

**IDS771 Explorations in Creativity****3 Credits**

This is an experiential and informative course designed to provide an introduction to techniques that can stimulate innate creativity. Creativity is not limited to the expressive arts, but can also be a way of thinking, working, interacting and expressing oneself in daily living. The course will focus on facilitating creative expression in educational, mental health, and participant's home and work environments. Discussions, readings and activities will be planned to provide background information and experiences in individual creating styles, communication skills, journal writing, movement, music, play, guided imagery, and the use of symbols and ritual. Guest presenters will share the knowledge.

IDS820 Human Sexuality**3 Credits**

A review of the subject matter and pedagogy of human sexuality as a topic in the secondary curriculum. The course will examine topics such as human anatomy and physiology, reproduction, the language of sexuality, birth control and abortion, masculinity and femininity, homosexuality, variations of sexuality, pornography, rape, masturbation and venereal disease. Class discussions, role-playing, films and TV tapes, and a variety of other learning techniques will be used as methods of learning about these subjects and as illustrations of methods that can be used in the secondary classroom. Each student will be expected to complete a major project.

Library Science

LBS710 Reference Materials and Research**3 Credits**

Introduction to reference services in libraries. Explores bibliographic organization in different subject areas. Emphasis on materials in a college collection. Knowledge of research strategies and comparative critical skills developed through weekly exercises. One extensive, annotated bibliography to be prepared by each student. Some hands-on experience with electronic resources.

LBS720 Cataloging and Classification: Print and Non-Print Materials**3 Credits**

This course is an introduction to the technical processing and organization of print and non-print materials. The focus will be on descriptive cataloging and subject classification emphasizing the Dewey Decimal Classification System used in most media centers. Students will learn to catalog using a hands-on approach. The creation and application of MARC records in on-line catalogs will also be covered.

LBS724 Electronic Technologies for Information Retrieval**3 Credits**

This course will provide an overview of new and emerging technologies for information retrieval in all types of library settings, such as online databases, CD-ROM, electronic bulletin boards, information networks, online catalogs, and interactive videodiscs. The course will discuss the application of these technologies, as well as the criteria for their selection and evaluation. It will also cover end user access to technologies, and the changing role of librarians in accommodating them. Participants will gain hand-on experience with all technologies covered in the course.



LBS726 Dreams and Dilemmas: Serving the Young Adult **3 Credits**

Issues and problems that face the adolescent and books addressing these issues and their surrounding controversies will be explored. Students will investigate practical methods for overcoming problems in school and public libraries. Particular attention will be paid to current issues and trends in both fiction and non-fiction. Preparing pathfinders, bibliographies and CD-ROMs that supplement the curriculum will also be covered. In addition, background information on the historical and psychological aspects of adolescence/adolescents as well as current research will be reviewed.

LBS730 Administration of the School Media Center **3 Credits**

This course examines in detail school media center management. Topics for discussion include the following: developing media center goals and procedures; integrating technology with school curriculum; traditional vs. computer-assisted skills and research; providing services to students, staff, and parents; approaches to staff development; examining facilities, equipment, systems of classification, cataloging, circulation and media center resources; making purchases; and personnel issues. A portion of this course involves completion of a special project relating to the required pre-practicum experience which requires 25 hours of field experience and observation.

LBS740 Introduction to Library Programs **3 Credits**

All public services in different library settings will be explored using the case study approach. Students will analyze the problems and services of different types of libraries and present solutions with particular attention to varying needs of the public and creative management of stable factors such as library size, budget and staff. Coordination of programs within given library settings will also be discussed. A pre-practicum field experience will be required.

LBS780 Media in the Instructional-Design Plan **3 Credits**

This course will cover five topics in the area of Media use: Assessment of the School Population, Design of Physical Facilities, Relationship of Media to Curriculum, The Center as a Resource, Public Relations and Staff Training. The course will include field trips, lectures and special assignments. Meets Standard 111 of Regulations for Certification. A pre-practicum field-experience will be required.

LBS803 K-12 Literature Survey **3 Credits**

The K-12 Literature survey course is a one week or 5 Saturdays course offered for school library media specialists and other educators interested in expanding their knowledge of children's literature. Via author visits, lectures, presentations, and discussions students will be exposed to a variety of literature, both fiction and nonfiction.

LBS815 Instructional Resource Selection and Curriculum Development K-12 **3 Credits**

Issues, policies and procedures for K-12 materials selection, print and nonprint, will be the focus of the course which is designed for Media Specialists, teachers, administrators and resource personnel responsible for curriculum and program development, information retrieval and dissemination and individualization of instructional resources. Selection guidelines, censorship, budget ramifications and program design are the four major areas to be explored. Students will conduct their exploration through readings, visitations, case studies and by developing a selection policy process and procedure applicable to implementation within their specific setting.

**LBS875, LBS876 Directed Study Media Specialists****3 Credits**

An independent research project supervised by a member of the Library Science Faculty.

LBS900N Practicum Experience for Library**3 Credits**

The Practicum experience consists of 150 hours of supervised experience in a school library media center. This practical experience allows the students to demonstrate his or her knowledge of the various professional competencies required of the library media specialists.

LBS903 Materials Selection in Children's Fiction**3 Credits**

Students will explore the range and types of children's books (K-6) including folklore, realistic fiction, fantasy, picture books and poetry. Within each type, books will be examined to establish criteria for their election and use. Students will become familiar with standard library aids for selection. Availability and use of related media in school literature and library programs will also be considered.

LBS905 Clinical Experience for Library Media Specialists**6 Credits**

The clinical experience leads to full certification as a library media specialist in Massachusetts. This supervised experience involves a total of 400 hours and includes observation and participation in all aspects of the school library media center. The student will have an opportunity to demonstrate professional competencies for meeting the required state standards in practical setting.

LBS980 Advance Reference**3 Credits**

Designed to complement and build on LBS710 which is a prerequisite. Business and legal references are among subjects covered. Each student is responsible for a research paper and a bibliographic instruction presentation. Other weekly exercises include hands-on experience with electronic resources including Internet.

Mathematics

MAT701 Vector and Tensor Analysis**3 Credits**

Suggested topics are: Definition of vectors and transformation equations, general Cartesian co-ordinates; vector and scalar products, geometry of space curves; introduction to differential forms and tensors.

MAT702N Research on Teaching Methods in Mathematics I**3 Credits**

Prerequisites: Completed course in statistics and completion of the Measurement and Evaluation standard

This course will allow the student to find and study models of accomplished researchers on the teaching of Mathematics at the secondary level. The course will examine necessary concepts in research validity; data gathering; instrumentation selection and construction; validation and reliability determinations; sampling techniques; and, research designing. Further, the course will review the application of statistical models salient to designs utilized in conducting research which requires the testing of hypotheses that have been generated from problems in secondary Mathematics. Open only to MAT and M.Ed. candidates for degree credit.