

Collection Development Policy, Optics

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Collection Development Statement

Department: College of Optics & Photonics (CREOL)
Drafted by: Milton T. Wolf & Andrea Von Jares
Date drafted: March 1, 2004
Date revised: April 20, 2015
Revised by: Patti McCall

Collection purpose

The purpose of the library collection in CREOL is to support the coursework and research needs of students at the undergraduate and graduate levels, and to support the instructional and research activities of the CREOL faculty. Other academic departments, which might make use of, the CREOL collection includes: Biology, Chemistry, various Engineering departments, Mathematics, Nanosciences, and Physics. New programs users other than CREOL students include mechanical, materials & aerospace engineering, chemistry, electrical engineering, and physics students and faculty, as well as a variety of other users in the Central Florida community.

DEGREE PROGRAMS

- Bachelor of Science in Photonics
- Master of Science in Optics
- PhD in Optics

Collection description

Optics is an interdisciplinary program that overlaps into engineering, chemistry and physics with varied call number inclusion (please see these subject discipline policies).

Collection guidelines

- **Chronology: Emphasis/restrictions**

Primary emphasis is on current developments and research in advanced materials.

- **Languages: Emphasis/restrictions**

English is the primary language of the collection. No effort is made to foreign language materials unless an English language translation is unavailable and the materials are appropriate and necessary.

- **Geography: Emphasis/restrictions**

There are no geographical restrictions.

- **Subject treatment**

CREOL degree seeking students combine studies in the areas of optics, mechanical, materials & aerospace engineering, chemistry, electrical engineering and physics.

- **Material formats: Emphasis/restrictions**

Books, journals, conference proceedings, and other print sources are collected. Databases include Web of Science, IEEE Xplore, INSPEC, Science Direct, and other databases in the Physics, Chemistry, and Engineering collections.

- **Publication dates**

The highest priority is given to current materials; retrospective purchasing is selective and by faculty request.

- **Subjects collected and Collecting levels**

Optics offers comprehensive degrees that combine multidisciplinary subject areas, which interface with mechanical, materials and aerospace engineering, chemistry, electrical engineering and physics.

- **Subjects excluded:**

None.

Cooperative arrangements and related collections

Optics coverage is inclusive of the multidisciplinary subject areas of mechanical, materials & aerospace engineering, chemistry, electrical engineering, and physics.

Collection management issues:

University Libraries strive to acquire the most current materials available to support the curriculum and research needs of the School of Optics.

- **Replacement**

Damaged items are replaced with the most current materials available.

- **Retention/Deselection**

Materials are deselected based on faculty recommendations and based on the condition of the materials in question.

- **Out of print acquisition**

Out-of-print acquisitions occur as a result of faculty recommendation.

- **Preservation**