

# USMSM: UNIVERSITY SYSTEM OF MARYLAND IN SOUTHERN MARYLAND

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University System of Maryland at Southern Maryland (USMSM) focuses on providing highly developed and comprehensive academic and professional development educational opportunities at the upper undergraduate and graduate level to a workforce of knowledge workers engaged in technology, teaching, management, health and other professional services.

USMSM partners with distinguished universities to offer academic and professional development opportunities that help individuals and professionals in Southern Maryland reach their full potential and succeed in high-demand fields. These programs also support the region's economic and workforce development growth.

USMSM also facilitates the advancement and growth of the Naval Air Station at Patuxent River through partnerships with nationally ranked universities providing high technology and management academic programs facilitating the creation of a new national high technology center of excellence in multiple naval aviation specializations.

The University of Maryland, College Park is a key partner at USMSM, offering students the opportunity to earn a Bachelor of Science degree in Electrical or Mechanical Engineering. These programs are designed for students who have completed an associate's degree in engineering or approximately 60 college credits.

Students who have not yet begun their undergraduate education should consider the Southern Maryland Engineering Partnership (<https://www.csmd.edu/programs-courses/credit/school-of-stem/engineering-partnership.html>), a pathway program designed that offers a seamless transition from an associate's degree in engineering at the College of Southern Maryland to a bachelor's degree in engineering from University of Maryland at USMSM.

Bachelor of Science in Electrical Engineering (<https://ece.umd.edu/undergraduate/degrees/bs-electrical-engineering/>)  
Dr. Danilo Romero  
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dbromero@umd.edu

Bachelor of Science in Mechanical Engineering (<https://me.umd.edu/academics/degrees/bs-in-mechanical-engineering/>)  
Dr. Sami Ainane  
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## Admission Requirements

### Transfer Admission

#### Direct Admissions Requirements

Admission to the Clark School of Engineering is limited for all majors with the exception of Biocomputational Engineering and Mechatronics Engineering. Internal and external transfer students will be directly admitted to the Clark School if they meet the following Gateway requirements: MATH141 with a "B-" or higher, PHYS161 with a "B-" or higher, either CHEM135 or CHEM271 or CHEM134 with a minimum grade of "C-" or higher (Students who take CHEM134 must also have completed CHEM131 with a minimum grade of "C-"). Students must also have a minimum cumulative GPA of 3.0 in all college-level coursework, and have not previously been admitted to the Clark School of Engineering. Only one repeat of a single Gateway course, either at the University of Maryland or at any other university or college, will be considered to meet the review requirements. A course in which a grade of "W" (withdrawn) is earned is counted as an attempt. Students should wait until all gateway requirements are complete before applying for admission to the School.

### Transfer Admission Appeal Process

All students denied admission to the Clark School may appeal the decision in writing directly to the Associate Dean of Undergraduate Student Affairs in the Clark School.

### Maryland Community College Transfer Students

Students who complete an associate's degree at a Maryland community college may be prepared to enter into the sophomore or junior year in engineering at the University of Maryland if they have completed the required engineering coursework. To ensure that you are enrolling in the correct courses to transfer, please consult the Engineering graduation plans and the Transfer Credit Services website. There may be some courses which are not offered at Maryland community colleges. Students should investigate the feasibility of completing these courses during the summer session at the University of Maryland before starting their junior course work in the fall semester. Students transferring in Fall 2022 and after may apply up to 70 credits from a MD community college to their degree. Any student transferring prior to Fall 2022 may apply up to one half of the degree credits (approximately 60 semester hours) to their degree.

## ACADEMIC PROGRAMS

- Electrical Engineering at USMSM (<https://academiccatalog.umd.edu/undergraduate/colleges-schools/college-of-southern-maryland/electrical-engineering-usmsm/>)
- Mechanical Engineering at USMSM (<https://academiccatalog.umd.edu/undergraduate/colleges-schools/college-of-southern-maryland/mechanical-engineering-usmsm/>)