisor to determine what program courses may fulfill this requirement.

  ~~**Recommended:** Students may fulfill this requirement by taking MGT 4830 - Workforce Diversity which is approved as an ESSJ and Senior Experience course.~~

College of Business Additional Requirements: ~~15 credits~~ 6-7 credits

- ~~BUS 3040 - Global Corporate Social Responsibility and Sustainability **Credits:** 3~~
- COMM 1010 - Presentational Speaking **Credits:** 3

    - o or
- COMM 1100 - Fundamentals of Oral Communication **Credits:** 3
- ~~ECO 2010 - Principles of Macroeconomics **Credits:** 3~~
- ~~ECO 2020 - Principles of Microeconomics **Credits:** 3~~
- MTH 1320 - Calculus for the Management and Social Sciences **Credits:** 3 (pre-requisite: MTH 1310; can also accept MTH 1109, MTH 1110, MTH 1112, or MTH 1400; with a grade of C- or better)

Business Core: ~~36 credits~~ 45 credits

~~All business majors require foundation course work in all significant areas of business theory and practice. The following courses are required for all majors in management. A grade of "C-" or better must be earned in each business core course to have that course count toward the Bachelor of Science degree in Management. Students should note that programs differ in the minimum grade required. A student cannot register for a business core course until all General Studies requirements in Written Communication, Oral Communication, and Quantitative Literacy are complete.~~ All business majors require foundation course work in all significant areas of business theory and practice. The following courses are

required for all students majoring in Management. Students must maintain a 2.0 average inside the **Business Core.** A student cannot register for a business core course until all General Studies requirements in Written Communication, Oral Communication, and Quantitative Literacy are complete.

- BUS 1850 - Introduction to Business **Credits:** 3 *
- BUS 1950 - Business Communication **Credits:** 3
- BUS 3040 - Global Corporate Social Responsibility and Sustainability **Credits:** 3
- ACC 2010 - Principles of Accounting I **Credits:** 3
- ACC 2020 - Principles of Accounting II **Credits:** 3
- CIS 2010 - Foundations of Information Systems **Credits:** 3
- CIS 3300 - Business Analytics I (Descriptive and Predictive) **Credits:** 3
- CIS 3320 - Business Analytics II (Prescriptive) **Credits:** 3
- ECO 2010 - Principles of Macroeconomics **Credits:** 3
- ECO 2020 - Principles of Microeconomics **Credits:** 3
- FIN 3300 - Managerial Finance **Credits:** 3
- MGT 2210 - Legal Environment of Business I **Credits:** 3
- MGT 3000 - Organizational Management **Credits:** 3
- MGT 4950 - Strategic Management **Credits:** 3**
- MKT 3000 - Principles of Marketing **Credits:** 3

* Transfer students that transfer in 6 or more credits of business courses will not need to take BUS 1850 but may take any other College of Business 3-credit hour course that does not appear in their Major or Business Core requirements.
** "C-" or better must be earned in MGT 4950.

Management Major Required Courses: 18 credits

A grade of C- or better is required for each course in this program (i. e., major courses required or in concentration) to count toward the bachelor's degree.

- MGT 3020 - Entrepreneurship Feasibility and Analysis **Credits:** 3
- MGT 3220 - Legal Environment of Business II **Credits:** 3
- MGT 3530 - Human Resources Management **Credits:** 3
- MGT 3550 - Operations Management **Credits:** 3
- MGT 3820 - International Business **Credits:** 3
- MGT 4530 - Organizational Behavior **Credits:** 3

Option 1: Management Degree: 6 credits

In addition to the six required courses (18 semester hours) for the Management Major, students seeking a general degree in management must select two courses from any MGT 3000- or 4000-level course, including, but not limited to:

- MGT 3230 - International Business Law **Credits:** 3
- MGT 3240 - Employment and Human Resource Law **Credits:** 3
- MGT 3250 - Colorado Water Law and Water Rights Administration **Credits:** 3
- MGT 3260 - Managing Business Risk **Credits:** 3
- MGT 3720 - The Conscious Business: Sustainable Business Strategies for the 21st Century **Credits:** 3
- MGT 3850 - Global Entrepreneurship **Credits:** 3
- MGT 3860 - Social Entrepreneurship **Credits:** 3

- MGT 3980 - Internship in Management **Credits:** 1-15
- MGT 4050 - Purchasing and Supply Chain Management **Credits:** 3
- MGT 4350 - Enterprise Planning **Credits:** 3
- MGT 4420 - Entrepreneurial Business Planning **Credits:** 3
- MGT 4550 - Project Management **Credits:** 3
- MGT 4610 - Labor/Employee Relations **Credits:** 3
- MGT 4620 - Performance Management and Reward Systems **Credits:** 3
- MGT 4640 - Employee Training and Development **Credits:** 3
- MGT 4660 - Employee Selection **Credits:** 3
- MGT 4830 - Workforce Diversity **Credits:** 3
- MGT 4850 - Organizational and Management Consulting **Credits:** 3
- MGT 4910 - Strategic Leadership **Credits:** 3

Option 2: Management Degree with Concentration

In addition to the six required courses (18 semester hours) for the Management Major, students seeking a more specialized degree in management may choose from the following concentrations:

Entrepreneurship Concentration: 15 credits

Required Entrepreneurship Concentration Courses: 9 credits

- MGT 3850 - Global Entrepreneurship **Credits:** 3
- MGT 4420 - Entrepreneurial Business Planning **Credits:** 3
- MGT 4850 - Organizational and Management Consulting **Credits:** 3

Entrepreneurship Concentration Electives: 6 credits

Select two courses from below:

- FIN 3320 - Entrepreneurial Finance **Credits:** 3
- MGT 3240 - Employment and Human Resource Law **Credits:** 3
- MGT 4050 - Purchasing and Supply Chain Management **Credits:** 3
- MGT 4430 - Operationalizing a Small Business **Credits:** 3
- MGT 4640 - Employee Training and Development **Credits:** 3
- MKT 3010 - Marketing Research **Credits:** 3
- MKT 3250 - Personal Selling **Credits:** 3
- MKT 3310 - Consumer Behavior **Credits:** 3
- MKT 4300 - Social Media Marketing **Credits:** 3

Human Resource Management Concentration: 15 credits

Required Human Resource Management Concentration Courses: 12 credits

- MGT 3240 - Employment and Human Resource Law **Credits:** 3
- MGT 4620 - Performance Management and Reward Systems **Credits:** 3
- MGT 4640 - Employee Training and Development **Credits:** 3
- MGT 4660 - Employee Selection **Credits:** 3

Human Resource Management Concentration Electives: 3 credits

Select one course from below:

- FIN 3450 - Retirement Planning and Employee Benefits **Credits:** 3
- MGT 3260 - Managing Business Risk **Credits:** 3
- MGT 4550 - Project Management **Credits:** 3
- MGT 4610 - Labor/Employee Relations **Credits:** 3
- MGT 4680 - Strategic Human Resource Management **Credits:** 3
- MGT 4830 - Workforce Diversity **Credits:** 3
- MGT 4850 - Organizational and Management Consulting **Credits:** 3

Legal Environment of Business: 15 credits

Required Legal Environment of Business Concentration Courses: 9 credits

- MGT 3230 - International Business Law **Credits:** 3
- MGT 3240 - Employment and Human Resource Law **Credits:** 3
- PSC 3120 - American Constitutional Law **Credits:** 3

Required Legal Environment of Business Concentration Electives: 6 credits

Select two courses from below:

- MGT 3250 - Colorado Water Law and Water Rights Administration **Credits:** 3
- MGT 3260 - Managing Business Risk **Credits:** 3
- JMP 3780 - Communication Law **Credits:** 3
- CJC 2050 - American Judicial System **Credits:** 3
- CJC 2100 - Criminal Law **Credits:** 3
- CJC 3110 - Constitutional Issues in Criminal Procedure and Evidence **Credits:** 3

Operations and Supply Chain Management Concentration: 15 credits

Required Operations and Supply Chain Management Concentration Courses: 9 credits

- MGT 4050 - Purchasing and Supply Chain Management **Credits:** 3
- MGT 4350 - Enterprise Planning **Credits:** 3
- MGT 4550 - Project Management **Credits:** 3

Operations and Supply Chain Management Concentration Electives: 6 credits

Select two courses from below:

- CIS 3490 - Managing Business Information with Enterprise Systems **Credits:** 3
- CIS 4410 - Management Information Systems **Credits:** 3
- MET 1010 - Manufacturing Processes **Credits:** 3
- MET 1310 - Principles of Quality Assurance **Credits:** 3
- MGT 3230 - International Business Law **Credits:** 3
- MKT 3410 - Marketing Channels **Credits:** 3
- MKT 3610 - Business-to-Business Marketing **Credits:** 3

- MKT 3910 - New Product Development **Credits:** 3
- COMM 3070 - Interpersonal Negotiation **Credits:** 3

Senior Experience: 3 credits

- MGT 4950 - Strategic Management **Credits:** 3 (this course is also required in the Business Core)

Summary of Requirements

General Studies Requirements	33 credits
ESSJ Requirement	0-3 credits
College of Business Additional Requirements	6-7 credits
Business Core	~~36 credits~~ 45 credits
~~College of Business Requirements~~	~~15 credits~~
Major Required Courses	18 credits
Option 1 No Concentration	6 credits
Option 2 Degree with Concentration	15 credits
Senior Experience	(counted in business core)
Unrestricted Electives	~~0-24 credits~~ 0-21 credits
Total for the Management Major, B.S.	**120 credits**

Required courses for the major may also count for General Studies and ESSJ requirements, so the total credits listed may be greater than the number required to complete the degree. Therefore, it is important that you work with your advisor to make sure you are meeting requirements for your degree.

Program Modification

Marketing Major, B.S.

Department of Marketing

College of Business

Available Program Format(s): Online, In-Person, Hybrid

About the Program
The B.S. in Marketing is a business degree that enables students to build a strong business background and marketing-specific expertise. The program prepares graduates for varied roles in marketing, spanning from brand building, digital marketing and social media, advertising and promotion, sales management, new product development, retailing and wholesaling, service management, and strategic planning, among many others, for organizations that include small local startups to major multinational corporations. Students will complete business core and additional requirements that provide a solid foundation across business functions. Within the major, students will complete required marketing

coursework and choose 12 credits of upper-division marketing electives, enabling students to select from a broad array of courses that support students' professional interests. As part of the College of Business, the B.S. in Marketing is accredited by AACSB.

Student Outcomes

Upon completion of the B.S. Marketing degree, students will be able to:

1. Identify and apply the stages of the consumer decision process.
2. Demonstrate an understanding of the elements of segmentation, targeting, and positioning as a means of making marketing decisions.
3. Identify and apply the principles of the marketing mix.
4. Demonstrate comprehension of marketing research design and processes.

The College of Business B.S. programs, including Marketing, share a common set of five learning goals reflecting cross-disciplinary core competencies, knowledge, and skills.

GOAL 1: Communication - Business students will be able to communicate effectively.

1.1 - Prepare effective written communication

1.2 - Deliver effective oral presentations

GOAL 2: Decision Making - Business students will be able to analyze business decisions and propose recommendations drawn from appropriate frameworks.

GOAL 3: Business Environment - Business students will be knowledgeable of global and ethical frameworks and how they relate to business decisions.

3.1 - Analyze global business factors and their impact on business solutions.

3.2 - Analyze ethical considerations and their impact on business solutions.

GOAL 4: Technological Agility - Business students will demonstrate the ability to readily adapt to and apply new technologies to inform business decisions.

GOAL 5: Core Knowledge - Business students will demonstrate competence in required business topics, including accounting, computer information systems, finance, marketing, management, and business law.

The College of Business B.S. programs, including Marketing, share a common set of four cross-disciplinary core competencies, knowledge, and skills.

Competency 1: Communication - Business students will be able to:

1.1 - Communicate effectively through writing.

1.2 - Communicate effectively through speaking.

Competency 2: Business Solutions - Business students will be able to analyze a business situation and recommend effective solutions utilizing:

2.1 - appropriate technological frameworks.

General Degree Requirements

To earn a degree, students must satisfy all requirements in each of the four areas below, in addition to their individual major requirements.

- Degree and Certificate Requirements
- General Studies Requirements
- Ethnic Studies & Social Justice Graduation Requirement
- Senior Experience Graduation Requirements

Program Requirements

- A total of 120 semester hours are required for graduation.

To earn a Bachelor of Science degree in Marketing, a student must successfully complete 30 or more credit hours of business coursework at MSU Denver. This 30-hour residency requirement can be met by completing any College of Business Additional Requirements: 15 credits

BUS 3040 - Global Corporate Social Responsibility and Sustainability **Credits:** 3

COMM 1010 - Presentational Speaking **Credits:** 3

    or

COMM 1100 - Fundamentals of Oral Communication **Credits:** 3

ECO 2010 - Principles of Macroeconomics **Credits:** 3

ECO 2020 - Principles of Microeconomics **Credits:** 3

MTH 1320 - Calculus for the Management and Social Sciences **Credits:** 3

- business courses with the prefix ACC, ACCM, BNK, BUS, CIS, ECO, FIN, MGT, MKT, and REL and a course number of 2000 or higher. A student must complete at least twelve (12) upper-division semester hours in Marketing at MSU Denver.
- In order to graduate, students must maintain a 2.0 average inside the **Business Core**.
- A grade of C- or better is required for each course in this program (i.e., major courses required) to count toward the bachelor's degree.

- In order to graduate, a grade of "C-" or better is required in MGT 4950.
- Students should note that programs differ in the minimum grade required.
- A minor is not required for this program.

General Studies Requirements: 33 credits

Students should consult the General Studies Requirements for a list of courses that fulfill the General Studies Requirements for degree completion.

- Written Communication (6 credits)
- Oral Communication (3 credits)
  - **Recommended:** COMM 1010 - Presentational Speaking or COMM 1100 - Fundamentals of Oral Communication, as one of these is required to fulfill an "Additional Requirement" for College of Business students completing any Bachelor of Science major.
- Quantitative Literacy (3 credits)
  - **Recommended:** MTH 1310 - Finite Mathematics for the Management and Social Sciences, as it is the pre-requisite for MTH 1320, which is an "Additional Requirement" for College of Business students completing any Bachelor of Science major.
- Arts and Humanities (6 credits)
- Historical (3 credits)
- Natural and Physical Sciences (6 credits)
- Social and Behavioral Sciences (6 credits)
  - **Recommended:** ECO 2010 - Principles of Macroeconomics (required in the Business Core) ~~and~~
  - ~~**Recommended:**~~ ECO 2020 - Principles of Microeconomics (required in the Business Core) ~~these courses fulfill an "Additional Requirement" for College of Business students completing any Bachelor of Science major.~~
- Global Diversity (0 or 3 credits**)

** Students will fulfill the global diversity requirement by taking an approved course within one of the following categories: arts and humanities; historical; natural and physical sciences; or social and behavioral sciences.

Ethnic Studies & Social Justice Requirement: 0 or 3 credits

- Students should consult the Ethnic Studies & Social Justice Graduation Requirement for a list of courses that fulfill the ESSJ Requirement for degree completion.
- Many programs include courses that meet this requirement. Students should consult with their advisor to determine what program courses may fulfill this requirement.
  - ~~**Recommended:** MKT 3750 - Multicultural Marketing; this course fulfills the ESSJ requirement and can be used to fulfill one of the major electives.~~

College of Business Additional Requirements: ~~15 credits~~ 6-7 credits

- ~~BUS 3040 - Global Corporate Social Responsibility and Sustainability **Credits:** 3~~
- COMM 1010 - Presentational Speaking **Credits:** 3

- or
- COMM 1100 - Fundamentals of Oral Communication **Credits:** 3
- ~~ECO 2010 - Principles of Macroeconomics **Credits:** 3~~
- ~~ECO 2020 - Principles of Microeconomics **Credits:** 3~~

- MTH 1320 - Calculus for the Management and Social Sciences **Credits:** 3 (pre-requisite: MTH 1310; can also accept MTH 1109, MTH 1110, MTH 1112, or MTH 1400; with a grade of C- or better)

Business Core: ~~36 credits~~ 45 credits

~~All business majors require foundation course work in all significant areas of business theory and practice. The following courses are required for all majors in marketing. A grade of "C-" or better must be earned in each business core course to have that course count toward the Bachelor of Science degree in Marketing. Students should note that programs differ in the minimum grade required. Please note the pre-requisites required for each course.~~ All business majors require foundation course work in all significant areas of business theory and practice. The following courses are required for all students majoring in Marketing. Students must maintain a 2.0 average inside the **Business Core.** A student cannot register for a business core course until all General Studies requirements in Written Communication, Oral Communication, and Quantitative Literacy are complete.

- BUS 1850 - Introduction to Business **Credits:** 3*
- BUS 1950 - Business Communication **Credits:** 3
- BUS 3040 - Global Corporate Social Responsibility and Sustainability **Credits:** 3
- ACC 2010 - Principles of Accounting I **Credits:** 3
- ACC 2020 - Principles of Accounting II **Credits:** 3
- CIS 2010 - Foundations of Information Systems **Credits:** 3
- CIS 3300 - Business Analytics I (Descriptive and Predictive) **Credits:** 3
- CIS 3320 - Business Analytics II (Prescriptive) **Credits:** 3
- ECO 2010 - Principles of Macroeconomics **Credits:** 3
- ECO 2020 - Principles of Microeconomics **Credits:** 3
- FIN 3300 - Managerial Finance **Credits:** 3
- MGT 2210 - Legal Environment of Business I **Credits:** 3
- MGT 3000 - Organizational Management **Credits:** 3
- MGT 4950 - Strategic Management **Credits:** 3**
- MKT 3000 - Principles of Marketing **Credits:** 3

Transfer students that transfer in 6 or more credits of business courses will not need to take BUS 1850 but may take any other College of Business 3-credit hour course that does not appear in their Major or Business Core requirements.
*** "C-" or better must be earned in MGT 4950.*

Marketing Major Requirements: 24 credits

A grade of C- or better is required for each course in this program (i. e., major courses required) to count toward the bachelor's degree.

- MKT 3010 - Marketing Research **Credits:** 3
- MKT 3310 - Consumer Behavior **Credits:** 3
- MKT 3710 - International Marketing **Credits:** 3
- MKT 4560 - Marketing Strategy **Credits:** 3
- Upper-division Marketing Electives: any 3000 or 4000 level MKT courses not listed in the Business Core or Major Requirements **Credits:** 12

Senior Experience: 3 credits

- MGT 4950 - Strategic Management **Credits:** 3 (this course is also required in the Business Core)

Summary of Requirements

General Studies Requirement	33 credits
ESSJ Requirement	0-3 credits
College of Business Additional Requirements	6-7 credits
Business Core	~~36 credits~~ 45 credits
~~College of Business Additional Requirements~~	~~15 credits~~
Major Requirements	24 credits
Senior Experience	(counted in business core)
Unrestricted Electives	~~9-24 credits~~ 8-21 credits
Total for the Marketing Major, B.S.	**120 credits**

Required courses for the major may also count for General Studies and ESSJ requirements, so the total credits listed may be greater than the number required to complete the degree. Therefore, it is important that you work with your advisor to make sure you are meeting requirements for your degree.

Program Modification

Professional Selling Major, B.A.

Department of Marketing

College of Business

Available Program Format(s): Online, In-Person, Hybrid

About the Program
The B.A. in Professional Selling is a specialized curriculum designed to equip students with the necessary skills to launch careers in sales. The program emphasizes the professional selling process, the importance of trust and relationships, value creation and communication, sales enablement technology, and what to expect from a career. In addition to sales-specific coursework, students will complete business courses and additional requirements that provide a background across business functions. The major offers flexibility for students to apply elective credits to a certificate or minor to specialize in an area of sales (a minor is not required). The Center for Professional Selling is recognized as a "Top University for Sales Education" by the Sales Education Foundation and is accredited as a full member by the University Sales Center Alliance.

Student Outcomes
Upon completion of the Professional Selling Major, B.A., students will be able to:

- Assess a sales opportunity by asking questions
- Develop appropriate responses to buyer objections
- Propose next steps to advance the close

General Degree Requirements

To earn a degree, students must satisfy all requirements in each of the four areas below, in addition to their individual major requirements.

- Degree and Certificate Requirements
- General Studies Requirements
- Ethnic Studies & Social Justice Graduation Requirement
- Senior Experience Graduation Requirements

Program Requirements

- A total of 120 semester hours are required for graduation.
- To earn a Bachelor of Arts degree in Professional Selling, a student must successfully complete 30 or more credit hours of business coursework at MSU Denver. This 30-hour residency requirement can be met by completing any business courses with the prefix ACC, ACCM, BNK, BUS, CIS, ECO, FIN, MGT, MKT, and REL. A student must complete at least twelve (12) upper-division semester hours in Marketing at MSU Denver.
- ~~A grade of C- or better is required for each course in this program to count toward the bachelor's degree.~~A grade point average of 2.0 or better is required for each course in this program (i.e., Professional Selling major requirements and electives) to count toward the bachelor's degree. Students should note that programs differ in the minimum grade required.
- A minor is not required for this program.

General Studies Requirements: 33 credits

Students should consult the General Studies Requirements for a list of courses that fulfill the General Studies Requirements for degree completion.

- Written Communication (6 credits)
- Oral Communication (3 credits)
    - **Recommended:** COMM 1010 - Presentational Speaking or COMM 1100 - Fundamentals of Oral Communication (one of these courses required in the prerequisites section)
- Quantitative Literacy (3 credits)
    - **Recommended:** MTH 1210 - Introduction to Statistics* or MTH 1310 - Finite Mathematics for the Management and Social Sciences* (one of these courses required in the prerequisites section)
- Arts and Humanities (6 credits)
- Historical (3 credits)
- Natural and Physical Sciences (6 credits)
- Social and Behavioral Sciences (6 credits)
    - **Recommended:** ECO 2010 - Principles of Macroeconomics and ECO 2020 - Principles of Microeconomics (these courses required in the prerequisites section)
- Global Diversity (0 or 3 credits**)

*** Students will fulfill the global diversity requirement by taking an approved course within one of the following categories: arts and humanities; historical; natural and physical sciences; or social and behavioral sciences.*

Ethnic Studies & Social Justice Requirement: 0 or 3 credits

- Students should consult the Ethnic Studies & Social Justice Graduation Requirement for a list of courses that fulfill the ESSJ Requirement for degree completion.
- Many programs include courses that meet this requirement. Students should consult with their advisor to determine what program courses may fulfill this requirement.
  - ~~Recommended: MKT 3750 - Multicultural Marketing; this course fulfills the ESSJ requirement and is a major requirement.~~

Required Prerequisites: 13 credits

- COMM 1010 - Presentational Speaking **Credits:** 3

  - or
- COMM 1100 - Fundamentals of Oral Communication **Credits:** 3

- ECO 2010 - Principles of Macroeconomics **Credits:** 3
- ECO 2020 - Principles of Microeconomics **Credits:** 3

- MTH 1210 - Introduction to Statistics **Credits:** 4

  - or
- MTH 1310 - Finite Mathematics for the Management and Social Sciences **Credits:** 4

- *MTH 1110 or MTH 1400 is acceptable for transfer students or students changing their major. Consult with the Department of Mathematics and Statistics on substitutions.*

Professional Selling Major Requirements: 48 credits

A grade point average of 2.0 or better is required for all courses in the **Professional Selling Major** to count toward the bachelor's degree.

Students should note that programs differ in the minimum grade required.

- ACC 1010 - Fundamentals of Accounting **Credits:** 3

  - or
- ACC 2010 - Principles of Accounting I **Credits:** 3

- BUS 1850 - Introduction to Business **Credits:** 3 *
- BUS 1950 - Business Communication **Credits:** 3
- BUS 3040 - Global Corporate Social Responsibility and Sustainability **Credits:** 3
- CIS 2010 - Foundations of Information Systems **Credits:** 3
- FIN 3150 - Personal Financial Planning **Credits:** 3
- MGT 2210 - Legal Environment of Business I **Credits:** 3
- MGT 3000 - Organizational Management **Credits:** 3
- MKT 2250 - Introduction to Sales **Credits:** 3
- MKT 3000 - Principles of Marketing **Credits:** 3
- MKT 3160 - Sales Leadership **Credits:** 3
- MKT 3250 - Personal Selling **Credits:** 3

- MKT 3320 - Inside Sales **Credits:** 3
- MKT 3330 - Marketing and Sales Metrics **Credits:** 3
- MKT 3350 - Social Selling **Credits:** 3
- MKT 3750 - Multicultural Marketing **Credits:** 3

* Transfer students that transfer in 6 or more credits of business courses will not need to take BUS 1850 but may take any other College of Business 3-credit hour course that does not appear in their Major or Business Core requirements.

Professional Selling Elective Requirements: 12 credits

A grade point average of 2. 0 or better is required for all courses in the Professional Selling Electives to count toward the bachelor's degree.

Twelve credit hours of any upper division MKT prefix courses and/or courses from the approved list:

- MKT 3000-4999 Upper Division Marketing Courses
- MKT 1260 - Customer Service **Credits:** 3
- COMM 3010 - Business and Professional Speaking **Credits:** 3
- MGT 3530 - Human Resources Management **Credits:** 3
- MGT 4050 - Purchasing and Supply Chain Management **Credits:** 3
- MGT 4620 - Performance Management and Reward Systems **Credits:** 3
- MGT 4640 - Employee Training and Development **Credits:** 3

Senior Experience: 3 credits

- MKT 4250 - Advanced Selling **Credits:** 3

Summary of Requirements

General Studies Requirements	33 credits
ESSJ Requirement	0-3 credits
Prerequisite Courses	13 credits
Major Requirements	48 credits
Major Electives	12 credits
Senior Experience	3 credits
Unrestricted Electives	8-23 credits
Total for the Professional Selling Major, B.S.	**120 credits**

Required courses for the major may also count for General Studies and ESSJ requirements, so the total credits listed may be greater than the number required to complete the degree. Therefore, it is important that you work with your advisor to make sure you are meeting requirements for your degree.

Real Estate Major, B.S.

Department of Finance   Available Program Format(s):

College of Business

About the Program
The Real Estate Degree is a Bachelor of Science Program within the College of Business. Real Estate majors may either pursue a concentration in Property Management, Appraisal and Title, Real Estate Investment and Asset Management, or complete the major without a concentration by choosing from a set of courses in consultation with an advisor. The Real Estate Major, B.S., will lead to various licensure and certification options for our students. Students may add an optional International Business Concentration.

Student Outcomes
Students will receive a broad education in real estate law, the technologies used in real estate transactions, and the management of risk in the real estate industry. Our curriculum is driven with purpose to make you a well-rounded, objective, and analytical real-estate authority with the managerial skills that can help you achieve a long and lucrative career.

1. Demonstrate proficiency in core knowledge required of real-estate practitioners.
2. Demonstrate ability to organize, analyze and draw appropriate conclusions based on information about real estate.
3. Apply foundation knowledge and skills necessary to identify problems and generate feasible alternatives.
4. Demonstrate ability to apply information to recommend and justify solutions to problems in real-estate.

The College of Business B.S. programs, including Real Estate, share a common set of four cross-disciplinary core competencies, knowledge, and skills.

Competency 1: Communication - Business students will be able to:

1.1 - Communicate effectively through writing.

1.2 - Communicate effectively through speaking.

Competency 2: Business Solutions - Business students will be able to analyze a business situation and recommend effective solutions utilizing:

2.1 - appropriate technological frameworks.

2.2 - appropriate ethical frameworks.

2.3 - appropriate global frameworks.

Competency 3: Technological Agility - Business students will be able to:

3.1 - understand the impact of current technology on the business environment.

Competency 4: Core Knowledge - Business students will demonstrate competence in required business topics, including accounting, computer information systems, data analytics, economics, ethics, finance, marketing, management, and business law.

General Degree Requirements

To earn a degree, students must satisfy all requirements in each of the four areas below, in addition to their individual major requirements.

- Degree and Certificate Requirements
- General Studies Requirements
- Ethnic Studies & Social Justice Graduation Requirement
- Senior Experience Graduation Requirements

Program Requirements

- A total of 120 semester hours are required for graduation.
- To earn a Bachelor of Science degree in Real Estate, a student must successfully complete 30 or more credit hours of business coursework at MSU Denver. This 30-hour residency requirement can be met by completing any business courses with the prefix ACC, ACCM, BNK, BUS, CIS, ECO, FIN, MGT, MKT, and REL. A student must complete at least twelve (12) upper-division semester hours in Real Estate or Finance at MSU Denver.
- In order to graduate, students must maintain a 2.0 average inside the **Business Core**.
- A grade of C or better is required for each course in this program (i.e., major courses required or in concentration) to count toward the bachelor's degree.
- In order to graduate, a grade of "C-" or better is required in MGT 4950.
- A grade of C- or better is required for each course in this program to count toward the bachelor's degree. Students should note that programs differ in the minimum grade required.
- A minor is not required for this program.

General Studies Requirements: 33 credits

Students should consult the General Studies Requirements for a list of courses that fulfill the General Studies Requirements for degree completion.

- Written Communication (6 credits)
- Oral Communication (3 credits)
    - **Recommended:** Students may fulfill this requirement by taking a course listed in the additional College of Business Requirements COMM 1010 - Presentational Speaking or COMM 1100 - Fundamentals of Oral Communication.
- Quantitative Literacy (3 credits)
    - **Recommended:** Students may fulfill this requirement by taking MTH 1310 - Finite Mathematics for the Management and Social Sciences; or MTH 1311 - Finite Mathematics for the Management and Social Sciences with Laboratory with MTH 1312 - Finite Mathematics Laboratory. MTH 1310 - Finite Mathematics for the Management and Social Sciences and MTH 1311 - Finite Mathematics for the Management and Social Sciences with Laboratory/ MTH 1312 - Finite Mathematics Laboratory are prerequisites to MTH 1320 - Calculus for the Management and Social Sciences, which is an additional requirement for College of Business students completing any Bachelor of Science major. Students may also take MTH 1110 - College Algebra for Calculus; MTH 1108 - College Algebra Stretch, Part I/ MTH

1109 - College Algebra Stretch, Part II; or MTH 1111 - College Algebra for Calculus with Laboratory with MTH 1101 - College Algebra Laboratory.

- Arts and Humanities (6 credits)
- Historical (3 credits)
- Natural and Physical Sciences (6 credits)
- Social and Behavioral Sciences (6 credits)
  - **Recommended:** ~~Students may fulfill this requirement by taking courses listed in the College of Business Requirements such as~~ ECO 2010 - Principles of Macroeconomics (required in the Business Core) ~~and~~
  - **Recommended:** ECO 2020 - Principles of Microeconomics (required in the Business Core).
- Global Diversity (0 or 3 credits**)

** *Students will fulfill the global diversity requirement by taking an approved course within one of the following categories: arts and humanities; historical; natural and physical sciences; or social and behavioral sciences.*

Ethnic Studies & Social Justice Requirement: 0 or 3 credits

- Students should consult the Ethnic Studies & Social Justice Graduation Requirement for a list of courses that fulfill the ESSJ Requirement for degree completion.
- Many programs include courses that meet this requirement. Students should consult with their advisor to determine what program courses may fulfill this requirement.
  - ~~The College of Business offers two ESSJ courses: MKT 3750 - Multicultural Marketing, and MGT 4830 - Workforce Diversity.~~

College of Business Additional Requirements: ~~15-16 credits~~ 6-7 credits

~~All students must complete the following courses. These courses may also count towards the General Studies Requirements.~~

- ~~BUS 3040 - Global Corporate Social Responsibility and Sustainability **Credits:** 3~~
- COMM 1010 - Presentational Speaking **Credits:** 3

- or
- COMM 1100 - Fundamentals of Oral Communication **Credits:** 3
- ~~ECO 2010 - Principles of Macroeconomics **Credits:** 3~~
- ~~ECO 2020 - Principles of Microeconomics **Credits:** 3~~
- MTH 1320 - Calculus for the Management and Social Sciences **Credits:** 3 (pre-requisite: MTH 1310; can also accept MTH 1109, MTH 1110, MTH 1112, or MTH 1400; with a grade of C- or better). Students who took or transferred in MTH 1410 - Calculus I, may substitute this class for the MTH 1320 requirement.

Business Core: ~~36 credits~~ 45 credits

~~All business majors require foundation course work in all significant areas of business theory and practice. The following courses are required for all majors in finance. A grade of "C-" or better must be earned in each business core course to have that course count toward the Bachelor of Science degree in Real Estate. Students should note that programs differ in the minimum grade required~~. All business majors require foundation course work in all significant areas of business theory and practice. The following courses are required for all students majoring in Real Estate. Students must maintain a 2.0 average inside the **Business Core.** A student cannot register for a business core course until all General Studies requirements in Written Communication, Oral Communication, and Quantitative Literacy are complete.

- BUS 1850 - Introduction to Business **Credits:** 3 *
- BUS 1950 - Business Communication **Credits:** 3
- BUS 3040 - Global Corporate Social Responsibility and Sustainability **Credits:** 3
- ACC 2010 - Principles of Accounting I **Credits:** 3
- ACC 2020 - Principles of Accounting II **Credits:** 3
- CIS 2010 - Foundations of Information Systems **Credits:** 3
- CIS 3300 - Business Analytics I (Descriptive and Predictive) **Credits:** 3
- CIS 3320 - Business Analytics II (Prescriptive) **Credits:** 3
- ECO 2010 - Principles of Macroeconomics **Credits:** 3
- ECO 2020 - Principles of Microeconomics **Credits:** 3
- FIN 3300 - Managerial Finance **Credits:** 3
- MGT 2210 - Legal Environment of Business I **Credits:** 3
- MGT 3000 - Organizational Management **Credits:** 3
- MGT 4950 - Strategic Management **Credits:** 3**
- MKT 3000 - Principles of Marketing **Credits:** 3

Transfer students that transfer in 6 or more credits of business courses will not need to take BUS 1850 but may take any other College of Business 3-credit hour course that does not appear in their Major or Business Core requirements.
** "C-" or better must be earned in MGT 4950*

Required Courses: 12 credits

A minimum grade of "C" is required for courses in the major.

- FIN 3010 - Financial Markets and Institutions **Credits:** 3
- REL 2200 - Introduction to Real Estate **Credits:** 3
- FIN 3800 - Real Estate Practice and Law **Credits:** 3
- FIN 3810 - Advanced Real Estate Practice and Law **Credits:** 3

Concentration Options (select one): 18 credits

Real Estate majors must pursue a concentration depending on their interest from the options listed below. A minimum grade of "C" is required for courses in the major.

Concentration in Property Management: 18 credits

- REL 3000 - Residential Property Management **Credits:** 3
- REL 3200 - Common Interest Ownership Community and HOA Management **Credits:** 3
- REL 3300 - Commercial Property Management and Leases **Credits:** 3
- REL 3400 - Real Estate Technology **Credits:** 3
- And two courses from the Real Estate approved electives list.

Concentration in Appraisal and Title: 18 credits

- CET 3320 - Environmental Impact Statements **Credits:** 3
- REL 4200 - Appraisal Principles, Procedures, and Ethics **Credits:** 3
- REL 4300 - Advanced Appraisal Methods and Reports **Credits:** 3
- REL 4400 - Principles and Issues in Real Estate Title and Title Insurance **Credits:** 3

- And two courses from the Real Estate approved electives list.

Concentration in Real Estate Investment and Asset Management: 18 credits

- FIN 3600 - Investments **Credits:** 3
- FIN 3850 - Intermediate Finance **Credits:** 3
- FIN 4200 - Financial Modeling with Spreadsheets **Credits:** 3
- REL 3300 - Commercial Property Management and Leases **Credits:** 3
- REL 3400 - Real Estate Technology **Credits:** 3
- REL 4200 - Appraisal Principles, Procedures, and Ethics **Credits:** 3

No Concentration: 18 credits

- Select six courses from the Real Estate Electives list, four of which must have FIN or REL prefixes.

Real Estate Approved Electives

A minimum grade of "C" is required for courses in the major.

- BNK 2700 - Introduction to Banking **Credits:** 3
- BNK 3600 - Management of Banking Operations **Credits:** 3
- CET 3320 - Environmental Impact Statements **Credits:** 3
- MKT 3250 - Personal Selling **Credits:** 3
- FIN 4200 - Financial Modeling with Spreadsheets **Credits:** 3
- REL 2200 - Introduction to Real Estate **Credits:** 3
- REL 3000 - Residential Property Management **Credits:** 3
- REL 3200 - Common Interest Ownership Community and HOA Management **Credits:** 3
- REL 3300 - Commercial Property Management and Leases **Credits:** 3
- REL 3400 - Real Estate Technology **Credits:** 3
- REL 4200 - Appraisal Principles, Procedures, and Ethics **Credits:** 3
- REL 4300 - Advanced Appraisal Methods and Reports **Credits:** 3
- REL 4400 - Principles and Issues in Real Estate Title and Title Insurance **Credits:** 3

Senior Experience: 3 credits

- MGT 4950 - Strategic Management **Credits:** 3 (this course is also required in the Business Core)

Summary of Requirements

General Studies Requirements	33 credits
ESSJ Requirement	0-3 credits
College of Business Additional Requirements	6-7 credits
Business Core	~~36 credits~~ 45 credits

~~Additional Requirements~~	~~15-16 credits~~
Major Requirements	12 credits
Concentration Selection	18 credits
Senior Experience	(counted in business core)
Unrestricted Electives	~~2-18 credits~~ 2-15 credits
Total for the Real Estate Major, B.S.	**120 credits**

Required courses for the major may also count for General Studies and ESSJ requirements, so the total credits listed may be greater than the number required to complete the degree. Therefore, it is important that you work with your advisor to make sure you are meeting requirements for your degree.

College of Letters, Arts and Sciences

New Program

English Education Graduate Certificate

The English Education Certificate is a content-rich, pedagogical approach to graduate studies in English Education. Students in this program have already obtained licensure and this program serves to enrich content knowledge. The certificate offers three core graduate English courses: Linguistic Diversity, Assessment, and Current Trends, and students will select three variable topics courses for a total of 18 graduate hours. Students must earn a minimum passing grade of C- or better in all coursework to receive credit.

- **English Education Graduate Core**

This core consists of three core courses for 9 credit hours total.

  - ENG 5100 Assessment of the ELA Learner **Credits:** 3
  - ENG 5200 Linguistic Diversity in the Classroom **Credits:** 3
  - ENG 5300 Current Trends in English Education Action Research **Credits:** 3

- **Variable Topics in English**

Students take three variable topics courses for 9 credit hours total.

  - ENG 5400 Variable Topics in English **Credits:** 3

- **Total credits: 18**

Program Modification

English Major, B.A.

Department of English   Available Program Format(s): Online, In-Person, Hybrid

About the Program

For students majoring in English, the program provides a foundation in literature, language, writing, visual literacy, and teaching. Thus students' command of written language, their ability to analyze concepts, and their broad understanding of human nature and social realities will enable them to be competitive in a variety of fields, including education, business, and civil service or, with appropriate graduate work, in professions such as law and higher education.

The English Major requires concentration in one of the following:

- creative writing
- literature, film and media studies
- professional writing and rhetoric
- secondary school teaching, leading to licensure

Students who are considering a major in the English Department are expected to consult with faculty for advising. Students in elementary or secondary licensure programs should consult with advisors in the School of Education as well.

Student Outcomes

With completion of any of the concentrations in the English Major, students should be able to do the following:

- Produce polished writing in a variety of genres appropriate to audience and purpose
- Understand how language is used, and the factors accounting for variation in language use
- Identify and use appropriate methods in their research, assess their sources, and cite all sources professionally
- Analyze texts appropriate to the discipline, with an understanding of the ways in which texts can reflect or shape historical and cultural contexts.
- Apply appropriate disciplinary criticism or theory
- Examine diverse perspectives among the world-views, power structures, and experiences of individuals, groups, communities, and/or cultures, in historical and contemporary contexts, specifically through the lenses of race and ethnicity, global perspectives, and/or sexual and gender identities.

General Degree Requirements

To earn a degree, students must satisfy all requirements in each of the four areas below, in addition to their individual major requirements.

- Degree and Certificate Requirements
- General Studies Requirements
- Ethnic Studies & Social Justice Graduation Requirement
- Senior Experience Graduation Requirements

Program Requirements

- A total of 120 semester hours are required for graduation.
- A grade of "C-" or better is required for each course in this program to count toward the bachelor's degree. Students should note that programs differ in the minimum grade required.
- To receive major or minor credit for any ENG or LING prefix course or courses in the teacher licensure program, the student must receive a grade of "C-" or better.

- A minor is required for the Creative Writing, Literature, Film and Media Studies, and Professional Writing and Rhetoric concentrations in this program. A minor is not required for the Secondary English Teacher Licensure concentration.

General Studies Requirements: 33 credits

Students should consult the General Studies Requirements for a list of courses that fulfill the General Studies Requirements for degree completion.

Written Communication (6 credits)

Oral Communication (3 credits)

Quantitative Literacy (3 credits)

Arts and Humanities (6 credits)

Historical (3 credits)

Natural and Physical Sciences (6 credits)

Social and Behavioral Sciences (6 credits)

Global Diversity (0 or 3 credits**)

** Students will fulfill the global diversity requirement by taking an approved course within one of the following categories: arts and humanities; historical; natural and physical sciences; or social and behavioral sciences.

Ethnic Studies & Social Justice Requirement: 0 or 3 credits

Students should consult the Ethnic Studies & Social Justice Graduation Requirement for a list of courses that fulfill the ESSJ Requirement for degree completion.

Many programs include courses that meet this requirement. Students should consult with their advisor to determine what program courses may fulfill this requirement.

English Major Core: 15 credits

Students in all concentrations, with the exception of the Secondary English Teacher Licensure Concentration, take the following courses. Note: The English Major, B.A. with Secondary English Teacher Licensure Concentration core is listed under that specific concentration.

Both of the following courses:
ENG 2100 - Introduction to Literary Studies **Credits:** 3

ENG 2500 - Introduction to Creative Writing **Credits:** 3

Film and Media Studies: Select one of the following courses (students with the concentration in Literature, Film and Media Studies must take ENG 2860):
ENG 2860 - Introduction to Film and Media Studies **Credits:** 3

ENG 3770 - Multicultural Cinema **Credits:** 3

Professional Writing and Rhetoric: Select one of the following courses:

ENG 2505 - Rhetoric of War **Credits:** 3

ENG 2512 - The Rhetoric of Social Media **Credits:** 3

ENG 3525 - Scholarly Writing **Credits:** 3

ENG 3527 - Professional Writing **Credits:** 3

Linguistics: Select one of the following courses:

LING 2010 - Introduction to Linguistics **Credits:** 3

LING 2011 - Origins of English Words **Credits:** 3

LING 3011 - Analyzing English **Credits:** 3

LING 3020 - History of the English Language **Credits:** 3

LING 3030 - Semantics **Credits:** 3

LING 3050 - Language and Society **Credits:** 3

Creative Writing Concentration: 30 credits

The Creative Writing concentration is comprised of courses through which students develop advanced writing skills in genres such as fiction, poetry, creative nonfiction, drama, and screenwriting. Our unique program is structured around choice; students work with faculty advisors to develop distinct pathways to graduation, taking specific writing and educational goals into account. Workshop is at the heart of the program; Creative Writing brings together individualized attention from professors and peer collaboration within our strong community. Students also may participate in the publication of The MSU Roadrunner Review, one of the few biannual undergraduate creative writing journals in the country. Required courses in the broader English department expose students to a variety of representative texts and approaches to critical reading. Coursework built around imaginative and purposeful thinking, writing, and reading leads students to deeper examinations of their lives and communities. Our program includes instruction on the marketing of finished manuscripts; students and alumni have an excellent publication record. Student accomplishments range from small press publications to recognition as a National Book Award finalist. A number of alumni have gone on to study in MFA and PhD programs. Many students use their transferable skills, including the ability to analyze and critique texts, communicate persuasively and effectively, understand other points of view, and build effective, often research based arguments, in a variety of fields beyond the arts, including education, business, medicine, and law.

With completion of the Creative Writing concentration in the English Major, students should be able to do the following:

- Produce effective, revised writing with consideration of audience and purpose.
- Analyze and critically respond to texts: creative, craft-based, or cultural.
- Demonstrate advanced writing skills in a specific genre, with attention to form, language, and devices.

Required Courses

In satisfying the requirements of the concentration, students may not count courses taken to fulfill the English BA Core requirements. Additionally, a course may be used to satisfy only one requirement.

Literature or Film and Media Studies: 6 credits

Select one course, 2000-level or above, from course ranges ENG 2100-2499, 2800-2899, 3100-3499, 3610-3629, 3700-3799, 4100-4499, 4630, 4670.

Select one course, 3000-level or above, from course ranges ENG 3100-3499, 3610-3629, 3700-3799, 4100-4499, 4630, 4670.

Literary Genre: 3 credits

Select one of the following courses:

ENG 3130 - Literary Genre: Novel **Credits:** 3

ENG 3140 - Literary Genre: Poetry **Credits:** 3

ENG 3160 - Literary Genre: Drama **Credits:** 3

ENG 3180 - Literary Genre: Narrative **Credits:** 3

Writing Workshops: 6 credits

Select two of the following courses:

ENG 3521 - Poetry Writing Workshop **Credits:** 3

ENG 3522 - Fiction Writing Workshop **Credits:** 3

ENG 3523 - Drama Writing Workshop **Credits:** 3

ENG 3524 - Creative Nonfiction Writing Workshop **Credits:** 3

Writing Studios: 6 credits

Select two of the following courses:

ENG 3820 - Writing Studio: Variable Topics **Credits:** 3

ENG 382A Writing Studio: Poetry

ENG 382B Writing Studio: Speculative Fiction

ENG 382F Writing Studio: Screenwriting

ENG 382M Writing Studio: Contemporary Short Story

ENG 382R Writing Studio: Adaptation for Stage and Screen

ENG 382S Writing Studio: Novel

ENG 382T Writing Studio: Micro Narrative

Workshop, Studio, Magazine, Bootcamp, or Internship: 3 credits

Select one or more of the following, for a total of 3 credits:

ENG 3521 - Poetry Writing Workshop **Credits:** 3

ENG 3522 - Fiction Writing Workshop **Credits:** 3

ENG 3523 - Drama Writing Workshop **Credits:** 3

ENG 3524 - Creative Nonfiction Writing Workshop **Credits:** 3

ENG 3800 - Creative Writing Bootcamp **Credits:** 1

ENG 3810 - Creative Writing Journal **Credits:** 2

ENG 3820 - Writing Studio: Variable Topics **Credits:** 3

ENG 3980 - Internship in English **Credits:** 1-15

Electives: 3 credits

Select any 2000-level or above ENG course.

Senior Experience: 3 credits

ENG 4520 - Senior Project: Writing **Credits:** 3

Literature, Film and Media Studies Concentration: 30 credits

The Literature, Film and Media Studies concentration (LFMS) encompasses a range of American, British, and World literatures and film media, through which students learn to critically engage with the artistic, narrative, and persuasive techniques of written and visual media and examine how such works record and influence the complex interactions between people and cultures in history. With grounding in a rich and diverse array of cultural production from different times and places, students develop both broader cultural knowledge and facility with understanding and navigating multiple points of view. Because of their command of written language and visual literacy, and their ability to deal with ideas and concepts as well as facts, English majors concentrating in LFMS are prepared to pursue graduate work in such areas as writing, advanced studies in the humanities, library sciences, or law, and are valued in many fields. Either alone or paired with other specialized minors, licensures or certificates, the LFMS degree can prepare students for careers in an array of professional fields, including teaching, academe, law, politics, business, health, non-profits, journalism, and entertainment.

With completion of the Literature, Film and Media Studies concentration in the English Major, students should be able to do the following:

- Interpret and analyze literary, filmic, and digital texts, with an understanding of contexts as well as formal and stylistic elements.
- Apply appropriate criticism, theory, concepts, and/or terminology to readings, interpretations, or analyses of literary, filmic, and/or digital texts.
- Create an original text or project that demonstrates understanding of disciplinary content and relevant skills.

Required Courses

In satisfying the requirements of the concentration, students may not count courses taken to fulfill the English BA Core requirements. Additionally, a course may be used to satisfy only one requirement.

Students must take a minimum of 6 courses (18 credit hours) at 3000-level or above. Note: ENG 3120 courses, Literature and Film: Variable Topics, can be counted as either Literature or Film and Media Studies.

Theory of Literature and Film: 3 credits

Literature, Film and Media Studies: 24 credits

Students take 12 credit hours each in Literature and Film and Media Studies courses. Of these courses (24 credit hours total), students must take a minimum of 6 courses (18 credit hours) at 3000-level or above. Note: ENG 3120 courses, Literature and Film: Variable Topics, can be counted as either Literature or Film and Media Studies.

Literature: 12 credits

Select four courses from the following:

ENG 2210 - American Literature: Beginnings through the Civil War **Credits:** 3

ENG 2220 - American Literature: Civil War to Present **Credits:** 3

ENG 2240 - Introduction to Native American Literature **Credits:** 3

ENG 2270 - Monsters and Monstrosity **Credits:** 3

ENG 2330 - British Literature: Late 1700s to the Present **Credits:** 3

ENG 2360 - Comics and Graphic Novels **Credits:** 3

ENG 2400 - Disney Culture **Credits:** 3

ENG 2410 - Survey of Chicana/o Literature **Credits:** 3

ENG 3100 - Chaucer, Shakespeare, Milton **Credits:** 3

ENG 3111 - Studies in Early Anglophone Literature **Credits:** 3

ENG 3112 - Studies in Early World Literature **Credits:** 3

ENG 3113 - Studies in Later Anglophone Literature **Credits:** 3

ENG 3114 - Studies in Later World Literature **Credits:** 3

ENG 3120 - Literature and Film: Variable Topics **Credits:** 3

ENG 3130 - Literary Genre: Novel **Credits:** 3

ENG 3140 - Literary Genre: Poetry **Credits:** 3

ENG 3160 - Literary Genre: Drama **Credits:** 3

ENG 3180 - Literary Genre: Narrative **Credits:** 3

ENG 3240 - African American Literature **Credits:** 3

ENG 3242 - Contemporary Native American Literature **Credits:** 3

ENG 3250 - Black Women Writers **Credits:** 3

ENG 3350 - Essential Shakespeare **Credits:** 3

ENG 3360 - LGBT Literature **Credits:** 3

ENG 3430 - Classical Mythology **Credits:** 3

ENG 3440 - Myth and Literature **Credits:** 3

ENG 3470 - Young Adult Literature **Credits:** 3

ENG 3475 - Literature of the Oppressed **Credits:** 3

ENG 3480 - The Chicano Novel **Credits:** 3

ENG 4110 - Advanced Studies in Literature: Variable Topics **Credits:** 3

ENG 4114 - Multi-Ethnic Women's Literature **Credits:** 3

ENG 4115 - Hip-Hop and Literature **Credits:** 3

ENG 4116 - Harlem Renaissance **Credits:** 3

ENG 4130 - Writers and Their Worlds **Credits:** 3

Film and Media Studies: 12 credits

Select four courses from the following:

ENG 2810 - Vampire Films **Credits:** 3

ENG 2850 - International Film **Credits:** 3

ENG 3120 - Literature and Film: Variable Topics **Credits:** 3

ENG 3711 - History of Film I **Credits:** 3

ENG 3712 - History of Film II **Credits:** 3

ENG 3720 - Film and Media Studies Topics: Variable Topic **Credits:** 3

ENG 3721 - Cinema of India **Credits:** 3

ENG 3722 - Native American Cinema **Credits:** 3

ENG 3725 - Studies in Cinema: Gender in Mainstream American Film **Credits:** 3

ENG 3750 - Cinema Genre: Variable Topics **Credits:** 3

ENG 3770 - Multicultural Cinema **Credits:** 3

ENG 4630 - Cinema Director: Variable Topics **Credits:** 3

~~Theory of Literature and Film: 3 credits~~

~~ENG 3615 - Theory!~~ **~~Credits:~~** ~~3~~

Senior Experience: 3 credits

ENG 4500 - Senior Project **Credits:** 3

Professional Writing and Rhetoric Concentration: 27 credits

The Professional Writing and Rhetoric (PWR) concentration of the English B. A. provides a program of study that focuses on how language and writing are connected to identity and shape actions and attitudes. Students learn to analyze and understand others' perspectives and acquire the skills to broaden and effectively articulate and defend their own

perspectives. Students choose from classes that study professional writing; topics in current rhetoric, like disability rhetorics, environmental rhetorics or the language of race; contemporary and classical rhetorical and composition theory; and topics such as visual literacy, social media, or the history of authorship. This concentration provides students the opportunity to hone analysis and writing skills, as well as to conduct original, undergraduate research, to compose and interpret texts using multiple modes, to learn to tutor or teach writing, and to become effective, nuanced communicators.

With completion of the Professional Writing and Rhetoric concentration in the English Major, students should be able to do the following:

- Interpret and explain major theories of PWR as an intellectual field and the relationship of rhetoric to language and visual literacies.
- Analyze rhetorical situations, identify arguments, and read texts rhetorically.
- Generate persuasive written discourse with a proficiency in language and documentation style specific to the task with attention to audiences and genres.
- Conduct research with attention to ethical practices.
- Analyze the ways that identity - including but not limited to language, race, socio-economic class, religion, sex, and gender - both constructs and is constructed by rhetoric.

Required Courses

In satisfying the requirements of the concentration, students may not count courses taken to fulfill the English BA Core requirements. Additionally, a course may be used to satisfy only one requirement.

Linguistics Course: 3 credits

Select one of the following courses:

LING 2010 - Introduction to Linguistics **Credits:** 3

LING 2011 - Origins of English Words **Credits:** 3

LING 3011 - Analyzing English **Credits:** 3

LING 3020 - History of the English Language **Credits:** 3

LING 3030 - Semantics **Credits:** 3

LING 3050 - Language and Society **Credits:** 3

Theory and Methodology: 3 credits

Select one or more of the following courses, for 3 credit hours total:

ENG 3510 - Composition Studies: Theories and Practice **Credits:** 3

ENG 3520 - Research Methods in Rhetoric and Composition **Credits:** 3

ENG 3670 - Social Change and Writing Centers **Credits:** 3

ENG 3671 - Writing Tutoring **Credits:** 1

ENG 3672 - Research in Writing Centers **Credits:** 1

Rhetoric: 3 credits

Select one of the following courses:

ENG 2505 - Rhetoric of War **Credits:** 3

ENG 2512 - The Rhetoric of Social Media **Credits:** 3

ENG 2513 - Disability Rhetorics **Credits:** 3

ENG 3501 - Studies in Rhetoric and Writing: Style **Credits:** 3

ENG 3503 - Rhetoric and Visual Literacy **Credits:** 3

ENG 3505 - Concepts of Authorship **Credits:** 3

ENG 3508 - Rhetoric of Humor: Parody, Satire, and Comedy **Credits:** 3

ENG 3513 - Race Talk **Credits:** 3

Professional Writing: 3 credits

Select one or more of the following courses, for 3 credit hours total:

ENG 3506 - Academic Editing and Composing **Credits:** 3

ENG 3507 - Writing Reviews and Criticism **Credits:** 3

ENG 3525 - Scholarly Writing **Credits:** 3

ENG 3526 - Writing in the Sciences **Credits:** 3

ENG 3527 - Professional Writing **Credits:** 3

ENG 3535 - Essentials of Grant Writing **Credits:** 3

ENG 3673 - Future Applications of Writing Tutoring Skills **Credits:** 1

Professional Writing and Rhetoric Electives: 6 credits

Select two or more of the following courses, for 6 credit hours total:

ENG 2505 - Rhetoric of War **Credits:** 3

ENG 2512 - The Rhetoric of Social Media **Credits:** 3

ENG 2513 - Disability Rhetorics **Credits:** 3

ENG 3501 - Studies in Rhetoric and Writing: Style **Credits:** 3

ENG 3503 - Rhetoric and Visual Literacy **Credits:** 3

ENG 3505 - Concepts of Authorship **Credits:** 3

ENG 3506 - Academic Editing and Composing **Credits:** 3

ENG 3507 - Writing Reviews and Criticism **Credits:** 3

ENG 3508 - Rhetoric of Humor: Parody, Satire, and Comedy **Credits:** 3

ENG 3510 - Composition Studies: Theories and Practice **Credits:** 3

ENG 3520 - Research Methods in Rhetoric and Composition **Credits:** 3

ENG 3525 - Scholarly Writing **Credits:** 3

ENG 3526 - Writing in the Sciences **Credits:** 3

ENG 3527 - Professional Writing **Credits:** 3

ENG 3535 - Essentials of Grant Writing **Credits:** 3

ENG 3670 - Social Change and Writing Centers **Credits:** 3

ENG 3671 - Writing Tutoring **Credits:** 1

ENG 3672 - Research in Writing Centers **Credits:** 1

ENG 3673 - Future Applications of Writing Tutoring Skills **Credits:** 1

Additional Electives: 6 credits

Select any ENG or LING course, 2000-level or above, for a total of 6 credit hours.

Senior Experience: 3 credits

ENG 4540 - Professional Writing and Rhetoric Capstone **Credits:** 3

Secondary English Teacher Licensure Concentration:

Please visit the English Major, B.A. with Secondary English Teacher Licensure Concentration program page for the details of this concentration

Summary of Requirements

General Studies Requirements	33 credits
ESSJ Requirement	0-3 credits
Major Core Requirements	15 credits
Selected Concentration	27-30 credits
Senior Experience	counted in concentration
Minor and Unrestricted Electives	39-51 credits
Total for the English Major, B.A.	**120 credits**
Note: Secondary Education Licensure Totals on that program page	

Required courses for the major may also count for General Studies and ESSJ requirements, so the total credits listed may be greater than the number required to complete the degree. Therefore, it is important that you work with your advisor to make sure you are meeting requirements for your degree.

School of Hospitality

Bar, Tap, and Tasting Room Manager Certificate

The Bar, Tap, and Tasting Room Manager Certificate program provides an industry-relevant certificate of completion that demonstrates student completion of a broad range of financial and operational management courses. Students engage in the marketing, talent management, financial analysis, leadership, and legal requirements for a successful bar and beverage manager. The bar, tap, and tasting room industry remains one of the largest revenue generating sectors in the hospitality industry within Colorado, as well as in our national and global beverage production, sales, and service businesses.

The world-class facilities at MSU Denver, and the School of Hospitality include the Degree Restaurant and Bar, Tivoli Brewery and Tap House, Beverage Analytic Laboratory, Powered by Siebel, the Springhill Suites Downtown, Sensory Analysis Lab, Culinary Demonstration Theater, Food Laboratories, Wine Cellar Laboratory, Pilot Brewery, Fermentation Laboratory, and state of the art multi-media classrooms. The Bar, Tap, and Tasting Room Manager Certificate program assists non-degree and degree-seeking students in creating a pathway to a managerial career in the field. The Beverage Scholar Certificate is a required pre-requisite to the Bar, Tap, and Tasting Room Manager Certificate. A minimum passing grade of "C" or higher is required for all courses within the Bar, Tap, and Tasting Room Manager Certificate program.

- **Bar, Tap and Tasting Room Manager Certificate Required Core**

Core Courses within the Bar and Beverage Manager Certificate

- BVG 3950 Product and Service Promotion for Hospitality **Credits:** 3
- HLDR 3250 Managerial Accounting for Hospitality **Credits:** 3
- HLDR 3600 Organizational Leadership for Hospitality **Credits:** 3
- HLDR 4000 Cost Control for Hospitality and Tourism **Credits:** 3
- HLDR 2200 Quality Service Leadership **Credits:** 3

- **Bar, Tap, and Tasting Room Manager Certificate Electives**

Choose two of the following elective courses:

- BVG 3220 Beer and Food **Credits:** 3
- BVG 4633 Wine and Food **Credits:** 3
- BVG 3683 Beer and Spirits **Credits:** 3
- BVG 1910 Introduction to Homebrewing and Fermentation **Credits:** 3
- BVG 4950 Enology: The Making of Wine **Credits:** 3

- **Total Credits: 21**

Beverage Scholar Certificate

The Beverage Scholar Certificate program provides an industry-relevant certificate of completion that demonstrates student completion of a broad range of appreciation, production, and service of beverage courses in both alcoholic and non-alcoholic beverages, including, but not limited to, coffee, tea, beer, wine, spirits, kombucha, water, soju, sake, vermouths, bitters, and more. Students engage in their awareness of beverage styles and service through the process of sensory analysis, evaluation of beverage taste components, and measures of quality. The common industries that value beverage certifications include bars, restaurants, liquor stores, markets, tasting rooms, beverage producers, distributors, and education programs. The Beverage Scholar

Certificate provides a strong foundation of beverage styles and service. It is the prerequisite program to the Bar, Tap, and Tasting Room Manager Certificate program, where students broaden their managerial skillset in the beverage industry. A minimum passing grade of "C" is required for all courses within the certificate. All courses in the Beverage Scholar Certificate are required, with no additional electives.

The School of Hospitality has existing partnerships with beverage organizations that provide credentials available to students, including, The Society of Wine Educators, National Restaurant Association, Cicerone, Master Brewers Association, and more. The world-class facilities at MSU Denver, and the School of Hospitality include the Degree Restaurant and Bar, Tivoli Brewery and Tap House, Beverage Analytics Laboratory, Powered by Siebel, the Springhill Suites Downtown, Sensory Analysis Lab, Culinary Demonstration Theater, Food Laboratories, Wine Cellar Laboratory, Pilot Brewery, Fermentation Laboratory, and state of the art multi-media classrooms.

- **Beverage Scholar Certificate Core**

Required courses in the Beverage Scholar Certificate

  - BVG 3010 Beers of the World **Credits:** 3
  - BVG 3613 Wine Fundamentals **Credits:** 3
  - BVG 3685 Spirits and Mixology **Credits:** 3
  - BVG 4010 Beer Styles and Service **Credits:** 3
  - BVG 4613 Wines of the Old World **Credits:** 3
  - BVG 4623 Wines of the New World **Credits:** 3

- **Total Credits: 18**

Culinary Arts Certificate

The Culinary Arts Certificate at Metropolitan State University of Denver provides advanced knowledge and skills needed to succeed personally and professionally in the kitchen. This certificate gives the student a career advantage in all aspects of food service, including, healthcare, restaurants and school nutrition. Students complete 18 credit hours in classes related to food production and culinary arts.

Students must be accepted to the University and take courses for credit. The cost of the program is the same as undergraduate tuition for degree-seeking students. Students with similar courses in their prior experience may request that courses be transferred to meet part of the certificate requirements.

Admission and Graduation Requirements

This certificate program is open to all undergraduate, degree-seeking students and to non-degree seeking students. To be awarded the program certificate, the student must meet the following requirements:

- Review the certificate program plan with an advisor prior to or after enrollment.
- Earn at least a "C" or better in each of the certificate courses.
- No more than 40% of required courses can be fulfilled through transfer credits. At least 60% of required courses in the certificate must be completed at MSU Denver.

Advising and Contact Information

Individuals interested in this certificate program should contact the Academic Advisor at the School of Hospitality at 303-615-1616 or schoolofhospitality@msudenver.edu to schedule an appointment for an advising session.

- **Required Courses**

A total of 18 credit hours is required for this certificate. All courses must be completed with a with a grade of "C" or better.

- RST 1200 Basic Cooking Skills **Credits:** 3
- RST 2500 Basic Baking Skills **Credits:** 3

- **Electives**

In addition to the two required courses, students must complete 12 hours of electives, chosen from the list below.

- BVG 3220 Beer and Food **Credits:** 3
- UA 3905 Farm to Table Sustainability **Credits:** 3
- BVG 4633 Wine and Food **Credits:** 3
- RST 3540 Baking and Pastry **Credits:** 3
- RST 3550 Food Production and Service **Credits:** 3
- RST 3875 Food Preservation Techniques **Credits:** 3
- RST 3920 Plant-based Cooking **Credits:** 3
- UA 2735 Urban Vegetable Farming **Credits:** 3
- RST 3530 Healthy International Cooking **Credits:** 3
- RST 2550 Food Preparation and Science **Credits:** 3

Total: 18 credits

Course Descriptions (Undergraduate)

M=Course Modification   N=New Course   C=Conversion to Regular Course

(N) AES 1010- Introduction to Aviation and Aerospace Operations
Credits: 4
Description: The student is introduced to essential aviation and aerospace industry operations and related systems used within or by airports, space ports, airlines, air traffic control and weather observation and reporting services. General meteorology and weather-related issues that affect airport, space port, airline, and air traffic control operations will also be examined.

(M) AES 1100- Aviation Fundamentals
Credits: 4
Corequisite(s): ~~AES 1400~~
Description: ~~This course presents~~ The student is introduced to the fundamentals of aviation ~~for the beginning student~~ which includes a study of the airplane and its components, aerodynamics, basic aircraft systems, the airport environment, air-traffic control procedures, Federal Aviation Regulations, the basic elements of air navigation including radio navigation, and a review of aviation weather. It prepares the student for the Federal Aviation Administration (FAA) Private Pilot Knowledge examination.
Note: This course is restricted to those students seeking FAA flight certification at the Private Pilot level within the Professional Flight Officer Concentration, and those students within the Air Traffic Control Concentration.

(M) AES 1400- Aviation Weather
Credits: 3
Corequisite(s): ~~AES 1100 or permission of instructor~~
Description: ~~This course develops~~ The student will be introduced to basic meteorological concepts that apply to aviation. The emphasis is on the use of National Weather Service reports and forecasts to evaluate flight conditions. ~~The course also prepares students~~ Preparation is provided to the student for the weather section of the FAA Private Pilot Knowledge examination.

(M) BVG 3500 - ~~Bar and Beverage Operations~~ Hospitality Entrepreneurship
Credits: 3
Description: ~~This course is an exploration of bar and beverage operations and how it affects all facets of the hospitality industry. Students develop an awareness of beverage styles through taste appraisal of water, coffee, tea, wine, beer, spirits, sake, ciders and emerging beverage styles. An awareness of beverage operations develops through review of beverage service styles, themes, and design to determine the requirements to equip, staff, manage, and market beverage operations.~~ Hospitality Entrepreneurship is designed to equip students with the essential knowledge and skills to develop and manage successful entrepreneurial ventures within the hospitality industry. The course covers key areas such as opportunity identification, business planning, marketing strategies, financial management, operations, and customer service. Students engage in case studies, group projects, and simulations to apply theoretical concepts and develop a comprehensive understanding of the entrepreneurial process in the context of the hospitality sector.

(N) BVG 3685- Spirits and Mixology
Credits: 3
Prerequisite(s): Students must be 21 years of age
Description: Students in this course investigate the primary fermentation and distillation stages for the production of a variety of spirit styles. The process of spirit production is introduced relevant to the historical and modern production techniques, and recognized styles. Students apply their awareness of spirit styles to the sensory evaluation of spirits to map how the aspects of the spirit ingredients, production, and aging effect the quality of the taste experience. With an

improved awareness of spirit styles, students practice the mixology and service of spirit cocktails. Service practice includes the tools, techniques, and means of service for a quality guest experience.

(M) BVG 3950 - ~~Beverage Promotion~~ Product and Service Promotion for Hospitality
Credits: 3
Description: ~~Students are introduced to the principles of selling and brand marketing of beverage products. Students focus on relationship building, communication and sales promotion in the context of a wide range of alcoholic and nonalcoholic beverages. Students develop an understanding of brand identity and strategies to communicate corporate vision and product value to customers.~~ The Product and Service Promotion for Hospitality course is designed to provide students with a comprehensive understanding of the strategies and tactics used in promoting hospitality products and services in a rapidly changing market. This course will delve into various aspects of promotion, including pricing strategies, merchandising techniques, customer relationship management, promotional campaigns, and the impact of emerging trends and technologies on hospitality sales and marketing.

Through a combination of lectures, case studies, group projects, and practical exercises, students will learn how to create and implement innovative promotional strategies that cater to evolving consumer preferences and the competitive landscape of the hospitality industry. This course will prepare students to become future leaders in the hospitality sector, with the ability to effectively promote hospitality products and services, foster customer loyalty, and adapt to the ever-changing dynamics of the industry.

(N) CHE 3990 - Teaching Assistant in Chemistry and Biochemistry
Credits: 1-3
Prerequisite(s): Department approval required for registration.
Description: Teaching assistants participate in classroom/laboratory activities to support student learning in a Chemistry & Biochemistry course under the direct supervision of an instructor. Students must have successfully completed the course for which they will TA and they must be approved for the TA role by a professor who teaches that course.

(N) CIS 3360 - Advanced Machine Learning for Business
Credits: 3
Prerequisite(s): CIS 3350
Description: The course covers a variety of Machine Learning concepts including advanced algorithms such as Neural Networks (used for deep learning) and Support Vector Machines. It covers the theory, technical background and coding skills required to build, evaluate, optimize and use a model for prediction. The delivery is practice oriented, with several practical assignments and reports where students can put the learnt material to use.

(N) CIS 4070 - Application of AI in Business
Credits: 3
Prerequisite(s): CIS 3350, CIS 3460
Corequisite(s): CIS 4370
Description: The course focuses on bringing together the topics covered for Business Intelligence majors. The emphasis of the course is developing Machine Learning projects for businesses from start to finish. Students have to identify business questions that need to be answered, link the business problem with strategy, determine which business metrics to use for evaluation, create a Machine Learning pipeline, run a model, evaluate the results and make actionable recommendations based on their findings.

(M) CPE 1040 - Introduction to Computer Engineering
Credits: 3
Prerequisite(s): Minimum performance standard score on math placement test
Description: This course is an introductory engineering course exposing students to a cross section of topics in computer engineering discipline to assist them with their education career choices. Students are taught to work in teams, introduced to the design process, utilize math and computer programs to analyze raw data and properly display their results in a presentation to their peers. The history of the engineering profession and its relation to current national, social, industrial, ethical, and international issues and problems will be discussed.

(M) ENG 3521 - Poetry Writing Workshop
Credits: 3
Prerequisite(s): ~~ENG 2000 or ENG 2100, and ENG 2500, or permission of instructor~~ ENG 2500 or permission of instructor
Description: Students in this writing workshop will be introduced to the major conventions of poetry writing while writing their own poems. Students will practice generating, drafting, editing, polishing, and revising each poem. The class will include peer workshops and poetry readings.

(M) ENG 3522 - Fiction Writing Workshop
Credits: 3
Prerequisite(s): ~~ENG 2000 or ENG 2100, and ENG 2500, or permission of instructor~~ ENG 2500 or permission of instructor
Description: Students will learn, develop, and practice fiction writing. Writing assignments will focus on the development of plot, character, theme, setting, and voice. The course will focus not only on the craft necessary to develop a marketable narrative, but also on the tools needed to build a challenging and supportive workshop environment.

(M) ENG 3524 - Creative Nonfiction Writing Workshop
Credits: 3
Prerequisite(s): ~~ENG 2000 or ENG 2100, and ENG 2500, or permission of instructor~~ ENG 2500 or permission of instructor
Description: This class includes the study and writing of creative nonfiction and its subgenres, e.g., literary memoir, personal essay, literary journalism, nature writing, and literary travel writing, through group discussions and supervised workshops, developing their writing processes. Students in this writing workshop will be introduced to the major conventions of creative nonfiction while writing their own pieces and participating in peer workshops.

(M) ENG 3810 - Creative Writing Journal
Credits: 2
Prerequisite(s): ~~ENG 2500 and ENG 3521 or ENG 3522 or ENG 3523 or permission of instructor~~ ENG 2500 or permission of instructor
Description: Students in this course participate in every aspect of the conception, development, and publication of a volume of The MSU Roadrunner Review, an online literary journal, focused on showcasing creative work, such as fiction, poetry, and creative nonfiction. As a collaborative unit, students create the identity of the volume; develop appropriate guidelines and criteria associated with a call for creative submissions; invite submissions; review those submissions; respond to those submissions; offer editorial input on accepted and/or provisionally accepted creative materials; finalize the order of presentation for accepted work; and, finally, launch an edition of the journal.

(M) EVE 3320 - Environmental Impact Statements in Engineering
Credits: 3
Prerequisite(s): Junior standing or permission of instructor
Description: In this course students will study the physical and legal requirements of the environmental impact statement process. Students will research and document case studies on environmental impacts ~~statement~~. Students will also address the role of engineering in the assessment of solutions to environmental issues including the roles of risk, uncertainty, and sustainability on alternative solutions.

(M) EVE 4200 - Environmental Policy in Engineering
Credits: 3
Prerequisite(s): ENV 1200 and completion of General Studies
Description: This course provides an overview of environmental policy ~~related to environmental engineering~~ and major environmental laws in the U.S. The major statutes are analyzed in terms of purpose, scope, implementation, compliance requirements, and impact on land use. ~~Students~~This course will ~~review applicable case law~~also provide discussions on the role of risk, sustainability, and ~~case studies as they apply~~uncertainty associated with legislative solutions to ~~current engineering practices~~ address environmental impacts and concerns. Case studies are examined in a planning context.

(M) GWS 3280 – Queer Theory
Credits: 3
Prerequisite(s): GWS 1001 or GWS 1200 or GWS 1550
Description: This course surveys a broad array of scholarship in queer theory, as well as applications of queer theory in a variety of academic fields to explore practices, identities, and communities as well as the cultural construction of gender and sexuality. In this course, students survey a broad array of scholarship in queer theory, as well as applications of queer theory to explore the ways individuals, groups and communities form and resist norms. Ultimately, students analyze a variety of issues such as sexuality and gender, race and nation, medical and carceral practices, trans studies, disability studies, and decolonial practices, using queer theories.
Note: Credit will be granted for only one prefix: GWS or SOC.
Cross Listed Course(s): SOC 3280

(N) HLDR 2140 - Cannabis in the Global Economy
Credits: 3
Description: This course examines the emergence, growth, and impact of the cannabis industry in the global economy. It offers a comprehensive exploration of the historical, legal, and cultural contexts of cannabis production, distribution, and consumption. Through a combination of lectures, discussions, case studies, and guest speakers, students will gain a deep understanding of the opportunities and challenges facing the global cannabis market and the intersection with hospitality. This course is designed for students interested in pursuing careers in the cannabis industry and those looking to broaden their knowledge of this rapidly expanding sector.

(N) HLDR 2201 - Intoxication and Responsible Vending in Hospitality
Credits: 3
Description: Students in this course review the pervasive problem of addiction to alcohol, cannabis, and other drugs produced, served, and sold in hospitality settings. Student awareness begins with an understanding of how prevalent the problem of substance abuse and misuse occurs within the hospitality industry. By understanding the addictive nature of controlled substances, students become aware of the signs of intoxication, and misuse in the workplace. Activities and discussions center upon the methods of recognizing the signs of intoxication, and how to employ State and Federally required preventative and corrective actions to reduce the risk of harm to hospitality guests, employees, and the communities we serve.

(N) HLDR 3420 - Laws and Regulation in the Cannabis Industry
Credits: 3
Description: The local, state, and federal regulation of a cannabis business is a vital aspect of a cannabis business startup, license requirements, and operational policy development. Students in this course investigate the regulations and laws that both monitor and control the cannabis industry. Through discussion and critical reflection, students gain an understanding of the complex regulatory requirements and operational hurdles that cannabis businesses encounter.

(N) HLDR 4340 - Hospitality Industry Analytics
Credits: 3
Description: Hospitality Industry Analytics is designed for hospitality students who seek to develop a strong foundation in data analysis and its applications within the hospitality sector. This course will introduce students to the principles of data analytics, including data collection, data visualization, and introductory statistical analysis, and how these principles can be applied to improve various aspects of hospitality operations such as revenue management, customer experience, and operational efficiency.

(M) ITP 2700 - Holistic Dimensions of Wellness
Credits: 3
Prerequisite(s): ENG 1020 or ENG 1021
Description: This course is designed to allow students the opportunity to explore health from a holistic perspective, which is a complex combination of mind, body, spirit and emotions. includes seven dimensions of wellness (Spiritual, Physical, Mental, Financial, Social, Environmental, and Vocational).

(M) MKT 3350 - Social Selling
Credits: 3
Prerequisite(s): ~~MKT3250~~ At least junior standing
Description: Social Selling is a key resource for sales and marketing professionals seeking a better way to connect with today's customer where they're conducting due diligence - online. This course will show students how to capture the mindshare of business leadership and turn relationships into sales. Students will learn the online techniques used to be seen as a helpful resource that can guide the buyer toward their ideal solution. This course will provide essential guidance on selling to the modern buyer.

(M) NUR 3400 - Evidence Based Practice Through Nursing Research
Credits: 3
Prerequisite(s): ~~NUR 3160, NUR 3770, NUR 3810~~ NUR 3120
Prerequisite(s) or Corequisite(s): ~~NUR 4040~~
Description: This course introduces the student to the Evidence-Based Practice (EBP) research process. The knowledge and competence needed to critique published research are explored. Students learn how to use research in support of their EBP. Course content aligns with the Magnet/Pathway to Excellence concepts including Empirical Outcomes, Exemplary Professional Practice, New Knowledge, Innovations, and Improvements, and QSEN Competencies of EBP and Patient-Centered Care. Ethical and legal considerations are also discussed. Qualitative and quantitative research processes are examined. Students complete a literature search using appropriate databases on a researchable problem and communicate findings. Emphasis is placed on the improvement of nursing practice through reading, using, and participating in research.

(C) RST 2420 - Cannabis in the Kitchen
Credits: 3
Description: Students in this course develop an in-depth understanding of the preparation, dosing, and portioning of cannabidiol (CBD) in commercially viable foods. The course will cover the various ways CBD is consumed, the multiple applications of CBD in food preparation, and the commercial uses of both hemp and cannabis plants in food production. Students will engage in hands-on learning activities to develop their skills in dosing and portioning of CBD extract in food products.

(M) RTM 2000 - Commercial ~~Recreation and Tourism~~ Development
Credits: 3
Description: ~~Students in the course will be introduced to concepts related Students in this to the planning, development, and managing of recreation and tourism businesses. The course analyzes such topics as managing an enterprise, resources, place-based considerations, risks, marketing, and operations management.~~ Students in this course will be comprehensively introduced to the planning, development, and management of sustainable recreation, tourism, and hospitality businesses. Emphasizing the importance of social entrepreneurship, corporate social responsibility, business for good, ethics, and community development, students will gain insights into the critical aspects of managing an enterprise, resource allocation, place-based considerations, risk mitigation, marketing, and operations management.

(M) ~~TTM~~ RTM 3000 - Sustainable Tourism and Recreation
Credits: 3
Description: ~~This course examines the opportunities and challenges of maximizing positive impacts on cultures, environments, and economies while minimizing and mitigating negative impacts of tourism and recreation activities. The course features worldwide case studies and provides a deep analysis of land and leisure, environmental stewardship, industry interrupters, responsible development, ethics, and human diversity.~~ This course explores the opportunities and challenges of creating sustainable tourism and recreation experiences that positively impact cultures, environments, and economies while minimizing and mitigating negative consequences. Students will analyze land and leisure, environmental stewardship, responsible development, and human diversity in the context of sustainable tourism and recreation.

(M) RTM 4000 - ~~Recreation and Tourism Policy and Planning~~ Destination Development
Credits: 3
Description: ~~This course prepares students to develop effective recreation and tourism programs in diverse settings, including urban, public, private, and volunteer agencies. The course examines contemporary issues related to economics~~

~~and policy in local and global recreation and tourism industry.~~ This course prepares students for successfully planning, managing, and promoting sustainable recreation and tourism destinations. The course delves into integrating sustainability principles in destination management, marketing, and planning across diverse settings, such as urban, public, private, and volunteer agencies. Students will also explore contemporary issues related to economics and policy in both local and global contexts within the recreation and tourism industry.

(M) ~~TTM~~ RTM 4100 - Adventure Travel
Credits: 3
Description: This course prepares students with professional knowledge of the central theories and practices related to adventure travel. Students develop a comprehensive knowledge related to risk management strategies, business operations, and the environmental and sociological impacts of adventure in modern society. The course covers topics such as the role of adventure in society, the adventure planning process from a business operations perspective, the relationship between adventure and the environment, risk management, and various adventure subsectors.

Course Descriptions (Graduate)

(M) ACCM 5901 - Risk Assurance and Advisory Engagements
Credits: 3
Prerequisite(s): ACC 3520 or ACCM 5020 or ACCM 5050 or ACCM 5100 or MBA 5102 or MBA 5105 or MBA 5110
Description: This course focuses on the practical application of assurance and advisory theory. MSU Denver's Risk Assurance and Advisory function is student run with student teams completing an assurance or advisory engagement in an important University department or process under close faculty supervision and senior management support. During this course, students will gain experience in risk identification and prioritization, control evaluation and reporting results in written and oral forms. Students will navigate the operational, financial, technological, and/or cultural factors impacting risk and control-related business decisions. Student teams present governance, risk and compliance improvement recommendations to University Senior Management ~~and the Finance Committee of~~ or the Board of Trustees.
Note: *Credit will be granted for only one prefix: ACCM or MBA*
Crosslisted: MBA 5190

(M) CYBM 5002 - Theories of Cybercrime
Credits: 3
Prerequisite(s): CYBM 5000 ~~and CYBM 5001 each~~ with a grade of C or better
Description: Students in this course will explore the theoretical causes of cybercrime at the graduate student level. They will analyze key criminological theories as they pertain to hacking, piracy, theft, and harassment carried out through the Internet. The characteristics of criminal behavior will be examined using empirical evidence in order to theoretically explain the central causes of Internet crimes.