

Abstract Submitted  
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**Physics Department at Manhattan College** LUBNA TUMEH, Manhattan College — The Physics Department at Manhattan College provides students with a rigorous and challenging program with both theoretical and experimental components. We offer B.S., B.A. and minor in physics. Research is both required and supported, whether in collaboration with a faculty member on campus or pursue an opportunity to take part in research with an outside organization. In a senior year our physics majors are actively engaged in cutting-edge research. Often external work is carried out in state-of-the-art national and international facilities such as Brookhaven National Laboratory (BNL) and the European Organization for Nuclear Research (CERN). Our students participate in analysis of Big Data from NASA astronomical space telescopes and from the Large Hadron Collider. This gives our physics majors an exciting opportunity to work not only with excellent MC faculty but also alongside the world's leading researchers. Our students present their research results at international and national conferences, and publish articles in leading scientific journals. Major enrollments have been small with minor fluctuations. Freshmen class size has typically been from one to four Physics majors. Graduating classes have been from zero to two Physics majors.

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