

The Master in Information Sciences (MIS) is aimed to develop information professionals as field leaders, with transferable skills, to allow them to perform in diverse environments, particularly in intelligent organizations. The program seeks to allow students to enter the job market as information and knowledge professionals with the ability to design products and services, with added value, both individually and a collectively, geared to respond and to satisfy the needs and interests of a changing society. The program also pursues to create and spread knowledge through student and faculty research endeavors.



The Graduate School of Information Sciences & Technologies (GSIST) has proven to be a leader in the field of Information in Puerto Rico, the Caribbean and Latin America Our Master's Program is accredited by the American Library Association.

P.O. Box 21906, San Juan, PR 00931-1906 / Third Floor, José M. Lázaro Library, UPR, Rio Piedras Campus  
 (787) 763-6199, (787) 764-0000 Exts. 3530 y 5029  
 Fax (787) 764-2311, E-mail: migdalia.davila@upr.edu  
 Web Portal: <http://egcti.upr.edu>



UPRRP



## GRADUATE SCHOOL OF INFORMATION SCIENCES AND TECHNOLOGIES

WE TAKE GREAT PRIDE IN OUR GRADUATES.  
 THE SUCCESS OF YOUR PROFESSIONAL CAREER IS WITH US.



EGCTI, UNIVERSITY OF PUERTO RICO,  
 RIO PIEDRAS CAMPUS (GSIST/UPRRP)  
 Web: [egcti.upr.edu](http://egcti.upr.edu)

### MASTER IN INFORMATION SCIENCE Track 1: Library and Information Science (August 2013)

#### Curriculum Sequence

| Semester                             | Course code | Course title  | Crs- |
|--------------------------------------|-------------|---|------|
| 1st Semester                         | CINF 6705   | Information, Knowledge and Society                            | 03   |
|                                      | CINF 6706   | Research Methods in Information Science                       | 03   |
|                                      | CINF 6707   | Information and Knowledge Technologies                        | 03   |
| 2nd Semester                         | CINF 6708   | Foundations of Information and Knowledge Organization         | 03   |
|                                      | CINF 6806   | Organization of Information/Knowledge Retrieval               | 03   |
|                                      | CINF 6807   | Reference Services and Products                               | 03   |
| 3rd Semester<br><br>(Select 09 crs.) | CINF 6808   | Users Studies and Information Needs                           | 03   |
|                                      | CINF 6809   | Selection and Acquisition of Information/ Knowledge Resources | 03   |
|                                      | CINF 6810   | Organization of Information/Knowledge Retrieval (Advanced)    | 03   |
|                                      | CINF 6815   | Informational and Technological Competencies                  | 03   |
|                                      | CINF 6816   | Administration of Information Services                        | 03   |
| 4th semester                         | CINF 6998   | Research Seminar: Application of Knowledge                    | 03   |
|                                      | CINF        | Elective  | 03   |
|                                      | CINF        | Elective  | 03   |

The professional School that offers the Master's Program in Information Science at the University of Puerto Rico is distinguished for academically preparing professionals about the new trends in the information field and the demands of society. The program is accredited by the American Library Association.

### MASTER IN INFORMATION SCIENCE Track 2: Knowledge Management (August 2013)

#### Curricular Sequence

| Semester                 | Course Code | Course Title   | Crs- |
|--------------------------|-------------|--|------|
| 1 <sup>st</sup> Semester | CINF 6705   | Information, Knowledge and Society                                   | 03   |
|                          | CINF 6706   | Research Methods in Information Science                              | 03   |
|                          | CINF 6707   | Information and Knowledge Technologies                               | 03   |
| 2 <sup>nd</sup> Semester | CINF 6708   | Foundations of Information and Knowledge Organization                | 03   |
|                          | CINF 6905   | Foundations and Applications of Knowledge Management                 | 03   |
|                          | CINF 6906   | Strategies, Innovations and Techniques for Knowledge Management      | 03   |
| 3 <sup>rd</sup> Semester | CINF 6907   | Knowledge Generation, Communication and Organizational Learning      | 03   |
|                          | CINF 6908   | Innovation Management: From Idea to Implementation Cycle / Marketing | 03   |
|                          | CINF        | Elective   | 03   |
| 4 <sup>th</sup> Semester | CINF 6998   | Research Seminar: Knowledge Application (Capstone)                   | 03   |
|                          | CINF        | Elective   | 03   |
|                          | CINF        | Elective   | 03   |

The Master has two areas of emphasis (tracks): one in Library and Information Science and the other in Knowledge Management. Both areas share four core courses, two approaches across curriculum: Evidence-Based Practice and Learning and problem solving; a Research Seminar: Application of Knowledge (Capstone); and, the development of an electronic professional portfolio.



## POST BACCALAUREATE CERTIFICATE

### School Librarian Certificate

This certificate prepares the student to administer all the resources in a school/media library.

Graduates of this program will be able: first, to make decisions for the acquisition and development of collections and manage technology efficiently in order to improve educational programs and services; and, second, to develop information products and services integrated into the curriculum in accordance with the users of the library and curricular core framework components. The courses in this program are offered primarily online, using a platform for distance education (eg. Blackboard, Moodle) and other applications for online communication.

Occasionally, some sessions are complemented through videoconferencing. The use of "chat" forums, email, and other Web 2.0 tools offer students a constant interaction with their teachers and fellow students to actively participate in the learning process.

Requirements: A degree from an accredited college or university, preferably in Education, with a minimum GPA of 3.00; a Certificate of Teacher Education from the Department of Education of Puerto Rico; or to be working in a library. A student may transfer 21 credits to continue the Master's Program in Information Science.

**Total Credits: 22**

## CURSOS: 22 CREDITS

|   |           |
|---|-----------|
| CINF 6706: Information, Knowledge and Society                               | 3         |
| CINF 6808: Users Studies and Information Needs                              | 3         |
| CINF 6809: Selection and Acquisition of Information Resources and Knowledge | 3         |
| CINF 6806: Organization and Retrieval of Information                        | 3         |
| CINF 6416: The School Library   | 3         |
| CINF 6017: The School Library Programs integrated into the Curriculum       | 3         |
| CINF 6815: Information and Technological Competencies                       | 3         |
| CINF 6805: Practicum in School Library                                      | 1         |
| <b>Total</b>  | <b>22</b> |

## POST BACCALAUREATE CERTIFICATE

### Certificate of Records and Archives Manager

This certificate prepares students to serve as records managers in public or private organization, or as archivists. The student will be able to plan, organize and evaluate the fundamentals of working with documents in an administrative or historical archive. Also, use the technology to create products and services with added value that enrich the user experience and ensure efficient access to information disclosure or research purposes.

Requirements: Have earned a minimum overall GPA of 3.00. Having earned a BA degree in any discipline, and have passed a course in History of Puerto Rico and one of American history.

**Total Credits 18**

## COURSES: 18 CREDITS

|  |   |
|--|---|
| CINF 6417: Document Management                                 | 3 |
| CINF 6209: Document Management & Organization                  | 3 |
| CINF 6419: Archives: Organization, Development and Legislation | 2 |
| CINF 6507: Conservation and Preservation                       | 3 |
| CINF 6707: Information and Knowledge Technologies              | 3 |
| CINF 6208: Computer Systems for Integrated Document Management | 3 |
| CINF 6800: Practicum   | 1 |

**Total 18**

Twelve credits may be transfer to continue with the Master of Information Science.

