Name: Research Methods and Scientific Writing in Library and Information Science					
module/course code:	Student workload: 340 Minutes/Week	Credits (ECTS): 3	Semester 4	Frequency Even Semester	Duration
Types of courses: Tutorial/Lecture/Response		Contact hours: 100 minutes/week		Independent study 240 minutes/week	Class size X students: 30 Students

1	Prerequisites for participation -
2	Learning outcomes 1. Students understand and are able to explain the characteristics and differences between quantitative and qualitative research and their use in library and information science research. 2. Students understand and are able to explain various qualitative (i.e. case study, phenomenology, ethnography, history, and grounded theory) and quantitative (i.e. descriptive, causal comparative, comparative and experimental) research designs commonly used in library and information science research. 3. Students understand and have the skills to use various data collection methods in qualitative (i.e. interviews, observation, and documentation) and quantitative (i.e. online/offline surveys and various secondary data documentation) research used in information and library science research along with the ethical issues involved (i.e. use of inform concerns and confidentiality of informant/respondent data identity). 4. Students understand and have the skills to analyze qualitative data (i.e., perform various stages of data coding and master various ways of displaying data from interviews, observations, and documentation) and quantitative (i.e., descriptive statistics, correlation/regression, path analysis) which are commonly carried out in information and library science research. 5. Students understand the structure and style of writing scientific papers, especially for thesis writing and have skills in writing chapters and sub-chapters in the thesis (abstract/abstract, introduction, background, research objectives and benefits, literature review, research methods, results and discussion, conclusions and suggestions, bibliography and appendices) in accordance with the rules of standard scientific writing procedures.
3	Description This course discusses research methods and scientific writing applied in information and library science research in general. This course covers two main topics. First, the basic concepts of quantitative and qualitative research, the application of various quantitative and qualitative research designs in information and library science, data sources and various data collection methods and various data analysis techniques used in information and library science research. Second, scientific writing methods that contain discussions about the structure and style of scientific papers, the rules and ethics of writing scientific papers, writing techniques and steps for writing scientific papers focused on writing student final assignments.
4	Teaching methods: 1. Lectures

5	Assessment methods:
	1. Assignments,
	2. Middle semester examination
	3. Quizzes
	4. Final semester examination
6	Other information e.g. bibliographical references:
	1. Creswell, J.W. (2019). Research design pendekatan kualitatif, kuantitatif, dan mixed, terj, Saifuddin Zuhri Qudsy. Jakarta: Yayasan Mitra Netra.
	2. Jackson, K.& Bazeley, P. (2019). Qualitative Data Analysis with NVivo. London: SAGE Publication Ltd.
	3. Jaya, M. (2020). Metode Penelitian Kuantitatif dan Kualitatif: Teori, Penerapan, dan Riset Nyata. Yogyakarta: Penerbit Anak Hebat Indonesia.
	4. Laksmi. (2021). Metode Penelitian Perpustakaan. Tangerang Selatan: Universitas Terbuka.
	5. Walliman, N. (2021). Research Methods The Basic. Australia: Routledge.
	6. McConnel, J. (2022). Styling Your Writing: Mixing and Matching Academic Writing Techniques to Create Something Uniquely You. Australia: Routledge
	7. Aliotta, M. (2018). Mastering Academic Writing in the Sciences: A Step-by-Step Guide. United Kingdom: CRC Press