

Course Catalog — *Arts*

A72: Dances of India

Akanksha Arora

Calling all guys and gals! Join me as we learn 4 different dance styles from India! Get ready to move to the upbeat and fun Indian rhythm with dance forms from all over the country. Just bring yourself and no other special equipment.

We will be learning Bhangra (folk dance from Northern India), Dandiya (folk dance from Western India), Bharatanatyam (classical dance), and Bollywood (dance from movies, more modern).

Open to students grades 9 through 12

Sat 9:00am–9:50am

Sat 10:00am–10:50am

A93: Beauty, Science, and Spirit in Italian Art

Kate Terentieva

Ever wondered what makes well-known Italian art so magnificently remembered centuries after the passings of their creators? This course will enlighten you by presenting the Italian art history of the High Renaissance, the peak of Renaissance art. This period is closely associated with artists like Leonardo da Vinci, Michelangelo, Raphael, and Titian - all exhibiting both technical and aesthetic mastery in their works. We will look at famous pieces of art and connect their seemingly surface-level depictions to the historical happen-

ings of the time period.

Open to students grades 9 through 12

Sat 1:00pm–1:50pm

Class is FULL!

A80: Finding Your Voice: An Introduction to Songwriting

Lan-Anh Vo

Are you interested in writing your own songs but just aren't sure how to get started? This class will provide students with some basic pointers for turning your ideas into real music. We'll also have some time for Q&A and brainstorming.

Open to students grades 9 through 12

Sat 1:00pm–1:50pm

A59: Hip Hop Dance Class

Rimel Mwamba

This course is to introduce students to the art of dance—hip hop in particular. It is meant to teach students about free style dancing and incorporating one's own style to choreographed dance.

Open to students grades 9 through 12

Sat 2:00pm–2:50pm

Sat 3:00pm–3:50pm

Course Catalog — *Humanities*

H53: A “Fleshed Out” History of Zombies

Paige Springman

Are you dying to find out where zombies came from? Well, crawl into this course about zombies! In this course, we will bite into the history of zombies by discovering where they came from, and why they’re here, “infecting” pop culture.

Open to students grades 9 through 12

Sat 9:00am–9:50am

Sat 2:00pm–2:50pm

H87: Election 2016

Jacob Greenblatt, Isabelle Potts, Khaled Jaouhari

Are you a political science fanatic? Or are you interested in politics but not sure where to start? Come join our discussion of the 2016 election! We will cover election basics, the status of each candidate’s campaign, and the impact of debates and late night talk shows. Class time will include watching short video clips and sharing our thoughts. We will also include some time at the end to answer your questions about UNC, the college application process, and college life as a whole.

Open to students grades 9 through 12

Sat 9:00am–9:50am

Sat 10:00am–10:50am

Sat 11:00am–11:50am

Sat 1:00pm–1:50pm

Sat 2:00pm–2:50pm

Sat 3:00pm–3:50pm

H50: Linguistics 101: How to Write All the Sounds

Abba Furry

When linguists write about a language, they use a special standardized alphabet, the International Phonetic Alphabet, to record its sounds. This class will teach you about the IPA and give you all the sound symbols you need to write words in English. Come to this class prepared to make noise!

Open to students grades 9 through 12

Sat 9:00am–9:50am

Sat 1:00pm–1:50pm

Sat 3:00pm–3:50pm

H61: Living Poetry: Making Poetry Exciting in the Modern World

Amanda Robinson

Hate poetry? Think it’s too boring, too outdated, or too hard to understand? You’re not alone. This course aims to help students who find poetry boring or daunting discover a love for the art. We will ignore the old, stuffy, “canonized” works that get thrown at students year after year and make poetry fresh, new, and alive. You don’t have to be a renowned English scholar or poet laureate to appreciate poetry as an art of expression and learn to have fun with it!

Open to students grades 9 through 12

Sat 9:00am–9:50am

Sat 10:00am–10:50am

Sat 11:00am–11:50am

Sat 1:00pm–1:50pm

Sat 2:00pm–2:50pm

Sat 3:00pm–3:50pm

H85: People are different and that’s okay

Kayla Schlieve

“People are different and that’s okay” is a class focused on teaching about multiculturalism. The world is a huge place, and there are many different types of people and cultures. This will be a fun and engaging class designed to help students think about different cultures, practices, and lifestyles. Learn about others and learn about yourself!!

Open to students grades 9 through 12

Sat 9:00am–9:50am

H94: Perception vs. Reality: a Discussion on Revolutionaries, Insurgents, and Terrorists

Rachel Desch

This course considers why we categorize certain people revolutionaries, terrorists, or insurgents. We will discuss how our perception of world order impacts how we classify things. Challenge yourself to think critically on how we perceive the world in order to understand other perspectives and to question why we think the way we do.

Open to students grades 9 through 12

Sat 9:00am–9:50am

Sat 11:00am–11:50am

Sat 2:00pm–2:50pm

Sat 3:00pm–3:50pm

H76: Lost Cities of the Ancient World

Colin Kantor

Pompeii. Atlantis. Their names are immortal, but they’ve been gone for centuries. What happened to them, and why are we so fascinated with these “lost cities”? Drawing on history, archaeology, and art, we will examine several “lost” ancient cities like Atlantis and Pompeii, among others. The class will incorporate both lecture and discussion. Come prepared to dig into our past!

Open to students grades 9 through 12

Sat 10:00am–10:50am

Sat 11:00am–11:50am

H86: Money, Money, Money!!!

Kayla Schlieve

How would you like to hold a FIVE BILLION dollar bill? Have you ever wondered what money from Africa, Asia, Latin America and other countries looked like? Come to “Money, Money, Money” to learn about money form all over the world. This is a highly interactive class and you will be able to actually touch and play with coins and bills from all over the world

Open to students grades 9 through 12

Sat 11:00am–11:50am

H82: Native American Issues from 1800 to Present*Hallie French*

Through this course students will learn about the sordid history of the first Americans, including relations with the United States government. The course will explore effects of removal, assimilation, and removal on Native American communities. In addition to historical context students will also learn about problems facing Native American communities today.

*Open to students grades 9 through 12***Sat 1:00pm–1:50pm****H105: Student Activism Against Genocide***Savannah Wooten*

This class will focus on genocide and mass atrocity student advocacy in the 21st century. It will be taught by Savannah Wooten but may have two co-teachers who are activists in the Triangle area. The class will review cases of modern-day mass atrocity crimes (Sudan, South Sudan, Syria, Burma/Myanmar, Central African Republic, Democratic Republic of Congo, etc.) and historic actions students have taken to protest these crimes and call for stronger action against them. It will speak about lobbying Congressional representatives, staging demonstrations, encouraging divestment, and more. It will also provide resources to understand several current conflict zones and will end with an “action session” where students can take one, two, or more direct contributing actions before the end of the class. If interested, students will be invited to sign up for a listserv to receive continued information about the course/related resources and action items.

*Open to students grades 9 through 12***Sat 1:00pm–1:50pm****Sat 3:00pm–3:50pm****H104: The Economics of Star Wars***Ian Muriuki*

A long time ago in a galaxy far, far away...

Have you ever wondered how the Empire could afford to bankroll the two Death Stars? What is the Trade Federation, and what economic forces were behind the Clone Wars? How did the Hutts and various other criminal cartels become so powerful? What were the differences between the economic systems of the Republic and the Empire? In this course, we will examine the world of Star Wars through the lens of Keynesian economics. By the end of the course, we hope you will be able to determine for yourself which economic system created the greatest amount of prosperity in the galaxy. Who knows? Maybe Emperor Palpatine wasn't such a bad guy.

*Open to students grades 9 through 12***Sat 1:00pm–1:50pm****H73: The Influential Power of Music in Politics***Molly Jernigan*

This course will examine the influence music has on politics around the globe. Rap and rock are the two genres which will be explored in this course.

*Open to students grades 9 through 12***Sat 1:00pm–1:50pm****Sat 2:00pm–2:50pm****H92: African-American Slaves and Medical Experimentation***Hallie French*

From grave-robbing to un-anesthetized surgery students will learn about the dark history of the medical experimentation performed on slaves in the Antebellum South. This often forgotten history is well worth learning about. This class will introduce students to Medical Humanities by examining literature, culture, folklore, and medicine.

*Open to students grades 9 through 12***Sat 3:00pm–3:50pm**

Course Catalog — *Lunch*

L102: Lunch Period

Open to students grades 9 through 12

Sat 12:00pm–12:50pm

Enjoy a break for lunch with your friends! Please register **Class is FULL!**
for this lunch period.

Course Catalog — *Miscellaneous*

X62: A Brief History of ISIS

Brian Fields

This course will give a brief overview of the origins of ISIS/Daesh/ISIL, one of the most prominent terror organizations in the world today. We will discuss a brief overview of historical conflict in the region, the emergence of the Islamic State of Iraq in the mid 2000's, the creation of the Islamic State in Iraq and Syria as we know it today, and an overview of global efforts to combat the organization. We will also discuss characteristics of the group such as use of media propaganda, social media, leadership structure, ideology, and its relationship with other non-state actors in the region.

Open to students grades 9 through 12

Sat 9:00am–9:50am

Sat 10:00am–10:50am

X98: Christmas Trees: From Field to Home

Avery Barr

An overview of the Christmas Tree Industry in the mountains of North Carolina. Looking at the life cycle from seed to living room. Including field care and pest control.

Open to students grades 9 through 12

Sat 9:00am–9:50am

Sat 3:00pm–3:50pm

X60: College Admissions 101

Ashish Khanchandani

This course will give students a quick run-through for everything they will need to know for the college admissions process. This ranges from SAT's to deadlines to interviews and much more!

Open to students grades 9 through 12

Sat 9:00am–9:50am

Sat 10:00am–10:50am

X51: How To Functionally Adult

Caitlin Peterson

It's true: we're not getting any younger! And getting older can be a very scary and stressful transition to make when it seems you don't know what you don't even know. Want some help with that? Then come to How to Adult, the class where you learn all about transitioning past your teenage years to being fully functional! We'll talk about things like moving to college, cooking, scheduling appointments, and even taxes and credit cards, and all those things you wanna know about living the adult life!

Open to students grades 9 through 12

Sat 9:00am–9:50am

Sat 10:00am–10:50am

Sat 11:00am–11:50am

Sat 1:00pm–1:50pm

Sat 2:00pm–2:50pm

Sat 3:00pm–3:50pm

X47: How to Win Your High School Election

Samuel Chao

This course will provide tips on how to improve speech writing and public speaking skills, both essential for winning elections. Holding leadership positions is one of the most desirable traits in college applicants. Students will be given a chance to present their own speeches, and the winner will earn a super awesome prize!!!

Open to students grades 9 through 12

Sat 9:00am–9:50am

Sat 10:00am–10:50am

Sat 11:00am–11:50am

X71: Let's Talk About Sex, *Please*

Callie Wallace

The focus of this class will be examining the way we think and talk about sex. We will play two games: one that illustrate how harmful and inaccurate word-of-mouth rumors can be, and another that draws attention to the sexual messages in songs. We watch a Ted Talk called "Sex Needs a New Metaphor. Here's One..." and then discuss how students' experience with talking about sex compares to this new metaphor. Students will also be asked to jot down anonymous questions on index cards, which will be read aloud and discussed/answered as a class. Students will leave with a handout with a list of reliable resources in case they have any further questions about sex.

Open to students grades 9 through 12

Sat 9:00am–9:50am

Sat 10:00am–10:50am

Sat 11:00am–11:50am

Sat 1:00pm–1:50pm

Sat 2:00pm–2:50pm

Sat 3:00pm–3:50pm

X74: Playing Around: Elements of Good Game Design

Hunter Chen

Want to be an indie game developer? Got a great idea for a game? Learn the do's and don'ts of game design and find out how to get started on your game design career!

Open to students grades 9 through 12

Sat 9:00am–9:50am

Sat 10:00am–10:50am

Sat 3:00pm–3:50pm

X97: Social Entrepreneurship 101: How to make money and change the world

Aribah Shah, Basil Kazi

Learn about social entrepreneurship and how to create your own start-up to solve some of the many societal problems around the world. We will examine how some start-ups do not necessarily generate the impact they intend to. We will look at strategies for success that can be applied both for social entrepreneurs and entrepreneurs in general.

Open to students grades 9 through 12

Sat 9:00am–9:50am

Sat 10:00am–10:50am

Class is FULL!

X83: The Truth About College Admissions

Ryan Huang

Are you a senior trying to decide which schools to apply to? Are you a freshman trying to get a jumpstart on the BEST four years of your life?! Or are you someone who is curious about the real truth behind college admissions? Well, wherever you may fall, this course is for you. In a short 50-minute class, we will cover the basics of college admissions and college applications in a fun and entertaining way! If you have absolutely no clue pertaining to college admissions, no worries! This course will cover EVERYTHING you need to know about the application process, from the nitty-gritty details to the fun and exciting moments of picking the right school for you.

Open to students grades 9 through 12

Sat 9:00am–9:50am

Sat 10:00am–10:50am

Sat 11:00am–11:50am

Sat 1:00pm–1:50pm

Sat 2:00pm–2:50pm

X96: Trolley Problems and Other Die-lemmas

Autumn Demonet

Where does our sense of morality come from and how well can you stick to your guns in different situations?

Using trolley problems as our basis we will discuss the morality of murder and the value of life.

Open to students grades 9 through 12

Sat 9:00am–9:50am

Sat 10:00am–10:50am

Sat 11:00am–11:50am

Sat 1:00pm–1:50pm

X68: Yoga

Jessica Coates

We'll do an easy, introductory yoga class! Wear comfortable clothes and bring a beach towel.

Open to students grades 9 through 12

Sat 9:00am–9:50am

Class is FULL!

X88: Candy for Thought– Philosophy discussion

Ana Simon

Do people keep telling you you're "overthinking" everything? Are you constantly contemplating the meaning of life? Then you'll fit right in!

In this class we will discuss philosophical topics such as free will, determinism and fatalism, and delve into thought experiments in ethics such as the famous "trolley problem." We will also touch on the philosophical foundations of religion.

This is a seminar-style class, so it is structured around discussion. Participation will get you candy!

Open to students grades 9 through 12

Sat 10:00am–10:50am

Sat 11:00am–11:50am

Sat 2:00pm–2:50pm

X84: How To Lose A Girl in Ten Days

Nicholas Teague, Paige Springman

Are you a guy trying to get a girl/boy, or a girl trying to get a girl/boy, or maybe you're just curious about dating? Well, now is your chance to find out what NOT to do! This course is taught by two students (one male and one female) who have seen it all! From bad break ups to weird make out sessions, we have the juicy stories to share with you. This course will give you the knowledge of what NOT to do when trying to win over the heart of your sweetie.

Open to students grades 9 through 12

Sat 10:00am–10:50am

Sat 1:00pm–1:50pm

X79: Library Tours

Sabrina Cheung

How many librarians does it take to screw in a light bulb? I don't know, but I know where you can find out! Come take a tour of our research university! You will get to see different classrooms and learn about the teaching styles that professors may have. Then, we will explore the libraries. You won't fall asleep, I promise. Our libraries are beautiful. First, we will stop by the Wilson Library, home of our special collections and majestic columns. Next, we'll go to the Undergraduate Library (the "UL"), where students relax in a more cozy and modern setting, and the tall, Hogwarts-esque Davis Library. If we have time, we will stop by a campus favorite: Alpine Bagel. Special location requests possibly accepted.

Open to students grades 9 through 12

Sat 10:00am–10:50am

Sat 2:00pm–2:50pm

X57: Wet N' Wild: Sustainability with Water Practices

Paulina Powierza, Emily Hightower, Lauryn McMiller

Students are shore to love this class! Come sea for yourself. This class is taught by the Eco Reps Water Team (Aka, the otters). We will dive into a discussion on the importance of water in our world and ways we can work to conserve it. We will also do a mini experiment, some ice breakers, among other activities. Sign up! Water you waiting for? bonus incentive: water themed FOOD/SNACK!

Open to students grades 9 through 12

Sat 10:00am–10:50am

Sat 11:00am–11:50am

X89: Becoming an Effective Person

Sabrina Cheung

"I want to do everything, but I don't have time!" -Everybody and their mother. Do you struggle to balance schoolwork, extracurriculars, a job, time with family and friends, and those beloved sleep hours? Fortunately, life doesn't have to be this stressful. Don't be that person who is late to everything

anymore. Learn valuable time management skills, such as prioritizing your time, setting attainable goals, and overcoming procrastination. You will finally have time for Netflix again. This course will be part lecture and part seminar.

Open to students grades 9 through 12

Sat 11:00am–11:50am

Class is FULL!

X103: Indian Arts

Sreya Atluri

Join us for an engaging discussion about the arts from the culturally rich and diverse India. We will be going over the various art forms, and then have some fun practicing different Indian dances, ranging from Bollywood to classical! Come prepared to have fun and dance away!

Open to students grades 9 through 12

Sat 11:00am–11:50am

X99: Public Speaking and Presentations 101

Mengmeng Fang, Lucy Su, Isha Sharma

An introduction to public speaking for high school students.

Open to students grades 9 through 12

Sat 11:00am–11:50am

Sat 1:00pm–1:50pm

Sat 2:00pm–2:50pm

Sat 3:00pm–3:50pm

X67: To Infinity...And Beyond! An Introduction to World-Building

Lan-Anh Vo

Are you a fan of Star Wars, Harry Potter, or even Pokmon? Although different in many ways, these stories all have one thing in common: they are set in a captivating world. In this course, we will explore the basics of fictional world-building, including insights this process provides into our own, real world.

Open to students grades 9 through 12

Sat 11:00am–11:50am

Class is FULL!

X77: Exploring Digital Visualization: Basics of 3D Animation

Hunter Chen

Bring your digital creations to life with 3D animation! We will be using professional animation software to create your own animations! This class will go through a full workflow from ideas to final production rendering.

Open to students grades 11 through 12

Sat 1:00pm–1:50pm

X70: Intro to Wales and the Welsh Language

stephanie Forde

This course will look at the small country of Wales which is part of the United Kingdom. Students will learn about the little known Welsh culture and identity, and will look at what it means to be Welsh. Students will also have the fun & exciting opportunity to learn a little bit of the Welsh language and become one of only a small percentage of the world population to be able to speak Welsh!

Open to students grades 9 through 12

Sat 1:00pm–1:50pm

X81: American LGBT Rights in the 21st Century

Brian Fields

This course will provide a brief, objective overview of the evolution of LGBT rights in the United States from 2000 to the present, and also look into

Open to students grades 9 through 12

Sat 2:00pm–2:50pm

Sat 3:00pm–3:50pm

X52: The Basics of Martial Arts and Self-Defense

Grace Gunter, Savanna Ledford

This course will focus on the basic movements and stances of martial arts, will include kicking, punching, and guarding techniques. We will also incorporate the application of these techniques in a self-defense situation. The course is designed to incorporate small portions of different martial arts in order to have develop a solid understanding of defense. Students should expect to work in pairs near the end of class to practice defense techniques and safety procedures.

Open to students grades 9 through 12

Sat 2:00pm–2:50pm

Course Catalog — *Science*

S90: Earthworms: a Story of Invasion

Hallie French

You may think that you learned all you need to know about these invertebrates in elementary school, but you are wrong! Students will learn about the foreign invaders in their own backyard. This course will explore the ecological effects of invasive earthworms in the United States.

Open to students grades 9 through 12

Sat 9:00am–9:50am

S63: Unraveling the Brain: A Biological Masterpiece

Harish Pudukodu, Madison Szar, Jeffrey DiBerto

Join some of the executive officers of the Carolina Neuroscience Club as we explore the fascinating bio-computer we call “The Brain”.

How do electrical impulses turn into beautiful art? And jelly-like folds to exquisite childhood memories? We will explore intriguing questions like these and many more during our course at SPLASH UNC!

Open to students grades 9 through 12

Sat 9:00am–9:50am

Sat 10:00am–10:50am

Sat 11:00am–11:50am

Sat 1:00pm–1:50pm

Sat 2:00pm–2:50pm

Sat 3:00pm–3:50pm

S48: Chemistry as a Catalyst

Ushma Vaidya

The purpose of this course is to teach students chemistry in a more hands-on approach, different from what typical Chemistry courses teach in the classroom. In this course, students will engage in fun activities that demonstrate the way in science works!

Open to students grades 9 through 12

Sat 10:00am–10:50am

Sat 1:00pm–1:50pm

Sat 2:00pm–2:50pm

S55: Does That Make Sense?

Pooja Joshi

In this class, students will participate in various activities to learn about our senses and the psychology behind them. Get ready to see, taste, smell, touch, and hear a whole bunch of exciting things!

Open to students grades 9 through 12

Sat 10:00am–10:50am

Sat 11:00am–11:50am

Sat 2:00pm–2:50pm

S69: Gene Regulation and the lac operon

Noah Legall

Gene regulation is very important when it comes to support-

ing life. You wouldn't want all genes expressed all the time because that would be a waste of energy. So how do cells conserve energy and only express genes when need?

In order to answer this question, this class will discuss the lac operon found on the bacteria genome, and how its structure can conserve energy for the organism.

Open to students grades 9 through 12

Sat 10:00am–10:50am

Sat 11:00am–11:50am

Sat 2:00pm–2:50pm

Sat 3:00pm–3:50pm

S75: Trust Your Gut: Split-Second Decision Making

Isaiah Kim

Learn how your brain makes split-second decisions and how to train your brain to make decisions quickly.

Open to students grades 9 through 12

Sat 10:00am–10:50am

Sat 11:00am–11:50am

Sat 1:00pm–1:50pm

Sat 2:00pm–2:50pm

S106: Marine Biodiversity

Rachel Snider

An introductory course about the importance of biodiversity in the oceans, and some cool stuff found there.

Open to students grades 9 through 12

Sat 11:00am–11:50am

S65: Unlocking the Secrets of DNA: An Overview of the Central Dogma and the Nature of Genetic Inheritance

Rohanit Singh, Joel Anil

This course will walk through the different ways in which an individual's DNA has such a profound effect on their overall makeup. The first half of the course will deal with the basics of transcription and translation, while the second half of the course will deal with inheritance of traits and genetic material. All of these topics will be discussed while utilizing fun and engaging classroom activities that differ from the normal classroom methods of teaching this material.

Open to students grades 9 through 12

Sat 11:00am–11:50am

Class is FULL!

S95: Unusual Animals

Emma Bogerd

Learn about the importance of biodiversity by examining some of the strange animal species that inhabit our planet.

Open to students grades 9 through 12

Sat 1:00pm–1:50pm

S64: I've Got a Bone to Pick With You*Preeya Deol*

This course offers an introduction to the anatomy of the musculoskeletal system.

We will also discuss musculoskeletal disease, and various treatment options, such as physical therapy or surgery. Get excited to learn more about how our body works to keep you movin' and groovin' everyday!

Open to students grades 9 through 12

Sat 2:00pm–2:50pm

Sat 3:00pm–3:50pm

Class is FULL!

S78: A Scandal on Nutrition*Savanna Ledford*

Nutrition is taught today in a way that says anything not heavily processed, low in sugar, and is in its most natural form is healthy. Dr. Esselstyn thinks differently. This class will bend the common thoughts on what is healthy and the various chemical processes the body goes through to break food down.

Open to students grades 11 through 12

Sat 3:00pm–3:50pm