Bulletin Contents

• 2021-2022 University Bulletin
  • 4 Year Plan of Study
  • Academic Integrity
  • Academic Programs
  • Archives
  • Bulletin Contents (p. 1)
• College of Arts and Sciences
  • Anthropology Programs
  • Art and Design
  • Biochemistry and Biotechnology
  • Biology
  • Chemistry and Biochemistry
  • Communication and Media
  • Computer Science
  • Criminology and Criminal Justice
  • Economics
  • English
  • History
  • Interdisciplinary Programs
  • Language and Cultural Studies
  • Mathematics and Statistics
  • Music
  • Philosophy
  • Physics and Astronomy
  • Political Science
  • Pre-professional Programs
  • Psychological Sciences
  • ROTC
  • Sociology
• College of Business Administration
  • Accounting
  • Finance and Legal Studies
  • Global Leadership and Management
  • Information Systems and Technology
  • Marketing and Entrepreneurship
  • Supply Chain and Analytics
• College of Education
  • Education Sciences and Professional Programs
  • Educator Preparation and Leadership
• College of Nursing
• College of Optometry
• Confidentiality Policies
• Courses of Instruction
  • Accounting
  • Adult Education
  • Air Science
  • Anthropology
  • Applied Music
  • Arabic
  • Art Education
• Art History
• Astronomy
• Atmospheric Science
• Biology
• Business Administration
• Center International Studies
• Chemistry
• Child Advocacy Studies
• Chinese
• Communication
• Computer Science
• Counselor Education
• Criminology & Criminal Justice
• Early Childhood Education
• Economics
• Education
• Educational Administration
• Educational Foundations
• Educational Psychology
• Educational Research And Evaluation Method
• Educational Technology
• Elementary Education
• Engineering
• English
• English for Academic Purposes
• Ensemble Performance
• Entrepreneurship
• Finance
• Foreign Language-Other
• French
• Gender Studies
• Geography
• Geology
• German
• Gerontology
• Health and Physical Education
• Higher Education
• History
• Honors
• Information Systems
• Interdisciplinary Courses
• International Business
• Japanese
• Joint Civil Engineering
• Joint Computer Science
• Joint Electrical Engineering
• Joint Engineering Mathematics
• Joint Mechanical Engineering
• Management
• Marketing
• Mathematics
• Media Studies
• Middle Education
• Military and Veterans Studies
• Military Science
• Music Education
• Music History
• Music: Pedagogy
• Music: Practicum
• Nursing
• Optometry
• Philosophy
• Physical Education
• Physics
• Political Science
• Public Policy Administration
• Secondary Education
• Social Work
• Sociology
• Spanish
• Special Education
• Sport Management
• Studio Art
• Supply Chain and Analytics
• Teacher Education
• Theatre
• Theory and Composition
• General Education Requirements
  • Missouri Core 42
  • UMSL Core and Explore
• Graduate Study
• International Studies and Programs
• Internship and Cooperative Education Positions
• Learning Outcomes
• Missouri Score Card
• Pierre Laclede Honors College
• Programs A-Z
  • Accounting BS
  • Accounting BS/MAcc Dual Degree Program
  • Accounting Data Analytics Graduate Certificate
  • Accounting Data Security Graduate Certificate
  • Accounting MAcc
  • Accounting Minor
  • Accounting Post Baccalaureate Undergraduate Certificate
  • ACP Instructional Communication Graduate Certificate
  • Actuarial Science BS
  • Actuarial Studies Undergraduate Certificate
  • Acute Care Pediatric Nurse Practitioner Post-Graduate Certificate
  • Adult and Higher Education MEd, Adult Education Emphasis
  • Adult and Higher Education MEd, Higher Education Emphasis
  • Adult-Geriatric Nurse Practitioner Post-Graduate Certificate
  • Advanced Nursing Practice with Educator Functional Role Post-Graduate Certificate
  • African/African American Studies Minor
  • American Politics Minor
  • American Studies Minor
  • Anthropology BA
  • Anthropology Minor
  • Applied Behavior Analysis Graduate Certificate
  • Applied Behavior Analysis MS
  • Applied Econometrics and Data Analysis Undergraduate Certificate
  • Applied Psychology of Child Advocacy Studies BA
  • Artificial Intelligence Graduate Certificate
  • Artificial Intelligence Undergraduate Certificate
  • Athletic Coaching Minor
  • Auditing Graduate Certificate
  • Autism Studies Graduate Certificate
  • Biochemistry and Biotechnology BS
  • Biochemistry and Biotechnology BS/MS Dual Degree Program
  • Biochemistry and Biotechnology MS
  • Biochemistry and Biotechnology MS, Professional Emphasis
  • Biochemistry Graduate Certificate
  • Biology BA
  • Biology BS
  • Biology BS/MS Dual Degree Program
  • Biology Minor
  • Biology MS
  • Biology MS, Cellular and Molecular Biology Emphasis
  • Biology MS, Ecology Evolution and Systematics Emphasis
  • Biology MS, Professional Science in Cellular and Molecular Biology Emphasis
  • Biology PhD, Cell and Molecular Biology Emphasis
  • Biology PhD, Ecology, Evolution and Systematics Emphasis
  • Biotechnology Graduate Certificate
  • Business Administration BS
  • Business Administration BS, Entrepreneurship Emphasis
  • Business Administration BS, Finance Emphasis
  • Business Administration BS, Information Systems and Technology Emphasis
  • Business Administration BS, International Business Emphasis
  • Business Administration BS, Management Emphasis
  • Business Administration BS, Marketing Emphasis
  • Business Administration BS, Supply Chain Management Emphasis
  • Business Administration BSBA/MBA Dual Degree Program
  • Business Administration Graduate Certificate
  • Business Administration MBA
  • Business Administration MBA, Accounting Emphasis
  • Business Administration MBA, Business Analytics Emphasis
  • Business Administration MBA, Cybersecurity Emphasis
  • Business Administration MBA, Finance Emphasis
  • Business Administration MBA, Information Systems Emphasis
  • Business Administration MBA, International Business Emphasis
  • Business Administration MBA, International Program
<table>
<thead>
<tr>
<th>Program</th>
<th>Emphasis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Administration MBA, Management Emphasis</td>
<td></td>
</tr>
<tr>
<td>Business Administration MBA, Marketing Emphasis</td>
<td></td>
</tr>
<tr>
<td>Business Administration MBA, Professional Program</td>
<td></td>
</tr>
<tr>
<td>Business Administration MBA, Supply Chain Management Emphasis</td>
<td></td>
</tr>
<tr>
<td>Business Administration Minor</td>
<td></td>
</tr>
<tr>
<td>Business Intelligence Graduate Certificate</td>
<td></td>
</tr>
<tr>
<td>Business PhD, Logistics and Supply Chain Management Emphasis</td>
<td></td>
</tr>
<tr>
<td>Character and Citizenship Education Graduate Certificate</td>
<td></td>
</tr>
<tr>
<td>Chemistry BA</td>
<td></td>
</tr>
<tr>
<td>Chemistry BS</td>
<td></td>
</tr>
<tr>
<td>Chemistry Minor</td>
<td></td>
</tr>
<tr>
<td>Chemistry MS, Professional Science Emphasis</td>
<td></td>
</tr>
<tr>
<td>Chemistry PhD</td>
<td></td>
</tr>
<tr>
<td>Child Advocacy Studies Minor</td>
<td></td>
</tr>
<tr>
<td>Child Advocacy Studies Undergraduate Certificate</td>
<td></td>
</tr>
<tr>
<td>Civil Engineering BSCIE</td>
<td></td>
</tr>
<tr>
<td>Civil Engineering Minor</td>
<td></td>
</tr>
<tr>
<td>Communication BA</td>
<td></td>
</tr>
<tr>
<td>Communication BA, Applied Visual Communication Emphasis</td>
<td></td>
</tr>
<tr>
<td>Communication BA, Interpersonal Communication Emphasis</td>
<td></td>
</tr>
<tr>
<td>Communication BA, Mass Communication Emphasis</td>
<td></td>
</tr>
<tr>
<td>Communication BA, Strategic Communication Emphasis</td>
<td></td>
</tr>
<tr>
<td>Communication BA/MA Dual Degree Program</td>
<td></td>
</tr>
<tr>
<td>Communication MA</td>
<td></td>
</tr>
<tr>
<td>Communication Minor</td>
<td></td>
</tr>
<tr>
<td>Community College Leadership Graduate Certificate</td>
<td></td>
</tr>
<tr>
<td>Computer Programming Education Undergraduate Certificate</td>
<td></td>
</tr>
<tr>
<td>Computer Programming Undergraduate Certificate</td>
<td></td>
</tr>
<tr>
<td>Computer Science BS</td>
<td></td>
</tr>
<tr>
<td>Computer Science BS/MS Dual Degree Program</td>
<td></td>
</tr>
<tr>
<td>Computer Science Minor</td>
<td></td>
</tr>
<tr>
<td>Computer Science MS</td>
<td></td>
</tr>
<tr>
<td>Computing Technology BS</td>
<td></td>
</tr>
<tr>
<td>Corporate Controllership Graduate Certificate</td>
<td></td>
</tr>
<tr>
<td>Corporate Financial Reporting Graduate Certificate</td>
<td></td>
</tr>
<tr>
<td>Counseling MEd, Clinical Mental Health Emphasis</td>
<td></td>
</tr>
<tr>
<td>Counseling MEd, School Counseling Emphasis</td>
<td></td>
</tr>
<tr>
<td>Couple, Marriage and Family Counseling Graduate Certificate</td>
<td></td>
</tr>
<tr>
<td>Creative Writing MFA</td>
<td></td>
</tr>
<tr>
<td>Creative Writing Undergraduate Certificate</td>
<td></td>
</tr>
<tr>
<td>Criminology and Criminal Justice BS</td>
<td></td>
</tr>
<tr>
<td>Criminology and Criminal Justice BS/MA Dual Degree Program</td>
<td></td>
</tr>
<tr>
<td>Criminology and Criminal Justice MA</td>
<td></td>
</tr>
<tr>
<td>Criminology and Criminal Justice Minor</td>
<td></td>
</tr>
<tr>
<td>Criminology and Criminal Justice PhD</td>
<td></td>
</tr>
<tr>
<td>Cybersecurity BS, Computer Science Emphasis</td>
<td></td>
</tr>
<tr>
<td>Cybersecurity BS, Information Systems Emphasis</td>
<td></td>
</tr>
<tr>
<td>Cybersecurity Graduate Certificate</td>
<td></td>
</tr>
<tr>
<td>Cybersecurity Minor</td>
<td></td>
</tr>
<tr>
<td>Cybersecurity MS, Computer Science Emphasis</td>
<td></td>
</tr>
<tr>
<td>Cybersecurity MS, Information Systems Emphasis</td>
<td></td>
</tr>
<tr>
<td>Cybersecurity Undergraduate Certificate</td>
<td></td>
</tr>
<tr>
<td>Data Science and Analysis BS, Biology Emphasis</td>
<td></td>
</tr>
<tr>
<td>Data Science and Analysis BS, Computer Science Emphasis</td>
<td></td>
</tr>
<tr>
<td>Data Science and Analysis BS, Economics Emphasis</td>
<td></td>
</tr>
<tr>
<td>Data Science and Analysis BS, Mathematics Emphasis</td>
<td></td>
</tr>
<tr>
<td>Data Science and Analysis BS, Social Science Emphasis</td>
<td></td>
</tr>
<tr>
<td>Data Science and Analysis BS, Supply Chain Analytics Emphasis</td>
<td></td>
</tr>
<tr>
<td>Data Science Graduate Certificate</td>
<td></td>
</tr>
<tr>
<td>Data Science Undergraduate Certificate</td>
<td></td>
</tr>
<tr>
<td>Digital and Social Media Marketing Graduate Certificate</td>
<td></td>
</tr>
<tr>
<td>Digital Marketing Communications Minor</td>
<td></td>
</tr>
<tr>
<td>Doctor of Business Administration (DBA)</td>
<td></td>
</tr>
<tr>
<td>Doctor of Education (Ed.D.)</td>
<td></td>
</tr>
<tr>
<td>Early Childhood Education BSEd</td>
<td></td>
</tr>
<tr>
<td>Early Childhood Education BSEd, Special Education Emphasis</td>
<td></td>
</tr>
<tr>
<td>Economics BA</td>
<td></td>
</tr>
<tr>
<td>Economics BS</td>
<td></td>
</tr>
<tr>
<td>Economics BS/MA Dual Degree Program</td>
<td></td>
</tr>
<tr>
<td>Economics MA</td>
<td></td>
</tr>
<tr>
<td>Economics MA, Business Economics Emphasis</td>
<td></td>
</tr>
<tr>
<td>Economics Minor</td>
<td></td>
</tr>
<tr>
<td>Education Administration EdS</td>
<td></td>
</tr>
<tr>
<td>Education Minor</td>
<td></td>
</tr>
<tr>
<td>Education PhD, Counseling Emphasis</td>
<td></td>
</tr>
<tr>
<td>Education PhD, Educational Leadership and Policy Studies Emphasis</td>
<td></td>
</tr>
<tr>
<td>Education PhD, Educational Psychology Emphasis</td>
<td></td>
</tr>
<tr>
<td>Education PhD, Teaching-Learning Process Emphasis</td>
<td></td>
</tr>
<tr>
<td>Educational Administration MEd, Community Education Emphasis</td>
<td></td>
</tr>
<tr>
<td>Educational Administration MEd, School Administration Emphasis</td>
<td></td>
</tr>
<tr>
<td>Educational Psychology MEd</td>
<td></td>
</tr>
<tr>
<td>Educational Studies BES, Early Childhood Emphasis</td>
<td></td>
</tr>
<tr>
<td>Educational Studies BES, Exercise Science and Wellness Emphasis</td>
<td></td>
</tr>
<tr>
<td>Educational Studies BES, Park and Museum Programs Emphasis</td>
<td></td>
</tr>
<tr>
<td>Educational Studies BES, Social Entrepreneurship Emphasis</td>
<td></td>
</tr>
<tr>
<td>Educational Studies BES, Youth and Adult Development Emphasis</td>
<td></td>
</tr>
<tr>
<td>Electrical Engineering BSEE</td>
<td></td>
</tr>
<tr>
<td>Electrical Engineering Minor</td>
<td></td>
</tr>
<tr>
<td>Elementary and Special Education Teaching Graduate Certificate</td>
<td></td>
</tr>
<tr>
<td>Elementary Education BSEd, Middle School Education Emphasis</td>
<td></td>
</tr>
<tr>
<td>Elementary Education BSEd, Special Education and TESOL Emphasis</td>
<td></td>
</tr>
<tr>
<td>Elementary Education BSEd, Special Education Emphasis</td>
<td></td>
</tr>
</tbody>
</table>
- Elementary Education BSEd, TESOL Emphasis
- Elementary Education MEd
- Elementary Education MEd with Elementary and Special Education Teacher Certification
- Elementary Education MEd with Elementary Teacher Certification
- Elementary Education MEd, Curriculum and Instruction Emphasis
- Elementary Education MEd, Early Childhood Education Emphasis
- Elementary Education MEd, Reading Emphasis
- Elementary Education MEd, Teaching English to Speakers of Other Languages
- Elementary Mathematics Specialist Graduate Certificate
- Elementary School Teaching Graduate Certificate
- English BA
- English MA
- English Minor
- Enterprise Systems Development Graduate Certificate
- Entrepreneurship Graduate Certificate
- Entrepreneurship Undergraduate Certificate
- Environmental Studies Minor
- Exercise Science Minor
- Family Nurse Practitioner Post-Graduate Certificate
- Finance Minor
- Fintech Graduate Certificate
- French Minor
- Gender and Politics Minor
- Gender Studies Graduate Certificate
- Gender Studies Minor
- Gender Studies Undergraduate Certificate
- German Minor
- Gerontological Studies Undergraduate Certificate
- Gerontology Minor
- Global Biodiversity Conservation and Leadership Graduate Certificate
- Global Health and Social Medicine Minor
- Health Communication Undergraduate Certificate
- History BA
- History BA/MA Dual Degree Program
- History Education Graduate Certificate
- History MA
- History MA, Museums, Heritage and Public History Emphasis
- History Minor
- History of Art and Visual Culture Minor
- Honors College Undergraduate Certificate, 2-year Program
- Honors College Undergraduate Certificate, 4-year Program
- Information Security Management and Auditing Graduate Certificate
- Information Systems and Technology BS
- Information Systems and Technology BS/MS Dual Degree Program
- Information Systems and Technology Graduate Certificate
- Information Systems and Technology Minor
- Information Systems and Technology MS
- Institutional Research Graduate Certificate
- Interdisciplinary Studies BIS
- International and Comparative Politics Minor
- International Business Minor
- International Relations BA
- International Relations Minor
- International Studies Graduate Certificate
- Internet and Web Graduate Certificate
- Internet and Web Undergraduate Certificate
- Japanese Minor
- Jazz Studies Minor
- K-12 Teacher Leader Graduate Certificate
- Labor Studies Undergraduate Certificate
- Latina/Latino Studies Minor
- Law and Philosophy Minor
- Liberal Studies BLS
- Local Government Management Graduate Certificate
- Logistics and Supply Chain Management Graduate Certificate
- Management Minor
- Marketing Management Graduate Certificate
- Marketing Minor
- Mathematical and Computational Science PhD, Computer Science Emphasis
- Mathematical and Computational Science PhD, Mathematics Emphasis
- Mathematical and Computational Science PhD, Statistics Emphasis
- Mathematics BA
- Mathematics BA or BS/MA Dual Degree Program
- Mathematics BS
- Mathematics BS, Data Science Emphasis
- Mathematics BS, Fiscal Mathematics Emphasis
- Mathematics MA
- Mathematics MA, Data Science Emphasis
- Mathematics Minor
- Mechanical Engineering BSME
- Mechanical Engineering Minor
- Media Production Undergraduate Certificate
- Media Studies BS
- Media Studies Minor
- Mobile Apps and Computing Graduate Certificate
- Mobile Apps and Computing Undergraduate Certificate
- Modern European Studies Undergraduate Certificate
- Modern Language BA, Dual Language Emphasis Professional
- Modern Language BA, French Emphasis
- Modern Language BA, German Emphasis
- Modern Language BA, Japanese Emphasis
- Modern Language BA, Spanish Emphasis
- Modern Languages Minor
- Multicultural and Social Justice Counseling Graduate Certificate
• Museums, Heritage, and Public History Graduate Certificate
• Music BA
• Music BM, Elective Studies in Business Emphasis
• Music BM, Jazz Studies Emphasis
• Music BM, Music Composition Emphasis
• Music BM, Music Education Emphasis
• Music BM, Music Theory Emphasis
• Music BM, Performance Emphasis
• Music Education MME
• Music Minor
• Neuroscience Undergraduate Certificate
• Nonprofit Administration Minor
• Nonprofit Organization Management and Leadership Graduate Certificate
• Nursing BSN
• Nursing BSN, Accelerated Curriculum
• Nursing BSN, RN to BSN Curriculum
• Nursing DNP, Acute Care Pediatric Nurse Practitioner Emphasis
• Nursing DNP, Adult-Gerontology Nurse Practitioner Emphasis
• Nursing DNP, Family Nurse Practitioner Emphasis
• Nursing DNP, Leadership in Population Health and Healthcare Systems Emphasis
• Nursing DNP, MSN to DNP Curriculum
• Nursing DNP, Primary Pediatric Nurse Practitioner Emphasis
• Nursing DNP, Psychiatric Mental Health Nurse Practitioner Emphasis
• Nursing DNP, Women's Health Nurse Practitioner Emphasis
• Nursing MSN
• Nursing PhD
• Optometry OD
• Organizational Leadership BA, Business Management Emphasis
• Organizational Leadership BA, Community Studies Emphasis
• Organizational Leadership BA, Corporate Communication Emphasis
• Organizational Leadership BA, Criminal Justice Emphasis
• Organizational Leadership BA, Health Communication Emphasis
• Organizational Leadership BA, Individualized Emphasis
• Organizational Leadership BA, Social Justice Emphasis
• Organizational Leadership BA, Supply Chain Management
• Philosophy BA
• Philosophy BA/MA Dual Degree Program
• Philosophy MA
• Philosophy Minor
• Philosophy of Science and Technology Minor
• Physical Education BSEd PK-12 Emphasis
• Physics BA
• Physics BS, Astrophysics Emphasis
• Physics BS, Biophysics Emphasis
• Physics BS, Engineering Physics Emphasis
• Physics BS, General Physics Emphasis
• Physics Minor
• Physics MS
• Physics PhD
• Policy and Program Evaluation Graduate Certificate
• Political Science BA
• Political Science BA/MA Dual Degree Program
• Political Science MA
• Political Science Minor
• Political Science PhD
• Primary Care Pediatric Post-Graduate Certificate
• Professional Writing Undergraduate Certificate
• Program Evaluation in Education Graduate Certificate
• Psychiatric Mental Health Nurse Practitioner Post-Graduate Certificate
• Psychology BA
• Psychology BS
• Psychology Clinical-Respecialization Graduate Certificate
• Psychology MA, Behavioral Neuroscience Emphasis
• Psychology Minor
• Psychology PhD, Behavioral Neuroscience Emphasis
• Psychology PhD, Clinical Community Psychology Emphasis
• Psychology PhD, Industrial and Organizational Psychology Emphasis
• Public Administration Minor
• Public Law Minor
• Public Policy Administration BSPPA
• Public Policy Administration BSPPA, Public Administration Emphasis
• Public Policy Administration BSPPA, Public Policy Emphasis
• Public Policy Administration BSPPA/MPPA Dual Degree Program
• Public Policy Administration MPPA
• Public Policy Administration MPPA, Individualized Emphasis
• Public Policy Administration MPPA, Local Government Management Emphasis
• Public Policy Administration MPPA, Nonprofit Organization Management Emphasis
• Public Policy Administration MPPA, Policy Research and Analysis Emphasis
• Public Policy Minor
• Public Relations Undergraduate Certificate
• School Counseling (Post-Master's) Graduate Certificate
• School Psychology EdS
• Secondary Education BSEd English Emphasis
• Secondary Education BSEd Mathematics Emphasis
• Secondary Education BSEd Modern Foreign Language-French Emphasis
• Secondary Education BSEd Modern Foreign Language-Spanish Emphasis
• Secondary Education BSEd Science-Biology Emphasis
• Secondary Education BSEd Science-Chemistry Emphasis
• Secondary Education BSEd Science-Physics Emphasis
• Secondary Education BSEd Social Studies Emphasis
• Secondary Education MEd
• Secondary Education MEd with Teacher Certification
• Secondary Education MEd, Curriculum and Instruction Emphasis
• Secondary Education MEd, Middle Level Education
• Secondary Education MEd, Reading Emphasis
• Secondary Education MEd, Teaching English to Speakers of Other Languages Emphasis
• Secondary School Teaching Graduate Certificate
• Social Justice in Education Graduate Certificate
• Social Work BSW
• Social Work Minor
• Social Work MSW
• Sociology BA
• Sociology BS
• Sociology Minor
• Spanish Minor
• Special Education MEd, Autism and Developmental Disabilities Emphasis
• Special Education MEd, Cross Categorical Disabilities Emphasis
• Special Education MEd, Early Childhood Special Education Emphasis
• Sport Management BS
• Sport Management Minor
• Statistics Minor
• Student Affairs Administration and Leadership Graduate Certificate
• Studio Art BFA, Art Education Emphasis
• Studio Art BFA, Graphic Design Emphasis
• Studio Art BFA, Studio Practice Emphasis
• Studio Art Minor
• Supply Chain Analytics MS
• Supply Chain Management Minor
• Talent Management Graduate Certificate
• Taxation Graduate Certificate
• Teaching English to Speakers of Other Languages Graduate Certificate
• Teaching of Writing Graduate Certificate
• Technical Writing Undergraduate Certificate
• Transportation Studies Minor
• Trauma Studies Graduate Certificate
• Urban Politics Minor
• Urban Studies Minor
• Veterans Studies Minor
• Women's Health Nurse Practitioner Post-Graduate Certificate
• Workplace and Organizational Science Undergraduate Certificate
• School of Social Work
• Student Conduct and Title IX Policies
• Supporting Offices
• The Graduate School
• Tuition and Payments

• UMSL/Washington University Joint Undergraduate Engineering Program
• Undergraduate Study