

**COURSE PROGRAM****356012J Systematic review, 5 ECTS**

<b>Time:</b>	10-12.04.2018 Lectures and workshops
<b>Place:</b>	University of Oulu, Research Unit of Nursing Science and Health Management, Aapistie 5A
<b>Course leader and coordinator:</b>	Professor Maria Kääriäinen & PhD post-doctoral researcher Kristina Mikkonen, University of Oulu
<b>Teachers:</b>	Professor Maria Kääriäinen Professor Roger Watson Professor Jouko Miettunen PhD senior lecturer Pirjo Kaakinen, PhD post-doctoral researcher Heidi Ruotsalainen PhD post-doctoral researcher Kristina Mikkonen
<b>Purpose:</b>	The students broaden their understanding about systematic review.
<b>Credits:</b>	5 ECTS
<b>Learning methods:</b>	Preliminary reading, lectures, workshops and systematic review protocol as an independent work
<b>Literature:</b>	Current literature, research reports and lecture materials.
<b>Outcomes and evaluation:</b>	After the course student is able to choose and use systematic review method by being able to select the systematic review process, evaluate the quality appraisal and bias of review and develop a systematic review protocol.

**Registration to the course:**

Until: 9.4.2018

To: [kristina.mikkonen@oulu.fi](mailto:kristina.mikkonen@oulu.fi)

Send by email: students number, name and major

## CONTENT AND PROGRAM

**Independent orientation:** Orientate yourself by reading the preliminary literature before contact teaching sessions. List of preliminary literature can be found in the end of the program.

### **10<sup>th</sup> of April 2018**

**Place: F202**

8.30 - 8.45	Introduction to the course, Prof. Maria Kääriäinen
8.45 - 10.00	Systematic review, Editor in Chief of Journal of Advanced Nursing, Prof. Roger Watson
10.00 - 10.15	Coffee break
10.15 – 11.30	Systematic review, Editor in Chief of Journal of Advanced Nursing, Prof. Roger Watson
11.30 – 12.30	Lunch break
12.30 – 13.30	Systematic review protocol, Prof. Maria Kääriäinen
13.30-13.45	Coffee break
13.45 – 15.00	Workshop: Critical appraisal, PhD Pirjo Kaakinen
15.00-15.15	Closing of the day, Prof. Maria Kääriäinen and PhD Pirjo Kaakinen

### **11<sup>th</sup> of April 2018**

**Place: F101**

8.30 - 10.00	Data extraction and meta-analysis of quantitative studies, Prof. Jouko Miettunen
10.00 - 10.15	Coffee break
10.15 – 11.15	Workshop: Data extraction and synthesis of qualitative studies, PhD Kristina Mikkonen
11.15 - 12.15	Lunch break

12.15 -13.15	Workshop: Quality of methodology, PhD Heidi Ruotsalainen
13.15 – 13.30	Coffee break
13.30 - 15.00	Writing of a manuscript, systematic review case, Editor in Chief of Journal of Advanced Nursing, Prof. Roger Watson
15.00 – 15.15	Closing of the day, PhD Kristina Mikkonen and PhD Heidi Ruotsalainen

**12<sup>th</sup> of April 2018**  
**Place: F101**

9.00 – 11.00	The four rules of writing, organizing a paper, Editor in Chief of Journal of Advanced Nursing, Prof. Roger Watson
11.00- 12.00	Lunch break
12.00 - 13.30	Publication ethics, open access, using social media to promote your work, Editor in Chief of Journal of Advanced Nursing, prof. Roger Watson
13.30 – 14.00	Coffee break
14.00 – 15.00	Workshop: better writing, Editor in Chief of Journal of Advanced Nursing, Prof. Roger Watson
15.00 – 15.15	Closing of the day, Prof. Maria Kääriäinen

**Preliminary reading:**

<http://journals.lww.com/ajnonline/pages/collectiondetails.aspx?TopicalCollectionId=25>

Aromataris, E. & Pearson, A. (2014). The Systematic Review: An Overview. *American Journal of Nursing* 114(3), 53-58.

Stern, C., Jordan, Z. & McArthur, A. (2014). Developing the Review Question and Inclusion Criteria. *American Journal of Nursing* 114(4), 53-56.

Aromataris, E. & Riitano, D. (2014). Constructing a Search Strategy and Searching for Evidence. *American Journal of Nursing* 114(5), 49-56.

Porritt, K., Gomersall, J. & Lockwood, C. (2014). Study Selection and Critical Appraisal. *American Journal of Nursing* 114(6), 47-52.

Munn, Z., Tufanaru, C. & Aromataris, E. (2014). Data Extraction and Synthesis. *American Journal of Nursing* 114(7), 49-54.

Pearson, A., White, H., Bath-Hextall, F., Salmond, S., Apostolo, J. & Kirkpatrick, P. (2015). A mixed-methods approach to systematic reviews. *Int J Evid Based Healthc* 13(3), 121-31.

Robertson-Malt S. (2014). Presenting and Interpreting Findings. *American Journal of Nursing* 114(8), 49-54.