

- 516: Production Planning and Sequencing.** 0-3-3. Advanced methods in production planning. Sequencing criteria and algorithms. Job shop and flow shop sequencing. Computer application and simulation.
- 521: Methods of Optimization.** 0-3-3. District elimination methods of sequential search, even-block search, Fibonacci search and golden section and odd-block search. Pattern search, gradient method and geometric programming.
- 530: Advanced Topics in Manufacturing Automation and Robotics.** 3-2-3. Advanced issues in the strategic approach to product design and manufacturing systems design. Integration of islands of automation. Product design for automation.
- 550: Special Problems.** 1-4 hour(s) credit. Advanced problems in industrial engineering.
- 551: Research and Thesis in Industrial Engineering.** Registration in any quarter may be for three semester hours credit or multiples thereof. Maximum credit allowed is six semester hours.
- 555: Practicum.** 0-3-3 (6). Preq., 12 semester hours of graduate work. Analytical and/or experimental solution of an engineering problem; technical literature survey required; development of engineering research literature.
- 557: Special Topics: Industrial Engineering.** 0-3-3 (9). The topic or topics will be selected by the instructor from the various sub-areas of industrial engineering. May be repeated as topics change.

#### INTERIOR DESIGN (IDES)

- 250: Introduction to Interior Design.** 0-2-2. Introductory examination of Interior Design with topical investigations into the process of design, design elements, lighting, color, surface treatments, and space planning.
- 352: Interior Design I.** 6-1-3. Coreq., IDES 350. Studio problems in the space planning and design of interior environments, emphasis on design methodology, materials, furnishing systems, detail drawing and presentation.
- 353: Interior Design II.** 6-1-3. Preq., IDES 352. Continuation of IDES 352. Studio problems in the space planning and design of interior environments, emphasis on design methodology, materials, furnishing systems, detail drawing and presentation.
- 354: Interior Design III.** 6-1-3. Preq., IDES 353. Continuation of IDES 353. Culmination of a three-course series. Studio problems in the space planning and design of interior environments, emphasis on design methodology, materials, furnishing systems, detail drawing and presentation.
- 355: Interior Design Theory & Issues I.** 0-1-1. Preq., Junior standing. Examination and analysis of the formal, contextual, conceptual, and/or operational issues associated with the use of textiles in residential and commercial interiors.
- 356: Interior Design Theory & Issues II.** 0-1-1. Preq., Junior standing. Examination and analysis of the formal, contextual, conceptual, and/or operational issues associated with the use of color in residential and commercial interiors.
- 357: Interior Design Theory & Issues III.** 0-1-1. Preq., Junior standing. Examination and analysis of issues associated with various specialized design practices.
- 451: Furniture Design.** 6-1-3. Original student furniture design concepts are developed through a coordinated study and analysis of function, anthropometric, structures, materials, construction, and industrial processes.
- 452: Interior Design IV.** 6-1-3. Preq., IDES 354. Examination of large scale commercial and/or residential interior projects through detailed design and development emphasizing the integration of interior environments with architectural envelopes.
- 453: Interior Design V.** 6-1-3. Preq., IDES 452. Examination of large scale commercial and/or residential interior projects through detailed design and development emphasizing the integration of interior environments with materials and systems.
- 454: Interior Design VI.** 6-1-3. Preq., IDES 453. Examination of large scale commercial and/or residential interior projects through detailed design and development emphasizing the formal and spatial articulation of interior environments.
- 456: Professional Practices.** 0-3-3. Preq., Junior standing. Preparation for entering the professional practice of interior design; includes office procedures, business ethics, contract documents, specifications, and market sources, etc.
- 457: History of Furniture I.** 0-3-3. Preq., ARCH 211, 222, and 231. History of periods of furniture design from antiquity to industrial revolution,

- including study of dominant influences and characteristics of historical interiors, furnishings, and ornamental design.
- 458: History of Furniture II.** 0-3-3. Preq., IDES 457. A history survey of the development of contemporary design from art Nouveau to the present, including architectural elements, furniture, lighting, wallcovering, flooring, and building materials.
- 500: Design Research Methods.** 0-3-3. Preq., Graduate standing or consent of instructor. An introduction to research methods applicable to the execution of scholarly investigations in the discipline of interior design.
- 510: Interior Design Graduate Studio.** 12-0-4 (12). Preq., Graduate standing. Guided studio projects involving exhibition, furniture, or universal design.
- 520: Interior Design Graduate Research.** 6-1-3 (9). Preq., IDES 500. Guided research projects into various aspects of interior design.
- 530: Interior Design Graduate Seminar.** 0-3-3 (9). Preq., Graduate standing. Reading and discussion of current topics associated with interior design education, research, or practice.
- 540: Graduate Interior Design Internship.** 20-0-6 (18). Preq., Graduate standing and consent of graduate program coordinator. Supervised interior design experience emphasizing application of principles in a research, manufacturing, or practice setting.
- 550: Research & Thesis in Interior Design.** 12-0-4 (12). Preq., IDES 500. Preparation, development, and execution of a well-designed thesis under the supervision of the student's graduate committee.
- 560: Research & Project in Interior Design.** 12-0-4 (8). Preq., IDES 500. Preparation, development and execution of a comprehensive design project under the supervision of the student's graduate committee.
- 570: Graduate Design Exhibition.** 12-0-4. Preq., IDES 560. Preparation and installation of an exhibition of a comprehensive design project or graduate design work.

#### JOURNALISM (JOUR)

- 101: News Writing.** 0-3-3. May be taken with ENGL 101. Beginning course in news writing. Work on "leads" and other newspaper writing basics. Typing ability required.
- 102: News Writing.** 0-3-3. Preq., JOUR 101. Involves principles of interviewing, advanced reporting and specialty writing such as police reporting, consumer reporting and coverage of public affairs.
- 222: Using the Internet for Research.** 0-3-3. Use of the Internet as a means of conducting research, with particular emphasis on the World Wide Web. Discussion and practical application of Internet-based research techniques.
- 310: Copy Editing.** 0-3-3. Preq., JOUR 101. Course dealing with methods of editing copy and the writing of headlines.
- 311: Advanced Copy Editing.** 0-3-3. Preq., JOUR 310. Techniques of newspaper makeup and layout; includes writing headlines, editing wire copy, cropping and sizing photography, principles of makeup and dummyping of pages.
- 320: Feature Writing.** 0-3-3. Preq., JOUR 101, 102. Practical instruction in gathering material for "human interest" and feature articles of various types for magazines as well as newspapers.
- 330: Editorial Writing.** 0-3-3. Preq., JOUR 101. Course in the study of fundamentals and practice in editorial writing. Course includes units on recent history and current events.
- 350: Practical Reporting.** 6-0-2 (4). Open only to journalism majors or minors. Preq., JOUR 101, 102, 310, 320. Writing of articles for the university newspaper upon assignment or consultation with faculty supervisor. May be repeated for two additional semester hours' credit.
- 353: General Newspaper Work.** 6-0-2 (4). Open only to journalism majors or minors. Preq., JOUR 101, 102, 310, 320. Practical lab work on university newspaper. May be repeated for two additional semester hours credit.
- 355: Practical Reporting.** 6-0-2. Open to majors and minors only. Preq., JOUR 101, 102, 310, 320. Practical lab work on "The Tech Talk." May be repeated for two additional semester hours credit.
- 360: Advertising.** 0-3-3. Fundamental study of advertising principles, including information on major media.
- 375: People and Events.** 0-3-3. Creative writing, as it applies to magazines and newspapers. A "how-to-get-published" primer, with oral and written critiques of work.
- 400: Media and the Law.** 0-3-3. Preq., 9 hours of JOUR. Emphasis on legal rights, responsibilities related to the media, and the public's right to know. Media court cases to be considered.

- 420: Civic Journalism.** 6-1-3. Introduction to concepts of engaging public in civic discussions and information flow using news media. Hands-on experience in news writing and data collection and analysis.
- 440: Media and Culture.** 3-2-3. Impact of mass media on culture through lectures and laboratory experiences. Examination of historical context and current processes that shape media and culture.
- 450: Public Relations.** 0-3-3. Comprehensive approach into diverse functions of the practitioner as a specialist, analyst and counselor relevant to public relations' role involving monitoring public opinion.
- 451: Advanced Practical Reporting.** 6-0-3. Junior and senior majors only and by permission of instructor. Consists of practical news work in professional media, work ranging from basic news beat coverage to news writing.

#### LIBERAL ARTS (LBAR)

- 189: Special Topics.** 1-4 hours credit (4). Selected topics in an identified area of study in the College of Liberal Arts. May be repeated for credit.
- 194: Special Topics.** 1-4 hours credit (4). Selected topics in an identified area of study in the College of Liberal Arts. May be repeated for credit.
- 289: Special Topics.** 1-4 hours credit (4). Selected topics in an identified area of study in the College of Liberal Arts. May be repeated for credit.
- 294: Special Topics.** 1-4 hours credit (4). Selected topics in an identified area of study in the College of Liberal Arts. May be repeated for credit.
- 389: Special Topics.** 1-4 hours credit (4). Selected topics in an identified area of study in the College of Liberal Arts. May be repeated for credit.
- 394: Special Topics.** 1-4 hours credit (4). Selected topics in an identified area of study in the College of Liberal Arts. May be repeated for credit.
- 435: Undergraduate Research.** 1 - 3 hours credit (6). Introduction to methods of research. Preq., consent of instructor. Credit depends on nature and depth of problem assigned.
- 489: Special Topics.** 1-4 hours credit (4). Selected topics in an identified area of study in the College of Liberal Arts. May be repeated for credit.
- 494: Special Topics.** 1-4 hours credit (4). Selected topics in an identified area of study in the College of Liberal Arts. May be repeated for credit.
- 500: Orientation to Professional Practice.** 0-3-3. This course will familiarize graduate students with the principal issues concerning professional practice in their chosen fields of study.
- 503: Special Problems.** 1-3 hours credit (6). Independent study. Topics arranged to meet the needs of the student.
- 551: Research and Thesis.** 3 hours credit or multiple thereof. Maximum credit allowed is 6 hours.
- 589: Special Topics.** 1-4 hours credit. Preq., graduate standing. Selected topics in an identified area of study in the College of Liberal Arts.
- 594: Special Topics.** 1-4 hours credit. Preq., graduate standing. Selected topics in an identified area of study in the College of Liberal Arts.

#### LIBRARY SCIENCE (LSCI)

- LSCI courses numbered 300 and 400 are open only to juniors and seniors.
- 201: Books and Materials for the Elementary School.** 0-3-3. A study of the reading interests of children. Selection and evaluation, sources and use of materials with children. Extensive reading of children's books.
- 210: Libraries and Librarianship.** 0-3-3. Introductory survey of libraries and librarianship designed for students entering the profession.
- 401: School Library Administration.** 0-3-3. Administration of the school library with emphasis on planning for effective use of library services and materials in cooperation with instructional staff. (G)
- 402: Acquisition and Organization of Library Materials.** 0-3-3. Preq., LSCI 401 or consent of instructor. Basic principles of cataloging and classifying print and non-print materials. Study of Dewey Decimal Classification System. (G)
- 403: Introduction to Reference Materials and Service.** 0-3-3. Selection, evaluation and use of basic reference works. Practice in solution of typical reference problems. Emphasis on school library as learning center. (G)
- 405: Books and Materials for the Young Adult.** 0-3-3. Selection, evaluation, and source utilization of print and non-print materials meeting the needs of the young adult. Extensive reading of books for the young adult. (G)
- 435: Internship in Library Science.** 1-3 hours credit (6). Preq., twelve semester hours of Library Science. Supervised library science experience in the elementary or secondary school. (Pass/Fail).

- 440: Library Automation.** 0-3-3. Preq., LSCI 210, 302 or consent of instructor. Planning and implementing automated library procedures using the most current technology. (G)
- 450: Literature for Children.** 0-3-3. Designed to relate understanding of child development to knowing and using print and non-print materials with children. Practical experience in story-telling and creative drama. (G)
- 451: Workshop in School Librarianship.** 0-3-3 (6). Preq., professional school experience and consent of instructor. An in-depth study of school library learning center programs. May be repeated for credit when topics vary. (G)

#### LOUISIANA EDUCATION CONSORTIUM (LEC)

- 700: Introduction to Doctoral Research Design.** 0-3-3. This course is designed to extend the student's knowledge of and expertise in areas of research design, style, and format of writing a dissertation as well as use of graduate electronic resources and statistical analysis.
- 701: Utilizing Technology for Statistical Analysis in Education.** 0-3-3. This course surveys procedures for using the computer in text editing, data management, and statistical processing of research data.
- 702: Evaluation Theory and Practice.** 0-3-3. This course investigates the theories and practices associated with performance evaluation, focusing on individual, instrument, and program evaluation and the decision-making processes associated with each.
- 703: Qualitative Research in Education.** 0-3-3. This course examines theories and methods of qualitative educational research, including ethnography, case studies, interview studies, and document analysis.
- 704: Sociocultural Issues in Education.** 0-3-3. This course examines and analyzes sociocultural issues relating to the delivery of educational services in school districts with diverse student populations.
- 705: Problem Solving and Decision-Making Processes.** 0-3-3. Applied strategies and techniques involved in problem-solving behaviors are presented. Models of decision-making are explored with emphasis on methods and processes in decision-making.
- 706: Interpersonal Communication and Conflict Resolution.** 0-3-3. Methods and styles of positive interpersonal communication and techniques and methods of conflict resolution utilized by administrators and faculty are presented.
- 707: Curriculum Theory and Design.** 0-3-3. This course focuses on school curriculum theory, design, revision, reform and critical issues.
- 708: Models of Teaching: Theories and Application.** 0-3-3. Preq., LEC 707 or concurrent enrollment. This course builds the requisite knowledge and skills for selecting and implementing various teaching models congruent with specific teaching and learning needs.
- 709: Research on Effective Teaching and Learning.** 0-3-3. This course examines research-based theories and practices of teaching and learning, including diagnosing student needs and selecting appropriate learning strategies.
- 710: Foundations and Procedures for Professional Development.** 0-3-3. This course focuses on analysis of the professional environment with emphasis on procedural strategies for professional development as evidenced by teaching, service, and research.
- 711: Advanced Theory and Research in Educational Leadership.** 0-3-3. Conceptual models used to define and explain learning organizations and the investigation of leadership roles, strategies, and methods.
- 712: Advanced Principles of Organization and Administration of Schools.** 0-3-3. Organization and administration of schools, including fundamental concepts of organization, administration, and management are explored.
- 713: Foundations of Human Resource Development.** 0-3-3. Theories of human resource development and exemplary models are identified and analyzed. Utilization of human resource information system technology is included.
- 714: Policy Analysis and Power Structure.** 0-3-3. Educational policy processes in school administration and supervision, authority and responsibility, public policy, power structure, school boards, principalships, and superintendency roles are presented.
- 715: Advanced Content Methodology and Techniques.** 0-3-3. This course analyzes and evaluates content-specific methods, techniques, and trends for early childhood, elementary, middle and secondary education.
- 716: Problems and Issues in Curriculum and Instruction.** 0-3-3. This course analyzes and evaluates current curriculum concepts and designs as well as major trends in curriculum and instruction for K - 12 settings.