CHE Improvement response: Bachelor of Science Honours in Physics Education (98914)

* ***STE4802 History and Philosophy of Science is listed as a compulsory module, but is also listed as ‘Removed’. Presumably this is incorrect.***

| **Programme design details** | | | | | | |
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| **Modules for year 4** | | | | | | |
| Module | NQF level | Credits | Year level | Compulsory | Electives | Module status: Removed / Added / Modified / Unchanged |
| NUCLEAR PHYSICS **(PHY4807)** | Level 8 | 12 | 4 | No | Yes | Modified |
| ADVANCED SOLID STATE PHYSICS **(PHY4806)** | Level 8 | 12 | 4 | No | Yes | Modified |
| STATISTICAL PHYSICS **(PHY4805)** | Level 8 | 12 | 4 | No | Yes | Modified |
| ADVANCED MATHEMATICAL METHODS **(PHY4801)** | Level 8 | 12 | 4 | No | Yes | Modified |
| ELECTROMAGNETISM **(PHY4802)** | Level 8 | 12 | 4 | No | Yes | Modified |
| CONTEMPORARY THEORIES OF LEARNING AND IMPLICATIONS FOR TEACHING **(STE4801)** | Level 8 | 12 | 4 | Yes | No | Unchanged |
| RESEARCH METHODS IN MATHEMATICS, SCIENCE AND TECHNOLOGY EDUCATION **(STE4803)** | Level 8 | 12 | 4 | Yes | No | Unchanged |
| CONTRIBUTIONS FROM COGNITIVE SCIENCE TO TEACHING AND LEARNING **(STE4804)** | Level 8 | 12 | 4 | Yes | No | Unchanged |
| HISTORY AND PHILOSOPHY OF SCIENCE **(STE4802)** | Level 8 | 12 | 4 | Yes | No | Removed |
| PROPOSAL FOR HONOURS IN MATHEMATICS, SCIENCE AND TECHNOLOGY EDUCATION **(HPSTE81)** | Level 8 | 12 | 4 | Yes | No | Unchanged |
| HONOURS REPORT IN ~~ASTRONOMY~~ PHYSICS EDUCATION **(HR~~MA~~PHS82)** | Level 8 | 24 | 4 | Yes | No | Unchanged |
|  | | | | | | |
|  | | | | **Total Compulsory Credits:** ~~84~~ 72 | **Total Elective Modules:** 5  (ELECT 4) |  |

* ***Research should be in the form of a discrete research component that is appropriate to the disciple or field of study.***

HPSTE81 (PROPOSAL FOR HONOURS IN MATHEMATICS, SCIENCE AND TECHNOLOGY EDUCATION; 12 credits) is a prerequisite for HRMCO82 (HONOURS REPORT IN COMPUTING EDUCATION; 24 credits). Together these constitute a coherent 36 credits of conducting and reporting research under supervision. The proposal and project stages are separated for ease of student progression.