

## **Course Description**

### LS 501 Information Resources and Collection Development

Definition and types of information resources, use of information for studying, collection development and related technology for collection development.

### LS 502 Classification and Cataloging

Objective and use of classification and cataloging system, Dewey Decimal System, book number, subject heading and cataloging rules for information resources.

### LS 611 Information Technology

Information and information management concept, management of information system, computer system, data communication, Internet, and database concept. Technology application for library and information center.

### LS 612 Information services

User and information need, information services, information business, evaluation of information services, information producer, information dissemination, and technology application for information services.

### LS 613 Database Management for Libraries and Information Centers

Prerequisite: LS 611 Information Technology

Concept of database management, database management system functions, database development, retrieving, updating and administration. Selection of database management systems, and database management systems tendencies.

### LS 621 Advanced Classification and Cataloging

Analysis of cataloging and classification system, and technology application for cataloging and classification.

### LS 645 Management in Information Resource for Specialized Areas

Principle of information management, information seeking, evaluation of information resources, and information dissemination services. Study in specific area.

LS 671 Research in Library and Information Science

Concept and process in library and information science research, evaluation of research work, implementation of research result. Library and information science research institute in Thailand and other countries.

LS 675 Statistics for Library and Information Sciences

Statistical data collecting, data analysis, data processing and presenting, data interpretation, statistics for library and information sciences research, and statistical programming package.

LS 685 Historical Background and Development in Librarianship

Trend and development in librarianship in Thailand and other countries. Curriculum design and management, accreditation, and education standard.

LS 715 Computer Programming for Information Handling Application

Prerequisite: LS 611 Information Technology

Concept of computer program development. Logic of programming, structure and command of program, computer programming.

LS 725 Advanced Information Storage and Retrieval

Information storage and retrieval theory and concept. Related technology, process and strategy in information and storage and retrieval, and evaluation of information storage and retrieval system.

LS 727 Website Development and Administration

Planning, creating, and website designing. Mark-up language and Java script, website development and distribution via WWW, search tools construction, and website evaluation.

LS 728 Telecommunications and Computer Networks for Information Works

Concept of telecommunication and computer network, applying telecommunication and computer network for information work. Connection of computer network, management of computer network, ethic and law for network using.

LS 755 Library System Analysis

Prerequisite: LS 611 Information Technology

System development process and system feasibility study. Studying and analyzing of current library system. Designing, testing, implementing, monitoring and assessment of library system, and system management.

LS 756 Digital Library

Definition and development of digital library, software for creating digital collection and digital library management and service. Field trip.

LS 771 Independent Study 1

Students are required to conduct an independent study on topic on their own interest under supervision of advisors.

LS 772 Independent Study 2

Conducts an independent study and presenting to committee.

LS 778 Seminar in Information Science

Analysis of information Science in Thailand.

LS 800 Thesis