Careers in Biological Sciences

There is an urgent need for excellent science education in our nation. By teaching you can significantly impact students’ understanding of science at a time when our schools struggle to staff teachers with scientific expertise. By making science relevant and leading your students to meaningful academic growth, you will pave the way for future scientists who might miss the opportunity to pursue such careers. You will also be better positioned to develop informed initiatives that will expand and diversify the pipeline of future scientists. Many students who study education and biological sciences have a variety of careers to choose from, some enter the classroom, others become curriculum directors for the science fields, others become professors, researchers, and policy makers. There is also an opportunity outside of education, many use their background in education and take what they learned in the classroom and go on to work in the medical field. Former teachers working in the biological sciences say that the challenges and rewards of their time in the classroom led to tremendous personal and professional growth. You will have the unique opportunity to position yourself as a credible lifelong advocate for systemic changes that will lead to equity in our education system.

Careers in Business

Because you will learn how to become a leader through management and organization in classroom and school settings during your student teaching at Mary Lou Fulton Teachers College, you will gain the experience and skills necessary to make an impact in the business world. Through becoming a teacher, you will have an unparalleled opportunity to assume a unique management role—leading a classroom of students, setting ambitious goals, and inspiring your students to meet those goals. Students who have gone through our student teaching programs say that through this experience, they developed invaluable communication and time-management skills that are highly transferable to a career in business. They say the challenges of teaching developed the perseverance, maturity, and confidence that make them strong team members and managers. With the transferrable skillset you will develop as a teacher, you can help organizations not only succeed but leverage expertise and resources to address the educational disparities in our country.

Careers in Education

Whether your ultimate goal is to be a classroom teacher, a school principal, or a district superintendent, an education degree is a gateway that can significantly increase your impact on student achievement and accelerate your educational career. Training in the iTeachAZ program (our student teaching model) is outcome-focused and prepares you to be a successful beginning teacher and leader. In the Mary Lou Fulton Teachers College’s iTeachAZ program supervisors observe your teaching, reflect with you on progress and areas for improvement, and share the teaching resources and professional development opportunities that can impact student achievement. Our alumni say that this experience provided them with valuable opportunities to develop as instructional leaders in a challenging and rewarding environment.
Careers in Engineering

By bringing your technical knowledge to the classroom, you can use your engineering expertise to make a significant difference. You can help expand and diversify the pipeline of future engineers by providing more students with the skills they need to be successful. All too often, students in our communities do not have the opportunity to engage in advanced mathematics and science courses because their schools lack teachers with backgrounds in these fields. While teaching, you will inspire future engineers by sharing your knowledge while building skills that will serve you well in your career. Alumni in engineering careers say that the intense challenges and rewards of their time in the classroom led to tremendous personal and professional growth. Armed with firsthand experience and valuable insight on the changes needed to end educational disparities in our nation, our alumni in the engineering field continue to make an impact through their work. With a career in engineering and education you may decide to stay in the classroom or you could go on to design curriculum and software for use in the classroom. Former teachers with engineering backgrounds learn about the importance of school building design and go on to start their own firms that cater to designing school facilities.

Careers in Law

Pursuing an education degree will make your law career more meaningful and focused. While teaching, you will gain real-world insight into many of the social issues that our country’s laws and public policies must address. Legal professionals with teaching backgrounds recognize the value of knowing firsthand how abstract legal concepts and policies impact children and families in our communities. Additionally, the rigor of the teaching experience inspires deep personal strength that will fuel your drive for excellence in your legal career. Finally, legal professionals with teaching experience say that managing a classroom of students and leading them toward ambitious goals provided them with confidence and a level of credibility that enabled them to make a huge impact in their legal career.

Careers in Medicine

Your future as a health professional will be enriched through pursuing an education degree. You can make a significant impact on students’ understanding of and interest in science and mathematics at a time when schools have a difficult time finding teachers with this content expertise. By teaching and improving your students’ academic performance, you will expand and diversify the pipeline of future scientists, mathematicians, and doctors. Furthermore, former students who have gone through our student teaching model say that their experience in the classroom led to tremendous personal growth and gave them a more concrete, in-depth perspective on the medical needs of diverse populations. Our alumni also share that teaching hones valuable interpersonal skills that increase their effectiveness in clinical settings and frames their medical careers in the context of service.
Careers in Physical Sciences and Mathematics

There is a growing need for professionals in the sciences and mathematics fields, yet our public schools are failing to adequately prepare students for these careers. By pursuing an education degree, mathematics and science majors can help expand and diversify the pipeline of future mathematicians and scientists by providing more students with the skills, knowledge, motivation, and support they need to be successful. You can make a significant impact on your students’ understanding of these subjects while inspiring them to pursue a career in one of these fields. At the same time, you’ll gain valuable insight into the issue of educational inequity. Our alumni say that spending time teaching profoundly impacted their thinking and allowed them to develop a useful skill set for future mathematics and science pursuits. Many former teacher candidates who studied education and math or science, have indicated that they receive the rigorous content to pursue higher degrees later, but also gain the added benefit of learning the management pieces from their education courses. Many, who begin teaching math and sciences, have recently been solicited by companies like Intel and Honeywell to work as corporate trainers because of their multiple backgrounds and wide range of knowledge and expertise.

Careers in Political and Policy Leadership

If you’re interested in political and policy leadership, whether international or domestic, becoming an educator will enhance your ability to make an impact in your career. As an educator, you will take on an intense personal challenge and work relentlessly to ensure that your students succeed. At the same time, the experience will provide an unparalleled firsthand look at how our country’s policies—not only in education, but also in health care, housing, and economics—impact the lives of students and their families. Policy, advocacy, and political leaders play a critical role in deploying resources and setting priorities for governments and communities. Many former teachers who have gone on to pursue careers in policy tell us that their classroom experience informed their convictions about the methods that are necessary to solve societal disparities, while lending them credibility that proves invaluable in influencing our nation’s policies.

Careers in Technology

By pursuing an education degree, you can use your academic background or professional experience to have a significant impact on students. There is an urgent need in education for individuals who, through their experience and expertise in mathematics, science, and technology, will be able to bring these vital subjects to life for students. Former teachers who have pursued careers in technology say that their teaching experience has given them the leadership, communication skills, and confidence necessary to pursue their goals in demanding work environments. Moreover, you will have a unique and valued perspective on how companies and academic institutions can leverage their technological and financial resources to help address the educational disparities that persist in our country. Pursuing and education degree can be a meaningful career step for those interested in pioneering new frontiers in technology and innovation that will have a significant impact on our society and 21st century learning.