

CAREER ACADEMY ELECTIVES @ BLAIR

A summary of some of the electives offered at Blair, organized by Academy. Not all elective choices are included. Please refer to the High School Course Bulletin and talk to your counselor or Academy lead teacher for more information.

Academy of Entrepreneurship & Business Management

Entrepreneurship: Foundational course to learn the necessary skills they need to understand business principles. Investigate topics such as development of a business plan, financing, marketing.

Accounting: Students will be able to set up accounts, prepare qualitative reports, and learn about auditing principles, budgets, and final reports.

Marketing: Students learn economics and the role of marketing in today's global economy, including human relations, business organizations, market services, competition, and market research.

AP Economics: Emphasizes choices and decisions people and nations make about the use of resources. Study monetary policies and the application of economics to everyday life.

AP Psychology: Study behavior and investigate the psychological methods of research, biopsychology, cognitive processes, development, personality, and disorders and their treatment.

AP Statistics: Include data analysis, probability, simulations, and techniques of sampling, confidence intervals, and hypothesis testing.

Academy of Human Services Professions

Anatomy and Physiology: Study of the major systems of the human body. Career opportunities in medical-related fields are examined.

Child Development (1, 2, or 3): Students become a part of an education team that has direct interaction with 4-year-olds in a lab school setting. Students interested in education, pediatric medicine, physical therapy, family law, psychology, and sociology.

Family Life: Develop a greater understanding of how family relationships and human sexuality have an impact on individual health and society. Topics include interpersonal relationships, economics of family life, responsibilities of marriage and parenting, pregnancy and childbirth.

Teaching as a Profession: Apply lesson planning skills and educational philosophy to real-life experiences in an elementary school. Ideally matched with students who are also participating in the BLISS tutoring program.

Philosophy: Major philosophers and their works are studied with focus on the nature of the universe, basic moral and intellectual superstructure of society, good and evil, free will and determinism.

Psychology: Scientific study of behavior and mental processes. Learn to apply psychological principles to daily life, investigate the role of scientific inquiry into the major domains of psychology.

Sociology: Concerned with human groups and factors that unite or divide them, including culture, values, social groups, social stratification, population, family, and social institutions.

Specialty PE: Emphasis on improving individual fitness levels in basketball, dance, fitness, soccer, and weight training.

Academy of Science, Technology, Engineering & Math

Anatomy and Physiology: Study of the major systems of the human body. Career opportunities in medical-related fields are examined.

AP Electives: Biology, Chemistry, Physics, Environmental Science, Calculus, Statistics

Computer Programming (1, 2, and 3): Fundamentals of C++ and Java programming language, simple and structured data types, control statements, and functions.

Forensics: Study forensic science and modern criminal investigation analysis.

Geoscience: Investigates Earth's place in the universe, Earth systems, and the impact of humans on Earth systems.

Intro to Engineering Design: Develops students' problem-solving skills, with emphasis on visualization and communication skills using a computer and a 3-D solid modeling software.

Statistics: Include data analysis, probability, simulations, techniques of sampling, confidence intervals, and hypothesis testing

Upper-level Math Electives: Applied Statistics, Discrete Math, Linear Algebra, Complex Analysis, Multivariable Calculus

Upper-level Science Electives: Molecular Biology, Astronomy, Biotechnology, Cell Physiology, Optics, Thermodynamics, Materials Science, Marine Biology, Quantum Physics, Genetics

Academy of International Studies & Law

Global Issues in The 21st Century: Uses a variety of resources that relate to intercultural and international topics to learn about the diversity, complexity, and interdependence of the world community. The goal is to become "literate" in understanding the news that confronts us each day. We look at every country in the world and the major issues that dominate the world and drive events.

Justice, Law, and Society: Designed to deepen knowledge and understanding of the judicial branch at national, state, and local levels of government and to establish a foundation of understand of the American legal system, explore careers in criminology, explore crime from beginning to end through the eyes of professionals responsible for law enforcement and from a civil perspective.

Comparative Religions: Survey of the basic elements and historical development of world religions.

Cultural Anthropology: Learn the methods archaeologists use to uncover finds, determine age, classify artifacts, and trace the origins of social interaction.

Forensic Science: Study forensic science and modern criminal investigation analysis.

Area Studies and History: African American History, Area Studies of Eastern Asia, Latin America, Middle East

International Human Rights: History of the human rights ideal, from ancient times to the 21st century. Examine the existing human rights and humanitarian law instruments and their enforcement.

Language Classes: Spanish, French, Japanese, Arabic and Latin

Peace Studies: A look at nonviolent force as practiced by current and past peacemakers. How can we work to end the cycle of violence that permeates society at the personal, national, and international levels? We examine the philosophy of nonviolent force, use of primary and secondary sources, guest speakers and look at innovative methods of conflict resolution.

Philosophy: Major philosophers and their works are studied with focus on the nature of the universe, basic moral and intellectual superstructure of society, good and evil, free will and determinism. How can we apply philosophical inquiry to today's issues?

Sociology: Concerned with human groups and factors that unite or divide them, including culture, values, social groups, social stratification, population, family, and social institutions.

AP Classes: Comparative Government, European History, Human Geography, Macroeconomics, Microeconomics, Psychology

Academy of Media, Music, & the Arts

Acting: Complex development of acting skills and theories, structured methods of role/character development.

African American Literature: Explore African American texts, music, and culture

Art & Culture: Explore cultures of many countries through hands-on art projects

Art Electives: Foundations of Art, Studio Art 1,2,3, Ceramics 1,2,3,4, Digital Art, Photography 1,2,3, Fashion Drawing & Design

College Test Prep: Preparation for both the SAT and ACT; this 1 semester course includes 1 quarter of English instruction and 1 quarter of Math instruction

Creative Writing: Guided instruction in creative writing with special emphasis on poetry, drama, fiction, and expository writing.

Dance as Fine Art: Emphasizes developing technique and exploring dance as a fine art. Applications directed at movement problem solving, original choreography, and increased improvisational skills.

Digital Art: Love Computers? Love Art? Combine these loves in Digital Art 1 and 2!

Fashion Drawing & Design: Improve your drawing skills while exploring the world of fashion.

General Music Electives: Piano 1,2, Guitar 1,2, Music Technology, World Drumming, Music Theory and Composition

AP Music Theory: Study the elements of music through written and aural work as you prepare for the AP Music Theory Exam in May

Journalism: Develop skills in gathering and reporting news, editing, copyreading, and headlining. Consider issues such as the responsibilities of the press, libel and slander laws, problems of censorship, role of news media in shaping public opinion.

Lights, Camera, Literacy!: Build/reinforce key literacy concepts and skills through moving-image education. Collaborate with peers, create scripts, and work with digital video cameras, special effects materials, and editing software. Watch and analyze a variety of short and feature length films that focus on magical realism and outlier themes. The escalating challenges of student projects culminate with the completion of an original, all-encompassing four minute film.

Literature as Film: Examines the original texts and choices made by writers and directors in the adaptation process; students learn by creating their own adapted short films.

Media in Society: Focuses on the systematic analysis of information received through various mass media to help students develop independent judgments about media content.

Music Performance Classes: Chorus, Show Choir, Concert Band, Symphonic Band, Concert Orchestra, Symphonic Orchestra, Jazz Lab Band, Honors jazz Band

Music Technology: Techniques of electronic sound production and manipulation, and apply them to create their own compositions.

Play Directing: Skills required in theater directing and role of director as interpretative and creative artist.

Stage Design: Study stage production and design, mounting of stage presentations, emphasis on problems of technical production.

Theater: Understanding of the entire process through which human behavior is translated into a written drama, produced as a play, and presented to an audience.