

| Module Details         |                                             |
|------------------------|---------------------------------------------|
| <b>Module Title:</b>   | Research Development and Innovation         |
| <b>Module Code:</b>    | NUR5007-B                                   |
| <b>Academic Year:</b>  | 2019-20                                     |
| <b>Credit Rating:</b>  | 20                                          |
| <b>School:</b>         | School of Nursing and Healthcare Leadership |
| <b>Subject Area:</b>   | Nursing                                     |
| <b>FHEQ Level:</b>     | FHEQ Level 5                                |
| <b>Pre-requisites:</b> |                                             |
| <b>Co-requisites:</b>  |                                             |

| Contact Hours  |       |
|----------------|-------|
| Type           | Hours |
| Lectures       | 22    |
| Tutorials      | 4     |
| Directed Study | 152   |

| Availability |                                                 |
|--------------|-------------------------------------------------|
| Occurrence   | Location / Period                               |
| BDA          | University of Bradford / Semester 1 (Sep - Jan) |

| Module Aims                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>This module will develop the students' knowledge, understanding and ability to apply research findings clinical audit and service improvement techniques in health and care settings. To enable students to gain a critical understanding of the role of the Nurse Associate (NA) in relation to continuous service improvement, and evidence-based practice, designed to deliver better patient outcomes.</p> |

| Outline Syllabus                                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Nature and sources of knowledge, research methodologies and methods, hierarchy of professional knowledge. The theory and practice of clinical audit, service review, service improvement. Improvement science tools and techniques including the model for improvement,</p> |

process mapping and redesign, and the human dimensions of change. Measurement for improvement, data capture, analysis and presentation of findings. Public and patient involvement, service user role in co-production of service improvement. User involvement and peer review in research. Governance, quality assurance and ethical frameworks in relation to patient and service user safety. The contrast between quality assurance and inspection; the role of the Care Quality Commission and the Health Research Authority. Evidence based practice. Sources of evidence and the role of statutory regulatory and arms lengths advisory bodies in validating and disseminating evidence. Digital and innovative technologies in practice and service development

### Learning Outcomes

|   |                                                                                                                                                                                         |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Differentiate between research, clinical audit and service development activity; explain the importance of each in relation to the continuous improvement of patient care and safety    |
| 2 | Explain the importance of ethical, governance and quality assurance frameworks in relation to research, clinical audit and service improvement activities                               |
| 3 | Critically evaluate different approaches to managing service quality improvement in clinical settings; describe a range tools and techniques employed in service review and redesign    |
| 4 | Describe and explain the role and importance of patient, public and carer involvement in research, and in the review and co-production of healthcare practice and services development; |
| 5 | Organise, analyse, interpret and present data pertaining to clinical audit, service review or a practice development activity.                                                          |
| 6 | Advocate an evidence based approach to health and care provision, clinical audit and practice development                                                                               |
| 7 | Engage with and promote the use of digital technologies and innovations in health and care research, clinical audit and practice development                                            |

### Learning, Teaching and Assessment Strategy

Students will develop their knowledge and understanding, and appreciation of the application of research and innovation to service improvement through the use of lectures and tutorials which will be evidence based and research informed. These will facilitate the achievement of learning outcomes (LO) 1, 2, 3, 4, and 5. Seminars, group learning and directed study will be used to facilitate LO 1, 4, 5 and 6. LO 5, 6 and 7 will be achieved though seminars, directed study and structured reflection on clinical scenarios and experience. Seminars, structured reflection on practice experiences and scenarios, along with technology enhanced learning; use of web based resources e.g. PebblePad will contribute the achievement of LO 5 and 7.

### Mode of Assessment

| Type      | Method            | Description               | Length | Weighting |
|-----------|-------------------|---------------------------|--------|-----------|
| Summative | Examination - MCQ | Safe Medicate (Pass/Fail) | 1 hour | %         |

|           |            |                                                                                                                        |            |      |
|-----------|------------|------------------------------------------------------------------------------------------------------------------------|------------|------|
| Summative | Coursework | Clinical audit or service improvement project:<br>Abstract summarising a service improvement project or clinical audit | -500 words | 100% |
|-----------|------------|------------------------------------------------------------------------------------------------------------------------|------------|------|

## Reading List

To access the reading list for this module, please visit <https://bradford.rl.talis.com/index.html>.

*Please note:*

*This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.*