

CULTURAL ANALYTICS (IAL)

IAL 600X Experimental Course 1-6

This number reserved for experimental courses. Refer to the Course Schedule for current offerings.

IAL 620 Text Mining and Natural Language Processing 3

Students collect and analyze unstructured text data using web/API scraping methods, and then analyze their corpus using text mining and natural language processing. Additionally, students conduct a survey of relevant issues pertaining to privacy rights and intellectual property rights for web scraping and text mining methods.

Prerequisites: Admission to major or permission of instructor.

Notes: Same as ENG 607.

IAL 621 Content Analysis for Social Network Data 3

Students collect social network data to analyze trends (both #hashtag trends and organic/non-tagged trends), focusing specifically on audience engagement and comments. Additionally, students conduct a survey of relevant issues pertaining to privacy rights and intellectual property rights for social network trends and audience analytics.

Prerequisites: Admission to major or permission of instructor.

Notes: Same as ENG 610.

IAL 622 The Internet of Things and Wearable Analytics 3

Students collect remote/mobile data using a microcomputer (Arduino, Raspberry Pi) or mobile phone, and then analyze that data by creating a dashboard visualization of their data. Additionally, students conduct a survey of relevant issues pertaining to surveillance and privacy rights for remote/mobile data collection projects.

Prerequisites: Admission to major or permission of instructor.

Notes: Same as ENG 613.

IAL 689 Capstone Project in Cultural Analytics 3

Capstone course. Students work with local industries and nonprofit organizations to solve important data science problems under the supervision of a mentor.

Notes: Same as ENG 624.