
University Studies
North Carolina A&T State University

www.ncat.edu/~univstud

Theme-Based Courses

The UNST core requires 12 credit hours of Theme-based courses. All Foundation Courses (or their equivalent) must be completed before taking Theme-based courses. Students will be required to select one cluster theme and take 12 credit hours within the same theme. If a student decides to change to a different theme, he/she will have to satisfy course requirements for the new theme. Theme-based courses will emphasize interdisciplinary learning motivated by societal issues and problems, will be communications-intensive, and will emphasize formative and summative assessment. Each cluster theme will be governed by a committee consisting of faculty members from various disciplines. Thematic clusters will undergo comprehensive evaluation annually. Modification of the clusters will be made to ensure consistency with UNST goals and objectives.

Science + Technology = Progress?

Courses in this cluster will help students understand the complex relationships between scientific discovery, technological advance, and societal change. In addition, students will debate the ethical implications of contemporary scientific research, examine how technology is portrayed in literature and the arts, and evaluate the frequently made claim that better science and technology lead to better lives.

AGEN 216 Geographic Information Systems in Engineering and Natural Resources (137)

COMP 390 Social Implications of Computing (475)

ENGL 206 Film and Culture (175)

ENGL 231 World Literature II

ENGL 331 Writing for Science and Technology (176)

ENGL 336 Postcolonial Novel

HIST 307 Historical Origins of Environmental Crises (200)

PHIL 266 Contemporary Moral Problems

POLI 410 Public Policy and Technology (236)

POLI 448 Politics of Transportation (237)

SOCI 473 Introduction to Population Studies (252)

SOWK 415 Medical Sociology (254)

UNST 210: Critical Writing II: Science + Technology = Progress?

This course requires students to demonstrate reading comprehension, critical thinking and interdisciplinary thinking abilities through writing and speaking. Students will read and evaluate texts related to the cluster theme and develop critical thinking abilities through writing and speaking. All students will develop a writing portfolio for course assessment.

UNST 231: Inventing America: Science, Technology, and Progress

Through analysis of key episodes in American history from the pre-industrial era to the Information Age, students will explore the complex relations between scientific discovery, technology advance, and societal change. In addition, students will debate the ethical implications of contemporary scientific research, examine how technology is portrayed in literature and the arts, and evaluate the frequently made claim that better science and technology lead to better lives.

Energy, Environment and Justice

Courses in this cluster will examine the role of energy in both local and world economies - how energy issues often intersect and collide with political power, social relationships, and economic development. In addition, this cluster will explore how decisions surrounding energy and environmental issues affect social justice within communities, across the country, and around the world.

AGEC 300 Principles of Rural Sociology (94)

AGEN 216 Geographic Information Systems in Engineering and Natural Resources

EASC 201 The Earth-Man's Environment (138)

GEOG 200 Principles of Geography (206)

GEOG 322 Economic Geography (206)

HIST 435 Global History since 1945 (203)

PHIL 308 Culture and Value (207)

POLI 250 Introduction to Public Policy (235)

POLI 410 Public Policy and Technology (236)

POLI 415 Environmental Policy (236)

POLI 448 Politics of Transportation (237)

SOCI 200 Introduction to Anthropology (254)

SOCI 300 Topics in Cultural Anthropology (254)

UNST 211: Critical Writing II: Energy, Environment and Justice

This course requires students to demonstrate reading comprehension, critical thinking and interdisciplinary thinking abilities through writing and speaking. Students will read and evaluate texts related to the cluster theme and develop critical thinking abilities through writing and speaking. All students will develop a writing portfolio for course assessment.

UNST 232: Energy Resources and Technologies

This course provides an historical perspective on energy resources, energy production technologies, energy use and conservation. It also explores environmental impact of different energy options, national and state energy policies, and ethics of energy use.

UNST 233: Environment Fundamentals and Social Responsibility

This course explores the impact air pollution, water pollution, and soil pollution has on health and the overall health of communities. Topics include an introduction of biological, chemical, and physical principles to understand environmental issues; contaminant concentrations in air,

water, and soil media; human and ecological health; and social responsibility to protect the environment.

Community and Conflict (Preparation for Peace)

Courses in this cluster help students better understand the factors that lead to conflict, and its resolution, at the local, national, and international level. Special attention will be paid to how people of different backgrounds reach peaceful solutions to difficult problems. Students will also be given opportunities to learn mediation and conflict resolution skills as part of their experience in this cluster.

ENGL 336 Postcolonial Novel

HIST 203 North Carolina A&T State University: A Legacy of Social Activism (198)

HIST 312 History of Religions (200)

HIST 332 The Modern Middle East (200)

HIST 334 20th and 21st Century Women Activists of the World

HIST 417 Colonialism and Slavery in Latin America and the Caribbean (202)

HIST 418 Conflict and Change in Post-Colonial Latin America and the Caribbean (202)

HIST 461 History of the New South (204)

PHIL 260 Introduction to Philosophy (207)

POLI 446 Politics of the Americas (237)

POLI 448 Politics of Transportation (237)

SOCI 406 Criminology (251)

SOWK 413 The Community (251)

UNST 212: Critical Writing II: Community and Conflict

This course requires students to demonstrate reading comprehension, critical thinking and interdisciplinary thinking abilities through writing and speaking. Students will read and evaluate texts related to the cluster theme and develop critical thinking abilities through writing and speaking. All students will develop a writing portfolio for course assessment.

Health, Lifestyles and the Human Condition

Courses in this cluster introduce students to the behavioral foundations of healthy lifestyles. Courses will also explore the impact of advances in biotechnology, medical research, medical ethics and the operation of the healthcare system on the human condition. Special attention is paid to health and lifestyle issues affecting women, the elderly, and the African American community.

HEFS 135 Food & Man's Survival (119)

PHED 219 Human Sexuality

PHED 221 Health & Wellness in the 21st Century

NURS 305 Nutrition for Healthy Lifestyles

NURS 315 Issues in Women's Health

NURS 415 Health Care in a Global Society
PHIL 266 Contemporary Moral Problems
PSYC 320 General Psychology (242)
SOCI 304 Social Aspects of Human Sexuality (251)
SOCI 308 Sociology of Marriage and the Family (251)
SOWK 370 Aging in Society (254)
SOWK 409 Disability and Employment (252)
SOWK 415 Medical Sociology (254)

UNST 213: Critical Writing II: Health, Lifestyles and the Human Condition

This course requires students to demonstrate reading comprehension, critical thinking and interdisciplinary thinking abilities through writing and speaking. Students will read and evaluate texts related to the cluster theme and develop critical thinking abilities through writing and speaking. All students will develop a writing portfolio for course assessment.

UNST 234: Behavior, Lifestyles and Modern Society

This course explores the interrelationships among human behavior and lifestyle choices and their role in shaping modern societies. The course examines the mental, physical, and moral behaviors that promote a just society.