

- AS90462 and AS90463 – minor amendments have been made to the explanatory notes.
- AS90464 – minor amendments have been made to the wording of the achievement criteria and the explanatory notes to improve their fitness for purpose without changing the standard.

Internally assessed achievement standards 90458 and 90483, which are a Category C review, will expire in December 2005.

Impact on existing provider accreditations

None.

Impact on Accreditation and Moderation Action Plan (AMAP)

AMAP 0226 was updated to reflect the deletion of achievement standards AS90458 and AS90483, and the addition of the new achievement standard AS90769.

Impact on existing qualifications

None.

Impact of changes on [NCEA Exclusions List](#)

None.

Summary of main changes to achievement standards' Ids, classification, titles, levels, and credits

The following summary shows the changes made to the achievement standards as a result of the review. All changes are in **bold**.

Key to review category

- A** Dates changed, but no other changes are made - the replacement achievement standard carries the same Id and a new version number
- B** Changes made, but the overall outcome remains the same - the replacement achievement standard carries the same Id and a new version number
- C** Major changes that necessitate the registration of a replacement achievement standard with a new Id
- D** Achievement standard will expire and not be replaced

Subfield Science
Domain Biology

| Id | Title | Level | Credit | Review Category |
|--------------|---|--------------|---------------|------------------------|
| 90457 | Carry out a practical biological investigation with supervision | 2 | 3 | B |
| 90458 | Research an applied biology technique | 2 | 2 | C |
| 90483 | Describe the impact of human activities on an ecosystem | 2 | 2 | C |
| 90769 | Research the interaction between humans and an aspect of biology | 2 | 3 | |

| Id | Title | Level | Credit | Review Category |
|-------|---|-------|--------|-----------------|
| 90459 | Describe concepts and processes that relate to genetic variation and change Describe genetic variation and change | 2 | 3 | B |
| 90460 | Investigate an interrelationship or pattern in a population or community Investigate an interrelationship or pattern in an ecological population or community | 2 | 3 | B |
| 90461 | Describe concepts and processes relating to ecology | 2 | 2 3 | B |
| 90462 | Describe diversity in the structure and function of animals | 2 | 3 | B |
| 90463 | Describe diversity in the structure and function of plants | 2 | 3 | B |
| 90464 | Describe cell structure and function | 2 | 3 | B |