

# Physics (MS) Plan A

The Department of Physics and Astronomy offers programs leading to the Master of Science and Doctor of Philosophy degrees in physics. It strives for a recognized level of national and international excellence in research and teaching in physics and to assure that students of African American descent and other underrepresented groups are given the opportunity to achieve their fullest potential in physics.

**Program:** [Physics](#)

**Type:** MS

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PHYS-210	Classical Mechanics I	3
PHYS-211	Classical Mechanics II	3
PHYS-214	Electromagnetic Theory	3
PHYS-215	Electromagnetic Theory II	3
PHYS-220	Quantum Mechanics I	3
<b>Sub-Total Credits</b>		<b>15</b>

## Electives

Options: Courses under subject codes PHYS level 200 and above.

<b>Sub-Total Credits</b>		<b>15</b>
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## Thesis Research

\*Note: A maximum of 6 thesis research credits may be taken per semester. In addition, a maximum of 6 thesis research credits may be counted toward the credits required for program completion.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PHYS-300	M.S. Thesis Research	6
<b>Sub-Total Credits</b>		<b>6</b>
<b>Total credits:</b>		<b>36</b>