DIGITAL AND INFORMATION LITERACY FRAMEWORK - Comparing Levels*

DOMAIN	UNDERGRADUATE LEVEL 3	MASTER'S LEVEL
Understand and Engage in Digital Practice	❖ Apply digital technologies to managing, recording and reflecting on sustained learning in the subject area ❖ Demonstrate the ability to create a personal learning environment incorporating elements of digital study practices and external applications and environments ❖ Demonstrate a leadership role in collaborative learning activities in your studies ❖ Engage in the creation, use, sharing and repurposing of subject-related knowledge artefacts within the study community ❖ Demonstrate effective use of social and/or professional online networks outside the study community	❖ Articulate the characteristics of digital scholarship in the relevant subject and/or professional area ❖ Apply digital techniques to conduct and share research ❖ Give evidence of proactive participation in academic and/or professional online networks outside the study community

Find Information	• Demonstrate the use of a wide range of sources appropriate to the discipline • Demonstrate independent selection of appropriate resources for the task • Give evidence of the use of sources of current information (including people) for keeping up-to-date • Identify and frame problems or research questions and select appropriate information to address these • Articulate and independently carry out strategy for finding information needed, whether from a person or an online resource	• Articulate the characteristic ways research information is generated and disseminated • Demonstrate the ability to search independently and fluently across a comprehensive range of information sources in any medium, including specialised information such as archives, data sets, special collections, colleagues and contacts in research networks • Demonstrate a critical and systematic approach to keeping up-to-date using the most appropriate tools and resources, e.g. RSS, mailing lists • Articulate the way that Library databases work (e.g. fields, records, indexing) and apply this knowledge to improve searches • Produce an independently conducted, thorough literature search in a specific subject area, making effective use of advanced search techniques such as citation searching • Identify the most effective ways to use research outputs (e.g. reports, conference proceedings, journal articles) to create impact
Critically Evaluate Information, Online Interaction and Online Tools	• Use appropriate quality criteria to critically evaluate information from any source to determine authority, bias, etc • Use appropriate quality criteria to filter results from a given search output, and to focus on the most relevant information within documents • Engage in critical appraisal of others' contributions in an online interaction • Demonstrate the ability to evaluate online tools in any context	• Engage in critical appraisal, including judgements on reliability and validity, of own work and the work of others • Define clearly the scope of a research question and apply relevant criteria to filter large quantities of information related to this question • Articulate the advantages and disadvantages of peer review practices • Assess whether an instance of online collaborative working has been effective and appropriate • Apply critical criteria to the evaluation of unfamiliar online tools

Manage and Communicate Information	❖ Demonstrate accurate and appropriate referencing of the thoughts and ideas of others ❖ Distinguish between different tools and techniques for managing and exporting references, select and use as appropriate for a specific task ❖ Engage in appropriate and effective communication online, in a variety of contexts (study, informal, transactional etc.) and using a variety of tools (e.g. research networks, social bookmarking, blogging)	❖ Apply a suitable method for managing a large volume of information ❖ Produce a synthesis of information from a range of diverse materials on a complex subject ❖ Produce a comprehensive literature review in a specific subject ❖ Articulate the ethical and legal requirements surrounding the use and re-use of information and identify sources of relevant advice ❖ Construct a major bibliography using bibliographic management tools, referencing a large range of materials ❖ Distinguish between platforms for publishing digital content, recognising the difference between formal publication and information exchange
Collaborate and Share Digital Content	❖ Produce a shared digital asset or output in collaboration with others as part of an assessed activity ❖ Contribute a re-purposed, shared or collaboratively produced artefact for the benefit of a wider online audience ❖ Contribute benefits from personal engagement with external social and subject-related networks to the work of a study group	❖ Demonstrate leadership in an online professional community, e.g. take the initiative in proposing appropriate media and working methods, facilitate group working through agreed processes; evaluate group outputs ❖ Give evidence of engagement in online communities and professional (subject) groups using multiple technologies and demonstrate successful management of group interactions

(*) Adapted from the Open University's Digital and Information Literacy Framework (2012)
http://www.open.ac.uk/libraryservices/subsites/dilframework/