

COURSE DETAILS

Master's Degree

13721 Advanced Management of Information Organizations

(6 credits)

Objectives

1. To gain knowledge and understanding about the concepts, theories and principles of advanced management for information organizations.
2. To be able to integrate concepts, theories and research in advanced management of information organizations.

Course Description

Concepts, theories, principles and management processes; management of modern information organizations; strategic management; risk management; change management; knowledge management; quality management; human resource management, record management; the management of finance, procurement and building management; information management; marketing and customer management; information organization evaluation; leadership, professional ethics and codes of practice; application of research to the management of information organizations.

13722 Research and Applied Statistics for Information Science

(6 credits)

Objectives

1. To gain knowledge and understanding of research concepts, research processes, and research methodology in information science.
2. To gain knowledge and competence in the analysis, presentation, and application of statistics to information science research.
3. To gain knowledge and competence in writing research proposals, research reports and research dissemination information science and research ethics.

Course Description

Research concepts, types of research and research processes; formulating research problems; literature reviews; research methodology; research design; the application of statistics to research; the use of software packages for data analysis and presentation; writing research proposals and reports; research dissemination; research ethics; research and information professions; status and trends of information science research.

13723 Information Organization and Retrieval

(6 credits)

Objectives

1. To gain knowledge and understanding about the concepts, theories and research about information organization.
2. To gain knowledge and understanding about the concepts, theories and research about information retrieval.
3. To gain knowledge and understanding about the important issues related to information organization and retrieval.

Course Description

Concepts, theories, and research about information organization and retrieval; classification and information representations; key standards related to information organization and retrieval; information architecture; information retrieval models; libraries and digital information resources; information behavior; use and user studies; evaluation of information retrieval systems; key issues on information organization and retrieval.

13731 Technology for Information Management**(6 credits)****Objectives**

1. To gain knowledge and understanding about the concepts, theories and research about technology for information management.
2. To gain knowledge and understanding about the important issues related to technology for information management.
3. To gain knowledge and competence in the application of technology for information management.

Course Description

Concepts about technology for information management; elements of information technology; data management; databases; data warehousing; information system development; the application of technology for information management; security and safety of information systems; management of information technology with good governance; ethics and laws related to information technology.

13735 Information Behavior and Services**(6 credits)****Objectives**

1. To gain knowledge and understanding about the concepts, theories, and research on information behavior.
2. To gain knowledge and understanding about the concepts, theories, and research on information services.
3. To gain knowledge and ability in applying information behavior and services.

Course Description

Concepts, theories, and research on users; information behavior; information needs; information-seeking behavior; information use; information services; environment of and factors on organizing information services; design of user-centered information services; information sources and dissemination; quality and standards of information services; technology, law and ethics related to users and information services.

13736 Management of Knowledge and Big Data**(6 credits)****Objectives**

1. To gain knowledge and understanding about the concepts, theories, and research about knowledge management.
2. To gain knowledge and understanding about the concepts, theories, and research about big data analysis.
3. To gain knowledge and competence in the application of knowledge management.
4. To gain knowledge and competence in the application of big data analysis.

Course Description

Concepts, theories, and research about knowledge management and big data; factors and processes; strategies; tools and technology for knowledge management and big data; case studies in knowledge management and big data; ethics and laws related to knowledge management; big data governance.

13787 Independent Study (Information Science)**(6 credits)*****Objective***

To be able to conduct research or a study in information science.

Course Description

The selection of problems for research or a study; proposal writing; proposal presentation; analysis of related literature; data collection and analysis; study presentation.

13788 Thesis (Information Science)**(12 credits)*****Objectives***

1. To be able to select research problems for a thesis.
2. To be able to survey and analyze literature related to the thesis.
3. To be able to design research for the thesis.
4. To gain knowledge and skill in writing and presenting the thesis proposal.
5. To be able to develop quantitative research tools.
6. To be able to develop qualitative research tools.
7. To be able to collect, analyze, and present data for the thesis.
8. To be able to present and defend the thesis examination.
9. To be able to write the complete thesis report.
10. To be able to write the research report for publication.

Course Description

Selection of the research problem; survey and analysis of relevant literature; research design; writing and presenting a thesis proposal; tool development for thesis research, both quantitative and qualitative research; data collection; thesis data presentation; thesis presentation and examination defending; writing the complete thesis report; writing the research report for publication.

13789 Graduate Professional Experience in Information Science**(6 credits)*****Objectives***

1. To apply knowledge of information science in information management.
2. To develop leadership skills, morals and professional ethics in information science.

Course Description

Analyzing and organizing information organizations; development of problem-solving skills in information management; application of technologies in information management; development of leadership skills in the information profession; teamwork; enhancement of morals, ethics and professional ethics in information science.

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