

Departmental Policy Statement: Physics

College of Arts & Sciences

Faculty Representative: Dr Narahari Achar
Library Liaison: Mary Freilich
Last reviewed: 1 April 2006

Curriculum

The Department of Physics offers courses leading to the BS degree with a major in physics. The department also offers a graduate program leading to the MS degree with a major in physics. There are plans for a PhD program in the near future. Through classroom work, all students are given a strong basis in advanced fundamental physics, with a variety of research opportunities for graduate students.

Purpose and Scope of the Collection

The collection is designed to support the scholarship needs of the department's faculty, students, and staff. The current research emphases in Physics include astrophysics, optics, quantum theory, thermodynamics, astronomy, spectroscopy and quantum mechanics. There is also active work in areas of inquiry overlapping biology, chemistry, and physics.

Cooperative Agreements

Interlibrary Loan is available through McWherter Library. Donations are accepted as per the provisions of the Gifts guidelines in the UML Collection Development Policy.

Geographic Coverage

None specified.

Period Coverage/Date of Publication Range

Primary emphasis is on contemporary materials.

Languages

Nearly all monographic materials collected are in English.

Types of Materials

Monographs:

Encyclopedias, dictionaries, directories, manuals, handbooks, data collections, instructional support materials, abstracts and indexes and remote access to abstracts and indexes are generally emphasized.

Serials / Series:

Professional journals are of primary emphasis.

Theses / Dissertations:

Dissertations are acquired as needed or requested.

Electronic Resources:

Access Science, Applied Science/Technology Abstracts, General Science Abstracts, National Technical Information Service, and Forum of Science offer online access to related resources.

Microforms:

Research collections in microforms are purchased when deemed relevant.

Audio / Visual:

Acquired as needed or requested.

Location of Materials

General physics materials are housed in the McWherter Library. The circulating collection is found on the 4th floor of the library with the reference collection found on the 1st floor. Some federal government technical and biomedical reports will be found in the Government Publication department on the first floor. Additional materials of interest may be located in the Chemistry Library, which is on the third floor of Smith Hall.

Special Collections

None specified.

Subject Areas by LC Classification

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| QA801 – QA939 | Analytic mechanics |
| QB1 – QB991 | Astronomy |
| QC1 – QC849 | Physics |

Related Areas of Collection

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| Biology | Chemistry | Mathematical Sciences | MMCS |
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