

Widget User Guide

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What is it?

The KIS widget is a small web application that can be embedded within a web page and will display statistics from the KIS data set for a course. When a user clicks on the widget it will take them to the Unistats website to obtain further information about the course.

What does it look like?

To allow for more flexibility in where the widget can be placed on a web page it can be displayed as either vertical or horizontal and in two sizes; large or small:

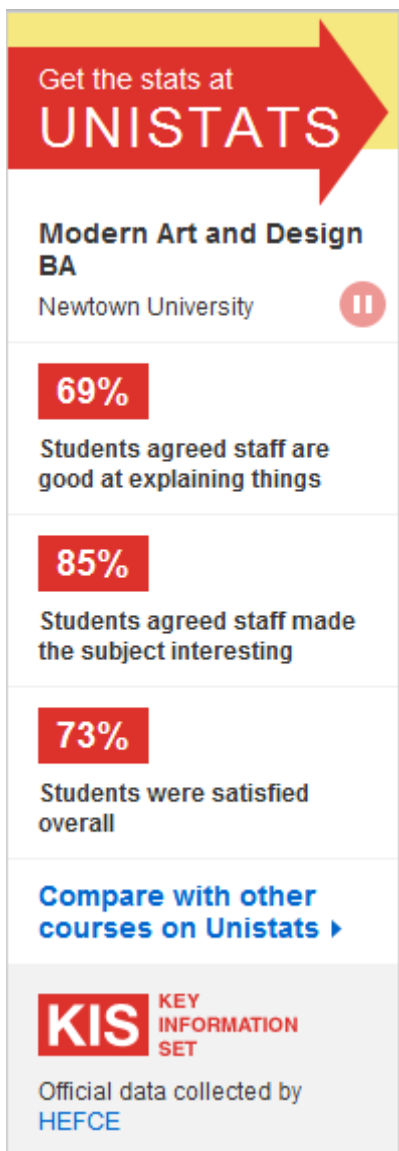


Fig 1. Vertical widget (Large)

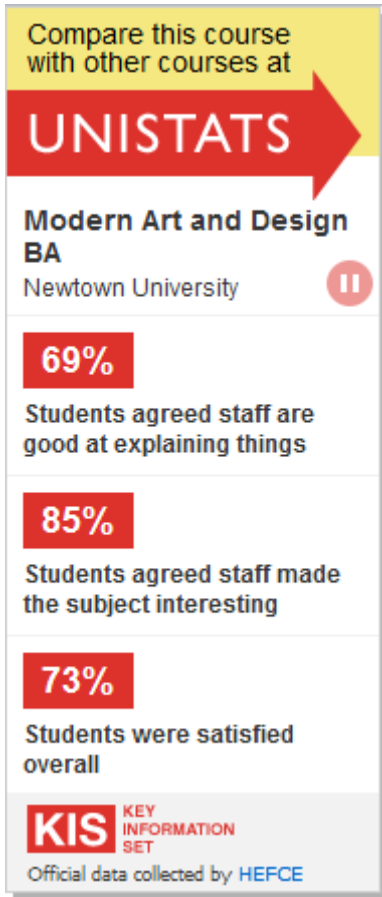


Fig 2. Vertical widget (Small)

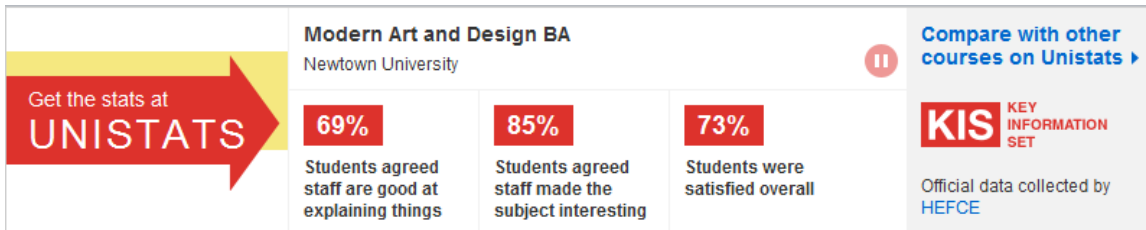


Fig 3. Horizontal widget (Large)

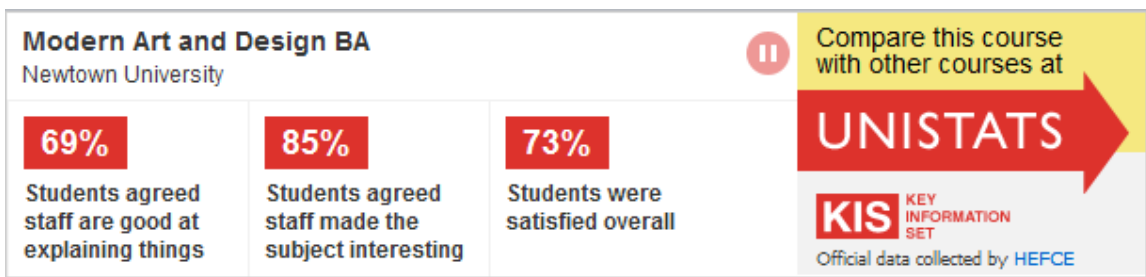


Fig 4. Horizontal widget (Small)

How does it work?

The widget can be added to a web page by including a small HTML snippet, the widget will do the rest of the work! See [Embedding the Widget](#) below to find out how.

Embedding the Widget

Step 1 - Choose how you would like to embed the widget in a web page

There are two ways that the widget can be embedded into a web page; using the HTML 5 Snippet or an HTML iFrame.

- HTML 5 Snippet; You would choose this method of embedding if the site displaying the widget will be targeting browsers supporting HTML5 (<http://www.w3.org/TR/html5/>)
- HTML iFrame; You would choose this method of embedding if the site displaying the widget will NOT be targeting browsers supporting HTML5 (<http://www.w3.org/TR/html5/>) or if you require more control over the display of the widget container.

Step 2 - Add the widget snippet to the web page

Depending on your selection from Step 1 you will use a different HTML snippet

HTML 5 Snippet

The following JavaScript must be added to the web page hosting the widget:

```
<script>
  (function (d) {
    "use strict";
    var widgetScript = d.createElement('script');
    widgetScript.id = 'unistats-widget-script';
    widgetScript.src = '//<WidgetUrl>/js/unistats.widget.js';
    var scriptTags = d.getElementsByTagName('script')[0];

    if (d.getElementById('unistats-widget-script')) { return; }

    scriptTags.parentNode.insertBefore(widgetScript, scriptTags);
  } (document));
</script>
```

This JavaScript snippet should be placed at the bottom of the page, above the closing 'body' tag of the hosting page.



Note: If you are not testing this using a web page hosted on a web server (e.g. you are using an HTML file on your file system) then you will need to change the '//<WidgetUrl>/js/unistats.widget.js' above to 'http://<WidgetUrl>/js/unistats.widget.js'.

The widget itself can then be embedded in the web page with the following snippet:

```
<div class="kis-widget"
  data-institution="<UKPRN>"
  data-course="<KISCOURSEID>"
  data-orientation="<ORIENTATION>"
  data-size="<SIZE>"
  data-language="<LANGUAGE>"></div>
```

HTML iFrame snippet

Unlike the HTML 5 snippet there are two types of HTML snippet when embedding the widget using an iFrame; one for vertical display and one for horizontal display. Each of these types also has either a 'Large' or a 'Small' size.

Vertical Display (Large)

```
<iframe id="unistats-widget-frame"
  title="Unistats KIS Widget"
  src="http://<WidgetUrl>/Widget/<UKPRN>/<KISCOURSEID>/<ORIENTATION>/<SIZE>/<LANGUAGE>"
  scrolling="no"
  style="overflow: hidden; border: 0px none transparent; width: 200px; height: 575px;">
</iframe>
```

Vertical Display (Small)

```
<iframe id="unistats-widget-frame"
  title="Unistats KIS Widget"
  src="http://<WidgetUrl>/Widget/<UKPRN>/<KISCOURSEID>/<ORIENTATION>/<SIZE>/<LANGUAGE>"
  scrolling="no"
  style="overflow: hidden; border: 0px none transparent; width: 190px; height: 500px;">
</iframe>
```

Horizontal Display (Large)

```
<iframe id="unistats-widget-frame"
  title="Unistats KIS Widget"
  src="http://<WidgetUrl>/Widget/<UKPRN>/<KISCOURSEID>/<ORIENTATION>/<SIZE>/<LANGUAGE>"
  scrolling="no"
  style="overflow: hidden; border: 0px none transparent; width: 800px; height: 160px;">
</iframe>
```

Horizontal Display (Small)

```
<iframe id="unistats-widget-frame"
  title="Unistats KIS Widget"
  src="http://<WidgetUrl>/Widget/<UKPRN>/<KISCOURSEID>/<ORIENTATION>/<SIZE>/<LANGUAGE>"
  scrolling="no"
  style="overflow: hidden; border: 0px none transparent; width: 615px; height: 150px;">
</iframe>
```

Step 3 - Configure the widget parameters

The <WidgetUrl> parameter should be replaced with the URL of either the Prototype KIS Widget website or the Live KIS Widget website.

- Prototype <WidgetUrl> - 'stg.unistats.eduserv.org.uk'
- Live <WidgetUrl> - 'widget.unistats.ac.uk'

There are 4 mandatory parameters that must be completed in order for the widget to populate itself with the data for a particular course:

- <UKPRN> Replace this with the UKPRN id for the institution providing the course
- <KISCOURSEID> Replace this with the KIS Course id for the course
- <ORIENTATION> Replace this with either 'horizontal' or 'vertical' (without the single quotes), the default is vertical if not specified.

- <SIZE> Replace this with either 'small' or 'large' (without the single quotes), the default is large if not specified.



If your KIS Course Id contains any of the following characters: '/', '|', ':', '&', ':', '>', '+', '#', ';', '?', '@' and '=' then you will need to replace these characters in your KIS Course Id with an underscore '_' when configuring the widget. For example, if your KIS Course Id is ABCD/34 then the KIS Course Id used for the widget will need to be ABCD_34

There is also 1 optional parameter:

- <LANGUAGE> Replace this with either 'en-GB' for English or 'cy-GB' for Welsh (without the single quotes), the default is 'en-GB' if not specified.

The language parameter is used if you wish to force the widget to use a particular language. If it is not supplied then the language will be determined from the browser settings of the user viewing the web page hosting the widget, defaulting to 'en-GB' if the browser settings are neither 'en-GB' or 'cy-GB'.

Step 4 - Examples

In the scenario where you want to use the widget prototype site, your institution UKPRN is **12345678** and you are adding the widget for a course with a KIS course id of **ABC123**.

You want to configure the widget to appear horizontally and use the smaller size. You also want to force the widget to display in English.

HTML 5 snippet

This is the required JavaScript.

```
<script>
(function (d) {
  "use strict";
  var widgetScript = d.createElement('script');
  widgetScript.id = 'unistats-widget-script';
  widgetScript.src = '//stg.unistats.eduserv.org.uk/js/unistats.widget.js';
var scriptTags = d.getElementsByTagName('script')[0];

  if (d.getElementById('unistats-widget-script')) { return; }

  scriptTags.parentNode.insertBefore(widgetScript, scriptTags);
} (document));
</script>
```

This is the required HTML.

```
<div class="kis-widget"
  data-institution="12345678"
  data-course="ABC123"
  data-orientation="horizontal"
  data-size="small"
  data-language="en-GB"></div>
```

iFrame snippet

This is an example of the iFrame snippet

```
<iframe id="unistats-widget-frame"  
  title="Unistats KIS Widget"  
  src="http://stg.unistats.eduserv.org.uk/Widget/12345678/ABC123/Horizontal/Small/en-GB"  
  scrolling="no"  
  style="overflow: hidden; border: 0px none transparent; width: 615px; height: 150px;">  
</iframe>
```