Description of Course Unit (Library and information science program) according to the ECTS User's Guide 2015

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| Course unit title | Technology Management of Information Institutionshttps://layar.yarsi.ac.id/course/view.php?id=9295 |
| Course unit code | KK150312\_22 |
| Type of course unit | Elective |
| Level of course units | First cycle Bachelor |
| Year of study when the course unit is delivered(if applicable) | Third Year |
| Semester/trimester when the course unit is delivered | 6st semester |
| Number of ECTS credits allocated (credits) 1 credit=1.5 ECTS | 3 Credits of Theory (4.5 ECTS) and 6 Credits of Practice (9 ECTS) |
| Name of lecturer(s) | Danang Dwijo Kangko, S.Hum., M.P. |
| Learning outcomes of the course unit | 1. Students are able to design a library web portal according to user needs
2. Students are able to manage library portal applications according to technological development trends
3. Students are able to analyze information sources needed by users
4. Students are able to evaluate the User Interface / User Experience of the software used by the library
5. Students are able to manage library automation applications
6. Students are able to manage digital library systems or institutional repositories
7. Students are able to manage digital collection metadata
8. Students are able to manage hardware and networks needed by the library
9. Students are able to explain semantic web and its functions

in the library |
| Mode of delivery(face-to-face, distance learning) | Blended |
| Prerequisites andco-requisites (if applicable) | Internet and Web Technology |
| Course content | The topics in this course include:1. IT Standard for library
2. Project management
3. API
4. Web portal
5. UI/UX
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|  | 6. Semantic Web |
| Recommended or required reading and otherlearning resources/tools | **Reference****Primary Material**1. Albert, Bill & Tullis, Tom. Measuring the User Experience: Collecting, Analyzing, and Presenting Usability Metrics (Interactive Technologies) 2nd Edition. Newnes, 2013
2. Darari, Fariz. Knowledge Graphs Mini Handbook. Faculty of Computer Science: Universitas Indonesia, 2021
3. Elaina Norlin & CM Winters. 2002. Usability for Library Website . Chicago:ALA Press

**Supplementary Materials**1. Perpustakaan Nasional Indonesia. Standar Nasional Perpustakaan. https://linktr.ee/dsa.perpusnas 2023
2. IFLA. Guidelines for translations of the IFLA ISBD namespace in RDF (April 2017). IFLA Publications. 2017 https://repository.ifla.org/items/507c84ae-f8fc-40df-babb-4a 6f5246433c
3. IFLA. Guidelines for Use of ISBD as Linked Data (2016). IFLA Publications. 2016 https://repository.ifla.org/handle/20.500.14598/1384
4. IFLA. Linked data access to IFLA Standards.

[https://www.iflastandards.info/](http://www.iflastandards.info/) |
| Planned learning activities and teaching methods | Lecture, discussion, observation, project |
| Language of instruction | Bahasa Indonesia and English |
| Assessment methods and criteria | Assignment : 30% Participatory Activity : 20% Project: 50% |