

### English Language Arts

#### 4 credits must consist of:

- English I (1)
- English II (1)
- Two additional English credits above English II and approved for admission to IHL

### Mathematics

#### 4 credits must consist of:

- Algebra I (1)
- Algebra II (1)
- Geometry (1)
- And 1 Carnegie Unit of comparable rigor and content may come from mathematics courses approved for Mississippi Scholars Credit ([mississippischolars.ms](http://mississippischolars.ms))

### Science

#### 4 credits must consist of:

- Biology I (1)
- Chemistry (1)
- Any 2 Carnegie Units of comparable rigor and content above Biology I and Chemistry (Physics [1] preferred). Additionally, 1 Carnegie Unit may come from a Career Technical Education course.

### Social Studies

#### 4 credits must consist of:

- World Geography (½)
- Mississippi Studies (½)
- World History Studies (1)
- U.S. History (1)
- U.S. Government (½)
- Economics (½)

### Arts

#### 1 credit of:

- One Carnegie Unit of visual and performing arts meeting the requirements for high school graduation or
- Two units for completion of the 2 course sequence Computer Graphics Technology I & II

### Advanced Electives

#### 2 credits must consist of:

- Two foreign languages or a 5th math or 5th science of higher rigor or
- Any combination of an advanced level course above the required Carnegie units as noted in the Mississippi Department Secondary Course Manual and/or any (b) Advanced Placement (AP), Academic or Career and Technical Dual Credit, (DC) International Baccalaureate (IB) or Advanced International Certificate or Education course.

(2) Completion of any two-year Career and Technical course may count as one unit.

### Additional Requirements

- **80 hours of community or volunteer service during high school for seniors graduating 2022 and later**
- **Minimum of 19 ACT Composite Score (Overall Score)**
- 2.5 cumulative high school GPA on a 4.0 scale
- Three letters of recommendation (one from each of the following — principal, guidance counselor and business/ community leader for students with more than 4 in-school suspensions)
- 95% school attendance during 4 years of high school
- No out-of-school suspension

### Technology or Computer Science (1 credit)

[mississippischolars.ms](http://mississippischolars.ms)

Mississippi Scholars must also complete any remaining state-mandated high school graduation requirements.

Advanced placement courses may be substituted in Mississippi Scholars subject areas.

Dual credit and online courses are acceptable.

# MISSISSIPPI SCHOLARS TECH MASTER CURRICULUM

## English ( 4 credits)

## Mathematics (3 credits)

- Algebra I
- Math above Algebra I (Course has to be related to program of study)

## Geometry (mandatory)

## Science (3 credits)

- Biology I
- Two courses above Biology I

## Social Studies (3 credits)

- American History
- Government
- Mississippi Studies

## Technology (1 credit) or Computer (1 credit) Arts (1 credit)

## Electives (2 credits)

- Must take 4 CTE credits in the same area of your program of study. ★
- Must have 21 minimum credits — students can go the 21 or 24 credit route allowing time for internship.
- Non-negotiable

## Additional Requirements

- **80 hours of community or volunteer service during high school for seniors graduating 2022 and later**
- **Minimum of 19 ACT Composite Score (Overall Score) or minimum 36 ASVAB (Armed Services Vocational Aptitude Battery Test)**
- **Silver Level WorkKeys required**

- 2.5 high school GPA on a 4.0 scale
- 95% school attendance during high school years
- No out-of-school suspension

\* *Industry certification assessment encouraged not required*

[mec.ms/techmaster](https://mec.ms/techmaster)

Mississippi Scholars Tech Master must also complete any remaining state-mandated high school graduation requirements.

Dual credit courses are acceptable.

★ **Flexibility to tailor courses to area of interest.**