

ATTENTION: All FCPS middle and high school science teachers!

Now is the time to reach the next level in your teaching career!



Master of Chemical and Life Sciences



Good news! It's not too late to apply for University of Maryland's Master of Chemical and Life Sciences degree program. Students enrolled by January 31, 2018 can register for Spring classes and will be eligible to participate in the experiential MCLFS academic research component taking place in local STEM industry laboratories for the upcoming Summer Term (May 29 to August 17, 2018).

What's Frederick CREST? CREST is an acronym for the Center for Research and Education in Science and Technology. Frederick CREST is a state-funded organization devoted to enhancing local access to educational and research opportunities in an effort to meet the workforce and economic development needs of regional STEM employers.

What's the University of Maryland's Master of Chemical and Life Sciences (MCLFS) program? The MCLFS is a 30-credit, predominantly online, graduate program designed for middle and high school science teachers. Whereas most graduate programs have a somewhat rigid prescription for what a student must take to earn a degree, MCLFS is quite flexible, benefitting working professionals with convenience, accessibility, and a wide range of online course topics.

Why should I be interested in this opportunity? CREST adds significant value to UMCP's outstanding MCLFS program by facilitating local options for **some** MCLFS courses – this includes the use of local adjunct instructors, local support for students such as mentors and tutors, local cohort experiences and perspectives, and local state-of-the-art facilities for research experience requirements.

The Value of MCLFS and CREST:

FOR LOCALLY OFFERED COURSES/LABS:

- » Focus on trending topics driven by local business needs and student interest
- » Research requirements can be done locally as internships with local STEM employers
- » Taught by locally identified adjunct faculty under the supervision of UMCP

PLUS:

- » 6 credits can be transferred from other institutions with pre-approval
- » Can be used toward dual enrollment for FCC teaching credential (15 credits); CE's; or general professional development
- » Flexible program allowing a range of completion timeframes and concentrated study in Winter and Summer terms

SUPPORT:

- » Local and online cohorts to enrich and support the experience
- » Local study groups, mentors and tutors
- » Area seminars, symposiums, lectures

REQUIREMENTS:

- » Statement of Purpose
- » Transcripts and CV/Resume
- » Supplemental Application
- » Undergraduate degree in biological science, chemistry, biochemistry or science education
- » One year minimum teaching experience

Location for Locally Offered Blended Courses:

Tuscarora High School. Courses are held one evening per week.

Tuition: Tuition reimbursement through FCPS

For the latest updated information on the MCLFS at CREST, please go to: FrederickCrest.org