

## Summary of Earth and Environmental Science HSC examination specifications and assessment requirements from 2010

In December 2008, the Board of Studies approved changes to the examination specifications and assessment requirements for a number of courses. These changes will be implemented for the 2010 HSC cohort. Details of the Board's decisions are available on the Board's website at <http://www.boardofstudies.nsw.edu.au/>

The HSC examination specifications and assessment requirements for Earth and Environmental Science are outlined below.

### **Outline of HSC examination specifications**

A written examination of three hours plus 5 minutes reading time.

<b>Section/Part</b>	<b>Marks</b>
<i>Section I Part A</i> <ul style="list-style-type: none"><li>• Objective response questions</li></ul>	20
<i>Section I Part B</i> <ul style="list-style-type: none"><li>• Short-answer questions</li></ul>	55
<i>Section II (Options)</i> <ul style="list-style-type: none"><li>• There is one question on each Option. Each question will consist of short-answer parts</li><li>• Students answer the question on the Option they have studied</li></ul>	25
	<b>100</b>

### Changes from current examination specifications

In Section I, the mark value of the objective response items is increased from 15 marks to 20 marks and the mark value of the short-answer questions is decreased from 60 marks to 55 marks.

### **Outline of internal assessment requirements**

There will be three to five assessment tasks comprising the following components and weightings.

<b>Component</b>	<b>Weighting</b>
Knowledge and understanding of: <ul style="list-style-type: none"> <li>• the history, nature, and practice of earth and environmental science, applications and uses of earth and environmental science and their implications for society and the environment, and current issues, research and developments in earth and environmental science</li> <li>• resources of Earth, the abiotic features of the environment, models to explain structures and processes of change, Australian resources and biotic impacts on the environment</li> </ul>	40
Skills in planning and conducting first-hand investigations, gathering and processing first-hand data, gathering and processing relevant information from secondary sources	30
Skills in: <ul style="list-style-type: none"> <li>• communicating information and understanding</li> <li>• developing scientific thinking and problem-solving techniques</li> <li>• working individually and in teams</li> </ul>	30
	<b>100</b>