**Literature:**

1. Vaughn L. Concise Guide to Critical Thinking. 2-nd Edition,

2020, 368 pp.

2 Morrow D.R., Weston A. A Workbook for Arguments: A Complete Course in Critical Thinking 3-rd Edition, 2019, 563 pp.

3 Golard A. A field guide to thinking errors: Using neuroscience to classify, avoid, and exploit our biases. 2021, 260 pp.

4 Potochnik, A., Colombo M., Wright C. Recipes for Science, Taylor&Francis, 2019, 327 pp.

5 Meltzoff, J. and H. Cooper. Critical Thinking about Research (2-nd editon).APA (Amazon Kindle), 2018, 335 pp.

6 Rurherford, A. Critical thinkers:methods for clear thinking and analysis in everyday situations from the greatest thinkers in history. Amazon (Great of Kindle Edition), 2018, 173 pp.

7 Aytasheva Z.G. Concise Guidance for Biologists: Preparation of Scientific Publications and Grant Proposals. Kazakh University, 2005, 47 p. (Rus.). and later editions of this guidebook.

8 Dawkins R. The Oxford book of modern writing. 1st paper edition. Oxford University Press, 2009, 419 pp.

Internet resources:

1. http://elibrary.kaznu.kz/ru

2.http://highered.mcgrawhill.com/sites/0767417399/student\_view0/chapter1/web\_links.html

3.http://wps.ablongman.com/long\_aaron\_lbb\_2/22/5789/1482143.cw/index.html

4.http://college.cengage.com/english/chaffee/critical\_thinking/2e/students/links/chap10.html

5. http://bmj.bmjjournals.com/collections/read.htm (how to read scientific papers)

6. http://modeling.asu.edu/modeling/weblinks.html (weblink for the modelers)

7. https://uk.pcmag.com/video-conferencing-software/141537/15-tips-to-make-meetings-moreaccessible-for-everyone

8. https://opportunitiescorners.info/how-to-write-a-research-proposal-for-masters-and-phd/