

Allama Iqbal Open University
Department of Library and Information Sciences

Subject: Study Guidance to MLIS Students of Semester 1

There are many resources mostly free are available on the internet that may serve as helping and allied material for study and assignment preparation.

Following is the course wise detail of these online resources/websites. However, you should also explore additional resources physical or online/websites and databases available elsewhere. You should also visit any nearby libraries for this purpose. You should also visit AIOU Libraries located in nearby AIOU regional offices.

General including LIS Resources for all Topics

1. **LIS Department website:** <http://lis.aiou.edu.pk/>
2. **Google Books:** <https://books.google.com.pk/bkshp?hl=en>
3. **HEC Digital Library:** <http://digitallibrary.edu.pk/>
4. **WikiPedia:** <https://en.wikipedia.org>
5. **EduScapes:** <http://eduscapes.com/collection/index.htm>
6. **Internet Archive:** <https://archive.org/>
7. **Reference Desk:** <http://www.referencedesk.org/>
8. **E-Prints in LIS:** <http://eprints.rclis.org/>
9. **Library Philosophy and Practice (e-journal):**
<https://digitalcommons.unl.edu/libphilprac/>
10. **IJoLIS:** <http://ijolis.aiou.edu.pk/>
11. **MJLIS:** <https://jice.um.edu.my/index.php/MJLIS/index>
12. **IFLA Journal:** <https://www.ifla.org/publications/node/1691>
13. **PJIML:** <http://journals.pu.edu.pk/journals/index.php/pjimpl/index>
14. **Free e-books:** <https://bookboon.com/>
15. **Free LIS resources:** <http://www.lislinks.com/>
16. **Free resources:** <http://gen.lib.rus.ec/>
17. **AIOU Central Library:** <http://library.aiou.edu.pk/>
18. **DDC 20th ed:** <https://archive.org/details/deweydecimalcla02dewe>
19. **AACR2R concise:** <https://www.slideshare.net/NadeemNazir2/aacr2-pdf-book>
20. **Sears List of Subject Headings 19th ed:**
<http://api.ning.com/files/UosqTfXFuFGPXsobch1cYPy1fqCkxEMS2rNTmSJbmtEDpdlYmpS2yGRCzN9hB8heaIggxr1rtuLCqVtZedFqbywMWUUhAn55r/sears>
21. **Youtube:** <https://www.youtube.com>
22. **ODLIS:** https://www.abc-clio.com/ODLIS/odlis_b.aspx
23. **LOC Web Guides:** <https://www.loc.gov/rr/program/bib/libsci/fulltext.html>
24. **Internet Library for Librarians:** <http://www.itcompany2.com/inforetriever/>
25. **Slide Share:** <https://www.slideshare.net/>
26. **Research Gate (sign in/up required):** <https://www.researchgate.net/>

Course 5500: Foundation of Librarianship

Unit-1 History of alphabet

- <https://www.britannica.com/topic/alphabet-writing>
- <https://www.ancient.eu/alphabet/>
- <https://www.history.com/news/who-created-the-first-alphabet>
- <https://doyoukno.wordpress.com/2008/10/19/the-origins-and-history-of-the-alphabet/>

Unit-2 Writing material

- <http://www.skypoint.com/members/waltzmn/WritingMaterials.html>
- https://digitalcommons.wou.edu/cgi/viewcontent.cgi?article=1000&context=history_of_book
- http://people.duke.edu/~wj25/Greek_586_Literary_Papyrology/Assignments_files/WJ%20Papyrology%20CH%201.pdf

Unit-3 Development of paper

- <http://www.paperonline.org/history-of-paper>
- http://www.ipst.gatech.edu/amp/collection/museum_invention_paper.htm
- https://en.wikibooks.org/wiki/Papermaking/History_of_paper
- <http://www.pitad.org.pk/Publications/26-Pakistan%20India%20Trade%20Liberalization%20Sectoral%20Study%20on%20Paper%20and%20Paperboard%20Industry.pdf>
- <https://www.statista.com/topics/1701/paper-industry/>
- <https://www.dawn.com/news/352>
- <http://paper-production-in-pakistan.blogspot.com/2010/11/paper-mills-in-pakistan.html>

Unit-4 Printing

- http://j387mediahistory.weebly.com/uploads/6/4/2/2/6422481/printing_history.pdf
- https://www.researchgate.net/publication/237820330_Paper_Printing_and_the_Printing_Press
- https://www.karmak.org/archive/2002/08/history_of_print.html

Unit-5 Binding

- https://www.abc-clio.com/ODLIS/odlis_b.aspx
- <http://www.printabook.co.nz/bookbinding-methods/>
- <https://travelingscriptorium.files.wordpress.com/2013/07/bookbinding-booklet.pdf>
- <https://thepublicstudio.ca/images/diy/DIY-No3-Bookbinding-Spreads.pdf>

Unit-6 Development of book

- https://www.abc-clio.com/ODLIS/odlis_b.aspx
- <http://open.lib.umn.edu/mediaandculture/chapter/3-2-history-of-books/>
- <http://www.creationmoments.com/radio/transcripts/who-invented-book>
- <https://sfbook.com/the-evolution-of-the-book.htm>

Unit-7 Concept of library

- https://www.abc-clio.com/ODLIS/odlis_b.aspx
- <http://libguides.ala.org/library-definition>
- <http://libguides.ala.org/library-definition>
- http://elibrary.bsu.az/books_rax/N_24.pdf

Unit-8 Development of librarianship as profession

- <http://www.lisbdnet.com/librarianship-as-a-profession/>
- <https://walt.lishost.org/2008/03/is-librarianship-a-profession/>

- <https://otherlibrarian.wordpress.com/2010/04/30/ten-reasons-why-professional-librarian-is-an-oxymoron/>
- <https://lianza.org.nz/kim-salamonson-librarianship-worthwhile-and-valuable-profession>
- <https://grahamlavender.com/2012/05/01/should-librarians-be-considered-professionals/>

Unit-9 Education of librarianship in Pakistan

- <https://www.slideshare.net/Libcorpio/703-lis-edupak4may14>
- <https://www.tandfonline.com/doi/abs/10.1016/0020-7837%2871%2990025-2>
- <https://www.igi-global.com/chapter/trends-in-lis-education-and-research-in-pakistan/99960>
- <http://www.irma-international.org/viewtitle/99960/>

Course 5501: Introduction to Library and Information Sciences

Unit 1 Library Science: an introduction

- https://en.wikipedia.org/wiki/Library_science
- https://www.abc-clio.com/ODLIS/odlis_1.aspx
- https://www.youtube.com/watch?v=a6gwV_24NFU

Unit 2 Information science evolution

- https://en.wikipedia.org/wiki/Information_science
- <https://www.asist.org/about/information-science/>
- <https://www.britannica.com/science/information-science>
- <file:///C:/Users/amjid.khan/Downloads/information-02-00510.pdf>
- <https://doi.org/10.1515/msd-2015-0026>
- <https://onlinelibrary.wiley.com/doi/abs/10.1002/asi.4630220402>

- <https://www.the-scientist.com/?articles.view/articleNo/9008/title/The-Role-of-Information-Scientists/>
-

Unit 3 Relationship of library science with information science

- <https://onlinelibrary.wiley.com/doi/pdf/10.1002/asi.4630200414>
- <https://www.quora.com/What-is-the-difference-between-information-science-and-library-science>
- <http://www.informationr.net/ir/15-4/colis720.html>
- <http://bbf.enssib.fr/revue-enssib/consulter/revue-2013-01-0>
- <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.893.9420&rep=rep1&type=pdf>
- <http://people.ischool.berkeley.edu/~buckland/20THCENT.pdf>

Unit 4 Computer hardware, software, LAN & WAN

- <https://www.computerhope.com/issues/ch000039.htm>
- http://cs.sru.edu/~mullins/cpsc100book/module02_introduction/module02-03_introduction.html
- [https://doi.org/10.1016/0040-1625\(93\)90007-T](https://doi.org/10.1016/0040-1625(93)90007-T)
- <https://www.fcgov.com/salestax/pdf/rulesnregs/rnr-computer.pdf>
- http://www.arcticclimatemodeling.org/lessons/acmp/acmp_k4_DataAnalysisAndDisplay_BasicComputerHardwareAndSoftware.pdf

Unit 5 Fundamentals of computerized information storage

- <https://www.techopedia.com/definition/1119/storage-device>
- <http://typesofbackup.com/types-of-storage/>
- http://www.adrc.com/storage_media_main.html
- http://www.ftms.edu.my/images/Document/CSCA0101%20-%20Computing%20Basics/csa0101_ch05.pdf

Unit 6 Information retrieval and dissemination

- <http://www.lisbdnet.com/information-retrieval-syste/>
- <https://www.ajol.info/index.php/afrev/article/viewFile/72348/61276>
- <http://www.ijstr.org/final-print/mar2013/The-Use-Of-Databases-For-Information-Storage-And-Retrieval-In-Selected-Banks-In-Delta-State-Nigeria..pdf>
- <http://www.lisbdnet.com/online-information-retrieval-syste/>
- <https://www.eso.org/sci/libraries/lisa/lisa4/proceedings/Smith.pdf>
- https://www.researchgate.net/publication/299079817_The_role_of_libraries_in_information_dissemination_for_conflict_resolution_peace_promotion_and_reconciliation

Unit 7 Using computer spread sheets and graphics

- <https://en.wikipedia.org/wiki/Spreadsheet>
- <https://whatis.techtarget.com/definition/spreadsheet>
- <http://www.spreadsheetscience.org/>

Unit 8 Data communication, on-line searching and CD-ROM

- https://en.wikipedia.org/wiki/Data_transmission
- <http://www.tipsandarticles.com/data-communication-and-components/>
- <https://www.virtuallibrary.info/online-search-techniques.html>
- <https://www.reading.ac.uk/library/finding-info/guides/databases/lib-searching-databases-search-techniques.aspx>
- <https://www.computerhope.com/jargon/c/cdrom.htm>
- <https://whatis.techtarget.com/definition/CD-ROM>

Unit 9 Internet and E-mail

- <https://www.webopedia.com/TERM/I/Internet.html>

- <https://en.wikipedia.org/wiki/Internet>
- <https://en.wikipedia.org/wiki/Email>
- <https://www.computerhope.com/jargon/e/email.htm>

Course 5502: Information Sources and Services

Unit 1 General reference sources

- <http://gethelp.library.upenn.edu/guides/general/refsources.html>
- <https://library.uaf.edu/l101-reference-services>
- <http://www.ipl.org/div/aplus/referencelib.htm>

Unit 2 Special reference sources science and technology

- <http://eduscapes.com/cluster/4c.htm>
- <https://www.loc.gov/rr/scitech/selected-internet/general-scitech.html>

Unit 3 Special reference sources-humanities and social sciences

- <http://eduscapes.com/cluster/4b.htm>
- <http://guides.uflib.ufl.edu/HSSOnlineReferenceSources>

Unit 4 Evaluation of reference sources

- <http://oreonline.olc.org/modules/module-5-resources/module-5-examining-evaluating-reference-sources-part-books/>
- <http://www.netugc.com/evaluation-of-reference-sources>
- <http://leuwiliang-bogor.blogspot.com/2010/03/selection-and-evaluation-of-reference.html>

Unit 5 Reference and information services

- <https://library.uaf.edu/l101-reference-services>
- <https://referencephsusm.wordpress.com/2012/08/28/why-do-we-need-reference-services/>

- <http://www.netugc.com/types-of-reference-and-information-service>

Unit 6 Use of machine readable sources

- https://en.wikipedia.org/wiki/Machine-readable_data
- <http://opendatahandbook.org/glossary/en/terms/machine-readable/>
- https://www7.dict.cc/wp_examples.php?lp_id=1&lang=en&s=machine-readable
- <http://wab.uib.no/alouis/pichler-kirchb95b.pdf>

Unit 7 Management of reference and information department

- <http://work.chron.com/reference-librarian-duties-11375.html>
- <https://www.emeraldinsight.com/doi/full/10.1108/01435120410562925>
- https://en.wikipedia.org/wiki/Reference_desk
- https://www.academia.edu/14966993/THE_IMPORTANCE_OF_REFERENCE_SERVICES_AND_IT_S_METHODS_IN_THE_DIGITAL_ENVIRONMENT
- <https://referencephsusm.wordpress.com/2012/08/28/importance-of-reference-services-for-users/>

Unit 8 Bibliographic sources

- <https://en.wikipedia.org/wiki/Bibliography>
- http://www.isfdb.org/wiki/index.php/Sources_of_Bibliographic_Information
- <http://users.ox.ac.uk/~ctitext2/resguide/bibl96.html>

Unit 9 Bibliographic control in Pakistan Course

- https://www.abc-clio.com/ODLIS/odlis_A.aspx
- <https://www.ifla.org/files/assets/bibliography/Documents/IFLA%20Professional%20Statement%20on%20UBC.pdf>
- <https://www.youtube.com/watch?v=ZsnMenPWhYE>
- <http://pastic.gov.pk/mainbib.aspx>

- https://www.researchgate.net/publication/236173209_Bibliographic_control_of_LIS_literature_in_Pakistan
- <https://www.sciencedirect.com/science/article/pii/S0020783786800073>

Course 5503: Classification: Theory and Practice

Unit 1 Introduction to classification

- https://www.youtube.com/results?search_query=Introduction+to+book+classification+
- https://www.youtube.com/results?search_query=history+of+library+classification+scheme
- https://www.google.com/search?source=hp&ei=iP8QW-_gCpCv9QOJhJ_AAQ&q=introduction+to+library+classification+pdf&oq=Introduction+to+library+classification+&gs_l=psy-ab.1.3.0i7i30k1j0j0i30k113j0i5i30k1j0i8i30k1.6656.11906.0.23688.10.9.0.0.0.318.139.6.0j3j2j1.6.0....0...1c.1.64.psy-ab..7.3.673.0..0i8i7i30k1.0.8IZBcMm6aVw
- http://shodhganga.inflibnet.ac.in/bitstream/10603/31769/8/08_chapter%201.pdf
- <https://www.slideshare.net/search/slideshow?searchfrom=header&q=introduction+to+library+classification>
- http://shodhganga.inflibnet.ac.in/bitstream/10603/31769/10/10_chapter%203.pdf

Unit 2 History of classification

- https://www.youtube.com/results?search_query=history+of+library+classification+scheme
- http://shodhganga.inflibnet.ac.in/bitstream/10603/31769/8/08_chapter%201.pdf
- https://en.wikipedia.org/wiki/Library_classification
- <http://www.acrosswalls.org/notes/history-book-classification/>
- http://www.newworldencyclopedia.org/entry/Library_classification

Unit 3 Comparative study of major classification schemes

- <http://www.lisbdnet.com/comparative-analysis-ddc-udc-cc-classification-scheme/>
- https://scholar.google.com.pk/scholar?q=Comparative+study+of+major+classification+schemes&hl=en&as_sdt=0&as_vis=1&oi=scholart
- <http://egyankosh.ac.in/bitstream/123456789/35741/1/Unit-4.pdf>
- <https://www.slideshare.net/NadeemNazir2/comparative-study-of-major-classification-schemes>
- <http://m.bookfi.net/book/1246498>
- https://www.researchgate.net/publication/220028641_Library_Classification_Systems_and_Organization_of_Islamic_Knowledge_Current_Global_Scenario_and_Optimal_Solution
- https://en.wikipedia.org/wiki/Comparison_of_Dewey_and_Library_of_Congress_subject_classification
- <https://www.loc.gov/catworkshop/courses/fundamentalslcc/pdf/classify-instr-manual.pdf>

Unit 4 Study of classification schemes locally used

- https://www.researchgate.net/publication/220028641_Library_Classification_Systems_and_Organization_of_Islamic_Knowledge_Current_Global_Scenario_and_Optimal_Solution
- <https://journals.ala.org/index.php/lrts/article/view/5532/6804>
- <http://www.jistap.org/notReviewEpaperFile.do?method=finalDown&journalSeq=J000043&issueSeq=377&serviceEpaperSeq=1937>

Unit 5 Study and practice of DDC 19th Edition

- <https://archive.org/details/deweydecimalcla02dewe>
- <http://classify.oclc.org/classify2/>
- <https://www.oclc.org/content/dam/oclc/dewey/versions/print/intro.pdf>
- <https://www.youtube.com/watch?v=BKjHj2hi5qE>
- <https://www.tandfonline.com/doi/full/10.1080/00049670.2014.957811>

Unit 6 Study of DDC 20th Edition

- https://books.google.com.pk/books/about/Dewey_Decimal_Classification_20th_Edition.html?id=6A_hAAAAMAAJ
- <https://archive.org/details/deweydecimalcla04dewe>

Unit 7 Practice of DDC 20th Edition

- <http://classify.oclc.org/classify2/>
- <http://classify.oclc.org/classify2/ClassifyDemo?swid=035637695>

Unit 8 Study of subject headings

- http://edutechwiki.unige.ch/en/Subject_heading
- <http://collegeofsanmateo.edu/csmlibrary/tutorials/subject.html>
- <https://www.loc.gov/aba/publications/FreeLCSH/freelcsh.html>
- https://en.wikipedia.org/wiki/Library_of_Congress_Subject_Headings
- <https://librarianshipstudies.blogspot.com/2015/09/subject-heading.html>
- <http://home.olemiss.edu/~tharry/SH/lcshguide.pdf>
- <https://libguides.mit.edu/c.php?g=175963&p=1160804>
- <http://id.loc.gov/authorities/subjects.html>
- <http://www.moyak.com/papers/library-congress-subject-headings.html>
- <https://www.loc.gov/catworkshop/lcsh/PDF%20scripts/2-1-Structural-Overview.pdf>
- <https://www.nlm.nih.gov/mesh/>
- https://en.wikipedia.org/wiki/Medical_Subject_Headings
- <https://en.wikipedia.org/wiki/Thesaurus>
- <https://www.loc.gov/catworkshop/courses/thesaurus/pdf/cont-vocab-thes-trnee-manual.pdf>

Unit 9 Practice of subject headings

- <http://home.olemiss.edu/~tharry/SH/lcshguide.pdf>
- <http://www.moyak.com/papers/library-congress-subject-headings.html>
- <https://library.uaf.edu/ls101-lc-subject>

- <https://www.loc.gov/catworkshop/lcsh/PDF%20scripts/2-1-Structural-Overview.pdf>
- <https://www.nlm.nih.gov/mesh/>
- www.loc.gov/catworkshop/courses/basicsubject/ppt/lcsh-show-all.ppt
- <https://library.osu.edu/blogs/cdad/2008/09/09/marc-in-practice-2-call-number-and-subject-heading-fields/>
-

Course 5504: Cataloguing: Theory and Practice

Unit 1 What is a library catalogue?

- http://www.newworldencyclopedia.org/entry/Library_catalog
- <http://livinginthelibraryworld.blogspot.com/2008/11/introduction-to-libraries-types-of.html>
- https://en.wikipedia.org/wiki/Library_catalog
- <http://lili.org/forlibs/ce/able/course5/08purpose.htm>
- <https://www.youtube.com/watch?v=HlaWAPcLGfA>
- http://epgp.inflibnet.ac.in/epgpdata/uploads/epgp_content/library_and_information_science/knowledge_organization_and_processing_-_cataloguing/01._library_catalogue___definition,_function,_importance_and_adjuncts/et/4474_et_m1.pdf
- <http://www.lisbdnet.com/objectives-of-library-catalogue/>
- <https://www.slideshare.net/anupamasaini23/theory-of-library-cataloguing-61716154>

Unit 2 Development of cataloguing codes

- http://epgp.inflibnet.ac.in/epgpdata/uploads/epgp_content/library_and_information_science/knowledge_organization_and_processing_-_cataloguing/02._technical_processing/et/4475_et_m2.pdf
- <https://www.journals.uchicago.edu/doi/abs/10.1086/618341?journalCode=lq>
- <https://en.wikipedia.org/wiki/Cataloguing>
- <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.485.5063&rep=rep1&type=pdf>
- <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.222.6534&rep=rep1&type=pdf>
- <http://www.moyak.com/papers/history-library-catalogues.html>
- <https://www.timetoast.com/timelines/cataloguing-codes>
- <http://www.aacr.org/Meetings/Pages/MeetingDetail.aspx?EventItemID=136>
- https://en.wikipedia.org/wiki/Anglo-American_Cataloguing_Rules
- <https://cdr.lib.unc.edu/indexablecontent/uuid:71cedba2-f555-49fc-bc45-0bf5344b58fe>
- <https://bsf.org.br/wp-content/uploads/2017/05/CHANDEL-AND-PRASAD-JOURNEY-OF-CATALOG-FROM-PANIZZIS-PRINCIPLES.pdf>

Unit 3 Forms and kinds of catalogue

- <https://www.slideshare.net/RJRaaja/forms-of-catalogue>
- http://epgp.inflibnet.ac.in/epgpdata/uploads/epgp_content/library_and_information_science/knowledge_organization_and_processing_-_cataloguing/05._forms_of_library_catalogue/et/4478_et_m5.pdf
- <http://egyankosh.ac.in/bitstream/123456789/35744/1/Unit-6.pdf>
- https://www.youtube.com/watch?v=Q22KH_uuVKE

- <https://classroom.synonym.com/kinds-card-catalogues-5188012.html>
- <http://www.aacr.org/Meetings/Pages/MeetingDetail.aspx?EventItemID=136>

Unit 4 Chief sources of information

- <http://www.aacr.org/Meetings/Pages/MeetingDetail.aspx?EventItemID=136>
- https://www.itsmarc.com/crs/mergedprojects/conser/conser/module_30_3__ccm.htm
- <https://sites.google.com/site/opencatalogingrules/library-of-congress-rule-interpretations>
- <http://www.rda-jsc.org/archivedsite/workspace/restrictedchair3-notes.pdf>
- http://libweb.lib.georgiasouthern.edu/wiki/index.php/Chief_source_of_the_information_recorded_on_the_Bibliographic_record
- <https://library.queensu.ca/techserv/cat/Sect02/c02a2.html>

Unit 5 Descriptive cataloguing

- <http://www.aacr.org/Meetings/Pages/MeetingDetail.aspx?EventItemID=136>
- <http://libguides.ala.org/catalogingtools/descriptive>
- <https://www.webjunction.org/content/dam/WebJunction/Documents/illinois/catalogingbootcamp/Cataloging%20Boot%20Camp%20Session%202%20Handout.pdf>
- https://www.loc.gov/aba/publications/FreeDCM/DCM_2008-04.pdf
- <https://cdr.lib.unc.edu/indexablecontent/uuid:71cedba2-f555-49fc-bc45-0bf5344b58fe>

Unit 6 Cataloguing of Pakistan and oriental names

- https://books.google.com.pk/books/about/Cataloguing_of_Pakistani_Names.html?id=qd_gAAAAMAAJ
- https://www.researchgate.net/publication/268146414_Technical_issues_of_handling_oriental_collection_a_case_study_of_Quaid-e-Azam_Library_Lahore
- <https://ils.unc.edu/MSpapers/3092.pdf>
- https://www.academia.edu/1190644/Subject_cataloging_in_Pakistani_libraries?auto=download
- <https://www.tandfonline.com/doi/abs/10.1016/0020-7837%2883%2990070-5?journalCode=ulbr19>
- <https://www.tandfonline.com/doi/abs/10.1016/S0020-7837%2873%2980038-X?journalCode=ulbr19>
- http://qa.answers.com/Q/What_problems_Pakistani_librarian_facing_while_cataloging_oriental_names
- <https://digitalcommons.unl.edu/cgi/viewcontent.cgi?referer=http://digitalcommons.unl.edu/cgi/viewcontent.cgi?article=1313&context=libphilprac&httpsredir=1&article=1313&context=libphilprac>
- <https://www.loc.gov/catdir/pinyin/romx311.pdf>
- <https://www.loc.gov/catdir/cpso/CJKIntro2.html>
- <http://www.nl.go.kr/icc/paper/22.pdf>
- <https://sites.google.com/site/opencatalogingrules/aacr2-chapter-22>
- <https://www.loc.gov/catdir/cpso/arabic.html>

Unit 7 Rules for filing entries

- https://en.wikipedia.org/wiki/Anglo-American_Cataloguing_Rules
- <https://sites.google.com/site/opencatalogingrules/aacr2-chapter-22#TOC-Entry-Element>

