

## Course Additions and Changes to 2010-2012 Academic Catalog

**Courses added:** • BA 418 • CS 110 • EC 117 • EC 118 • ED 224 • ED 225 • ED 382 • EI 101 • EI 111 • ES 151 • ES 152 • ES 251 • GER 245 • GER 255 • ID 345 • MU 125 • MU 126 • MU 127 • MU 128 • MU 176 • MU 177 • SCH 456 • SP 181 • SW 303

**Courses with catalog changes:** • BA 240 • BA 247 • BA 325 • BA 345 • BA 353 • BA 377 • BA 441 • BA 442 • BA 447 • CA 200 • CA 305 • CA 312 • CA 313 • CA 320 • CA 325 • CA 349 • CA 355 • EC 243 • EC 317 • EC 318 • EC 342 • EC 343 • EC 345 • EC 349 • EC 355 • EC 460 • ED 221 • ED 229 • ED 323 • ED 324 • ED 354 • ED 356 • ED 360 • ED 361 • ED 384 • ED 485 • EN 112 • EN 325 • GER 312 • HI 212 • LS 405 • MA 312 • MU 196 • MU 211 • MU 213 • PE 359 • PHY 402 • PS 343 • PSY 381 • RE 324 • RE 375 • SCI 385 • SO 422 • SP 320

**Courses no longer offered:** • CA 204 • CS 102 • EC 100 • EC 101 • EC 102 • EI 195 • ES 350 • MA 402 • MU 115 • MU 116 • MU 117 • MU 118 • MU 157 • MU 175 • MU 301 • SW 330

**Special Topics offered in 2011-12:** • EC 295 • EN 395 • GER 295 • SP 395

**Courses with a change in department and/or number:**

<i>Prev. Number</i>	<i>Title</i>	<i>New Number</i>
PE 358	Personal Training	PE 349
SCH 201	Scholars Seminar: Thesis Preparation	SCH 255

**Program Additions (Applies to students who matriculate beginning Fall 2011):**

- 5-12 All Social Studies Endorsement
- Communication Arts - Multimedia Communication Concentration
- Communication Arts - Organizational and Public Relations Concentration
- Multimedia Communication Minor
- Organizational and Public Relations Minor
- Speech Communication Minor

**Major Program Changes:**

- Accounting Major
- American Government Education Major
- Business Administration Major
- Business Administration Major – Finance Concentration
- Business Administration Major – Management Concentration
- Business Administration Major – Marketing Concentration
- Communication Arts – Electronic Media Concentration (Replaced by Multimedia Communication Concentration)
- Communication Arts – Print Media Concentration (Replaced by Multimedia Communication Concentration)
- Communication Arts – Public Relations Concentration (Replaced by Organizational and Public Relations Concentration)
- Community Sociology Major
- Computer Information Systems Major
- Economics Major
- Economics Teaching Major

- Elementary Education Major
- Engineering Science Major
- Fitness Management
- French Studies Major
- German Studies Major
- International Relations Major
- Mathematics Major
- Music Education Major
- Music Therapy (BM) Major
- Music Therapy (BME) Major
- Religion Major
- Social Work Major
- Spanish Teaching Major
- Spanish Major

**Minor Program Changes**

- Business Minor
- Business Administration Minor
- Economics Minor
- Intercultural Studies Minor
- Management Information Systems Minor
- Mathematics Minor
- Religion Minor
- Social Entrepreneurship Minor

- Social Welfare Minor
- Spanish Minor
- Theatre Minor

#### **Endorsement Changes**

- K-8 Early Childhood
- K-8 Health
- K-8 History

- K-8 Reading
- K-8 Science
- K-8 Social Studies
- K-8 Spanish
- 5-12 Health (replaces K-6 and 7-12 Health)
- 5-12 Math
- 5-12 Reading
- 5-12 Spanish

**BA 240 Social Venture Planning:** Assessing feasibility and planning in for-profit or non-profit organization, particularly with social/environmental benefit in the mission. Marketing, finance, management, and strategic aspects of the business plan. Legal aspects of business organization. Social/environmental metrics and assessment. Prerequisite: Second-year standing or instructor approval.

**BA 247 Personal Creativity/Innovations in Organizations:** Survey of creative and innovative capacities within society and organizations. Special attention to the forces which drive innovation, including: creative minds, ethical dilemmas, political constructs, technology and globalization. Creative capacity building exercises involving self-reflection, personal openness to change and non-conformist ideas. Prerequisite: Second-year standing.

**BA 325 Business Communication:** Identical with EN 325. Communication skills needed for success in business. Includes business letter, memo, report writing. Oral presentation skills, job application skills, communication theory, technology. Writing Intensive. Prerequisites: CA 112 and third- or fourth-year standing.

**BA 345 Principles of Management:** Reaching organizational goals by working through people and other organizational resources. Emphasis on planning, organization, leading, and controlling functions and the contemporary tools available to reach high-quality decisions. Interconnected: Social Science. Prerequisite: Second-year standing; EC 117, EC 118 recommended.

**BA 353 Principles of Marketing:** Techniques and strategies used to develop new products and promotions and to determine prices and channels of distribution. Introductory topics of marketing research, consumer behavior, advertising, sales, product management, international marketing. Group project. Prerequisite: Second-year standing; EC 117, EC 118 recommended.

**BA 377 Non-Profit Management and Social Entrepreneurship:** Emphasis on existing non-profit, social venture start-ups and blended return organizational types. Topics include trustee's responsibilities, trustee recruitment/termination/development, financing structure, fundraising, financial management, market opportunity, employee empowerment, strategic planning, and leadership. Winter Term. Prerequisite: Second-year standing; EC 117 or EC 118 recommended.

**BA 418 Social Capital Markets:** Tools and analysis for the emerging field of finance for social and environmental impact. Assessing triple bottom line business models and projects. Developing social/environmental metrics to evaluate outcomes. Innovative financing structures to preserve/embed social/environmental mission. Winter Term even years. Prerequisite: BA 334.

**BA 441 Multinational Management:** Multinational organizational behavior and its implications for home and host countries. Analysis of organizational strategy, economic impact of multinationals, appropriate public policies toward foreign direct investment. Diversity. Prerequisite: EC 117 or EC 118; BA 345 recommended.

**BA 442 International Marketing:** Environmental factors relevant to international marketing. Effects of product, promotion, price, channels of distribution on international marketing strategies. Diversity. Prerequisite: EC 117 or EC 118; BA 353 recommended.

**BA 447 Entrepreneurship:** Exploration of entrepreneurship culminating in development of a business plan. Introduction to complexity and multidimensional nature of the subject through thorough articulation of business plan. Fall Term. Prerequisites: Second-year standing; AC 121; BA 331, BA 345, BA 353; MA 107 or MA 250.

**CA 200 Media Writing:** Fundamentals of news reporting and gathering. Introduction to writing styles and practices specific to radio, television, newspapers, magazines, online journalism, and public relations. Coverage of news events and submission of stories for Wartburg student media integrated into class assignments. Prerequisite: CA 100 or concurrent enrollment.

**CA 305 Print Journalism:** Emphasis on news writing for newspapers and magazines, using reporting principles of gathering information and journalistic style. Class contributes to *The Circuit* and/or *The Trumpet*. Writing Intensive. Fall Term. Prerequisite: CA 200.

**CA 312 Broadcast Journalism:** Fundamentals of writing, reporting, editing, presenting radio and television news. Use of analog and digital equipment to acquire practical skills in preparing and presenting broadcast news. Writing Intensive. Prerequisites: CA 206, CA 210.

**CA 313 Advanced Broadcast Journalism:** Advanced reporting techniques. Beat reporting, news and feature reporting, writing for campus radio station KWAR-FM and Wartburg Television, broadcasting on local cable access channel. Writing Intensive. Prerequisite: CA 312.

**CA 320 Advanced Broadcast Production:** Application of acquired production knowledge and skills. Production of programs using digital video and audio systems. Emphasis on preproduction, production, postproduction phases to provide for a variety of content. Prerequisites: CA 206, CA 210.

**CA 325 Advanced Print Journalism:** Emphasis on writing in-depth news stories, editorials, columns. Class contributes to The Circuit and/or The Trumpet. Writing Intensive. Winter Term even years. Prerequisite: CA 305.

**CA 349 Multimedia Journalism:** Emphasis on writing, editing, analyzing copy for online publication using journalistic values and style. Prerequisites: CA 206, CA 210.

**CA 355 Persuasive Communication:** Theory and practice of persuasive discourse. Interconnected: Social Science. Prerequisite: Second-year standing or instructor approval.

**CS 110 Introduction to Information Systems:** Introduction to hardware and data communication technology, software and data management, and business applications of the technology. Prerequisite: MA 90 competency.

**EC 117 Principles of Macroeconomics:** Theory of economic analysis, supply/demand, social provisioning with applications to trade, poverty, labor, taxes, natural environment. Macroeconomic data- GDP, inflation, unemployment, exchange rates. Understanding business cycles and fiscal/monetary policy responses. Long-run economic growth. Interconnected: Social Science. Prerequisite: MA 90 competency.

**EC 118 Principles of Microeconomics:** Continuation of EC 117. Elasticity of supply/demand, consumer behavior, analysis of firm production/costs. Behavior of firms in different market environments. Regulation and deregulation. Applications to business planning, strategy, competitive advantage, and international contexts. Prerequisite: EC 117.

**EC 243 The Federal Reserve System:** Guiding principles, strategies, tactics of the Federal Reserve System's monetary policy within political, historical, theoretical contexts. Includes a trip to a regional Federal Reserve bank. Prerequisite: EC 117 or EC 118.

**EC 295 Special Topics: Economics and Culture of India:** Travel to Mysore and Bangalore in southern India. Focus on efforts being made in rural India to foster development through socially responsible organizations. Examines the many U.S. companies located in Bangalore. Students visit these international companies to learn about business in a global environment. Diversity. Prerequisite: EC 117 recommended.

**EC 317 Modeling & Forecasting Macroeconomy:** Quantitative modeling of the economy's business cycles and long run trends. Analysis of the relationship between theory, historical events and the formulation of macroeconomic policy. Prerequisites: EC 117, EC 118.

**EC 318 Microeconomic Theory:** Theories of consumer behavior, cost, market structure, distribution, welfare. Development and application of elementary mathematical methods of analysis. Prerequisites: EC 117, EC 118.

**EC 342 Financial Markets and Modern Money:** Analysis of stock, bond, and derivative markets and their relationship to the economy as well as to modern banking and monetary/fiscal policymaking institutions. Prerequisites: EC 117, EC 118; MA 214 or MA 313.

**EC 343 Public Finance and Fiscal Policy:** Identical with PS 343. Government revenue and expenditures at federal, state, local levels. Evaluation of economic effects of fiscal policy in stabilizing economic activity. Writing Intensive. Prerequisite: EC 117, EC 118 recommended.

**EC 345 Regional Economics:** Survey of migration, location of industry, transportation, regional growth as affecting location decisions of economic units and resultant impact on regional economics. Some field study. Possible fee. Prerequisites: EC 117, EC 118.

**EC 349 Comparative Economic System:** Critical analysis of economic theories underlying economic systems, such as capitalism, variants of socialism, communism. Comparative study of economic planning, production, distribution, price formation, economic institutions, forms of government in countries using different economic systems. Diversity. Prerequisites: EC 117, EC 118.

**EC 355 International Trade & Finance:** Introduction to the theory of international trade, financial adjustment of countries' balances of payment, currency exchange rate systems. Contemporary problems in international economic policy. Diversity. Prerequisites: EC 117, EC 118.

**EC 460 Perspectives in Economics:** Seminars examining historical dimensions, ethical issues, contemporary problems, future trends in economics. Written analysis, small-group discussion, short papers. Capstone. Writing Intensive. Prerequisites: EC 117, EC 118; third- or fourth-year standing.

**ED 221 Teaching Elementary Social Studies:** Content, strategies, instructional techniques for teaching social studies curriculum in elementary schools. Winter Term. Prerequisites: PSY 101; HI 109, HI 110 or HI 150. HI 150 preferred.

**ED 224 Teaching Physical Education, Health and Fitness in the Elementary School:** Methods and instructional strategies to include physical education, fitness and health in the elementary curriculum. Promote healthy lifestyle choices for young students. Winter Term. Prerequisites: ED 100, ED 181.

**ED 225 Art and Music in the Elementary School:** Prepares elementary school teacher to integrate meaningful art and music experiences in the classroom. Fall Term. Prerequisites: ED 100, ED 181.

**ED 229 Teaching in the Secondary School:** Planning lessons and developing strategies for classroom teachers of grades 5-12. Prerequisites: ED 100, ED 181. Corequisite: ED 282.

**ED 323 Diagnostic Reading:** Skills and strategies to assess reading problems through formal and informal diagnosis. Winter Term. Prerequisite: ED 321. Corequisite: ED 324.

**ED 324 Remedial Reading:** Procedures to enhance reading strengths, correct reading weaknesses. Winter Term. Prerequisite: ED 321. Corequisites: ED 323, ED 382.

**ED 354 Organization of Early Childhood Programs:** Current issues, trends in early childhood education. Focus on planning, implementing, administering and evaluating developmentally appropriate programs for young children. Fall Term even years. Prerequisites: PSY 210 and third-year standing.

**ED 356 Curriculum Development and Guidance of Young Children:** Guidance, curriculum, methodology, programs that facilitate learning and development of young children. Selecting, planning, creating, implementing, evaluating developmentally appropriate content, methods, materials. Fall Term odd years. Prerequisites: Third-year standing; ED 223; PSY 210.

**ED 360 Middle Level Socialization Development:** Instructional strategies and resources for meeting the social/psychological/personal needs of pre-adolescents and adolescents in the middle school classroom. Fall Term even years. Prerequisite: ED 100.

**ED 361 Middle School Curriculum:** Overview of curriculum developments in the middle school. Recent trends affecting middle school curriculum. Fall Term odd years. Prerequisite: ED 100. Corequisite: ED 384.

**ED 382 Field Experience: Remedial Reading:** Twenty-five hour practicum in a remedial reading setting in the elementary or secondary school. P/D/F only. Winter Term. Corequisite: ED 324.

**ED 384 Field Experience: Middle School:** Twenty-five hours in middle school math, science, language arts, social studies classrooms. Participation with middle school curriculum and students. P/D/F only. Fall Term odd years. Corequisite: ED 361.

**ED 485 Field Experience: Remedial Reading:** Fourteen weeks of full days teaching music at the elementary and secondary levels. Capstone. P/D/F only. Fall Term. Fee. Prerequisite: Approval for student teaching.

**EI 101 American English Language & Culture:** Overview of American culture, institutions, values. Emphasis on making sense of American culture through data collection, group discussion, teamwork, individual writing, speaking, reflection. Comparison and contrast of U.S. culture with student preconceptions and understanding of their own cultures. Assignments, in-class discussions to help improve spoken and written skills, listening, reading comprehension. Grammar, vocabulary issues related to class assignments, discussion. Open to U.S. and international students. Prerequisite: TOEFL below 550.

**EI 111 English Composition Intensive:** Basic college-level writing and the writing process. Intensive work in expression and organization. Designed for multi-lingual learners. Enrollment eligibility determined by Registrar. P/D/F only.

**EN 112 Intermediate Composition:** Practice in the process of composition. Emphasis on argumentation, research, essentials of good writing, cultivation of critical facility. Verbal reasoning. Prerequisite: EI 111 with P grade or EN 111.

**EN 325 Business Communication:** Identical with BA 325. Communication skills needed for success in business. Includes business letter, memo, report writing. Oral presentation skills, job application skills, communication theory, technology. Writing Intensive. Prerequisites: CA 112 and third- or fourth-year standing.

**EN 395 Special Topics: Multiethnic American Literature:** Survey of ethnic American literature focusing on two or more ethnic traditions. Writing Intensive. Interconnected: Humanities/Fine Arts. Diversity. Prerequisite: EN 150 or instructor approval.

**ES 151 Modern Engineering Analysis I:** Use of computational and mathematical tools in engineering. Spreadsheets, microcontroller programming, solid modeling, CAE, design project. Lab course. Fall Term. Prerequisite: MA 90.

**ES 152 Modern Engineering Analysis II:** Continued introduction to the use of computational and mathematical tools in engineering. Computational structural analysis, general FEM, virtual instrumentation. Lab course. Winter Term. Prerequisite: ES 151.

**ES 251 Machinery and Manufacturing:** Techniques of fabrication of parts using machines. Measurement techniques, use of hand tools, basic machining techniques, introduction to CNC. Fall Term. Prerequisite: ES 205 or concurrent enrollment.

**GER 245 Eisenach: East German Community I:** Orientation and prerequisite for GER 255. Readings, literature, films and discussion on the former communist and contemporary post-reunification East Germany, including aspects of everyday culture, such as the family, religion, politics, education, and the environment. Winter Term odd years. P/D/F only.

**GER 255 Eisenach: East German Community II:** On-site multidisciplinary study of Waverly's sister city, set against the historical background of the former communist East Germany and early post-reunification Eisenach. Individualized to accommodate the student's personal and academic interests. Student/family interaction to explore aspects of everyday life, such as traditions, customs, spirituality, work, education, the media, the environment, and identify community values. Interconnected: Humanities/Fine Arts. Diversity. May Term odd years. Fee. Prerequisites: GER 104, GER 245.

**GER 295 Special Topics: German Culture Through Film and Literature: Introduction to German Cinema 1920–Present:** Study of the creative representation of major cultural, social, and historical developments that have impacted German society. Rotating topics selected from Germany's past and present. Course conducted in English. Interconnected: Humanities/Fine Arts. Diversity. Fall Term odd years.

**GER 312 Discovering Germany Past-Present:** Multidisciplinary study of selected cultural developments that have shaped Germany from its beginnings to the present through the media of literature, art, music, film, essay. Advanced conversation on current events in Germany and other German-speaking countries. Readings in fiction and non-fiction. Conducted in German. Winter Term odd years. Prerequisite: GER 206 or department approval.

**HI 212 Castles and Cathedrals:** Course travels to England and Wales and introduces students to the remains of medieval British culture in the form of castles, cathedrals, churches, and monasteries. Examines how these structures were built and used. May Term odd years. Interconnected: Humanities/Fine Arts. Prerequisite: GM 212.

**ID 345 Food:** What is the relationship between human beings and food? Through various disciplines we will explore the issues that surround food, its history, production, consumption, place in culture and religion, and symbolism. Prerequisite: Third- or fourth-year standing.

**LS 405 Leadership Certificate Summary Seminar:** Reflection on leadership education experience at Wartburg and completion of leadership portfolio. P/D/F only. Writing Intensive. Prerequisites: LS 115, ID 315, or concurrent enrollment.

**MA 312 Teaching Elementary School Mathematics:** Current structures, techniques, resources available to elementary school mathematics teachers. Use of models and manipulatives in small-group teaching experiences in Waverly-Shell Rock schools and in the class. Prerequisites: MA 110; MA 106, MA 107 or MA 214.

**MU 125 Diction for Singers: English:** Intensive study of English pronunciation. Use and application of the International Phonetic Alphabet. Fall Term.

**MU 126 Diction for Singers: Italian:** Intensive study of Italian pronunciation. Use and application of the International Phonetic Alphabet. Fall Term. Prerequisite: MU 125.

**MU 127 Diction for Singers: German:** Intensive study of German pronunciation. Use and application of the International Phonetic Alphabet. Winter Term. Prerequisite: MU 125.

**MU 128 Diction for Singers: French:** Intensive study of German pronunciation. Use and application of the International Phonetic Alphabet. Winter Term. Prerequisite: MU 125.

**MU 176 Voice Methods I:** Fundamentals of singing and voice performance. For instrumental music education majors with little or no previous singing experience. Fall Term.

**MU 177 Voice Methods II:** Fundamentals of singing and voice pedagogy, including introductory diction (English, Latin, Italian), theatrics of singing. Winter Term.

**MU 196 Therapeutic Guitar Improvisation:** Development of basic guitar improvisation skills for a variety of music therapy clinical settings, with and without singing. May repeat for credit. Winter Term. Prerequisite: MU 190 G1 or MU 194.

**MU 211 Music Therapy Musical Foundations:** Fundamentals of directing small and large therapeutic groups for vocal, instrumental, and movement experiences, structured and improvised. Appropriate for students in music therapy, music education, music ministry, and social work. Fall Term.

**MU 213 Music Therapy Treatment Planning:** Provides modeling and coaching on best practice treatment planning, implementation, and evaluation for the mental health and medical settings. Winter Term odd years. Prerequisite: MU 211.

**PE 349 Personal Training:** Study physical fitness to develop, implement, and evaluate comprehensive exercise program for various populations. Preparation for the ACE Personal Trainer examination included. Fall Term. Prerequisites: BI 202; HE 240; PE 356.

**PE 359 Group Fitness Instruction:** Identifies appropriate aerobic class activities with safe program design and format for various class possibilities. Emphasis placed on learning to effectively and safely lead group classes. Fall Term. Prerequisite: None. Corequisites: PE 254 and PE 349, or instructor approval.

**PHY 402 Advanced Mechanics:** Statics, kinematics, dynamics of particles and rigid bodies, Lagrange's equations, Hamilton's equations, oscillating systems, introduction to the mechanics of deformable bodies. Prerequisites: MA 250, MA 252; PHY 203; MA 401 recommended.

**PS 343 Public Finance and Fiscal Policy:** Identical with EC 343. Government revenue and expenditures at federal, state, local levels. Evaluation of economic effects of fiscal policy in stabilizing economic activity. Writing Intensive. Prerequisite: EC 117, EC 118 recommended.

**PSY 381 Field Experience:** Supervised exploratory experience outside the classroom. Psychological concepts and principles examined in an applied setting. P/D/F only. Usually May Term. Possible off-campus costs. Prerequisite: Instructor approval.

**RE 324 Religious Traditions of Immigrant Community:** Exploration of how and why various Christian and non-Christian religious communities made their way to the Denver area, examination of their history and beliefs, how they have fared since their arrival, what impact they have had on the wider community. Writing Intensive. Faith and Reflection. Diversity. Prerequisite: Acceptance into Wartburg West program.

**RE 375 Youth and Family Ministry:** Meaning and theology of ministry and vocation as it relates to youth and family ministry in the church. Exploration and observation of various styles, gifts, approaches to youth and family ministry. P/D/F only. May Term odd years. Prerequisite: RE 101.

**SCH 255 Scholar Seminar: Thesis Preparation:** Examines various topics from an interconnected point of view with an emphasis on thesis preparation. Fulfills fourth Interconnected requirement for students participating in the Wartburg Scholars Program. Prerequisites: SCH 101 and second-year standing.

**SCH 456 Scholars Academic Honors Project:** Conduct honors research projects. Major report and public defense required. Enrollment limited to students admitted to the Wartburg Scholars Program. Prerequisite: SCH 255.

**SCI 385 Elementary Science Methods:** Methods of teaching science concepts commonly encountered in the elementary school. Constructivist approach based on the National Science Education Standards. Field experience. Required for elementary education majors. Writing Intensive. Fall Term. Prerequisites: BI 101, BI 117, BI 130, BI 131, BI 132, BI 133, or BI 151; CH 113, PHY 101, PHY 130, PHY 132, PHY 170, or PHY 203.

**SO 422 Field Sociology:** Supervised field research in North American locations. Qualitative research methods with an emphasis on case study, participant observation, interview techniques. Writing Intensive. May Term odd years. Prerequisite: SO 321, PSY 321 or SW 321.

**SP 181 Field Experience:** Supervised exploratory experience outside the classroom. Development of Spanish language skills in practical situation. P/D/F only. Prerequisites: Acceptance into Wartburg West program and instructor approval.

**SP 320 Spanish Language and Composition:** In-depth overview of Spanish grammar and vocabulary with a strong writing component for application of course concepts and improvement in students' ability to write meaningfully in Spanish. Fall Term. Prerequisites: SP 260 and SP 261, or instructor approval.

**SP 395 Special Topics: Spanish for the Professions:** Explores language use and cultural practices appropriate to the Hispanic professional world both in the United States and abroad. Introduces students to the translation, analysis, and production of professional correspondence such as letters and memos in Spanish.

**SP 395 Special Topics: Theory and Practice with the Latino Community:** Introduces theoretical and cultural concepts for engaging with the U.S. Latino community. Three-week intensive practicum and service activities with Latino-serving agencies and organizations in Denver. Service-learning course at Wartburg West. May Term. Fee. Prerequisites: SP 260 and two 300-level Spanish courses.

**SW 303 Social Work Practice III:** Examination of community dynamics using different theoretical and cultural perspectives. Development of knowledge and skills needed to mobilize resources to meet community needs. Fall Term. Prerequisites: SW 101, SW 181, SW 202.