

Madison College STEM Academy





Madison College STEM Academy

General Information



- Designed for HS Juniors and Seniors interested in a STEM related field.
- Graduates may obtain both a HS diploma and 60+ credits.
- Students may pursue an Associate of Science degree and enter a UW system college as a junior or choose to get a head start on a technical certification.

Madison College STEM Academy

General Information



- The School District of Lodi will pay **two-thirds** of the cost
- Families will contribute **one-third** of the cost (approximately \$2300 per year)
- Students can earn **60+ college credits** for less than the cost of one semester of college.
- Tuition covers the following:
 - Minimum of 12 credits each semester and summer courses if desired.
 - All books, materials, and \$6 lunch stipend are provided

Student Support System

- Support begins before the first day of class with a one-week summer Learning to Learn Academy where students learn what it takes to succeed in college and build support networks with their peers.
- Students take closed cohort sections of Introduction to College Writing and College Success their first semester in the program.
- Students have a dedicated advisor who checks in with them every day.
- Guided time in the Student Achievement Center is also provided in the first semester.

Student Support System

- Instructors complete progress reports every four weeks so students know where they stand.
- In the second semester, students take more courses with the general student population, but still have one or two cohort sections for mutual support.



Program Calendar and Class Schedule

- Fall semester typically begins the day after Labor Day, runs for sixteen weeks, and ends about the third week of December.
- Spring semester typically begins the day after Martin Luther King, Jr. Day, runs for sixteen weeks, and ends about the second week of May.
- Spring break is between the 8th and 9th weeks.

Program Calendar and Class Schedule

- The typical day starts at 8:30 and ends by 2:30.
- Three credit courses meet for three 50-minute periods or two 75-minute periods per week.
- Four credit courses meet for four 50-minute periods or two 100-minute periods per week.
- Five credit courses meet for five 50-minute periods or two 125-minute periods per week.
- Students typically take 15 or more credits each semester.
- Students can still participate in extracurricular activities in Lodi.

Sample Four-Semester Course Sequence for a STEM Academy Student Pursuing the Madison College Associate of Science Degree

| 11th Grade Fall Semester | | | | 11th Grade Spring Semester | | | | 11th Grade Summer Semester | | | |
|--------------------------------|------------|-------------|--------------------|----------------------------------|------------|-------------|----------------|----------------------------------|------------|--------------|---------|
| Madison College Course | M.C. Creds | H.S. Creds | Subject | Madison College Course | M.C. Creds | H.S. Creds | Subject | Madison College Course | M.C. Creds | H.S. Creds | Subject |
| College Algebra | 3 | 1.00 | Math | Trigonometry | 3 | 1.00 | Math | Speech | 3 | 1.00 | English |
| Beginning Yoga | 1 | 0.50 | Physical Education | College Chem 1 | 5 | 1.67 | Science | | | | |
| College Success | 3 | 1.00 | Elective | English 1 | 3 | 1.00 | English | | | | |
| 20th Century America | 3 | 1.00 | Social Science | Spanish 1 | 4 | 1.33 | World Language | | | | |
| Intro Psychology | 3 | 1.00 | Social Science | | | | | | | | |
| Intro to College Writing | 3 | 1.00 | English | | | | | | | | |
| 11th Grade Fall Totals: | 16 | 5.50 | | 11th Grade Spring Totals: | 15 | 5.00 | | 11th Grade Summer Totals: | 3 | 1.00 | |
| | | | | | | | | | | | |
| 12th Grade Fall Semester | | | | 12th Grade Spring Semester | | | | 12th Grade Summer Semester | | | |
| Madison College Course | M.C. Creds | H.S. Creds | Subject | Madison College Course | M.C. Creds | H.S. Creds | Subject | Madison College Course | M.C. Creds | H.S. Creds | Subject |
| Calculus & Analy Geom 1 | 5 | 1.67 | Math | Calculus and Analy Geom 2 | 5 | 1.67 | Math | None. | | | |
| Cell & Molecular Biology | 5 | 1.67 | Science | University Physics 1-Calc-Based | 5 | 1.67 | Science | | | | |
| English 2 | 3 | 1.00 | English | Ethnic Literature | 3 | 1.00 | English | | | | |
| Spanish 2 | 4 | 1.33 | World Language | | | | | | | | |
| 12th Grade Fall Totals: | 17 | 5.67 | | 12th Grade Spring Totals: | 13 | 4.34 | | | | | |
| | | | | | | | | Program TOTALS: | 64 | 21.51 | |



Noor Lababidi
STEM Academy Student

Requirements and application process

Student Requirements

- Students must have a 2.25 GPA and 90% attendance.
- Complete written application and interview process.
- Provide own transportation to Truax Campus



Requirements and application process

Application process

- Written applications are due to Mrs. Hendricks by February 12, 2021
 - Basic information, two letters of recommendation, a list of activities, and an essay.
- Interview with Madison College will be scheduled in February.
- Madison College will accept two Lodi students each year.
 - Acceptance is determined by Madison College

Who is this program for?

- Student's with an interest in STEM.
- Students interested in one of Madison College's 150+ career programs.
 - Most take only one more year after the STEM academy.
- Honors students looking for a two year head start toward a bachelors or masters degree.
 - Almost all credits (60+) transfer to UW school.
- Students that are organized and willing to work hard.
- Mature students that can handle managing their education.
- Students looking for more challenges and willing to push themselves.

What we learned from current STEM Academy students?

- The classes are not much harder than HS during the first semester.
- More time to work on school work during the day.
- Much more freedom in classes.
- Great schedule!
- More variety of classes to choose from.
- All student really want to be there.
- Taking advantage of all opportunities.
- Less “parenting” within classrooms.
- More independence.
- Lots of support.
- Saves money for college.
- No HS drama.



Next Steps

- Written application due to Mrs. Hendricks by 3:30 pm February 12, 2021.
 - [Early College STEM Academy High School Website](#)
- Any interest in visiting Madison College?
 - Take a [virtual tour!](#)

Questions?

