1. **Title of the module**
   WL859 Research Skills For Dentists

2. **School or partner institution which will be responsible for management of the module**
   Health Education England Kent Surrey and Sussex (HEKSS)

3. **Start date of the module**
   Spring Term 2013

4. **The number of students expected to take the module**: 10-15

5. **Modules to be withdrawn on the introduction of this proposed module and consultation with other relevant Schools and Faculties regarding the withdrawal**. NA

6. **The level of the module (e.g. Certificate [4], Intermediate [5], Honours [6] or Postgraduate [7])**
   Level 7.

7. **The number of credits and the ECTS value which the module represents**:
   20 Credits (10 ECTS)

8. **Which term(s) the module is to be taught in (or other teaching pattern)**
   Flexible

9. **Prerequisite and co-requisite modules**. This module is prerequisite Primary Dental Care Dissertation module in Stage 3

10. **The programmes of study to which the module contributes**: PG Diploma and MSc in Primary Dental Care

11. **The intended subject specific learning outcomes**:
    
    11.i. Develop a critical understanding of the principles of research methodology and specific methodologies of managing research project applied in the context of own practice.
    
    11.ii. Review and critically evaluate best available evidence relevant to a specified area of professional practice, synthesising information from key sources and databases using a range of database tools and techniques.
    
    11. iii. Demonstrate ability to reflect on the ethical aspects of research, and to compile a formal application for consideration by the CPP research ethics approval committee, and if necessary on to NHS ethics committee, comprising a research project protocol and ethics approval form.

12. **The intended generic learning outcomes**
    
    12.i. Show a capacity of autonomous learning in the workplace environment and the ability to access professional resources.
    
    12.ii. Communicate with clarity in a research environment.
    
    12.iii. Show evidence of clinical self-reflection and the ability to enhance professional performance.
    
    12.v. Receive and positively respond to constructive criticism arising from research.
13. A synopsis of the curriculum
This module will provide participants with the all the necessary skills to formulate a research question, identify and test an hypothesis, write a research protocol for a project based on their professional practice and write an application for ethics approval for the project. This module is an introduction to and must be completed before undertaking the Master’s Stage dissertation).

The module will be delivered over two separate weekends (Friday-Saturday)

Week-end 1 (Friday and Saturday) in the Autumn term

10.2 The principles of research methodology and methods.
10.3 Developing a research protocol
10.4 Research ethics application

Week-end 2 (Saturday) approx 8 weeks later

- Peer review reflection on proposed research protocols and ethics approval applications

14. Indicative Reading List:

- Faculty of General Dental Practice (UK) (2007). Research Competencies Framework.
- Eaton, K. et al. 2010-2012. Nine part series introduction to research skills for Primary Dental Care clinicians. Primary Dental Care 17,18,19: various page numbers.
15. Learning and Teaching Methods, including the nature and number of contact hours and the total study hours which will be expected of students, and how these relate to achievement of the intended module learning outcomes

The module includes at Preparation Package which takes approximately 30 hours prior to the taught session. There are 23 contact teaching hours plus a one hour tutorial. The remaining learning will be achieved through a blend of self-study, practice based learning and assessment.

Teaching will primarily be delivered in the forms of tutor and peer led discussion and study sessions. Both tutors with specialist expertise, research experience and those actively working in the dental sector will deliver the theoretical input. An approximate division of the 200 hrs of learning are listed below:

<table>
<thead>
<tr>
<th>Learning Outcomes</th>
<th>Preparation Package</th>
<th>Lectures</th>
<th>Seminar</th>
<th>Tutorials</th>
<th>Practice Based Placement</th>
<th>Assessment</th>
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<tbody>
<tr>
<td>11i</td>
<td>X</td>
<td>X</td>
<td>X</td>
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<td><strong>Approximate Number of Hours</strong></td>
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<td><strong>12</strong></td>
<td><strong>11</strong></td>
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<td><strong>86</strong></td>
<td><strong>60</strong></td>
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</table>
16. Assessment methods and how these relate to testing achievement of the intended module learning outcomes

All module learning outcomes will be tested through two separate elements outlined below. An overall pass must be achieved in order to successfully complete the module.

<table>
<thead>
<tr>
<th>MLO</th>
<th>Assessment Methods</th>
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<tbody>
<tr>
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<td>Written project protocol proposal 3000 words</td>
<td>75%</td>
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<td>An ethics approval submission equivalent to approximately 1000 words.</td>
<td>25%</td>
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</tbody>
</table>

17. Implications for learning resources, including staff, library, IT and space

As a validated programme this module does not have implications on resourcing – other than in the matters of administration and Quality Assurance; through the CPP Graduate Studies Committee and attendance at the Board of Examiners. As part of a validated programme, this module will be delivered by specialists within the dental sector from HEKSS Dental. All learning and teaching will take place within appropriate HEKSS facilities, postgraduate centres or dental practice settings.

18. The School/Collaborative Partner (delete as applicable) recognises and has embedded the expectations of current disability equality legislation, and supports students with a declared disability or special educational need in its teaching. Within this module we will make reasonable adjustments wherever necessary, including additional or substitute materials, teaching modes or assessment methods for students who have declared and discussed their learning support needs. Arrangements for students with declared disabilities will be made on an individual basis, in consultation with the University’s/Collaborative Partner’s (delete as applicable) disability/dyslexia support service, and specialist support will be provided where needed.

19. Campus(es) where module will be delivered: HEKSS Facilities

If the module is part of a programme in a Partner College or Validated Institution, please complete the following:

20. Partner College/Validated Institution: Health Education England Kent Surrey and Sussex (HEKSS)

21. University School responsible for the programme: Centre for Professional Practice
UNIVERSITY OF KENT

SECTION 2: MODULE IS PART OF A PROGRAMME OF STUDY IN A UNIVERSITY SCHOOL

Statement by the School Director of Learning and Teaching/School Director of Graduate Studies (as appropriate): "I confirm I have been consulted on the above module proposal and have given advice on the correct procedures and required content of module proposals"

............................................
Director of Learning and Teaching/Deputy Director of Graduate Studies (delete as applicable)  

............................................
Date

............................................
Print Name

Statement by the Head of School: "I confirm that the School has approved the introduction of the module and, where the module is proposed by School staff, will be responsible for its resourcing"

............................................
Head of School  

............................................
Date

............................................
Print Name

SECTION 3: MODULE IS PART OF A PROGRAMME IN A PARTNER COLLEGE OR VALIDATED INSTITUTION

(Where the module is proposed by a Partner College/Validated Institution)

Statement by the Nominated Officer of the College/Validated Institution (delete as applicable): "I confirm that the College/Validated Institution (delete as applicable) has approved the introduction of the module and will be responsible for its resourcing"

............................................
Nominated Responsible Officer of Partner College/Validated Institution  

............................................
Date

............................................
Print Name

............................................
Post

............................................
Partner College/Validated Institution

Module Specification Template
Last updated February 2013