

# Riverside STEM High School

Welcome Class of 2025!



Program Information



# Application and Registration

General Application available November 1-Closes February 11, 2021 on high school website

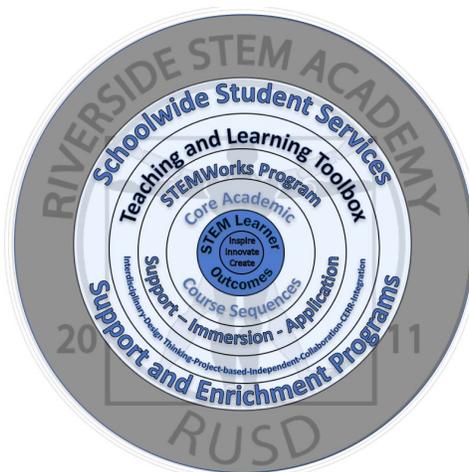
<http://stemhigh.riversideunified.org>

- **Current RSA 8th Graders have Priority Enrollment.** RSA students are not guaranteed enrollment, however, students in good standing with grades of “C”s or better throughout the 8th grade will be deemed “eligible” and considered first for enrollment. RSA students will be notified of acceptance by March 12, 2021. Parents must sign transfer form to hold their spot by **April 2, 2021.**
- **General Application Window Closes February 11, 2021** - all applicants notified to submit admissions **packet.** Deadline to submit a complete admissions packet: **March 19, 2021.**
- **Screening process** - Notifications for acceptance status by April 9, 2021. Once students receive confirmation of acceptance, they will need to contact the RSA Registrar to complete the registration process. Deadline to complete and turn in all enrollment paperwork, **Monday May 3, 2021.**
- **Selection of courses** will begin in May, once notifications of enrollment have been sent, acceptances confirmed and registration paperwork complete.

## The STEM Program\*

**60% of college-ready high school graduates nationwide that enter college as a STEM major - drop out of STEM majors before college graduation**

**RSAHS Purpose - To prepare our students to successfully complete a college degree and pursue a career in STEM-related fields**



\*The program described reflects “pre-Covid-19” components - this is anticipated to continue once full-time, face-to-face instruction is allowed to resume.

## College Admission Requirements

All Riverside STEM Academy Students take a program of study that far exceeds the minimum college admission requirements established by the UC and Cal State University programs.

A-G Subject	UC/CSU Requirements	RSA High School Program
A English	4 Years	4 Years (2 AP Available)
B Math	3 Years (4 recommended)	4 Years (2 AP)
C History	2 Years (District 3 years)	3 Years (3 AP Available)
D Science	2 years (4 recommended)	4 Years (5th Option)
E Foreign Language	2 Years (3 rec.)	3 Years
F Visual/Performing Arts	1 Year	1 Year (4 Avail)
G Elective	1 Year	3 Years

## The Core Academic Program

	9th	10th	11th	12th
<b>Science</b>	H Chemistry	AP Biology or Biology	<u>Sci. Elective</u> Physics APES Anatomy AP Chem AP Physics 1/2	<u>Sci. Elective</u> Physics APES Anatomy AP Chem AP Physics 1/2
<b>Math</b>	Accel Math 2	Accel Math 3	Calculus AB or Pre-Calculus	AP Statistics
<b>STEM Inter-Disciplinary Courses</b>	Principles of Biomedicine	Introduction to Engineering	Principles of Engineering	<u>Elective:</u> Eng. Des/Dev. Capstone Res. Computer Sci. 2nd Sci. Crs. Online Crs. Coll. Dual Enr.
<b>English</b>	H Intro to Literature	H World Literature	AP Language or Am. Lit.	AP Literature or Brit. Literature
<b>History</b>		AP or World History	AP or US History	AP or Gov. and Economics
<b>Foreign Language</b>	Spanish 1	Spanish 2	H Spanish 3	
<b>PE and Electives</b>	PE - 9 Perf. Band	Hybrid PE Perf. Band	Hybrid PE Perf. Band	Hybrid PE Theater Arts Perf. Band

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## Daily Schedule and STEMWorks

A rigorous program of study requires support and enrichment opportunities for students to make the most of their high school experience at RSAHS. To meet this need, **a unique block schedule** and embedded program options are made available to students on a daily basis. Students attend 3 academic classes and a fourth elective block, called STEMWorks, five days per week. During STEMWorks students can choose how to spend part of each academic day, whether it be finding a quiet place to study, completing AP lab investigations, meeting with a teacher for help in a subject, enrolling in an immersive enrichment opportunity in science or the arts, working in the engineering lab on special projects, organizing a study group, participating in high school athletics or completing PE requirements. **STEMWorks provides students the flexibility to decide how best to structure their RSAHS learning experience.**

STEM High Bell Schedule 2019-2020					
Week A					
	M	T	W	T	F
7:30-8:25	"0" Period				
8:30-10:00	1	2	1	2	1
10:07-11:37	3	4	3	4	3
11:44-1:14	5	6	5	6	5
1:14-1:49	LUNCH				
STEMWorks					
1:56-2:35	7		7	7	7
2:40-3:20	8	7	Release 2:35	8	8
Week B					
	M	T	W	T	F
7:30-8:25	"0" Period				
8:30-10:00	2	1	2	1	2
10:07-11:37	4	3	4	3	4
11:44-1:14	6	5	6	5	6
1:14-1:49	LUNCH				
STEMWorks					
1:56-2:35	7		7	7	7
2:40-3:20	8	7	Release 2:35	8	8

## Campus Life and Clubs

RSAHS believes it is vital for students to have a well-rounded and balanced experience at school and all students are encouraged to participate in extracurricular activities. Student organizations at RSAHS remain very active and a wide variety of campus activities take place throughout the school year to enhance the student experience. The list below contains some of the clubs and programs currently available or planned for at RSAHS. However, if there is a new club or activity that a student wants to explore, they are encouraged to do so with the help of a teacher advisor.

Speech and Debate

ASB

MUSE (Arts)

California Scholarship Federation

Engineering Design Challenge

Link Crew

Gaming Club

Community Service

Science Club

Robotics

Nature Club

Wellness Club

Yearbook

Theater

Forestry Challenge

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## Guidance Counseling Center

The RSAHS guidance center provides students with the resources needed for college planning. Digital resources and links are sent out to students and parents regularly and are also available on the guidance tab of the high school website.

<http://stemhigh.riversideunified.org>

Common college planning resources available at RSAHS include:

- PSAT Testing Registration
- SAT and ACT Testing and Registration
- SAT and ACT Preparatory Course Resources
- AP Testing
- College Application Information
- College and Career Fair Announcements
- Assistance with College Applications and Essays
- Scholarship and Financial Aid Information

## Program Graduation Options

RSAHS provides a unique graduation option for students wishing to stand out among college applicants. In addition to the traditional diploma that students receive upon completion of district graduation requirements, students at RSAHS are the only students from the comprehensive high schools that can qualify for an RUSD Scholar's Diploma if they choose to complete a Capstone Research Project. The requirements for each diploma are listed below.

### Diploma Options for RSAHS Students

Traditional Diploma	Scholar's Diploma
Complete District Grad. Requirements	Complete RSAHS Program Requirements with a B average and a *Capstone Research Project

### **Athletics Questions**

RSAHS does not have an interscholastic athletics program. However, students are allowed to participate in athletics at RUSD high schools. Transportation to each school is provided by the student. The unique schedule at RSAHS allows students participating in athletics to not miss academic course time, however students do leave during the STEMWorks block.

We look forward to seeing you this Fall! GO ANDROIDS!

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# Why STEM HIGH?



access to teachers      family atmosphere  
individuality matters      enriched learning  
unique opportunities      college-ready program  
collegiate environment      distinguished graduates

*Where are they now? STEM High is proud of its graduates! Take a look at where some of the first 4 graduating classes at STEM High have continued their educations:*

- Cal Tech
- Berkeley
- UCLA
- UCSD
- UC Davis
- UCR
- UCI
- UC Santa Cruz
- Univ of Arizona
- Grand Canyon Univ
- Cal Baptist Univ
- Tohoku University
- RCC
- Military
- USC
- WSU
- San Diego State
- Cal Poly Pomona
- Cal State Fullerton
- Brown University
- NYU
- MIT
- RPI
- Davidson
- Univ of Rhode Island

**To solve the most pressing problems: The community, country and planet need well-rounded citizens, with stackable skill sets in:**

**Science**      Technology

*Engineering*

**MATHEMATICS**

**Problem Solving**

communication

**SKILL SETS DEVELOPED AT:**



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