GLIS673 – Bioinformatics Resources
Web Syllabus

Calendar Description

Bioinformatics from a library and information science perspective: biological foundation for bioinformatics; bioinformatics information needs and behaviours; information retrieval using key bioinformatics resources; the role of biology, computer science and library and information science; ethics.

Learning Outcomes
By the end of the course, the student should be able to:
1. define bioinformatics and its core elements
2. identify the basic biology and genetics concepts that underpin bioinformatics
3. demonstrate effective information search skills and appropriate selection of resources
4. analyse the role and significance of bioinformatics librarianship/information science in different contexts
5. value and appreciate the role of librarians and significance of information science (as well as other disciplines) within the interdisciplinary field of bioinformatics

Assessment*

Assignment/Project/Quiz/Exam	% of grade	Ind or Group
Search/resource assignments	40	Individual
Database presentation	20	Group
Review article	30	Individual or pair (student choice)
Participation	10	

Required Readings*

Readings will be posted to MyCourses on a weekly basis.

Additional Comments (if needed)

Biology/science background not required.

*note that readings and assignments can vary from year to year; updated detailed course outlines will be available on myCourses