

MASTER'S
DEGREE

Susan Seitz

Biology, Chemistry, Physics &
Earth Space Science Teacher



I have been teaching science for 21 years. Currently, I am teaching at Parke Heritage High School (Rockville, IN) and teach Biology 1, Integrated Chemistry, Physics and Earth Space Science. Due to the credentialing requirements, I could not teach dual credit biology and began looking for options to allow me to do so.

Two years ago, I applied to STEM Teach and began my journey taking biology classes through Indiana Wesleyan University. I enjoyed the journey so much and how it allowed me to expand my knowledge in biology that I asked about taking additional courses. Through STEM Teach, I was able to enter the MA program in STEM through the University of Indianapolis and begin a journey on a master's degree in STEM education. I was not sure what to expect of the classes online. All four classes have not only challenged me as an educator but also inspired me to be better – adapting not only myself for 21st century teaching and student skills but also putting myself in the shoes of my students and learning to help them with new challenges.

Each of the four classes were different, and I found that I was able to apply what I learned by creating projects to use in my classroom and acquiring new technology to use. In the PBL course I designed “Chemistry in the Kitchen” and my ICP students created a project around cooking and chemistry – allowing them to not only make connections to biology but also work through a Core 40 course with more relevance. My engineering course allowed me to try out Makey-Makey and other technologies that inspired me to write a grant to get access to tools for my students to become more engaged in their learning through using new technologies. I also created a Makerspace cabinet, STEM literacy and STEM starter assignments that engage my students using tools I learned from Daily STEM.

STEM Teach has not only allowed me to take classes without the additional burden of student loans, but the courses have challenged me and inspired me in my classroom! The benefits come to my students as I aid them to develop their 21st century skills – collaboration, communication, creativity, and critical thinking. This is a great program and well worth the time that you put into it! I cannot thank STEM Teach and the University of Indianapolis enough!

Ready to take your next step?

Learn more and apply at STEMTeachIndiana.org

Looking for Liberal Arts content areas? Check out Teach Dual Credit Indiana at TeachDualCredit.org