



STUDENTS INTERESTED IN STEM MEDIA ACADEMY@BRAVO MEDICAL MAGNET HIGH SCHOOL

What is SISTEMMA in 2017-18?

Students Innovating Science, Technology, Engineering, and Mathematics Media Arts Academy (SISTEMMA) proposes to allow students to work with cutting edge media technology to learn and master media design and production skills and to communicate concepts and understanding of science, technology, engineering, and mathematics (STEM) and Healthcare pathways.

The SISTEMMA curriculum consists of 5 core courses over three years. All SISTEMMA courses count toward graduation.

10th grade

- **SISTEMMA Communications (English 10 AB Honors credit):** This is an English class themed around science and speculative fiction and providing all the necessary communications fundamentals while accomplishing the specific goals of 10th grade English, such as successful passing of the CAHSEE and preparation for AP courses. **Fulfills a UC/CSU B requirement.**

11th grade

- **SISTEMMA Filmmaking (Filmmaking 1AB elective credit):** Filmmaking 1AB is a process based course that introduces students to the science and art of film and students will learn the how an experiment became an industry that produces the most popular form of entertainment on Earth. Students will study the history of cinema, the intricacies of the craft of filmmaking, and the process of making filmed content for a variety of purposes. The class will study a variety of film styles, genres, and formats from around the world and students will learn to make their own films. **Fulfills a UC/CSU G requirement.**

12th grade

- **SISTEMMA Media (Journalism & Digital Imaging) elective credit-2 period block:** This media program introduces students to a variety of media forms to use for communication; students will help produce the school newspaper *Vital Signs* in print and online, help design and develop the school's yearbook, help develop a broadcast channel for Bravo news, stream Bravo content onto the web, and record podcasts, along with other activities, in addition to a variety of multimedia personal projects, students will develop media products that communicate the STEM work of students at the school, work in partnership with USC (Annenberg School of Communications, School of Cinematic Arts, ISI, Keck School of Medicine, Viterbi School of Engineering) and local media partners (*Boyle Heights Beat*, *La Opinion*, Univision) and produce content for media related conventions such as WonderCon, ComiKaze, and ComicCon. Field trips and potential internships with community partners are also possible. **Fulfills a UC/CSU F/G requirement.**

9 th grade	10 th grade	11 th grade	12 th grade
Apply for SISTEMMA	SISTEMMA Communications (English 10 Honors credit)- 1 period Teacher: Ms. Amrhein	SISTEMMA Filmmaking (Journalism Elective credit) 1 period Teacher: Mr. Rodriguez	SISTEMMA Media (Journalism & Digital Media Arts elective credit) 2 period block Teacher: Mr. Rodriguez and Ms. Santana

There are forty (40) A-G credits available to students upon successful completion of all the classes for the academy. Students can also earn service-learning credit, if they pass the journalism class, and community service hours, if they work on the summer issues of the newspaper. The journalism class has several responsibilities, including publishing *Vital Signs*, the school's monthly newspaper and video news magazine, and updating the school's news website, along with working on Bravo's social media and podcast channels. The computer and filmmaking classes will develop media for film festivals and STEM fairs at the school.



More info and application: click on SISTEMMA link on the main page at bravoweb.lausd.net