

## Mapping Centre for Bioscience activities to the UK Professional Standards Framework

We have mapped Centre for Bioscience activities against the UK Professional Standards Framework in order to:

- Assist individuals wishing to be recognised by the Higher Education Academy's Professional Recognition Scheme by following the individual route;
- contribute to an individual's personal development portfolio planning and management; and
- enable institutions to quickly see how Centre activities complement their own staff development programmes, in particular learning and teaching certificates.

The activities mapped are not a definitive list and there may be other ways to be involved with the Centre that could map against the Professional Standards Framework, for example being a Centre for Bioscience Rep, using resources such as the New Lecturers Folder or reviewing a paper for the Bioscience Education e-Journal.

The professional standards have three categories: areas of activity, core knowledge and professional values. The requirements within each category are:

### Areas of Activity:

1. Design and planning of learning activities and/or programmes of study
2. Teaching and/or supporting student learning
3. Assessment and giving feedback to learners
4. Developing effective environments and student support and guidance systems
5. Integration of scholarship, research and professional activities with teaching and supporting learning
6. Evaluation of practice and continuing professional development

### Core Knowledge:

1. The subject material
2. Appropriate methods for teaching and learning in the subject area and at the level of the academic programme
3. How students learn, both generally and in the subject
4. The use of appropriate learning technologies
5. Methods for evaluating the effectiveness of teaching
6. The implications of quality assurance and enhancement for professional practice

### Professional Values:

1. Respect for individual learners
2. Commitment to incorporating the process and outcomes of relevant research scholarship and/or professional practice
3. Commitment to development of learning communities
4. Commitment to encouraging participation in higher education, acknowledging diversity and promoting equality of opportunity
5. Commitment to continuing professional development and evaluation of practice

For more information on the UK Professional Standards Framework see:  
[www.universitiesuk.ac.uk/mediareleases/downloads/standardsreport.pdf](http://www.universitiesuk.ac.uk/mediareleases/downloads/standardsreport.pdf)

## Mapping Centre for Bioscience activities

Type of Activity	Areas of Activity						Core Knowledge						Professional Values					Description
	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	
Attending Continuing Professional Development Events	?	?	?	?	?	✓	✓	✓	✓	✓	✓	✓	?	?	✓	?	✓	<p>By attending a centre run event you will fulfil two or more of the areas of activity depending on the nature of the course. For example by attending an event titled 'Effective feedback to students' you would cover area of activity 3. However, by attending a course on 'Getting Started in Educational Research in the Sciences' you would cover area of activity 5. All courses will cover area of activity 6.</p> <p>By attending an event you will be presented with core knowledge which should increase your understanding of each of the six areas of core knowledge.</p> <p>At events appropriate professional values will be clearly articulated both formally and informally and delegates will also have the opportunity to examine their own value system and to develop it in line with good practise. Attending an event clearly demonstrates professional values 3 and 5, and may well cover professional values 1, 2 and 4 depending on the event attended and the interaction that takes places.</p>
Publishing in Bioscience Education e-Journal					✓	✓	✓	?	?	?	?	?		✓	✓		✓	<p>By publishing an article in Bioscience Education e-Journal you will have covered area of activity 5 and 6. You may also have covered other areas of activity depending on the nature of the publication.</p> <p>Core knowledge of the subject material (1) will be demonstrated by publishing in Bioscience Education e-Journal. Other core knowledge areas may be covered depending on the article published.</p> <p>By publishing you will show professional values 2, 3 and 5.</p>
Publishing in the Centre Bulletin					✓			?	?	?	?	?		✓	✓			<p>By publishing in the Centre Bulletin you will have covered area of activity 5, Integration of Scholarship, research and professional activities with teaching supporting learning. You may also have covered other areas of activity depending on the nature of the article.</p> <p>Core knowledge will be demonstrated by publishing in Centre Bulletin; which areas will depend on the article published.</p> <p>By publishing in the Bulletin you show commitment to professional values 2 and 3.</p>
Being awarded and completing a Teaching Development/ Mini Project Grant	✓	✓	?	?	✓	✓	✓	✓	✓	✓	✓	✓	?	✓	?	?	✓	<p>By being awarded a Teaching Development Grant and completing your project you are likely to cover areas of activity 1, 2, 5, and 6 and may also cover 3 and 4 depending on the project.</p> <p>You are likely to cover all areas of core knowledge and professional values 2 and 5. Depending on the project professional values 1, 3, and 4 may also be covered.</p>

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	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	
Being awarded and completing a Departmental Teaching Enhancement Grant	✓	✓	?	?	✓	✓	✓	✓	✓	✓	✓	✓	?	✓	?	?	✓	By being awarded a Teaching Development Grant and completing your project you are likely to cover areas of activity 1, 2, 5, and 6 and may also cover 3 and 4 depending on the project.  You are likely to cover all areas of core knowledge and professional values 2 and 5. Depending on the project professional values 1, 3, and 4 may also be covered.
Preparing and submitting a Case Study for the Centre for Bioscience	?	?	?	?	?	✓	✓	?	?	?	✓	?	?	✓	?	?	✓	By preparing a case study you will have covered area of activity 6, evaluation of practice and continuing professional development. It is likely you will have also covered areas of activity 1, 2 and 5, and may cover areas of activity 3 and 4.  You will have covered core knowledge area 1 and 5. You may also cover all the other core knowledge areas depending on the case study.  You will have shown commitment to professional values 2 and 5. You may also show respect for individual learners (professional values 1).
Using an Audit	✓			?		✓		?	?	✓					✓	?		By using an audit produced by the Centre for Bioscience (available at <a href="http://www.bioscience.heacademy.ac.uk/resources/audit.aspx">www.bioscience.heacademy.ac.uk/resources/audit.aspx</a> ) you will cover the design and planning of learning activities and/or programmes of support (area of activity 1) and the evaluation of practice and continuing professional development (area of activity 6). You may also cover area of activity 4 depending on the audit used.  By following an audit it provides you with knowledge of methods for evaluating the effectiveness of teaching (core knowledge 5). Depending on the audit it may also increase your knowledge of appropriate methods for teaching and learning in the subject area and at the level of academic programme (core knowledge 2) and the use of appropriate learning technologies (core knowledge 4).  Commitment to incorporating the process and outcomes of relevant research, scholarship and/professional practice will be shown by following an audit (professional values 3), depending on the audit you may also cover professional value 4.
Being an active part of a Centre supported Network						✓		?							✓		✓	Being an active part of a network you will cover area of activity 6.  The core knowledge area you cover will depend on the network you are involved with.  Being part of a network shows a commitment to professional values 3 and 5.

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	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5			
Using the Enquiries service	?				?	?								?	?					The area of activity covered by using the Centre's enquiry service is likely to be designing and planning of learning activities and/or programmes of study (1), integration of Scholarship, research and professional activities with teaching supporting learning (5) or Evaluation of practice and continuing professional development (6) depending on the nature of the enquiry.  By using the enquiry service you may gain core knowledge depending on the nature of the enquiry.  You may show a commitment to development of learning communities (professional values 3) and/or commitment to incorporating the process and outcomes of relevant research, scholarship and/or professional practices by using the enquiry service, depending on the nature of the enquiry (professional values 2).
Contributing to the Centre's Wikis						✓									✓		✓			By contributing to the Centre's wikis you will be taking part in area of activity 6.  Core knowledge demonstrated would depend on the topic of the wiki.  By writing a wiki you would be showing commitment to continuing professional development and evaluation of practice (professional values 5) and a commitment to development of learning communities (professional values 3).
Writing a Blog		?				✓									✓					By writing a blog you will be taking part in area of activity 6 and depending on the nature of the blog you may be taking part in area of activity 2.  Core knowledge demonstrated would depend on the topic of the blog.  By writing a blog you would be showing commitment to development of learning communities (professional values 3).

✓ - Undertaking this activity will allow you to demonstrate compliance.  
 ? - The activity may be relevant to the criteria.

For more details on professional recognition see our website [www.bioscience.heacademy.ac.uk/funding/recognition](http://www.bioscience.heacademy.ac.uk/funding/recognition) or contact the Centre - telephone 0113 343 3001 or email [heabioscience@leeds.ac.uk](mailto:heabioscience@leeds.ac.uk)