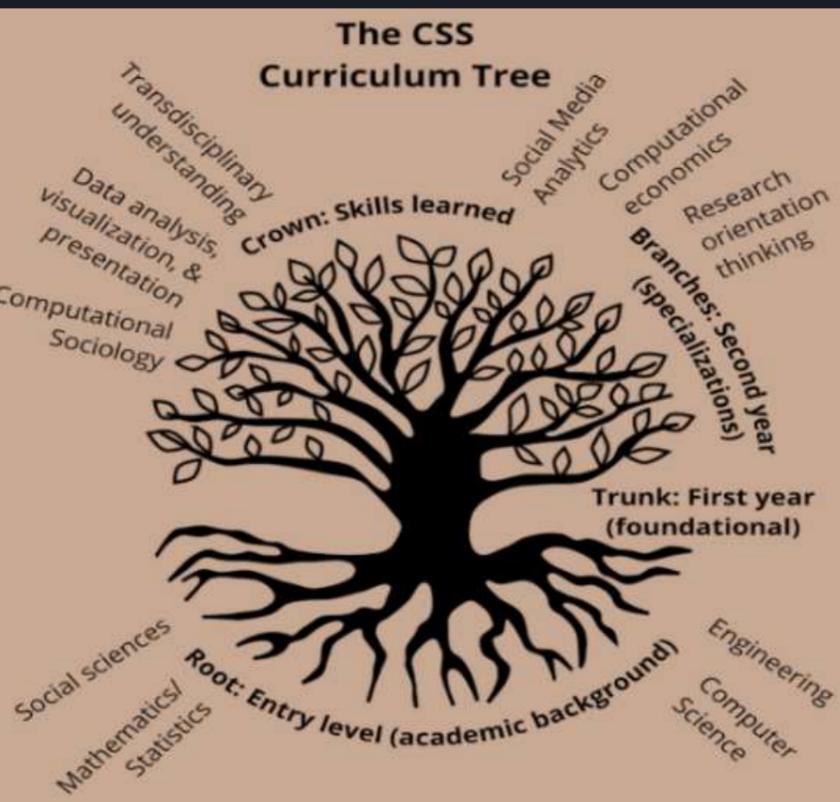




Master's Program in Computational Social Science

The **Master's in Computational Social Science (MSc. CSS)**, which commenced in July 2022, is the flagship programme of the School of Liberal Arts (SoLA), Indian Institute of Technology (IIT) Jodhpur.

The program seeks to develop highly skilled graduates equipped with theoretical, technical, and application oriented knowledge that will enable them to construct, improve, analyze, and apply theoretically informed models to understand processes and phenomena.



PROGRAM DESCRIPTION

FIRST YEAR

Introductory papers in the intersection of social science and computational methods (including Statistics, Programming in R, Machine Learning, Data Visualization, etc.) aimed at preparing students for tasks in data analytics.

SECOND YEAR SPECIALIZATION

- Computational Sociology
- Mathematical and Computational Economics
- A Guided Curated Option for those who would like to opt for courses from both streams

GRADUATE OUTCOMES

The program envisions the development of students who will be professionals and global citizens who:

- Know how social science queries can be approached through data driven tools and approaches
- Have a good theoretical understanding of the intricacies of social systems and be proficient in handling social data for practical applications
- Have a competitive edge in knowing how data in the social sciences can be visualized and analyzed by computational methods
- Have research oriented thinking and will be able to explore social phenomena without traditional disciplinary or methodological constraints