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Curricular Component	Courses
1. Core	CSS 2100: Core Concepts in CSS
1. Core	CSS 3100: Social Theory-Guided CSS
1. Core	CSS 4500: Advanced Computational Social Science Toolbox
1. Core	CSS 4901: CSS Capstone
1. Core	STAT 2450: Intro to Statistical Analysis I
1. Core	STAT 5731: Introduction to R for Data Science I
1. Core	STAT 5732: Introduction to R for Data Science II

2. Elective	COMM 2540: Introduction to Communication Technology
2. Elective	INTSTDS 3702: Herding Cyber Cats- Information Security Management
2. Elective	PHILOS 2332.01: Engineering Ethics for a Diverse & Just World
2. Elective	SOCIOL 3302: Technology & Global Society
3. Social Science Minor (Track A)	
4. CSS Methods (Track A)	CSS 2500: Methods & Theory in Computational Social Science I
4. CSS Methods (Track A)	CSS 3500: Methods & Theory in Computational Social Science II
5. Formal Theorizing (Track A)	ANTHROP 3623: Environmental Anthropology
5. Formal Theorizing (Track A)	ANTHROP/EEOB/FABENG 5505: Wicked Science
5. Formal Theorizing (Track A)	COMM 4665: Human Communication in Social Networks
5. Formal Theorizing (Track A)	ECON 2202.01: Principles of Macroeconomics
5. Formal Theorizing (Track A)	ECON 2001.01: Principles of Microeconomics
5. Formal Theorizing (Track A)	ECON 4001.01: Intermediate Microeconomics

5. Formal Theorizing (Track A)	GEOG 2200: Mapping Our World
5. Formal Theorizing (Track A)	GEOG 5210: Fundamentals of GIS
5. Formal Theorizing (Track A)	POLITSC 4553: Game Theory for Political Scientists
5. Formal Theorizing (Track A)	POLITSC 3500: Political Games: Rational Choice Theory & the Study of Politics
5. Formal Theorizing (Track A)	SOCIOL 4650: Social Networks
5. Formal Theorizing (Track A)	SOCIOL 5463: Advanced Social Stratification
6. Statistics Minor (Track B)	
7. Social Science Training Cluster (Track B)	ANTHROP 2202(H): Introduction to Cultural Anthropology
7. Social Science Training Cluster (Track B)	ANTHROP 3027: Disasters & Health
7. Social Science Training Cluster (Track B)	ANTHROP 4525: History of Anthropological Theory
7. Social Science Training Cluster (Track B)	ANTHROP 5626: More: Culture & Economic Life
7. Social Science Training Cluster (Track B)	ANTHROP 5627: Migrants & Refugees
7. Social Science Training Cluster (Track B)	ANTHROP 5650: Research Design & Ethnographic Methods

7. Social Science Training Cluster (Track B)	ANTROP 3302: Introduction to Medical Anthropology
7. Social Science Training Cluster (Track B)	ANTHROP/HISTORY 4706: Chronic Illness, Injury, & Disability in Modern History
7. Social Science Training Cluster (Track B)	ANTHROP 5600: Evolutionary Medicine
7. Social Science Training Cluster (Track B)	ANTHROP 5601: The Anthropology of Sex, Drugs, & HIV
7. Social Science Training Cluster (Track B)	ANTHROP 5602: Women's Health in Global Perspective
7. Social Science Training Cluster (Track B)	ANTHROP 3050: Social & Ecological Systems: From Problems to Prospects
7. Social Science Training Cluster (Track B)	ANTHROP 3411: Human Ecological Adaptations
7. Social Science Training Cluster (Track B)	ANTHROP 3604: Introduction to the Methods of Archaeological Science
7. Social Science Training Cluster (Track B)	ANTHROP 3623: Environmental Anthropology
7. Social Science Training Cluster (Track B)	ANTHROP/EEOB/FABENG 5505: Wicked Science
7. Social Science Training Cluster (Track B)	ANTHROP 5610: Ethnobotany
7. Social Science Training Cluster (Track B)	ANTHROP 5620: Hunters & Gatherers
7. Social Science Training Cluster (Track B)	ANTHROP 2201(H): Introduction to Archaeology

7. Social Science Training Cluster (Track B)	ANTHROP 3401: Fundamentals of Archaeology
7. Social Science Training Cluster (Track B)	ANTHROP 4597.03H: Models of Sustainability & Resilience: Lessons from the Past
7. Social Science Training Cluster (Track B)	ANTHROP 5603: Strategy of Archaeological Field Research
7. Social Science Training Cluster (Track B)	ANTHROP 5604: Archaeology Lab Methods
7. Social Science Training Cluster (Track B)	ANTHROP 5651: Spatial Analysis for Anthropologists
7. Social Science Training Cluster (Track B)	ANTHROP 2200(H): Introduction to Biological Anthropology
7. Social Science Training Cluster (Track B)	ANTHROP 2210: Race, Ethnicity, Gender Diversity, & Human Biology
7. Social Science Training Cluster (Track B)	ANTHROP 3300: Human Origins
7. Social Science Training Cluster (Track B)	ANTHROP 3301: Human Biological Diversity & Health
7. Social Science Training Cluster (Track B)	ANTHROP 3305: Introduction to Forensic Anthropology
7. Social Science Training Cluster (Track B)	ANTHROP 5642: Growth & Development
7. Social Science Training Cluster (Track B)	ANTHROP 5641: Primate Behavior
7. Social Science Training Cluster (Track B)	ANTHROP 5645: Life History Evolution, Aging, & Senescence

7. Social Science Training Cluster (Track B)	PSYCH 3313: Behavioral Neuroscience
7. Social Science Training Cluster (Track B)	PSYCH 3513: Cognitive Neuroscience
7. Social Science Training Cluster (Track B)	PSYCH 3310: Sensation & Perception
7. Social Science Training Cluster (Track B)	PSYCH 3312: Learning & Memory
7. Social Science Training Cluster (Track B)	PSYCH 3331: Abnormal Psychology
7. Social Science Training Cluster (Track B)	PSYCH 3335: Psychology of Adjustment
7. Social Science Training Cluster (Track B)	PSYCH 3340: Lifespan Development
7. Social Science Training Cluster (Track B)	PSYCH 3550: Psychology of Childhood
7. Social Science Training Cluster (Track B)	3551: Psychology of Adolescence
7. Social Science Training Cluster (Track B)	PSYCH 3325: Social Psychology
7. Social Science Training Cluster (Track B)	PSYCH 3375: Stereotyping & Prejudice
7. Social Science Training Cluster (Track B)	PSYCH 2303: Positive Psychology
7. Social Science Training Cluster (Track B)	PSYCH 2333: Human Sexuality

7. Social Science Training Cluster (Track B)	PSYCH 2376: Interpersonal Relationships
7. Social Science Training Cluster (Track B)	PSYCH 3331: Abnormal Psychology
7. Social Science Training Cluster (Track B)	PSYCH 3530: Psychology of Personality
7. Social Science Training Cluster (Track B)	PSYCH 3335: Psychology of Adjustment
7. Social Science Training Cluster (Track B)	PSYCH 2303: Positive Psychology
7. Social Science Training Cluster (Track B)	PSYCH 2333: Human Sexuality
7. Social Science Training Cluster (Track B)	PSYCH 3335: Psychology of Adjustment
7. Social Science Training Cluster (Track B)	PSYCH 3340: Lifespan Development
7. Social Science Training Cluster (Track B)	PSYCH 3530: Psychology of Personality
7. Social Science Training Cluster (Track B)	PSYCH 3550: Psychology of Childhood
7. Social Science Training Cluster (Track B)	PSYCH 3551: Psychology of Adolescence
7. Social Science Training Cluster (Track B)	PSYCH 2311: Psychology of Motivation
7. Social Science Training Cluster (Track B)	PSYCH 2420: Psychology Applied to Sport

7. Social Science Training Cluster (Track B)	PSYCH 2462: Psychology of Creativity
7. Social Science Training Cluster (Track B)	PSYCH 3325: Introduction to Social Psychology
7. Social Science Training Cluster (Track B)	PSYCH 3522: Organizational Psychology
7. Social Science Training Cluster (Track B)	PSYCH 2376: Interpersonal Relationships
7. Social Science Training Cluster (Track B)	PSYCH 3325: Introduction to Social Psychology
7. Social Science Training Cluster (Track B)	PSYCH 3375: Stereotyping & Prejudice
7. Social Science Training Cluster (Track B)	PSYCH 3530: Psychology of Personality
7. Social Science Training Cluster (Track B)	PSYCH 3900: A Practical Guide to Ruling the World
7. Social Science Training Cluster (Track B)	ECON 2001.01: Principles of Microeconomics
7. Social Science Training Cluster (Track B)	ECON 2002.01: Principles of Macroeconomics
7. Social Science Training Cluster (Track B)	ECON 4001.02: Intermediate Microeconomics
7. Social Science Training Cluster (Track B)	ECON 4410: Data Management & Econometric Analysis

ECON 5410: Econometrics I

7. Social Science Training Cluster (Track B)

7. Social Science Training Cluster (Track B)	ECON 5420: Econometrics II
7. Social Science Training Cluster (Track B)	ECON 4002.02: Intermediate Macroeconomic Theory
7. Social Science Training Cluster (Track B)	ECON 2001.01: Principles of Microeconomics
7. Social Science Training Cluster (Track B)	ECON 4001.02 Intermediate Microeconomic Theory
7. Social Science Training Cluster (Track B)	ECON 5700 Industrial Organization
7. Social Science Training Cluster (Track B)	ECON 5860 Health Economics
7. Social Science Training Cluster (Track B)	ECON 5850 Labor Economics
7. Social Science Training Cluster (Track B)	ECON 5001 Game Theory
7. Social Science Training Cluster (Track B)	ECON 4001.02 Intermediate Microeconomic Theory
7. Social Science Training Cluster (Track B)	ECON 4002.02 Intermediate Macroeconomic Theory
7. Social Science Training Cluster (Track B)	ECON 4200 Money & Banking
7. Social Science Training Cluster (Track B)	ECON 5660 Financial Aspects of International Trade
7. Social Science Training Cluster (Track B)	SOCIOL 2209: Introduction to Criminal Justice

7. Social Science Training Cluster (Track B)	SOCIOL 2309: Introduction to Law & Society
7. Social Science Training Cluster (Track B)	SOCIOL 3410: Criminology
7. Social Science Training Cluster (Track B)	SOCIOL 4462: Advanced Social Stratification
7. Social Science Training Cluster (Track B)	SOCIOL 4507: The Criminal Justice System
7. Social Science Training Cluster (Track B)	SOCIOL 4509: Sociology of Law
7. Social Science Training Cluster (Track B)	SOCIOL 4511: Juvenile Delinquency
7. Social Science Training Cluster (Track B)	SOCIOL 4611: Jails, Prisons, & Community Corrections
7. Social Science Training Cluster (Track B)	SOCIOL 5525: Global Criminology
7. Social Science Training Cluster (Track B)	SOCIOL 2320: Sociology of Education
7. Social Science Training Cluster (Track B)	SOCIOL 2367.01H: The Political Elite & Interest Groups
7. Social Science Training Cluster (Track B)	SOCIOL 2367.02: Urban Social Problems
7. Social Science Training Cluster (Track B)	SOCIOL 3200: Sociology of Immigration
7. Social Science Training Cluster (Track B)	SOCIOL 3306: Sociology of Poverty

7. Social Science Training Cluster (Track B)	SOCIOL 3380: Race & Ethnic Relations in America
7. Social Science Training Cluster (Track B)	SOCIOL 3464: Work, Employment & Society
7. Social Science Training Cluster (Track B)	SOCIOL 4462: Advanced Social Stratification
7. Social Science Training Cluster (Track B)	SOCIOL 4635: Gender & Society
7. Social Science Training Cluster (Track B)	SOCIOL 4655: Sociology of Sport
7. Social Science Training Cluster (Track B)	SOCIOL 5605: Sociology of Sexuality
7. Social Science Training Cluster (Track B)	SOCIOL 2202: Social Problems
7. Social Science Training Cluster (Track B)	SOCIOL 2290: Sociology of Death & Dying
7. Social Science Training Cluster (Track B)	SOCIOL 3200: Sociology of Immigration
7. Social Science Training Cluster (Track B)	SOCIOL 3630: Medical Sociology
7. Social Science Training Cluster (Track B)	SOCIOL 4462: Advanced Social Stratification
7. Social Science Training Cluster (Track B)	SOCIOL 4629: Health Disparities in Social Context
7. Social Science Training Cluster (Track B)	SOCIOL 5450: The Sociology of Global Health & Illness

7. Social Science Training Cluster (Track B)	POLITSC 2150: Voters & Elections
7. Social Science Training Cluster (Track B)	POLITSC 3115: Introduction to the Policy Process
7. Social Science Training Cluster (Track B)	POLITSC 4110: American Presidency
7. Social Science Training Cluster (Track B)	POLITSC 4115: Bureaucracy & Public Policy
7. Social Science Training Cluster (Track B)	POLITSC 4120: U.S. Congress
7. Social Science Training Cluster (Track B)	POLITSC 4130: Law & Politics
7. Social Science Training Cluster (Track B)	POLITSC 4135: American Constitutional Law
7. Social Science Training Cluster (Track B)	POLITSC 2300: American Foreign Policy
7. Social Science Training Cluster (Track B)	POLITSC 3240: Political Violence
7. Social Science Training Cluster (Track B)	POLITSC 4300: Theories of International Relations
7. Social Science Training Cluster (Track B)	POLITSC 4310: Security Policy
7. Social Science Training Cluster (Track B)	POLITSC 4315: International Security & the Causes of War
7. Social Science Training Cluster (Track B)	POLITSC 4320: Strategies for War & Peace

7. Social Science Training Cluster (Track B)	POLITSC 4330: Global Governance
7. Social Science Training Cluster (Track B)	POLITSC 4318: United Nations System
7. Social Science Training Cluster (Track B)	POLITSC 3220: Politics of the Developing World
7. Social Science Training Cluster (Track B)	POLITSC 3280: Politics of Markets
7. Social Science Training Cluster (Track B)	POLITSC 3460: Global Justice
7. Social Science Training Cluster (Track B)	POLITSC/AFAMAST 4250(H): African Politics
7. Social Science Training Cluster (Track B)	POLITSC 4282: Politics of Income Inequality
7. Social Science Training Cluster (Track B)	POLITSC 4332: Politics of Globalization
7. Social Science Training Cluster (Track B)	POLITSC 4940: Politics of Immigration
7. Social Science Training Cluster (Track B)	GEOG 2200.01: Mapping our World
7. Social Science Training Cluster (Track B)	GEOG 4103: Introductory Spatial Data Analysis (Prerec: MATH 1116; 1151 accepted for CSS students)
7. Social Science Training Cluster (Track B)	GEOG 5103: Intermediate Spatial Data Analysis (Prerec: GEOG 4103)
7. Social Science Training Cluster (Track B)	GEOG 5200: Cartography & Map Design

7. Social Science Training Cluster (Track B)	GEOG 5201: GeoVisualization (Prerec: GEOG 5200)
7. Social Science Training Cluster (Track B)	GEOG 5210: Fundamentals of Geographic Information Systems
7. Social Science Training Cluster (Track B)	GEOG 5212: Geospatial Databases for GIS (Prerec: GEOG 5210)
7. Social Science Training Cluster (Track B)	GEOG 2100: Human Geography
7. Social Science Training Cluster (Track B)	GEOG 2400.01 or GEOG 2400.02: Economic & Social Geography
7. Social Science Training Cluster (Track B)	GEOG 2500: Cities & their Global Spaces
7. Social Science Training Cluster (Track B)	GEOG 3597.01: World Urbanization
7. Social Science Training Cluster (Track B)	GEOG 3600: Space, Power & Political Geography
7. Social Science Training Cluster (Track B)	GEOG 3701: The Making of the Modern World
7. Social Science Training Cluster (Track B)	GEOG 3801: Political Ecology
7. Social Science Training Cluster (Track B)	GEOG 2800: Our global environment
7. Social Science Training Cluster (Track B)	GEOG/ENGLISH 3597.03: Environmental Citizenship
7. Social Science Training Cluster (Track B)	GEOG 3800: Geographical Perspectives on Environment & Society

7. Social Science Training Cluster (Track B)	GEOG 3900: Global Climate Change: Causes & Consequences
7. Social Science Training Cluster (Track B)	ENR 2000: Natural Resources Data Analysis
7. Social Science Training Cluster (Track B)	ENR 2100: Introduction to Environmental Sciences
7. Social Science Training Cluster (Track B)	ENR/AEDECON 2501: Introduction to Sustainability
7. Social Science Training Cluster (Track B)	ENR 3400: Psychology of Environmental Problems
7. Social Science Training Cluster (Track B)	COMM 2540: Introduction to Communication Technology
7. Social Science Training Cluster (Track B)	COMM 2511: Visual Communication Design
7. Social Science Training Cluster (Track B)	COMM 3165: Evaluation & Usability Testing
7. Social Science Training Cluster (Track B)	COMM 3545: Human Computer Interaction & User Experience
7. Social Science Training Cluster (Track B)	COMM 3554: Social Implications of Communication Technology
7. Social Science Training Cluster (Track B)	COMM 3558: Social Media
7. Social Science Training Cluster (Track B)	COMM 4511: User-Centered Communication Design
7. Social Science Training Cluster (Track B)	COMM 4555: Computer Interface & Human Identity

7. Social Science Training Cluster (Track B)	COMM 4556: Information Tech & Organizational
7. Social Science Training Cluster (Track B)	COMM 4557: Communication Network Infrastructure
7. Social Science Training Cluster (Track B)	COMM 4738: Health Communication & New Media
7. Social Science Training Cluster (Track B)	COMM 2596: An Introduction to Health, Environment, Risk, & Science Communication
7. Social Science Training Cluster (Track B)	COMM 3340: Principles of Environmental Campaigns
7. Social Science Training Cluster (Track B)	COMM 4240: Science Communication
7. Social Science Training Cluster (Track B)	COMM 3332: Risk Communication
7. Social Science Training Cluster (Track B)	COMM 3333: Crisis Communication
7. Social Science Training Cluster (Track B)	COMM 4736: Health Communication in Interpersonal Contexts
7. Social Science Training Cluster (Track B)	COMM 4737: Health Communication in Mass Mediated Contexts
7. Social Science Training Cluster (Track B)	COMM 4738: Health Communication & New Media
7. Social Science Training Cluster (Track B)	COMM 3440: Mass Communication & Society
7. Social Science Training Cluster (Track B)	COMM 3402: Crime & the News Media

7. Social Science Training Cluster (Track B)	COMM 3404(H): Media Law & Ethics
7. Social Science Training Cluster (Track B)	COMM 3413: Media Entertainment
7. Social Science Training Cluster (Track B)	COMM 3414: Sports Media Relations
7. Social Science Training Cluster (Track B)	COMM 3466: Communication & Popular Culture
7. Social Science Training Cluster (Track B)	COMM 4240: Science Communication
7. Social Science Training Cluster (Track B)	COMM 4401: Mass Communication & Youth
7. Social Science Training Cluster (Track B)	COMM 4814: Political Communication
7. Social Science Training Cluster (Track B)	COMM 4820: Public Opinion & Communication
7. Social Science Training Cluster (Track B)	COMM 3325: Introduction to Organizational Communication
7. Social Science Training Cluster (Track B)	COMM 3330: Communication & Conflict Management
7. Social Science Training Cluster (Track B)	COMM 3331: Communication & Decision Making
7. Social Science Training Cluster (Track B)	COMM 3628: Contemporary Persuasion Theory
7. Social Science Training Cluster (Track B)	COMM 3668: Intercultural Communication

7. Social Science Training Cluster (Track B)	COMM 4556: Information Technology & Organizational Communication
7. Social Science Training Cluster (Track B)	COMM 4557: Communication Network Infrastructure
7. Social Science Training Cluster (Track B)	COMM 4635: Communication Dynamics in Groups
7. Social Science Training Cluster (Track B)	COMM 4665: Human Communication in Social Networks
7. Social Science Training Cluster (Track B)	COMM 2223: Lantern Practicum
7. Social Science Training Cluster (Track B)	COMM 2321: Writing for Strategic Communication
7. Social Science Training Cluster (Track B)	COMM 3403: Sports Journalism
7. Social Science Training Cluster (Track B)	COMM 3405: Introduction to Lantern TV
7. Social Science Training Cluster (Track B)	COMM 3413: Media Entertainment
7. Social Science Training Cluster (Track B)	COMM 3414: Sports Media Relations
7. Social Science Training Cluster (Track B)	COMM 3554: Social Implications of Communication Technology
7. Social Science Training Cluster (Track B)	LING 2000(H): Introduction to Linguistics
7. Social Science Training Cluster (Track B)	LING/PSYCH 3701(H): Language & the Mind

7. Social Science Training Cluster (Track B)	LING 5701: Psycholinguistics I
7. Social Science Training Cluster (Track B)	LING 5702: Cognitive Models of Language
7. Social Science Training Cluster (Track B)	LING/PSYCH 5612/PHILOS 5830/CSE 5531: Introduction to Cognitive Science
7. Social Science Training Cluster (Track B)	LING 2000(H): Introduction to Linguistics
7. Social Science Training Cluster (Track B)	LING 3601: Language, Race, & Ethnicity in the U.S.
7. Social Science Training Cluster (Track B)	LING 3605: Language & Social Justice
7. Social Science Training Cluster (Track B)	LING 3606: Language, Gender, & Sexuality
7. Social Science Training Cluster (Track B)	LING 4602: Language & Belonging in the U.S. (4 credit)
7. Social Science Training Cluster (Track B)	LING 5601: Introduction to Sociolinguistics
7. Social Science Training Cluster (Track B)	LING 5602: Quantitative Sociolinguistics

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Goal 1) Social Theory: Students will learn about theoretical camps in the social sciences. Students will apply social theory to interpret & explain patterns in social science data & to generate testable hypotheses that can be supported or falsified.

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nce B.S. Curriculum Map

of 7/9/25

Goal 2) Computational Modeling & Analysis:
Students will learn about the data
generation process & aquire skills for
developing mathematical & algorithmic
expressions of social theory. Students will
learn how to analyze data using
computational methods.

Goal 3) Research Design: Students will learn to develop analytic strategies for answering social science questions using computational methods. This entails knowledge of data collection, cleaning, testing, & inference.

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Goal 4) Interdisciplinary Collaboration: Students will work effectively as part of a team & underst& disciplinary & transdisciplinary approaches to social science research.

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