MS in Conservation Medicine

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Stanford University

BS in Marine Biology | Stanford University, 2016
MS in Conservation Medicine | Tufts University, 2019
MS in Conservation Medicine = MCM

MCM “uses a One Health approach to address urgent issues facing our planet, including emerging and resurging diseases, habitat use conflicts, environmental contamination, ecosystem and climate change, biodiversity loss, and ecosystem function degradation.”

- MCM graduates are a well-trained cohort of transdisciplinary, passionate individuals committed to **working together and to investigate problems beyond STEM disciplines, integrating political, social, cultural, economic and other factors to help identify, improve and solve issues** negatively impacting today's complex world.
Application Requirements

- Dates to apply:
  - February 1 for early admission
  - April 1 for regular admission
  - Rolling basis after May 1
- Bachelor’s degree from an accredited college or university
- Good communication skills
- Broad experience
- GRE or MCAT scores
- CV
- Following coursework before enrolling but not necessarily before applying:
  - Biology (two semesters)
  - Statistics (one semester)
  - A minimum of one semester of a science/engineering laboratory is also required, preferably in biology
Life while MCM-ing

Grafton - Cummings School of Veterinary Medicine campus, Center for Conservation Medicine

Medford - Fletcher School, School of Public Health, Harvard University, Boston University
Program Curriculum

Fall Semester
- GIS for Conservation Medicine
- Ecology and Conservation Biology
- Health, Disease and the Environment
- Research Skills I - Systematic Review and Analysis
- Fundamentals of Biostatistics
- Field and Laboratory Techniques
- Journal Club
- Case Study
- Elective Courses
Program Curriculum

Spring Semester
- Human Dimensions of Conservation Medicine
- Engineered Solutions
- Research Skills II - Epidemiology & Surveillance Methods
- Project Management and Communication
- Journal Club
- Case Study
- Elective Courses

Summer Semester (or winter break)
- Externship
Case Study
Case Study

Boto river dolphin (Inia geoffrensis) conservation issues and efforts in the Mamirauá Sustainable Development Reserve

(Amazonas State, Brazil)
Externship I: Convention on the Conservation of Migratory Species of Wild Animals (UNEP-CMS) (Bonn, Germany)
Externship II: Research Assistant at the Mamirauá Institute for Sustainable Development (MISD)
(Amazonas State, Brazil)
More information?

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Masters in Conservation Medicine - Tufts University
https://grad.vet.tufts.edu/ms-conservation-medicine/
References

Sources
https://grad.vet.tufts.edu/ms-conservation-medicine/

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