

# PROFESSIONAL SCIENCE MASTER'S IN NATURAL SCIENCES, MICROSCOPE IMAGING TECHNOLOGY SPECIALIZATION

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The Professional Science Master's (PSM) in Natural Sciences, Microscope Imaging Technology Specialization program prepares graduate students for employment as microscopists or managers of light microscope cores in academic, government or private sector businesses, or in research laboratories. Students gain the scientific, business, and communication skills required to be competitive for management jobs in these positions. Students learn how to analyze images, automate data collection and analysis, deal with large data sets, and interface between bioscientists and engineers for experimental design, selecting the optimal imaging system, and in data acquisition and interpretation. Students also obtain skills for business management and operation.

The PSM in Natural Sciences, Microscope Imaging Technology Specialization is an affiliated Professional Science Master's (PSM) degree. Affiliation is administered by the Commission on Affiliation of PSM Programs (<https://www.professionalsciencemasters.org/>) (formerly named PSM National Office) to ensure a strong and distinctive PSM brand. The PSM is designed for students who are seeking a graduate degree in science or mathematics and understand the need for developing workplace skills valued by top employers.

