

# CELLULAR AND MOLECULAR MEDICINE, MS

The MS in Cellular and Molecular Medicine is a full-time two-year program in the biomedical sciences with a focus on translational research and human disease.

Graduates from the program will be competitive for admission to doctoral degree programs (Ph.D., M.D.) *including continuing in the CMM Ph.D. training program*, and for research-oriented jobs in industry, academia or government.

Please visit the MS in Cellular and Molecular Medicine webpage (<https://cmm.jhmi.edu/index.php/ms-in-cmm/>) for additional information.

## Admission Requirements

*Eligibility criteria are as follows: A bachelor's degree from a qualified college or university is required. Recommended courses include: biology, inorganic chemistry, organic chemistry, physical chemistry, physics, and calculus. Cell biology and/or biochemistry is recommended.*

*Passage of the TOEFL is required for all students whose undergraduate instruction was conducted in a language other than English.*

- Submit official undergraduate transcripts and two letters of recommendation
- Submit a statement of interest in response to the following prompt: *In one page, tell us why are you choosing to apply to CMM and why we should admit you. In year two, students pick one of three tracks to guide their course of study. Which of the following three tracks most interest you and how does it speak to your long term goals? 1) PhD Research track, 2) Biotech/Industry track, or 3) Pre-Med track*
- Standardized test scores (GRE) are not required but will be considered if submitted
- Demonstration of English Proficiency may be required (TOEFL; please enquire)
- Applicants will attend a virtual informational session
- Acceptances will be made on a rolling basis

## Program Requirements

Code	Title	Credits
ME.800.702	Introduction to Cellular and Molecular Medicine	5
ME.800.718	Topics in Cellular and Molecular Medicine	1
ME.800.801	Cellular and Molecular Medicine Research	1 - 18
ME.800.703	CMM Core Discussion	1.5
ME.800.811	Introduction to Responsible Conduct of Research	1
ME.800.709	Cellular and Molecular Basis of Disease	3
ME.800.789	3B's: Bench to Bedside and Back	1