

Semester	AUG 2022
Open to semester	5,7,11,13,21
Course code	<b>BI3333/HS3173/BI6363</b>
Course title	<b>Disease and Discourse</b>
Credits	3 /3
Course Coordinator & participating faculty (if any)	Nishad Matange*, Pooja Sancheti
Nature of Course	Lectures
Pre-requisites	Basic knowledge of biology and an interest in HSS
Objectives (goals, type of students for whom useful, outcome etc)	<p>Objectives:</p> <ol style="list-style-type: none"> <li>1. To introduce students to a wide discourse on disease, including pathogen biology, epidemiology, policy, history, literature, and film</li> <li>2. To examine the intersection of science, scientific institutions, and cultural institutions using the specific case of HIV/AIDS</li> <li>3. To train students to engage with multi-disciplinary material to understand disease in a more holistic fashion</li> </ol> <p>Outcomes:</p> <p>By the end of the course, we hope to have:</p> <ol style="list-style-type: none"> <li>1. Provoked students to look beyond a unidimensional approach to understand disease</li> <li>2. Equipped them to critically analyse policy and socio-cultural institutions related to health management</li> <li>3. Trained them to collate research and articulate their findings on a disease of their choice</li> </ol>
Course contents (details of topics /sections with no. of lectures for each)	<p>Part I: Many narratives for contagion</p> <p>Lecture 1: Metaphors for imagining disease</p> <p>Lecture 2, 3, 4: Infectious versus non-infectious (lifestyle and genetic diseases); focus on infections: bacterial, viral, and others; disease and pathogenesis (what gives rise to the pathology of a disease); vectors in disease-transmission; treatment and prevention</p> <p>Lecture 5, 6, 7: What is epidemiology; concepts of endemic, pandemic, epidemic; interventions (policy); modelling transmission of disease; epidemiological transition theory;</p>

	<p>Lecture 8, 9, 10: Colonialism and disease; transmission from colony to settler and vice-versa; medical and social interventions based on economic, colonial, and military necessities</p> <p>Part II: HIV/AIDS as a case study</p> <p>Lecture 11, 12: Discovery of HIV, AIDS research and social stigma, immunodeficiency</p> <p>Lecture 13, 14, 15: HIV biology, pathology, and evolution</p> <p>Lecture 16, 17, 18: Epidemiology of HIV; zoonoses and spread, policies for intervention, drugs and vaccines, India centric HIV (MSM, sex workers etc.)</p> <p>Lecture 19, 20: Sociology of AIDS (leading up to literature)</p> <p>Lecture 21, 22, 23, 24, 25: Literature (short story, play, and film adaptation) on AIDS</p> <p>Part III: Student evaluations</p> <p>Lecture 26, 27, 28: Student presentations on other infectious diseases</p>
Evaluation /assessment	<p>End-Sem Examination-30%</p> <p>Mid-Sem Examination-30%</p> <p>Others-40% on continuous assessment and paper presentation%</p>
Suggested readings (with full list of authors, publisher, year, edn etc.)	<p>All material will be provided during the course. Selections from Primary sources (may include but are not restricted to):</p> <p>Research and review articles on HIV biology, pathology, and historico-cultural resonances</p> <p>Susan Sontag, <i>Illness as Metaphor</i></p> <p>Monica B Pearl. <i>AIDS Literature and Gay Literature</i>. Routledge, 2015.</p> <p>Dallas Buyers' Club</p> <p>Paul Monette, <i>Halfway Home</i></p> <p>Megan Vaughan, <i>Curing their Ills: Colonial Power and African Illness</i></p> <p>Rent</p> <p>Contagion</p> <p>Selections from <i>Things Shaped in Passing</i></p> <p>Allen Barnett, "Philostorgy, Now Obscure"</p> <p>Abraham Verghese, <i>My Own Country</i></p>