

Marcus Science Course Flow Chart

First Science: Biology (reg , PAP, or AP)



Second Science options:

- Integrated Physics & Chemistry- IPC
- Chemistry (reg, PAP, or AP with approval)
 - Physics (reg, PAP, or AP-1)



Third & Fourth Science options:

- AP Biology
- Chemistry (reg, PAP, or AP)
- Physics (reg, PAP, AP-1, AP-2, AP-C)
 - AP Environmental Science
 - Advanced Animal Science
 - Anatomy & Physiology
 - Aquatic Science
 - Astronomy
 - Food Science
- Medical Microbiology/Pathophysiology
- Engineering Design & Problem Solving: Infinity OR Bioengineering**
 - Forensic Science**

**Offered at Career Center

Please Note:

- See your current science teacher to discuss your appropriate placement for next school year.
- See LISD Course Description Guide for any pre-requisites courses.
- Chemistry & Physics required for STEM Endorsement.
- Science requirements vary based on Endorsement.
- Check core class requirements for your Endorsement.

Revised Jan 2019

Marcus Social Studies Course Sequence

Grade 9 Social Studies options:

- World Geography (reg or PAP; avail in Gr 9 only)
 - World History regular (AP not avail in Gr 9)
- AP Human Geography/Humanities (avail in Gr 9 only)

Grade 10 Social Studies options:

- World History (reg or AP)
- Dual Credit World Civilizations: one HS credit; 6 college hours
 - **Special Topics .5 credit courses:**
 - Civil War & Reconstruction
 - Culture & Conflict
 - Psychology
 - Sociology
 - Street Law
 - US Military History
 - World After WWII

Grade 11 Social Studies options:

- US History* (reg, AP, or Humanities)
- Special Topics .5 credit courses (see Gr 10 for list)
 - AP Psychology
 - AP European History

**Note: one credit in US History is required in Gr 11*

Grade 12 Social Studies options:

- US Government* (reg or AP)
- Economics* (reg or AP)
- Special Topics .5 credit courses (see Gr 10 for list)
 - AP Psychology
 - AP European History

**Note: Govt & Economics are required in Gr 12*

Please Note:

- See your current Social Studies teacher to discuss your appropriate placement for next school year.
- See LISD Course Description Guide for any pre-requisites courses.
- Social Studies requirements vary based on Endorsement. Check core class requirements for your Endorsement.

Revised Jan 2019

**Foundation High School Plan with Endorsement
Math Course Options
2019-2020**

1st Math	<input type="checkbox"/> Algebra I		
2nd Math	<input type="checkbox"/> Geometry		
3rd Math	<input type="checkbox"/> Algebra II*	<input type="checkbox"/> Statistics <input type="checkbox"/> AP Computer Science A	<input type="checkbox"/> Mathematical Models with Applications <input type="checkbox"/> Digital Electronics^ <input type="checkbox"/> Accounting II^^ <input type="checkbox"/> Robotics II^ <input type="checkbox"/> Manufacturing Engineering Technology II^
4th Math & Beyond	<input type="checkbox"/> AP Statistics** <input type="checkbox"/> Dual Credit Math** <input type="checkbox"/> Precalculus** <input type="checkbox"/> AP Calculus** <input type="checkbox"/> Multivariable Calculus <input type="checkbox"/> Engineering Math***^ <input type="checkbox"/> AP Computer Science A <input type="checkbox"/> College Prep Math <input type="checkbox"/> Statistics <input type="checkbox"/> Mathematical Models with Applications <input type="checkbox"/> Digital Electronics^ <input type="checkbox"/> Accounting II^^ <input type="checkbox"/> Robotics II^ <input type="checkbox"/> Manufacturing Engineering Technology II^	<input type="checkbox"/> Algebra II* <input type="checkbox"/> Statistics <input type="checkbox"/> AP Computer Science A <input type="checkbox"/> Mathematical Models with Applications <input type="checkbox"/> Digital Electronics^ <input type="checkbox"/> Accounting II^^ <input type="checkbox"/> Robotics II^ <input type="checkbox"/> Manufacturing Engineering Technology II^	<input type="checkbox"/> Algebra II* <input type="checkbox"/> Statistics <input type="checkbox"/> AP Computer Science A

Notes:

***Algebra II is encouraged for all LISD students and is required for Distinguished Level of Achievement (DLA) and STEM Endorsement**

****STEM Endorsement advanced math course options**

^ Career Tech Education (CTE) Course offered at Career Center

^^ Career Tech Education (CTE) Course offered at Campus