COURSE DETAIL

WEB DATA MINING
Country China
Host Institution Peking University, Beijing
Program(s) Peking University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 161
UCEAP Course Suffix
UCEAP Official Title WEB DATA MINING
UCEAP Transcript Title WEB DATA MINING
UCEAP Quarter Units 3.00
UCEAP Semester Units 2.00

Course Description
With the explosive growth of web content (texts, web pages, and images), existing search engines usually return lots of results to users, but useful information and knowledge from the search results is rare. It is feasible to analyze the large and heterogeneous web content from different dimensions, and dig out semantic knowledge by using data mining and natural language processing techniques. Based on the semantic knowledge, users can perform knowledge-based retrieval. This course introduces the fundamental techniques for web data mining and several advanced research topics. Topics include search engines, link analysis and web page ranking, query analysis and expansion, information filtering and recommendation, web information retrieval, question answering, document summarization, machine translation, sentiment analysis and opinion retrieval, object-level vertical search, mobile search, and social network analysis.

Language(s) of Instruction
Chinese

Host Institution Course Number
4832192

Host Institution Course Title
WEB DATA MINING

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science

Course Last Reviewed

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