# ST. CLOUD STATE



INTERNATIONAL STUDIES

ST. CLOUD STATE UNIVERSITY



## BRIT 250 - CONTEMPORARY BRITAIN (GOAL 5) - 3 CREDITS

Analysis of contemporary social, political and economic conditions of England, with emphasis on Northumberland. Taught by BRITISH FACUTLY.

NWICK

england

#### HIST 335 - BRITAIN IN THE TUDOR ERA - 4 CREDITS

Politics, personalities and religion in early Modern Britain. Taught by BRITISH FACUTLY.

#### HIST 101 - BLACK DEATH (GOAL 5 & GOAL 8)

War, famine, death... and Hell followed (Revelation Book 6). Such was the fourteenth century in Europe, and neither England nor the lands of the Dukes of Northumberland were immune. While living in the principle residence of the Dukes of Northumberland, students will examine the constructs that made the medieval outbreak of the Black Death one of humanity's deadliest pandemics, and a threat that still lives side-by-side with us today. It is recommended that students also enroll in STATS 193 Statistical Thinking. Taught by MAUREEN O'BRIEN

#### HIST 110 - WESTERN CIVIZILATION TO 1500 (GOAL 5 & GOAL 8) - 3 CREDITS

Students will examine the origins and characteristics of Western Civilization from antiquity to the threshold of the modern world. What makes this course particular exciting is that students will engage directly with historic sites from the prehistoric to the Roman to the medieval periods as they unfolded on the doorsteps of Alnwick Castle.Taught by MAUREEN O'BRIEN

#### HIST 380 - SAINTS & DEMONS - 3 CREDITS

Living and studying in what was once the early medieval kingdom of Northumbria students will have the unique opportunity to walk in the footsteps of saints such as Cuthbert, Hild, Bede, and others. While there, student will explore the complex and fascinating world of medieval saints, the demons they are depicted as fighting, and the people who counted on them for protection, comfort, and healing. Taught by MAUREEN O'BRIEN

#### STATS 193 - HEALTH AND PLAGUE STATISTICS GOAL 4) - 3 CREDITS

Your world is statistical—how to make sense of that? This course will introduce statistical concepts & understanding by using public health data as case studies—this includes PLAGUES! Statistics helps us understand how diseases propagate; such propagation models have other widespread applications. Students are encouraged to enroll in History 101, to see the historical side of some of our case studies. Taught by WILLIAM BRANSON

#### MATH 221 - CALCULUS - 4 CREDITS

Why don't bridges collapse (like the Tay Bridge Disaster—look it up) more often? CALCULUS! (in part, at least). Industrial design started to include calculus in the 1800s, which helped keep buildings, bridges, and mines from collapsing. This course will cover all the material of Calculus I, with an emphasis on buildings, bridges, and mines, all of which are plentiful in the Alnwick area. Taught by WILLIAM BRANSON **MATH 480 - CALUCULUS INDUSTRIALIZATION - 3 CREDITS** 

## Calculus shapes the world today, from the buildings you live in to the probabilities of rain you hear on the weather report. How, in 350 short years, did it become so universal? This course will start in the 1600s with the invention of calculus by Leibniz and Newton, move to the 1700s when modelling reality by differential equations was invented, and then conclude with the 1800s application of calculus in the Industrial Revolution and the mathematical inventions of continuity and the real numbers. This course is designed to extend and to deepen the material from Mathematics 221: Calculus I. Taught by WILLIAM BRANSON



### ST. CLOUD STATE FACULTY

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