

## **Graduate Studies at the University of Missouri-St. Louis One-Year Program of Study**

We offer graduate courses in mechanics, electrodynamics, quantum mechanics, statistical mechanics, particle physics, and solid state physics.

Research opportunities in astrophysics, biophysics, materials science, theoretical solid state physics are available.

*We have had extensive experience in designing a one-year program of study for international exchange students that leads to a Masters of Science in Physics.* For the M.S. degree (30 credit hours total or 10 course equivalent):

- A minimum of 15 credit hours at the graduate (400) level is required;
- 3 credit hours of faculty-directed research without thesis and 6 credit hours with thesis may be included;
- A maximum of 15 credit hours at the senior undergraduate (300) level may be included;
- Up to 9 credit hours may be transferred from another institution.

For more information, please contact:

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**Department of Physics & Astronomy**  
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or see our Web site: <http://www.umsl.edu/~physics>

For more information on the student exchange program between our universities see: <http://www.center-for-international-studies.org>