



Bantivoglio Honors Concentration Spring 2019 Course Descriptions

Last updated 11.2.18

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

DISCIPLINARY

Honors American War to War 1914 - 1945

The years between 1914 and 1945 were among the most turbulent periods of modern American history, witnessing the emergence of the United States as a world power during World War I, the great economic boom and cultural revolutions of the 1920s, the Depression, the New Deal, and the mobilization of America for World War II. The symbiosis of mass production and mass consumption, the political ambivalence on issues of social and economic policy, the expansion of opportunities for women, and the confluence of nativism and race relations charged these years with great energy, optimism, and frustration.

The course will cover the social, demographic, and economic changes of the period and analyze the sharp cultural and political debates over some of the central issues of the modern American experience. We will focus on the expansion of the federal government's role in the economy and in social life and the restructuring of the American racial, gender, and ethnic systems. We will also pay attention to the development of mass markets and the related rise of consumerism and media influence that characterized the era between the wars. (3.0 credits)

History/Humanities/Language

CRN 21826 HONR 05205.2

MW 9:30 – 10:45, Robinson 204

**Melissa Klapper, klapper@rowan.edu
Department of History**

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

DISCIPLINARY

Honors Introduction in Genetics

In my laboratory we have been studying the process by which bacteria can remove lead (Pb²⁺) from their environment. We have whole genomic sequence for a number of mutants that have enhanced capabilities in this activity and for mutants that have no such ability. A number of these sequences have been analyzed and are in a manuscript that will be submitted in the coming months. However, we have two mutants that were completely sequenced but they did not fit any of the patterns of the strains that we are publishing. Consequently, these strains are in need of analysis and we don't know what makes them behave the way that they do.

The plan for the Biology 2 course would be to have the students do the basic genomic analysis of one or more of these mutants and do some basic genetic mapping. They would start by carrying out a detailed analysis of the genomic information that we have on hand but have not yet processed with follow up experiments to be carried out at the lab bench. The objective will be for students to identify regions of the genome that are likely locations for the genetic changes responsible for the phenotypes of these uncharacterized mutants. (4.0 credits)

Lab Science; Science and Mathematics

CRN 21780 BIOL 01106.1

MT 2:00 – 3:15 Science 218

R 2:00 – 4:45 Science 218

Gregory Hecht, hecht@rowan.edu

Department of Biological Sciences

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DISCIPLINARY

Honors Introduction to Ecology

This course addresses two primary goals for any biology major: the first overall goal is to introduce students to the study of ecology, the interactions between organisms and their environment, and the patterns of species' distributions and abundances that result from these interactions. The second goal is to reinforce and build upon basic scientific skills developed throughout the biology core curriculum, in preparation for upper-level elective courses.

The Honors section of this course will address both of these goals more profoundly than non-Honors sections, and students will be given more (guided) autonomy to achieve a greater understanding of how organisms influence, and are influenced by, their environment. We will tackle these goals using a number of approaches, including readings and discussions of both foundational and contemporary primary literature; the construction and manipulation of conceptual and mathematical models to predict and interpret ecological patterns; experimental design, execution, data analysis and dissemination of results in written and oral formats. Students in the Honors section of Biology 4: Global Ecology will both ask and answer questions, will learn and apply new techniques to explore for answers, and will work both individually and collaboratively on these endeavors. (4.0 credits)

Lab Science

CRN 21782 BIOL 01204.4

WF 9:30 – 10:45 Science 252

M 9:30 – 12:15 Science 252

Patrick Crumrine, crumrine@rowan.edu

Department of Biological Sciences

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INTERDISCIPLINARY

Honors Introduction to Figure Anatomy for the Artist

Human Anatomy visualization of form, structure and process is integral to understanding how our bodies are represented in science, medicine and art. Anatomists and artists have had a long historical basis for visualizing the science behind our anatomy – from Leonardo da Vinci, to Vesalius, and our contemporary practitioners in medical illustration, such as Frank Netter and Max Brödel. Understanding the human form, and learning to observe the structures beneath the surface (bones and muscles) can give great insight into how we learn and conceptualize the 3-dimensional form for study and reconstruction on a 2-dimensional surface.

This honors course is designed to strengthen the student's understanding of human anatomy and explore topics of the human figure through the means of the interdisciplinary subjects of art and science. A rare opportunity to learn and interpret anatomy knowledge by working directly from the living figure model and human cadaver in the gross anatomy lab at Cooper Medical School, which will allow for greater comprehension of structure and biomechanics of our joints and muscles. A series of lectures and hands-on demonstrations, with drawing projects and exams, will allow for in-depth review of the human muscular-skeletal system. Not only will the class learn a level of realism and stylization of complex information of the body form, but an increased knowledge of the specific identifying structures and their function. Study in this area is designed to provide the student with a good grasp of skeletal and muscular anatomy as it strongly relates to observational drawing of the figure for both science and art based disciplines.

Artistic & Creative Experience

CRN 25386 HONR 05214.2

F 9:30 - 3:15 pm Westby 104

**Amanda Almon, almon@rowan.edu
Department of Radio, TV, and Film**

**Ronald Mathias, mathias@rowan.edu
Department of Art**

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

DISCIPLINARY

Honors Calculus II

We continue to approach calculus rigorously and not to “hand-wave” our way through mathematics! This course will engage students to critically examine the ideas of integration techniques and applications, infinite sequences and series, all the way to Power Series expansions. As in Honors Calculus I, motivation for class discussions will stem from the historical development of calculus, the philosophical struggle to establish calculus on a more rigorous foundation, and the tremendous power of calculus to solve many physical problems. (4.0 credits)

Science and Mathematics

CRN 21839 MATH 01131.1

MW 8:00 – 9:15 James 3091 A

F 8:00 – 9:15 James 2102

Olcay Ilicasu, ilicasu@rowan.edu

Department of Mathematics

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

DISCIPLINARY

Honors Chemistry II

The University Honors program works in combination with a host of academic departments on campus to provide and develop discipline-specific departmental honors programs. These programs allow students to pursue their major course of study within an Honors framework. Honors students must be accepted into the respective programs associated with their degree plan. Each department has separate requirements for its programs which are subject to change, and students should speak with their advisor for the most up-to-date requirements. Honors Chemistry 2 topics will be discussed in greater detail and with a higher degree of mathematical rigor. This course presents the basic principles involved in the study of chemistry, with emphasis of these topics: equilibria, including acids and bases, complexes, and sparingly soluble compounds, thermodynamics, kinetics, electrochemistry, and solution theory. Descriptive inorganic chemistry is also covered. (4.0 credits)

Lab Science; Science and Mathematics

CRN 21784 CHEM 06101.15

M 8:00 – 9:15 Science 314A

WF 8:00 – 9:15 Science 314

Andrea Dichmann-Schmidt, dichmann-schmidt@rowan.edu

Department of Chemistry & Biochemistry

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

INTERDISCIPLINARY

Honors Children's Literature: Texts & Context

Place is an essential part of literature for children, from the halls of Hogwarts to the stolen prairies of Laura Ingalls Wilder's Kansas to the far-away land where the Wild Things are. But although we may think of place as simply the setting in which the story occurs, place is always something that is socially constructed: the product of human beings' interactions, practices, and decisions that reflect their environments. Throughout the semester, students in this course will use multidisciplinary theory and criticism from the academic subfields of human geography and children's literature to examine the ways different texts participate in the representative constructions of place and space for children. We'll explore primary works' formal structure, narrative content, and historical context, in the process dismantling the common belief that children's literature and culture are "simple." By considering the aesthetic, historical, cultural, and geographical implications of these texts for children, we'll discover how place helps form our ideological conceptions of childhood. (3.0 credits)

History/Humanities/Language; Literature
CRN 21802 HONR 05205.1

Social and Behavioral Sciences; Literature
CRN 22804 HONR 05290.1

MW 12:30 – 1:45, Winans 112

Katharine Slater, slaterk@rowan.edu
Department of English

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

INTERDISCIPLINARY

Honors College Composition I: Global Warming

Whether we call it “global warming,” “climate change,” or even “the Anthropocene,” it’s clear that humans are making a massive impact on our environment. In this course, we will read, talk, think and write about one of the most significant issues facing our communities and our world. How do we write about something so large? Why do people disagree about the severity and significance of global warming? What’s the best way to communicate scientific findings so that everyone can understand? What can college students actually say and do to make a difference? We’ll address all of these questions and more, and you’ll emerge from the course with a better understanding of how climate change affects our world, our university, and our lives—and with the writing skills you need to succeed in college and beyond. (3.0 credits)

Communicative Literacy

CRN 21813 HONR 01111.1
TR 9:30 – 10:45 Robinson 204

CRN 21814 HONR 01111.2
TR 11:00 – 12:15 Whitney 201

Edward Howell, howelle@rowan.edu
Department of Writing Arts

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

INTERDISCIPLINARY

Honors College Composition I: Utopia/Dystopia

In the course of acquiring the rhetorical skills needed for success in college and in life, students in CCI Honors Concentration (Utopia/Dystopia) will focus on questions raised in literature, particularly Thomas More's *Utopia* and Aldous Huxley's *Brave New World*. What is the role of community in an individual's life? How do science, technology, and the various political "-isms" play a role in the lives of individuals, culture, and communities? Students will both read extensively and work on individual and group projects involving classics of utopian/dystopian literature. (3.0 credits)

Communicative Literacy

CRN 21815 HONR 01111.3
MW 9:30 – 10:45 am Whitney 201

Tiffany DeRewal, derewal@rowan.edu
Department of Writing Arts

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

INTERDISCIPLINARY

Honors College Composition II: Media Literacy

This Honors CCI course pairs instruction on developing facility in the discipline of argument and persuasion and developing college-level research skills with issues derived from studying contemporary media. Although they are consumers of media, Americans all-too-often fail to realize the manipulative practices of the media through ignorance of the principles and practices that drive the media in our world. With the advent of new interactive media, the landscape is even more treacherous and mysterious. Through a combination of discussions of readings, group projects, and presentations from experts, this course seeks to help students become informed masters of the media. (3.0 credits)

Communicative Literacy

CRN 21816 HONR 01112.1
MW 9:30 – 10:45 Whitney 202

CRN 21818 HONR 01112.3
TR 3:30 – 4:45 Whitney 202

Tiffany DeRewal, derewal@rowan.edu
Department of Writing Arts

CRN 21817 HONR 01112.2
TR 12:30 – 1:45 Whitney 202

Marie Flocco, flocco@rowan.edu
Department of Writing Arts

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

INTERDISCIPLINARY

Honors Cultural Geography: Why Place Matters

Culture is what we humans *do*. Culture is material stuff (what you wear), social ideas (what you believe), everyday practices (your habits, how you get around), emotional responses (emoji use), and much more! Geography is fundamentally concerned with the question of place. Consider the ways classrooms, bedrooms, and boardrooms each connote different types of *places* that inspire different types of *culture* (what humans do). The basic assertion of a geographic approach to culture is that *place matters*.

Cultural geographers bring a place-based focus to the study of all kinds of human activity by considering, most basically, *where* does an activity occur and *why*. Or put differently, what is happening where? And with what effects? A geographic approach reveals the complex ways our environment (place) influences culture (what people do), and in turn, what people do (e.g. drive car) shapes our environment (e.g. roads are built, CO2 emissions are generated, etc.). As people and places become ever more interconnected, there is an imperative to understand how your everyday life affects—and is affected by—activities elsewhere.

In exploring why place matters, we will develop the capacity *think geographically*: to investigate the relations between people and place, from local to global scales. Taking *note* (observation and experience) and taking *notes* (documentation, mental mapping, re-photography, ethnography, etc.) are key research methods that will guide our place-based (spatial) investigation of human activity. You will leave this course with the ability to think as a global, earth citizen! (3.0 credits)

Social and Behavioral Science; Multicultural

CRN 21810 HONR 16210.1

F 9:30 – 12:15 Whitney 201

Jennifer Kitson, kitson@rowan.edu
Department of Geography & Environment

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

INTERDISCIPLINARY

Honors Discrete Math

Discrete math refers to topics that lie at the intersection between mathematics and computer science where the objects of study are discrete (such as integers, sets, Boolean functions, and trees) and questions that arise involve numeric versus symbolic computation, explicit versus recursive formulas, proof versus verification, and exhaustive versus efficient strategies for counting.

More specifically, students will learn topics that are essential to both fields: sets, relations, Boolean algebra, congruence, recursion, algorithms, proof techniques, combinatorics (art of counting), and their applications to probability and graph theory. But most importantly, students will learn how to think rigorously throughout the mathematical process of discovery and proof. (3.0 credits)

History/Humanities/Languages; Literature

CRN 21840 MATH 03150.1

MW 11:00 – 12:15 pm Robinson 324

Hieu Nguyen, nguyen@rowan.edu

Department of Mathematics

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INTERDISCIPLINARY

Honors Earth, People, and Environment

We live in a world that is wonderfully complex, populated by and, to an increasing degree, dominated by a species that has acquired not only an understanding of the forces that shape our planet but the ability to alter them. The story of how this came to be is rich in plot and characters, but it is an evolving story, with many chapters yet to be written. How have humans come to play such a central role in this unfolding drama – a story that is not just terrestrial, but universal? And, perhaps more importantly, how will the decisions we make today and in the years to come determine the future of our unique blue world?

This course looks not only to the past but to the present and future in an effort to reveal the underlying processes, key connections, and breakthrough findings that are part and parcel of our broadening global perspective. What sets this course apart from other interdisciplinary offerings is the realization of and emphasis on *geography* as the connective tissue that binds studies from various fields such as environmental science, history and evolutionary studies.

Geography sets our place in space and time; it provides the perspective that allows us to see all of these areas of study as synthetic components of a single story. This is a story that needs to be told. It is a course that will enable students to grasp the key events that shaped the evolution of our society, species, planet, and universe. It will provide an opportunity for exploration – for seeking out new knowledge as it emerges today across the sciences – and will spark an interest and a desire to play a role in writing the next chapter of this evolving story. (3.0 credits)

Social and Behavioral Sciences; Multicultural; Global Literacy

CRN 21808 GEOG 16100.9

TR 12:30 – 1:45 Whitney 201

**Richard Federman, federmanr@rowan.edu
Department of Geography, Planning & sustainability**

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

INTERDISCIPLINARY

Honors Exploring Social Issues through Theatre

Exploring Social Issues through Theatre and Dance will take students into the world of contemporary performance presented by some of the most exciting artists working in theater and dance today. This course examines social issues inspired by plays and dances chosen from the current Philadelphia Theater and Rowan University Department of Theatre and Dance seasons. Students will gain an appreciation of live performance and how play and dance productions reflect and deepen their understandings of social issues. Students will context and analyze the live performances with readings, research assignments, and dynamic interactive discussions with the instructor and invited guests.

The classes will meet on campus twice a week, except during travel weeks. There will be trips off campus during the semester to various Philadelphia theater locations. Most travel will occur on Thursdays. All theater tickets will be provided. Students are responsible for their own transportation to each show. The transportation costs (mileage, tolls, parking) will be reimbursed. **Attendance at shows is required.**

The current Rowan Department of Theatre and Dance production season focuses on two themes: women/gender and repurposing/recycling. These two themes will guide the curation of a complete line-up of performances to be determined later in the fall. Please contact the professor with questions. (3.0 credits)

Artistic Literacy

Artistic & Creative Experience
CRN 21836 HONR 05214.1

Social and Behavioral Sciences
CRN 21838 HONR 05290.3

TR 6:30 – 7:45 Wilson 206

Leslie Elkins, elkins@rowan.edu
Department of Theatre & Dance

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DISCIPLINARY

Honors Freshman Engineering Clinic II

Freshman Clinic introduces students to the practice and profession of engineering. You will learn fundamental concepts that are drawn from the four engineering disciplines offered here at Rowan University. Typical objectives include: engineering measurements; team work and cooperative learning; problem solving and critical thinking; technical communication skills in graphical, written, and oral formats; design methods; professionalism; lab skills and etiquette; research skills; and classroom management skills. All of these are fundamental skills that you will use in your later engineering courses and career. (2.0 credits)

CRN 21805 ENGR 01102.3

MW 8:00 – 9:15 REXT 240

W 9:30 – 10:45 REXT 240

Staff TBD

CRN 21806 ENGR 01102.12

MW 11:00 – 12:15 REXT 241

W 9:30 – 10:45 REXT 241

Staff TBD

CRN 21807 ENGR 01102.17

MW 6:30 – 7:45 REXT 241

W 5:00 – 6:15 REXT 241

Staff TBD

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DISCIPLINARY

Honors Introduction to Astronomy

What is Astronomy? Welcome to the universe! This course will feature class lectures/labs, group projects, audiovisual presentations, activities online and off, visits to Rowan's observatory and planetarium, and several writing projects. Some of the Labs will involve writing up narratives of assigned observing sessions, others writing up the results of individual research performed by each student online during one or more class periods. (4.0 credits)

(Will Require Occasional Night Viewing)

Lab Science; Science and Mathematics; Scientific Literacy

CRN 21777 ASTR 11120.1

TR 2:00pm – 4:45pm Science 149

**John Herrmann, herrmann@rowan.edu
Department of Physics & Astronomy**

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

DISCIPLINARY

Honors Introductory Mechanics

Does physics sound like something that only Einstein appreciated? Actually, everything we see and do is based on physics. And it's not that hard – it's only physics. In this class, we will do many hands-on-experiments where we learn why you don't fall out when upside down in a roller coaster, why it's not safe to lock-up your brakes, and why a high jumper can jump over an 8-foot high pole yet have a vertical of only 3 feet. We will go through the theory in detail using calculus but reinforce it with demos and examples. (4.0 credits)

Even Einstein would find this class to be fun!

Lab Science; Science and Mathematics; Scientific Literacy

CRN 21841 PHYS 00220.1

MW 12:30 – 1:45 Science 138

R 12:30 – 3:15 Science 138

**Samuel Lofland, lofland@rowan.edu
Department of Physics & Astronomy**

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

INTERDISCIPLINARY

Honors Leadership & Service Training

Leadership and Service Training (LAST) provides an academic framework for upperclassman mentors involved in the Bantivoglio Leadership and Service Training (BLAST) program. There are several primary objectives for this course:

- 1) to train leaders who will facilitate the transition of students new to Honors;
- 2) to promote the continued development of both new and current Honors students as citizen scholars as well as contributing members and leaders of their communities;
- 3) to facilitate the participation of new Honors students in meaningful service projects;
- 4) to build a cohesive culture of intellectual curiosity and active engagement in academic and extracurricular pursuits that serves as the defining focus of the Bantivoglio Honors Concentration; and
- 5) to have BLAST mentors' training and good work recognized by other academic institutions as well as potential employers (a LAST class will be visible to all*).

This course meets once a week to discuss a series of concepts related to building the Honors community, succeeding as scholars, pursuing positions of leadership, and making an impact as citizens. The weekly seminar consists of an introduction to a concept, group activities/projects, expert presentations, and planning sessions for BLAST mentors. Concepts to be addressed include but are not limited to: habits of mind, issues in diversity, disability awareness and access, career preparation, and mental health. The student leaders taking this course will be given ideas and guidance for leading groups, facilitating discussion, and arranging extracurricular events—including field trips—with the student groups they will lead. What is more, LAST will challenge student leaders to reflect on their own growth and development as more mature citizen scholars.

Following each class, mentors will be responsible for meeting with their group of underclassman Honors students to expand on the weekly concept through academic, co- and extracurricular activities, and discussion. BLAST mentors signed up for this course will receive one Honors course credit *and* the full semester's credit for Honors Participation and Service for attending one meeting session each week, and successfully executing weekly meetings and activities with their student groups.



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* This is a zero-credit, P/NC course that will show on students' transcripts. Students will earn all of their Honors Service and Participation credit as well as an Honors Course Credit for being BLAST mentors. (Please note that although students can be a BLAST mentor for up to six semesters, and those LAST classes will show on their transcripts, they may only use TWO towards their required total Honors courses for graduation.)

BLAST members will be registered for one of these sections by the Honors Office after the application process is complete.

**CRN 21811 HONR 01101.1
M 5:00 – 6:15 pm Whitney 202**

**CRN 21812 HONR 01101.2
T 9:30 – 10:45 am Whitney 202**

**Marie Flocco, flocco@rowan.edu
Department of Writing Arts**

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

INTERDISCIPLINARY

Honors Medical Writing & Rhetoric-WI

This course introduces students to a variety of genres of medical writing that exist in public and professional arenas. Students will analyze the rhetorical and social elements of medical discourse in order to better understand medicine as a discipline and culture and learn to produce texts that meet the needs of medical discourse communities. Topics might include narrative medicine, medical rhetoric, health literacy, disability and health, and doctor-patient communication. Students will practice writing in a number of genres such as pathographies, patient education materials, medical reviews, public health campaigns, medical reports and proposals, and graduate school personal statements. (3.0 credits)

Writing Intensive; Humanistic Literacy

CRN 24387 WA 01330.1

TR 12:30 – 1:45 Victoria 301

Amy Reed, reeda@rowan.edu

Department of Writing Arts

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

DISCIPLINARY

Honors Object-Oriented Programming/Data Abstraction

Objects and data abstraction continues from Introduction to Object-Oriented Programming to the methodology of programming from an object-oriented perspective. Through the study of object design, this course introduces software engineering and focuses on file I/O, function prototypes, exception handling, decoupling strategies, and other advanced topics. The content covered will be deeper than with non-Honors sections. Specifically, the Honors course will introduce advanced object oriented design content normally found in Junior level CS courses. The honors course will also engage Learning Assistants – upper-level CS students who will guide and inspire students to think creatively and out of the box. Active Learning exercises will be both theory-related and application-related. (2.0 credits)

CRN 25347 CS 04114.1

MW 2:00 – 2:50 Robinson 312

**Jack Myers, Department of Computer Science
myersjac@rowan.edu**

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

INTERDISCIPLINARY

Honors Philosophy of Science-WI

Science is perhaps the preeminent cultural practice of our modern age. It has transformed our societies, our understanding of the world we live in, and even our own self-conceptions. Despite its evident importance, questions persist about the basic nature of science. What, for example, distinguishes it from other modes of inquiry and knowledge acquisition? What is its method, and what sort of logical inferences does it rely on? Does science always make progress, and how should we understand this progress? To what extent is science free of gender and other social biases? Do scientific theories accurately represent the real world, and how do we know this? Philosophers of science have defended a variety of answers to these questions. We will examine some of the more important and interesting of these philosophical theories, in the hope of gaining a richer understanding of the nature and value of science. (3.0 credits)

History/Humanities/Languages; Multicultural; Writing Intensive; Humanistic Literacy

**CRN 25090 PHIL 09369.3
MW 9:30 – 10:45 Wilson 204**

**Nathan Bauer, bauer@rowan.edu
Department of Philosophy & Religion**

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

DISCIPLINARY

Honors Principles and Pedagogies in the Inclusive Classroom

The ways in which school, community, family, and society interplay are constantly changing. Current events shape the ways in which we think about teaching and learning, and this, too, depends on where schools are situated. Teaching itself is a political act: what is taught, what is left out of the classroom, which voices are privileged and what ideas are brought to the table. Principles and Pedagogies will consider the role that schools take in shaping communities, and the role that communities take in shaping schools. We'll examine current events (#takeaknee for example) in order to critically analyze issues of social justice, equity, and diversity. (3.0 total credits)

Students must register for both courses below:

Class

CRN 23194 INCL 02210.8

T 8:00 – 9:40am Whitney 201

Seminar

CRN 23214 ELEM 02210.5

T 9:55 – 10:45am Whitney 201

Jennifer Rich, richj@rowan.edu

Department of Interdisciplinary and Inclusive Education

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

DISCIPLINARY

Honors Principles of Finance

This course is designed to provide students with an understanding of finance as it relates to the private sector. Students will gain knowledge and understanding in the following areas: 1) role and environment of financial management, 2) financial statements and analysis, 3) cash flow and financial planning, 4) time value of money, 5) risk and return, 6) interest rates and bond valuation, 7) stock valuation, 8) capital budgeting evaluation, 9) cost of capital, 10) leverage and capital structure. Application-based HW assignments and case studies will be utilized to reinforce the concepts. (3.0 credits)

CRN 21709 FIN 04300.10

TR 11:00 – 12:15 Business 103

**Ozge Uygur, uygur@rowan.edu
Department of Accounting & Finance**

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

INTERDISCIPLINARY

Honors Special Topics: Religion in Medieval Spain

The course is an overview of the complex and vibrant culture of medieval Spain, in which the three Abrahamic faiths coexisted in a remarkably tolerant climate until the unification of the country into a Christian kingdom in the late fifteenth century. Al-Andalus, as the Islamic state in Iberia was known, was a place unrivaled in the rest of contemporary Europe for intellectual advancement. Science, mathematics, art, literature, philosophy, architecture and technology flourished in an environment of openness that permitted lively debate on questions of faith and ideology and that led to innumerable cultural borrowings and mutual influences. We will study the foundation, evolution and decline of Al-Andalus from three different perspectives: 1) history, religion, and law, 2) imaginative literature, 3) art and architecture. We will read texts by Maimonides and Ibn Rushd, listen to music of the period, and see Charlton Heston fight his way across Spain in *El Cid*. (3.0 credits)



History/Humanities/Language

CRN 25325 HONR 05390.1

TR 12:30 – 1:45 Bunce 105

Laurie Kaplis-Hohwald, hohwald@rowan.edu
Department of World Languages

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

INTERDISCIPLINARY

Honors Special Topics: Rhetoric of Photography

This course explores the history of photography, from its origins in the 19th century through the late 20th century, with a particular focus on the photographic image as a form of visual rhetoric. Photography is a visual and artistic language that both reflects and shapes its cultural context. Students will investigate and analyze the ways in which photographs are conceived, manipulated, interpreted, and reinterpreted. The challenges of photography as a "truthful" medium will also be addressed. The class will take a day-long field trip to view actual photographs on display at the National Gallery of Art in Washington, DC. (3.0 credits)

Artistic & Creative Experience

CRN 25194 CMS 04375.3

W 11:00 – 1:45 Whitney 202

Andrew Hottle, hottle@rowan.edu

Department of Communication Studies

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

INTERDISCIPLINARY

Honors Surgical Illustration and Media

This studio course is an introduction surgical observation and the illustration of surgical procedures and its fundamental application within the discipline of health science, biology, pre-medical preparation and the major of biomedical art and visualization. It is based on the belief that understanding the concepts of medical surgery are essential to creating effective visual communications and illustrations within an interdisciplinary learning environment. Students will research surgical procedures and techniques, photograph and sketch procedures in the operating room, prepare comprehensive sketches outlining visual narratives of surgical procedures, and render final illustrations/media presentations using a variety of digital media. Students will learn how to draw and apply specific art visualization techniques to depict their research and operating room experiences. (3.0 credits)

Due to the hospital environment and interaction with patients in the operating room, it is required for all students to have the following vaccinations: Hepatitis C, Tuberculosis, and the Flu vaccination. Additionally, if Cooper and/or Inspira Hospital requires health documentation and/or certificates of good health, you must present these upon request to attend the operating room sessions. If you are feeling sick for the hospital observation, you will be required to stay home and not attend the surgical operating room experience. All directives from hospital doctors, residents, nurses and staff must be followed during the course observations.

This course will fulfill the Artistic and Creative Experience Rowan Course Requirement, but Honors will need to contact your advisor directly. **Enrollment in this class will be done by the Honors Office. Please email honors@rowan.edu if you are a junior or senior science major or minor who meets the vaccination requirements or agrees to obtain the required vaccinations by the start of the fall semester and would like to be enrolled in this course.**

CRN 25202 ART 09454.1

TR 8:00 – 10:45 am Westby 216

**Amanda Almon, almon@rowan.edu
Department of Radio, Television, & Film**

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

INTERDISCIPLINARY

Honors Teaching the Holocaust

The Holocaust is simultaneously a unique historical moment and one of many genocides. Consequently, we have been saturated with movies and books that depict some of the events from this time period. What, though, from among popular culture is fact? What is the history of the Holocaust? Moving beyond *Schindler's List* and *The Boy in the Striped Pajamas*, how can we learn and teach about the Holocaust, and how should it be commemorated as we enter a post-survivor era? This interdisciplinary course will make use of both primary and secondary sources as we explore Holocaust history and memory, and debate and discuss how to consider remembrance in the future. (3.0 credits)

History/Humanities/Language
CRN 21828 HONR 05205.3

Social and Behavioral Sciences
CRN 21829 HONR 05290.2

R 11:00 – 12:15 Whitney 202

Jennifer Rich, richj@rowan.edu
Department of Interdisciplinary & Inclusive Education

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

INTERDISCIPLINARY

Honors Topics in Literature: Literature & Medicine

Literature and medicine both deal in stories: a clinician listens carefully as a patient describes her illness; a health sciences student studies a case history; a memoirist comes to terms with a devastating diagnosis. Increasingly, the healthcare professions are looking to the humanities to cultivate practitioners' sensitivity, empathy, creativity, and habits of attention. In this interdisciplinary course we will explore what literary study has to offer our understanding of personhood, health, illness, and care. Our focus will be on stories and how they are constructed and on language and how it can (and cannot) represent suffering. Readings will include the ancient Greek story of Philoctetes, *The Illumination* by Kevin Brockmeier (2011), *Sick* by Porochista Khakpour (2018), and *Citizen* by Claudia Rankine (2014), as well as classic essays by literary critics and academics involved in the fields of medical humanities, disability studies, and narrative medicine. Writing assignments will include analytical essays as well as more reflective and creative pieces. By reading literature closely, together we will discover the complex relationship between illness, stigma, difference, storytelling, and creative genius. (3.0 credits)

History/Humanities/Language; Literature; Humanistic Literacy

CRN 21795 ENGL 02123.7

T 5:00 – 7:45 pm Whitney 201

**Emily Hyde, hyde@rowan.edu
Department of English**

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Bantivoglio Honors Concentration Spring 2019 Course Descriptions

DISCIPLINARY

Honors Writing as Managers-WI

Honors Writing as Managers-WI Business Writing, an interdisciplinary Honors course, focuses on business writing as a manager and leader. Students create informational business reports, with appropriate tone and audience, on topics common to managers: OSHA, employee disciplinary, and sexual harassment. The hybrid delivered course also includes job application documents and strategies applicable to the job search process. The W.I. course is offered to Bantivoglio Honors Concentration students and management majors with a 3.3 GPA or higher. (3.0 credits)

Writing Intensive

CRN 21842 WA 01408.4

TR 2:00 – 3:15 301 High 216

**Joseph Giampalmi, giampalmi@rowan.edu
Department of Writing Arts**

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