

**UNIVERSITY OF PUERTO RICO, RIO PIEDRAS CAMPUS
GRADUATE SCHOOL OF INFORMATION SCIENCES AND TECHNOLOGIES**



CURRICULUM MAPPING OF COMPETENCIES AND COURSES

ALA Competences Domain (2009)	Student Course Competencies	Core and Required courses where competencies are addressed	Assessment Activities (i.e. essays, oral presentation, research proposal, etc.)	Assessment Instruments and Rubrics	Expected Achievement
Foundations of the Profession (1)	<p>a. Knows the foundational principles of the library and information profession, its ethical principles and values.</p> <p>b. Is capable of identifying and use techniques to analyze problems in order to create or recommend appropriate</p>	<p>CINF 6005 Information, Knowledge & Society</p> <p>CINF 6010 Users Studies and Information Needs</p> <p>CINF 6600 Research Methods</p> <p>CINF 6995 (6008)</p>	<p>Development of annotated bibliography.</p> <p>Oral/written reports</p> <p>Critical essay</p> <p>Critical review of the literature</p> <p>Interviews</p> <p>Research study</p>	<p>Rubrics to assess essays, oral presentations and on-line forums.</p>	<p>80% of the students are expected to prove proficiency in the course competencies as indicated by a grade of B or better.</p>

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	<p>solutions.</p> <p>b. Educates for and models the ethical use of information and observes the fulfillment of the responsible use from the part of the users.</p> <p>c. Recognizes the development of the information society and the role that the information professional plays in it.</p> <p>d. Evidences effective verbal and written communications skills.</p>	<p>Found of Org Info & Knowledge</p> <p>CINF 6106 Ref Products & Services</p> <p>CINF 6200 Organization & Retrieval of Information</p> <p>CINF 6400 Administration Info Services and Products</p>	<p>proposal</p> <p>Collaboration in a wiki</p> <p>Development or participation in a blog</p> <p>Participation in an on line discussion forum</p>		
Information Resources (2)	a. Exhibits a competent knowledge of concepts, issues and methods for the management of the	<p>CINF 6200 Organization & Retrieval of Information</p> <p>CINF 6106</p>	<p>Oral/written reports</p> <p>Critical essay</p> <p>Critical review</p>	<p>Rubrics to assess essays, oral presentations and on-line forums.</p>	<p>80% of the students are expected to prove proficiency in the course</p>

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	<p>information resources.</p> <p>b. Identifies, recommends and access appropriate information resources for the users.</p> <p>c. Organizes the acquisition processes of information resources, the development and maintenance of various collections to satisfy the diverse information needs of users.</p>	<p>Reference Products & Services</p> <p>CINF 6125 Information Policies and Resources</p>	<p>of the literature</p> <p>Interviews</p> <p>Research study proposal</p> <p>Collaboration in a wiki</p> <p>Development or participation in a blog</p> <p>Participation in an on-line discussion forum</p> <p>Development of a policy and procedures manual.</p>	<p>Checklist to evidence participation</p>	<p>competencies as indicated by a grade of B or better.</p>
Organization of Recorded	<p>a. Knows the principles of the organization and</p>	<p>CINF 6100- Selection and acquisition of</p>	<p>Oral/written reports</p>	<p>Rubrics to assess essays, oral</p>	<p>80% of the students are expected to</p>

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Knowledge and Information (3)	<p>representation of recorded knowledge and information</p> <p>b. Has the basic developmental, descriptive and evaluative skills to organize recorded knowledge and information resources.</p> <p>c. Uses systems of cataloging, metadata, indexing and classification standards to organize recorded knowledge and information.</p>	<p>Information and Knowledge Resources.</p> <p>CINF 6200 Organization & Retrieval of Information</p> <p>CINF 6995 (6208) Foundations of Knowledge Management</p>	<p>Critical essay</p> <p>Critical review of the literature</p> <p>Interviews</p> <p>Collaboration in a wiki</p> <p>Development or participation in a blog</p> <p>Development of a database</p> <p>Participation in an on-line a discussion forum</p>	<p>presentations and on-line forums.</p> <p>Checklist to evidence participation</p>	<p>prove proficiency in the course competencies as indicated by a grade of B or better.</p>
Technological Knowledge and Skills (4)	a. Is knowledgeable about information, communication, and assistive and	CINF 6300 Information Technologies	Oral and/or written reports Information	Rubrics to assess essays, oral presentations and on-line	80% of the students are expected to prove

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	<p>related technologies as they affect the resources, service, delivery and uses of libraries, and other information agencies.</p> <p>b. Makes effective use of information technologies and communication to offer his/her professional services to users.</p> <p>c. Knows how to assess and evaluate technology based products and services for the benefit of information units.</p> <p>d. Identifies innovative ways and strategies for the use of TIC's in</p>	<p>CINF 6400 Administration of Information Services and Products CINF 6106 Reference Products and Services</p> <p>CINF 6995 (6305) Innovation from the idea to implementation</p> <p>CINF 6995 (6311) Development of Information Competencies</p>	<p>computerized database creation for an information unit.</p> <p>Wiki collaboration</p> <p>Development or participation in a group blog.</p> <p>Participation in an on line discussion forum.</p>	<p>forums.</p> <p>Checklist to evidence participation in wiki or blog</p>	<p>proficiency in the course competencies as indicated by a grade of B or better.</p>

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	<p>the information services.</p> <p>e. Knows the principles and techniques necessary to identify and analyze emerging technologies and innovations in order to recognize and implement relevant technological improvements.</p>				
Reference and User Services (5)	<p>a. Knows the concepts, principles, and techniques of reference and user services that provide access to relevant and accurate recorded knowledge and information to individuals of all ages and groups.</p> <p>b. Knows the</p>	<p>CINF 6106 Reference Products and Services</p> <p>CINF 6995 (6311) Development of Information Competencies</p> <p>CINF 6200 Organization &</p>	<p>Oral/written reports</p> <p>Critical essay</p> <p>Critical review of the literature</p> <p>Interviews</p> <p>Collaboration in a wiki</p>	<p>Rubrics to assess essays, oral presentations and on-line forums.</p> <p>Checklist to evidence participation in wiki or blog</p> <p>Discussion</p>	80% of the students are expected to prove proficiency in the course competencies as indicated by a grade of B or better.

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	<p>techniques to be used to retrieve, evaluate and synthesize information from diverse sources for use by individuals of all ages and groups.</p> <p>c. Knows the methods to interact successfully with individuals of all ages and groups to provide consultation, mediation and guidance in their use of recorded knowledge and information.</p> <p>d. Knows the techniques and methods to provide information literacy to users, facilitating the development of their information</p>	<p>Retrieval of Information</p> <p>CINF 6010 Users Studies and Information Needs</p> <p>CINF 6300 Information Technologies</p>	<p>Development or participation in a blog</p> <p>Participation in an on line discussion forum.</p> <p>Evaluation of virtual reference applications and platforms.</p>	<p>forum rubric</p> <p>Questionnaire for exit interview</p>	

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	<p>competencies.</p> <p>e. Knows how to implement the principles of assessment and response to diversity in user needs, user communities and user preferences.</p> <p>f. Knows the basic principles and methods to assess the current and emerging situations and circumstances on the design and implementation of appropriate services or resource development.</p>				
Research (6)	a. Knows about the fundamentals of quantitative and qualitative research methods.	CINF 6600 Research Methods CINF 6010 Users Studies and	Oral reports Written reports Critical essay Critical review	Rubrics to assess essays, oral presentations and on-line forums.	80% of the students are expected to prove proficiency in the course

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	<p>b. Knows about the principles and methods that can be used to assess scientific research and its findings.</p> <p>c. Applies research strategies observing scientific methodology.</p> <p>d. Maintains a critical attitude regarding subject content in information science.</p> <p>e. Recognizes the value of the diversity in paradigms and methods in scientific research.</p>	<p>Information Needs</p> <p>CINF 6005 Information, Knowledge & Society</p> <p>CINF 6995 (6405) Seminary of Applied Research (Capstone)</p>	<p>of the literature</p> <p>Interviews</p> <p>Observation exercise</p> <p>Collaboration in a wiki</p> <p>Development or participation in a blog</p> <p>Research study proposal</p> <p>Development of annotated bibliography.</p>	<p>Checklist to evidence participation in wiki or blog</p> <p>Rubric of applied research participation</p>	<p>competencies as indicated by a grade of B or better.</p>
Continuing Education and Lifelong Learning (7)	<p>a. Maintains continuous and active membership in professional associations.</p>	<p>CINF 6005 Information, Knowledge & Society</p> <p>CINF 6600 Research</p>	<p>Reports of participation in professional activities</p>	<p>Rubric for professional activities</p> <p>Professional portfolio</p>	<p>80% of the students are expected to prove proficiency in the course competencies as</p>

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	<p>b. Maintains updated through professional activities of educational value.</p> <p>C Utilizes technology as an autonomous learning tool.</p>	<p>Methods</p> <p>CINF 6300 Information Technologies</p>		<p>Questionnaire for exit interview</p>	<p>indicated by a grade of B or better.</p>
<p>Administration and Knowledge Management (8)</p>	<p>a. Is knowledgeable about the principles of management and budgeting of a library, or other information unit, creatively.</p> <p>b. Is knowledgeable of the ways and means of organizing his/her information unit articulating processes that will allow organizational learning.</p> <p>c. Is cognizant of the leadership skills to</p>	<p>CINF 6400 Administration of Information Services and Products</p> <p>CINF 6995 (6306) Knowledge, Communication and Organizational Learning.</p> <p>CINF 6995 (6209) Techniques and Strategies of Knowledge</p>	<p>Oral/written reports</p> <p>Critical essay</p> <p>Critical review of the literature</p> <p>Interviews</p> <p>Research study proposal</p> <p>Collaboration in a wiki</p> <p>Development or participation in</p>	<p>Rubrics to assess essays, oral presentations and on-line forums.</p> <p>Checklist to evidence participation in wiki or blog.</p>	<p>80% of the students are expected to prove proficiency in the course competencies as indicated by a grade of B or better.</p>

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	<p>be developed to stimulate, support, and maintain leadership within the information unit.</p> <p>d. Knows basic concepts of assessment and evaluation of library services, and their outcomes; and how to use findings for the betterment of the service.</p> <p>e. Knows the concepts behind and methods for developing partnerships, networks and other collaborative structures within the community served and other stakeholders.</p> <p>f. Knows how to effectively promote</p>	<p>Management</p> <p>CINF 6300 Information Technologies</p>	<p>a blog</p> <p>Participation in an on line discussion forum</p>		

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	<p>the information services in his/her information unit using the communication resources on hand.</p> <p>g. Applies written communication resources in different formats to clearly convey matters of professional character.</p> <p>h. Communicates effectively at the inter-personal, group and organizational levels in the oral, written and multimedia modalities, in Spanish and English.</p>				