supply-chain control, maintenance, quality control, reliability, ergonomics and human-computer interaction, information systems, safety and construction management.

7762 Supply Chain Systems (3) Prereq.: IE 3520 or 4520, or equivalent. Components in supply chain systems; product life-cycle modeling, rotational production and supply, integrated component supply systems, multi-source supplier and buyer systems, just-in-time supply chain systems, warehousing and distribution systems, supply transportation system, and information technology for supply chain systems.

7765 Lean Production Systems (3) Prereq.: IE 3520 or 4520, or equivalent. Principles and components of lean production systems; industrial process mapping, workflow analysis, time characterization, logistics information and error propagation; reduction of work-in-process, waster reduction, zero inventory and just-in-time production systems; material requirements process and order-pulling capability reduction; role of buffers and process stabilization.

7788 Sequencing and Scheduling (3) Prereq.: IE 3520 or 4520 or equivalent. Measures of scheduling; deterministic models for single and parallel machines, job shops, flow shops, and open shops; stochastic scheduling models for machines, job shops, flow shops, open shops; computational complexity and industrial applications.

7771 Design of Manufacturing Systems (3) Prereq.: IE 3520 or 4520. Principles of modeling, analysis, design, and operations; mass production, cellular manufacturing, machine location and layout, job routing and scheduling strategy; material handling and storage/retention systems.

8000 Thesis Research (1-12 per sem.) 5-7 U grading.
8900 Pre-dissertation Research (1) May be repeated for credit.
9000 Dissertation Research (1-12 per sem.) 5-7 U grading.

INFORMATION SYSTEMS AND DECISION SCIENCES • ISDS

1100 Introduction to Management Information Systems (3) 1 hr. lecture; 4 hrs. lab. An honors course, ISDS 1101, is also available. Credit will not be given for both this course and ISDS 1101, 1102, CSC 1100, LIS 2001, EXST 2000. Examine the expanding role of information technology in organizations and the development and use of information systems, hardware, and software, the strategic impact of IT, and the nature of the IT career; utilization of management information systems to improve managerial decision making.

1101 HONORS: Introduction to Management Information Systems (3) Same as ISDS 1100, with special honors emphasis for qualified students. Credit will not be given for both this course and ISDS 1100 or ISDS 1102.

1102 Introduction to Management Information Systems for Business Majors (3) An honors course, ISDS 1101, is also available. Credit will not be given for both this course and ISDS 1100 and 1101. Role of information technology in business including the development and use of information systems, hardware and software, the strategic impact of IT, and the nature of the IT career; utilization of management information systems to improve managerial decision making.

2000 Introduction to Business Statistics (3) Prereq.: MATH 1431 or equivalent. An honors course, ISDS 2010, is also available. Credit will not be given for both this course and ISDS 2010. Statistical description and inference; descriptive statistics, sampling, basic probability theory; probability distributions, including normal and binomial, sampling distributions; inferential statistics including estimation, one- and two-sample hypothesis tests for means, and chi-square tests. Additional applications of sampling distribution; the chi-square, student’s t, and F distributions; estimation; hypothesis testing; multiple regression analysis and simple correlation; analysis of variance; nonparametric tests.

3070 Independent Reading and Research in Information Systems (3) Prereq.: ISDS 1100 or 1101, or consent of instructor. May be taken for a max. of 6 sem. hrs. of credit. Student is responsible for registering with a faculty member and selecting an area of reading and/or research.

3075 Internship in Information Systems and Decision Sciences (3) Prereq.: ISDS 2000 or equivalent. Special honors emphasis for models and simulation.

3080 Decision Support Systems (3) Prereq.: ISDS 1100 or 1101, or consent of instructor. May be taken for a max. of 6 sem. hrs. of credit. Student is responsible for registering with a faculty member and selecting an area of reading and/or research.

3205 Internet Development Tools (3) Prereq.: ISDS 1100 or 4520. Principles in modeling, analysis, design, and operations; mass production, cellular manufacturing, machine location and layout, job routing and scheduling strategy; material handling and storage/retention systems.

3317 Beginning Programming (3) Prereq.: ISDS 1100 or ISDS 1101 or ISDS 1102. Fundamentals of programming, program design and implementation; interfaces, debugging, testing, and implementation.

3310 Database Processing for Management (3) Prereq.: ISDS 4113 or equivalent. Overview of database management techniques and applications; design; process and capacity design; total quality management; systems for just-in-time and purchasing management; inventory and materials management.

3317 HONORS: Introduction to Operations Management (3) Same as ISDS 3115, with special honors emphasis for qualified students. Credit will not be given for this course and ISDS 3115.

3320 Management of the IT Function (3) Prereq.: ISDS 3100 or equivalent. Overview of key enterprise systems concepts from fundamentally technical and, implications to business strategy; emphasis on the process-oriented organization and how integrated systems are designed to support cross-functional business processes; on-computer based execution, involving a hypothetical global company.

3412 Data Warehousing (3) Prereq.: ISDS 3100. Data Warehousing for business, top-down design, bottom-up design, data marts, multidimensional data, data mining, Web-enabled data warehouse, knowledge discovery, data mining.

3413 Information Technology Project Management (3) Prereq.: Credit or registration in ISDS 3100. Topics on effectively managing business and information technology projects, including: setting goals and objectives; work breakdown structures; project scheduling; managing project resources; evaluation and review, incentives and qualitative analysis; project accounting; excessive use of extensive on-line computer analysis with state-of-the-art project management tools.

3414 Software Quality Assurance (3) Prereq.: ISDS 3100. Modern practices of software quality management; topics include: software development process models, software quality metrics, basic quality tools, software reliability models, customer satisfaction measures, and the IS ISO 9000 quality system standard.

3417 Management of E-Commerce and Internet Information Systems (3) Management of e-commerce and Internet systems including: business models and strategies; performance and evaluation; execution and content; security, trust, and legal issues; integration of management, technical, and legal issues; and the emerging trends in Internet. Advanced topics in e-commerce, e-business, e-government, e-collaboration, and security issues.

3420 Advanced Business Programming (3) Prereq.: ISDS 3107 and ISDS 3110. Computer programming methods for business, computer programming; applications, and development of programs.

4000 Introduction to Statistical Theory (3) Prereq.: proficiencies in basic statistics; ISDS 1522 or consent of instructor. Concepts of probability distribution and statistical inference; theoretical foundations for estimating and hypothesis testing for means, proportions, and variances; chi-square and F tests.

4010 Basic Forecasting Models (3) Prereq.: ISDS 3000 or equivalent. Single-equation multiple regression and time series modeling procedures for business and economic forecasting; using time series data in regression models; time series modeling, including classical decomposition procedures and exponential smoothing; use of computer programs for regression and time series modeling and forecasting.

4011 Sample Survey Methods (3) Prereq.: ISDS 3000 or equivalent. Designing sampling systems; alternative sample designs; problems of bias; techniques of inference from alternative designs; criteria for selecting optimal sampling plans; methods and applications of sample surveys.

4020 Applied Nonparametric Statistics (3) Prereq.: ISDS 3000 or equivalent. Modern techniques for inference including techniques for one-sample problems, comparison of two treatments, paired comparisons, randomized complete blocks, and analysis of variance; comparison of more than two treatments, randomized complete blocks, and independence, and measures of correlation.

4034 Bayesian Probability and Statistical Methods (3) Prereq.: ISDS 3000 or equivalent. Applications of subjective probability distributions; Bayesian estimation and inference; application of Bayesian techniques to business problems.

4020 Operations Research for Management Decisions (3) Prereq.: ISDS 1100 or equivalent. Management decision making, including decision analysis, linear programming, transportation models, integer programming, project scheduling, and waiting line models. Additional applications of operations research techniques.

4021 Foundations of Mathematical Programming (3) Prereq.: ISDS 3100 or equivalent. Theoretical foundations of linear programming in single and multiple objectives; classical nonlinear optimization of unimodal and constrained functions; first order and Kuhn-Tucker conditions and quadratic programming.

5031 Applied Linear Models (3) Prereq.: ISDS 3000 or equivalent. Development of a multivariate statistical process model and hypothesis testing in linear statistical models; emphasis on appropriate specification and interpretation of ANOVA; the study of categorical and continuous data; computer routines and interpretation of results; unbalanced analysis of variance models, linear regression models, and analysis of covariance models.

4100 Business Decision Support and Expert Systems (3) Prereq.: ISDS 3110 or equivalent. Laboratory practice includes use of a particular software system. Business decision modeling; constructing a decision support system (DSS); DSS development tools; executive information systems; expert systems (ES) in business; building ES; process, tools, and strategy; integration of DSS and ES.

4111 Enterprise Systems (3) Prereq.: ISDS 3100. Overview of key enterprise systems concepts from fundamentally technical and, implications to business strategy; emphasis on the process-oriented organization and how integrated systems are designed to support cross-functional business processes; on-computer based execution, involving a hypothetical global company.

4112 Data Warehousing (3) Prereq.: ISDS 3100. Data Warehousing for business, top-down design, bottom-up design, data marts, multidimensional data, data mining, Web-enabled data warehouse, knowledge discovery, data mining.
vulnerability assessments; global sourcing repositioning; souring practices and cases in industries.

4164 Supply Chain and Decision Systems (3) Prereq.: ISDS 3115. Application of operations management concepts and techniques in service and distribution operations management; demand forecasting; inventory design and control; including location, layout, capacity expansion, staffing and scheduling; special attention to structure design and operational control of distribution systems and interfaces with other functional areas.

4167 Operations Planning and Control (3) Prereq.: ISDS 3115 and control of operations systems in manufacturing and service organizations; aggregate planning; master scheduling, requirements planning, and activity control. Emphasis on developing skills through case studies and computer models.

4168 Supply Chain Management (3) Prereq.: ISDS 4165. Planning, implementing, and controlling the efficient and cost-effective flow and storage of raw material, in-process products, finished products, and related information in a supply chain; resource/material management; supplier strategy; inventory planning and control; just-in-time systems; customer service; logistics and interfaces with other functional areas; emphasis on concepts, model development, and analysis.

4180 Business Analysis in Practice (3) Prereq.: senior standing or permission of instructor. Contemporary problems encountered in business and industry; emphasis on case analysis and use of business analysis skills and computer technology to solve business problems.

4202 Information Systems Auditing (3) Prereq.: ISDS 4015. Credit will not be given for both this course and IE 4453. Principles and practices of statistical quality control in industry; control charts; reliability; process attributes; process variance; sampling; process improvement; analysis; acceptance sampling for variables and for attributes; design of experiments; Taguchi methods; and ISO 9000 standards.

4244 Information Systems Auditing (3) Credit will not be given for this course and ACCT 4244 or ACCT 7244. The class will focus on the IS Audit process, IT Governance, Systems and Infrastructure Life Cycle Management, Service Delivery and Support, Protection of Information Assets, and Business Continuity and Disaster Recovery. Emphasis will be placed on current practices and technologies used in today's IT Audit environment.

4502 Systems Modeling and Analysis I (3) Prereq.: ISDS 2001. Final project involves the application of discrete-event simulation to a real-world problem. Modeling and analysis of production and service systems using discrete-event computer simulation; discrete-event simulation mechanics; model structure, model building, modeling of complex systems; verification and validation; arrival processes; design of simulation experiments; statistical analysis of terminating and steady-state systems.

4503 Systems Modeling and Analysis II (3) Prereq.: ISDS 4501. Final project involves the application of simulation to solve an operations problem in business or government. Advanced project in simulation that includes computer simulation concepts to dynamic systems; alternative approaches to simulation modeling; discrete-event, hybrid discrete/continuous, system dynamics, and object-oriented approaches; the development of modeling and analysis skills; advanced analysis concepts including variance-reduction, simulation meta-heuristics, or optimization tools.

4511 Industrial Simulation (3) Prereq.: IE 3510, 2060, credit or registration in IE 4562, or equivalents. See IE 4511. 4701 Technological Entrepreneurship (3) Prereq.: ISDS 1100 or equivalent. Also, offered as MGT 4701. The competitive environment; technological evolution; finding the fertile ground of technological market; entrepreneurial process; marketing the technological venture; managing the venture; intellectual property rights; appropriating the returns to technological innovation.

5010 Statistical Methods for Public Administration (3) Prereq.: college algebra. 2 hrs. lecture; 2 hrs. lab. Open only to students in the MPA program. Also offered as PADM 5010. 7000 Statistical Theory and Methodology (3) Prereq.: ISDS 4000 or equivalent; and consent of instructor. Continuation of ISDS 4000. Theoretical basis for topics in statistical inference including estimation, hypothesis testing, regression analysis, general linear models, nonparametric statistics; sequential tests of hypotheses; and complex sample designs. 7010 Use of Computers in Public Administrations (3) Open only to students in the MPA program. See PADM 7010. 7020 Theory of Statistical Processes (3) Prereq.: ISDS 4000 or equivalent. Theoretical foundations of operations research; emphasis on discrete processes, probability distributions treated in detail; stochastic processes, including random walks, Markov processes, birth-and-death processes, stochastic processes and renewal processes; statistical inference based on stochastic processes.

7021 Sample Design and Analysis (3) Prereq.: ISDS 7024 or equivalent. Methodology for sampling and survey design; alternative methods for email and internet survey samples; analysis of survey data; evaluation criteria including efficiency and bias; emphasis on applications with theoretical foundations.

7022 Multivariate Data Analysis (3) Prereq.: BADM 7020 or equivalent; corequisite: BADM 7120 or equivalent. Component models; canonical correlation, factor analysis, discriminant analysis, classification procedures.

7023 Data Mining and Research I (3) Prereq.: proficiency in calculus, linear algebra, basic statistical methods, and computer programming. Methods of statistical data mining; introduction to data mining: about single and multiple means and proportions; simple and multiple linear regression; design of simple random, stratified, and cluster samples; extensive use of statistical computer programs.

7025 Advanced Statistical Analysis for Research II (3) Prereq.: ISDS 7024 or equivalent. Continuation of ISDS 7024. Advanced regression analysis; experimental design and analysis of variance; nonparametric methods; multivariate techniques; extensive use of statistical computer programs.

7070 Seminar in Advanced Business Problems (3) May be taken for a max. of 6 hrs. of credit when topics vary. Special topics in statistics and quantitative methods.

7080 Survey of Information Systems Research (3) Prereq.: advanced PhD standing or consent of instructor. Exploration of current research streams in information systems; research issues; IS audit; applications; database; management information systems; decision support systems.

7081 Critical Analysis of Information Systems Research (3) Prereq.: ISDS 7101 or 4021. Advanced PhD standing or consent of instructor. Development of skills in theory building, research design, writing research papers, and evaluating research in the field of information systems.

7091 Introduction to Operations Research I (1.5) Prereq.: BADM 7020 or equivalent. Topics cover models that support management decision making including decision analysis, simulation, risk analysis, linear programming, and integer programming; Excel spreadsheet is used extensively.

7101 Survey of Operations Research: Stochastic Models (3) Prereq.: ISDS 7101. Integer and mixed-integer programming, extensions of classical optimization, quadratic programming, separable programming, and dynamic programming; applications of more advanced mathematical programming; techniques with some theory.

7105 Survey of Operations Research: Deterministic Models (3) Prereq.: ISDS 7101 or 4021. Extensions of decision theory, game theory, dynamic programming, Markovian decision processes, reliability models, and queuing models; probabilistic methods in operations research.

7106 Multiple Criteria Decision Making (3) Prereq.: ISDS 7101. Theory of the displaced ideal, linear multi-objective programming, goal programming, compromise programming, and multi-attribute utility measurement.

7107 Dynamic Programming (3) Prereq.: ISDS 7102. Theory and computational techniques of dynamic programming; single and multidimensional problems; relationship to linear programming; LA optimization techniques.

7150 Emerging Markets Supply Chain Management (3) Prereq.: BADM 7120 or permission of instructor. Emerging markets, case study; look at Infrastructure, emerging market development, and disaster management, greening the global supply chain, emerging markets opportunities, information technology and supply chain processes, emerging markets, global supply chain, entrepreneurial opportunities, technological and process control; process of discovering, effectuation, causation, knowledge management, technological intrapreneurship.

7151 Database Management (3) Prereq.: BADM 7103. Analysis, design, and implementation of databases based on the relational database model; data modeling using entity relationship (ER) diagrams, and DFDs; data modeling and web database connectivity, integration of Web and other business applications, and Web-based management and support systems.

7152 Internet Systems Development (3) Prereq.: ISDS 7520 or equivalent. Broad overview of the development process, design and implementation of databases based on the relational database model; data modeling using entity relationship (ER) diagrams, and DFDs; data modeling and web database connectivity, integration of Web and other business applications, and Web-based management and support systems.

7153 Information Technology Management (3) Prereq.: BADM 7103. Knowledge of the organization's information technology (IT) resources; planning and management of IT strategy; hardware/software infrastructure, information resources, and IT professionals; organization and governance of the IT function; management of IT policies and IT investments and returns, and deployment of new information technologies.

7154 Electronic Commerce II (1.5) Prereq.: ISDS 7543. Use of information technology and the Internet in creating new forms of business organization; creating a marketplace; consideration of information intermediaries and virtual organizations.

7155 Electronic Commerce II (1.5) Prereq.: ISDS 7543. Use of information technology and the Internet in creating new forms of business organization; creating a marketplace; consideration of information intermediaries and virtual organizations.

7258 Advanced Operations Management (3) Prereq.: BADM 7210 or equivalent. Perspective for managers to integrate operations strategy into an overall business strategy; issues in selection of the capabilities, characteristics, and configuration of facilities; process/technologies; aggregate capacity; vertical integration; operations infrastructure; organizational structure and jobs; extensive use of case analyses drawn from service and manufacturing industries.

7275 Advanced Operations Management (3) Prereq.: BADM 7210. May be taken for a max. of 6 hrs. of credit when topics vary. Topics such as material requirements planning, inventory control, scheduling, facilities location and design, operation control; emphasis on application of techniques.

7301 Information Systems (3) Prereq.: ISDS 1100 or equivalent. Continuation of ISDS 3115. Survey of information systems analysis and design; introduction to business data communication; database systems and database modeling; applications of IS in enterprise-wide systems and information systems control.

7305 Information Technology and Entrepreneurship (3) Prereq.: BADM 7050. Perspective on the IS field. Globalization and outsourcing, information technology-based business opportunities, technological entrepreneurship, process management process, entrepreneurial thinking, process of discovering, effectuation, causation, knowledge management, technological intrapreneurship.

7330 Database Management (3) Prereq.: BADM 7050. Analysis, design, and implementation of databases based on the relational database model; data modeling using entity relationship (ER) diagrams, and DFDs; data modeling and web database connectivity, integration of Web and other business applications, and Web-based management and support systems.
electronic communities; newsgroups, virtual communities, extranet and intranet.

1711 Basic Design Foundation (3) V Prereq.: admission to professional program or permission of instructor. 1 hr. lecture; 4 hrs. studio. Credit will not be given for this course and ART 1011.

1713 Interior Design Internship (3) F,S,Su Prereq.: consent of instructor. 1 hr. lecture; 4 hrs. lab. Credit will not be given for this course and ART 1011.

1716 Professional Practice (3) F,S,Su Prereq.: consent of instructor. 1 hr. lecture; 4 hrs. lab. Credit will not be given for this course and ART 1011.

2751 Interior Design Studio I (4) F Prereq.: ID 2750 or equivalent. 1 hr. lecture; 4 hrs. studio. Credit will not be given for this course and ART 1011.

2752 Interior Design Studio II (3) V Prereq.: ID 2750 or equivalent. 1 hr. lecture; 4 hrs. studio. Credit will not be given for this course and ART 1011.

2753 Business and Systems Change (3) Prereq.: ISDS 7550. Foundation of critical issues in the design and implementation of business and information systems change including business process reengineering, project change management, and information systems design and management; emphasis on the systems perspective of business, and the change that these enabling emerging and disruptive technologies and systems permit that have the greatest impact on business and industries.

7555 Auditing Enterprise Systems (1.5) Prereq.: ISDS 7550 and ACCT 7233. Principles of auditing enterprise wide information systems in business; audit plans; controls and security issues.

7560 Social and Organizational Issues in MIS (3) Prereq.: ISDS 7570. Impact of electronic communities on organizations and design choices; social and ethical considerations.

7565 Global Information Technology Management (3) Prereq.: BADM 7050. National IT policies; IT and national culture; IT management in multinational companies; IT diffusion in developed versus developing countries; IT and national defense; global e-commerce; global telecommunication infrastructure; and competitive advantage through global IT management.

7900 Controversies and Management Science (3) Prereq.: advanced PhD study and consent of instructor. Philosophical foundations of science and their implications for contemporary management science.

7910 Contemporary Issues in Production/Operations Management (3) Prereq.: advanced PhD standing or consent of instructor. May be taken for a max. of 9 hrs. of credit when topics vary. Philosophical foundations and contemporary issues in production/operations management.

7920 Contemporary Issues in Management Information Systems (3) Prereq.: advanced PhD standing or consent of instructor. May be taken for a max. of 9 hrs. of credit when topics vary. Philosophical foundations and contemporary issues in management information systems.

7950 Research Seminar in Information Systems Topics (3) Prereq.: consent of instructor. 1 hr. lecture; 4 hrs. lab. Credit will not be given for this course and ART 1011.

8000 Thesis Research (1-12 per sem.) S 7”U” grading.

8900 Pre-Dissertation Research (1-9) May be repeated for credit.

9000 Dissertation Research (1-12 per sem.) S 7”U” grading.

INTERIOR DESIGN • 1D

General education courses are marked with stars (★).

★ 1051 Introduction to Interior Design (3) Contemporary practice of interior design as a profession; responsibilities of the interior designer.

1111 Basic Design Foundation (3) V Prereq.: controlled admission to program. 4 hrs. studio. Credit will not be given for this course and ART 1011.

1720 Interior Design Technical Drawing (3) F,S,Su Prereq.: controlled admission to program in interior design at first year entry or permission of department. 6 hrs. studio. Credit will not be given for this course and ART 1011.

1722 Interior Design Internship (1.5) V Prereq.: consent of instructor. Not to open to interior design majors. Discipline of interior design; principles presented in historical and philosophic contexts; analysis of the use of color/light; application to interior design.

2750 Interior Design Studio I (4) F Prereq.: consent of instructor. 1 hr. lecture; 4 hrs. studio. Credit will not be given for this course and ART 1011.

2751 Interior Design Studio II (3) V Prereq.: consent of instructor. 1 hr. lecture; 4 hrs. studio. Credit will not be given for this course and ART 1011.

2753 Business and Systems Change (3) Prereq.: ISDS 7550. Foundation of critical issues in the design and implementation of business and information systems change including business process reengineering, project change management, and information systems design and management; emphasis on the systems perspective of business, and the change that these enabling emerging and disruptive technologies and systems permit that have the greatest impact on business and industries.

7555 Auditing Enterprise Systems (1.5) Prereq.: ISDS 7550 and ACCT 7233. Principles of auditing enterprise wide information systems in business; audit plans; controls and security issues.

7560 Social and Organizational Issues in MIS (3) Prereq.: ISDS 7570. Impact of electronic communities on organizations and design choices; social and ethical considerations.

7565 Global Information Technology Management (3) Prereq.: BADM 7050. National IT policies; IT and national culture; IT management in multinational companies; IT diffusion in developed versus developing countries; IT and national defense; global e-commerce; global telecommunication infrastructure; and competitive advantage through global IT management.

7900 Controversies and Management Science (3) Prereq.: advanced PhD study and consent of instructor. Philosophical foundations of science and their implications for contemporary management science.

7910 Contemporary Issues in Production/Operations Management (3) Prereq.: advanced PhD standing or consent of instructor. May be taken for a max. of 9 hrs. of credit when topics vary. Philosophical foundations and contemporary issues in production/operations management.

7920 Contemporary Issues in Management Information Systems (3) Prereq.: advanced PhD standing or consent of instructor. May be taken for a max. of 9 hrs. of credit when topics vary. Philosophical foundations and contemporary issues in management information systems.

7950 Research Seminar in Information Systems Topics (3) Prereq.: consent of instructor. 1 hr. lecture; 4 hrs. lab. Credit will not be given for this course and ART 1011.

8000 Thesis Research (1-12 per sem.) S 7”U” grading.

8900 Pre-Dissertation Research (1-9) May be repeated for credit.

9000 Dissertation Research (1-12 per sem.) S 7”U” grading.

INTERNATIONAL STUDIES • INTL

General education courses are marked with stars (★).

★ 2000 Contemporary Global Issues (3) Survey of current world issues from an interdisciplinary perspective.

★ 3001 Gateway to International Studies (3) Prereq.: ANTH 1003 or 2051, GEOG 1001 or 1003, HIST 1007, POLI 2057. Required for all international studies majors. Modernity, colonialism, and globalization in regional perspective.

★ 3002 Independent Study in International Studies (3) Prereq.: admission to professional program. Consent of instructor. May be repeated for up to 12 hours credit when topics vary. Independent study relevant to the field of international studies.

★ 3019 Fundamentals and Religious Nationalism (3) See REL 3992.

★ 3099 Undergraduate Internship in International Studies (3) F,S,Su Open to undergraduate students approved by the International Studies Program. May be taken for a max. of 6 hrs. of credit when topics vary. Program of study, research, and work in governmental or private agencies concerned with international policy.

★ 3786 Religion of Islam (3) See REL 3786.

★ 3991 Study Abroad in Africa (1-6) May be repeated for up to 12 hours credit when topics vary. Studies in the history, culture, economics, politics, or geography of Africa.

★ 3992 Study Abroad in the Middle East (1-6) May be repeated for up to 12 hours credit when topics vary. Studies in the history, culture, economics, politics, or geography of the Middle East.

★ 3993 Study Abroad in Asia (1-6) May be repeated for up to 12 hours credit when topics vary. Studies in the history, culture, economics, politics, or geography of Asia.

★ 3994 Study Abroad in Europe (1-6) May be repeated for up to 12 hours credit when topics vary. Studies in the history, culture, economics, politics, or geography of Europe.

★ 3995 Study Abroad in Latin America (1-6) May be repeated for up to 12 hours credit when topics vary. Studies in the history, culture, economics, politics, or geography of Latin America.

★ 3996 Study Abroad in Russia and Central Asia (1-6) May be repeated for up to 12 hours credit when topics vary. Studies in the history, culture, economics, politics, or geography of Russia and/or Central Asia.

4000 International Studies Workshop (3) For international studies majors in junior or senior year. Prereq.: consent of instructor. Development of research project in international studies—prospectus, annotated bibliography, and research proposal.

4008 South Asian Society, Politics, and Culture (3) Cross-listed with ANTH 4002, GEOG 4002, and REL 4001. Historical anthropological of South Asia examining the four major cultural traditions (Hindu, Islamic, British, and nationalist) which currently shape the politics of nationalism, development, ethnicity, caste, and gender in the region.

4003 International Studies Senior Seminar (3) Prereq.: Ants 3001 and 9 hrs. of additional upper level courses in an area of concentration. Required for all international studies majors, seniors only. Advanced theory and case studies of globalization in an interdisciplinary perspective.

4010 A History of Geopolitics (3) History of European geopolitics and geopolitical thought from Thucydides through the end of the Cold War.

4033 Geography of Central Asia and Afghanistan (3) See GEOG 4033.

4051 North Africa and the Middle East (3) See GEOG 4051.

4095 The Middle East to 1800 (3) See HIST 4095.

4096 The Modern Middle East (3) See HIST 4096.

4100 Migration, Diasporas, and Identity (3) An interdisciplinary survey of the global migration in the modern era and the resultant subnational and transnational forms of community, identity, and subjectivity: colonists, exiles, immigrants, refugees, and transnationals.

4997 Special Topics in International Studies (3) May be repeated for a max. of 6 hrs. of credit when topics vary.

4998 Special Topics in International Studies (3) May be repeated for a max. of 6 hrs. of credit when topics vary.