

# Typical Tesla STEM Student Schedule

7 classes at STEM each year required

## 9th Grade

1. **Honors English 9**
2. **Math:** Algebra 1 | Geometry | Alg 2 | Pre-Calc
3. **Science:** Honors Physics
4. **Fine Art:** Graphic Production
5. **World Language:** Honors Spanish 1, 2, or 3
6. **Elective:** AP Computer Science Principles
7. **Elective:** Entrepreneurship & Engineering

## 10th Grade

1. **Honors English 10**
2. **Math:** Geometry | Alg.2 | Pre-Calc | AP Calc AB
3. **Biology:** AP **OR** Honors
4. **Biology Lab**
5. **AP Environmental Science**
6. **World Language:** Honors Spanish 1, 2, or 3  
**OR Elective** \_\_\_\_\_  
(if 2-year language requirement already met)
7. **Elective:** \_\_\_\_\_  
(Choose from list below)

## 11th Grade

1. **English 11:** AP **OR** Honors
2. **Math:** Hns Alg.2 | Pre-Calc | AP Calculus AB | AP Calc BC
3. **Honors U.S. History**
4. **Honors Chemistry**  
**OR Elective** (if Chemistry already completed) \_\_\_\_\_
5. **Elective:** \_\_\_\_\_  
(Research or Business/Economics recommended)

*Junior Lab Options: **Choose ONE***

- AP Psychology & Forensics (2 credits)*  
**OR**  
 *Environmental Engineering & Sustainable Design (1 credit)\**

**\*EESD choice requires one additional elective:** \_\_\_\_\_  
(Choose from list below)

## 12th Grade

1. **English 12 – World Lit/ACR Masterpieces**
2. **Math:** Pre-Cal | AP Stats | AP Calc AB | AP Calc BC | MV Calc
3. **Honors Contemporary World Problems**
4. **Civics & Health** (1 sem. grad req each) via LWSD  
**OR Elective:**(if Health and/or Civics already completed) \_\_\_\_\_
5. **Elective:** \_\_\_\_\_  
(Business/Economics recommended)

*Senior Lab Options: **Choose ONE***

- Advanced Biomed Lab & Honors Anatomy & Physiology (2 credits)*  
**OR**  
 *AP Physics C: Mechanics & AP Physics C: Electromagnetism (2 credits)*

### Elective Options:

Business & Marketing Found. (10<sup>th</sup>-12<sup>th</sup>)  
Digital Marketing & Social Media (11<sup>th</sup>-12<sup>th</sup>)  
AP Statistics  
Honors Spanish 3  
Independent Research (11<sup>th</sup>)

Engineering I  
Engineering II  
Engineering III  
AP Comp Sci A  
Data Structures  
Advanced Projects

Honors Chem  
AP Chemistry  
Peer Tutoring  
Multivariable Calculus\*  
(\*space permitting)

### Optional before/after school

Orchestra (2x/wk after school)  
Choir (2x/wk after school)  
Leadership (2x/wk before school)

## Class of 2023+ Minimum Graduation & University Requirements

SUBJECT	STATE MINIMUM GRAD REQUIREMENTS	TESLA STEM COURSE OFFERINGS	UNIVERSITY REQUIREMENTS
ENGLISH	4 Credits	Hn English 9, Hn English 10, Hn or AP English 11, English 12 - World Lit/ACR	All Universities: 4
SOCIAL STUDIES	3 Credits	Hn U.S. History, Hn Contemporary World Problems, Civics (0.5 credits), AP Psychology, Economics (0.5 credits)	Minimum: 3 Competitive Universities: 3-4
WORLD LANGUAGE	2 Credits <i>Must take two years of the same language</i>	Hn Spanish 1-3	Minimum: 2 Competitive Universities: 3-4
MATH	3 Credits	Algebra 1, Geometry, Hn Algebra 2, Hn Pre-calculus, AP Statistics, AP Calculus AB, AP Calc BC, Multivariate Calc, AP CSP, AP CSA	Minimum: 3 Competitive Universities: 3-4 ( <i>many Universities mandate Senior year Math</i> )
SCIENCE	3 Credits	Hn Physics, Hn or AP Biology, Biology Lab, AP Environmental Science, Hn or AP Chemistry, Forensics, Environmental Engineering & Sustainable Design, AP Physics C, Hn Anatomy/BioMed	Minimum: 2 Competitive Universities: 3-4
FINE ARTS	2 Credits <i>1<sup>st</sup> cr mandatory, 2<sup>nd</sup> cr optional based on HSB Plan</i>	Graphic Arts, Orchestra, Choir	Minimum: .5 -1 Competitive Art Universities: 2-3
OCCUPATIONAL	1 Credit	Environmental Engineering & Sustainable Design, Engineering 1-3, Forensics, AP Psychology, all Comp Sci classes, all Business classes	
P.E.		Pass PE Proficiency Written Test in 11 <sup>th</sup> /12 <sup>th</sup> grade	
HEALTH	0.5 Credit	LWSD Online Health course or another approved online provider	
ELECTIVES	Varies	Advanced Science classes, Advanced Math, Computer Sciences, Music, Engineering, Business, all other additional classes	
TOTAL CREDITS	24 credits		<i>*Check individual colleges for additional course requirements and testing requirements (ACT, SAT, etc.)</i>
STATE GRADUATION PATHWAY/TESTING REQUIREMENT	Math Smarter Balanced Assessment or Approved Graduation Pathway		
	English Smarter Balanced Assessment or Approved Graduation Pathway		
HIGH SCHOOL & BEYOND PLAN REQ.	Xello lessons each year; completed in Senior Year		

**\*\*Math and World Language are the ONLY middle school classes that may receive high school credits\*\***

LWSD graduation requirements can also be accessed at <https://www.lwsd.org/schools/high-school/high-school-guide>