

Dr. Peter Jacso

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Class office hours: Mondays after class and by appointment

Class hours: on Mondays 5:00 p.m. - 7:40 p.m.

Classroom: Hamilton 2-K.

Textbook: None

Course Description

This course educates students about the software tools and information sources of advanced database searching. It includes such topics as selection of online information systems and databases, advanced techniques for index and thesaurus browsing, query formulation, expansion and refinement; traditional and autonomous citation indexing and searching, measuring the publishing productivity and prestige, impact and popularity of databases, journals, institutions, countries and researchers, the use of resource discovery tools, metasearch engines, federated searching, metadata and linking among publishers' archives, abstracting/indexing databases and full-text aggregator sites. Students will be provided demonstrations of and/or access to several advanced online information systems.

Prerequisite: LIS 663 Basic Database Searching.

Student Learning Outcomes

1. Understand, apply and articulate the history, philosophy, principles and ethics of library and information science and the related professions
 - Apply LIS theory and principles to diverse information contexts
 - Develop and apply critical thinking skills in preparation for professional practice
2. Develop, administrate, assess, and advocate for information services by exercising principled communication, teamwork and leadership skills
 - Develop, manage, and assess information services for specific users and communities
3. Organize, create, archive, preserve, retrieve, manage, evaluate, and disseminate information resources in a variety of formats
 - Demonstrate understanding of the processes by which information is created, evaluated, and disseminated
 - Search, retrieve and synthesize information from a variety of systems and sources
4. Evaluate and use the latest information technologies, research findings and methods
 - Evaluate systems and technologies in terms of quality, functionality, cost-effectiveness and adherence to professional standards
 - Integrate emerging technologies into professional practice
 - Apply current research findings to professional practice

Course Learning Objectives

- Learn about the state-of-the-art in online database searching, with emphasis on their use in support of research in academic and special libraries and information centers
- Become acquainted with the advanced and unique characteristics of bibliographic and non-bibliographic databases from a searcher's point of view.
- Learn the concept of advanced search techniques and discovery of good quality information resources
- Understand the importance of the quality, prestige, impact and popularity of information sources, and the dimension of coverage of such sources by databases
- Learn about the ways and means of conducting federated searching across information sources and linking to digitally available assets.

Professional Expectations

All students in the Program are expected to become familiar with and adhere to the Professional Expectations posted at <http://www.hawaii.edu/lis/students.php?page=profexp>

Teaching Method

The course applies a combination of lectures, demonstrations, students' exercises and seminar-like activities.

The exercises allow students to demonstrate their database searching skills and knowledge of the principles and issues of advanced database searching.

Class-room activities require students to share their experience and to get reaction from others in the class.

Assignments and Grading

Initial assignment	20% of the grade
Mid-term assignment	25% of the grade
Term assignment	30% of the grade
Class-room activity	10% of the grade
Reading evaluation	15% of the grade

Students are expected to be very active in the small class by making presentations, asking questions, bringing up interesting issues which relate to the topics of the course, and discussing current issues they read about or experienced in the library and are relevant to the subjects of the course.