**QUALIFICATION: BACHELOR OF SCIENCE HONOURS IN ENVIRONMENTAL MONITORING AND MODELLING - 98103**

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| **Qualification Title** | Bachelor of Science Honours in Environmental Monitoring and Modelling |
| **Qualification title abbreviation** | BScHons (Environmental Monitoring and Modelling) |
| **Mode of delivery** | Distance |
| **NQF Exit Level** | Level 8 |
| **Total credits** | 120 |
| **Minimum duration full** | 1 |
| **Minimum duration part** | 1 |
| **Qualification type** | Bachelor Honours degree |
| **Qualification designator** | Science |
| **CESM** | 14 Physical Sciences |
| **Professional class** | Non-Professional |
| **Research credits** | 36 |
| **Structured or with electives** | Electives |
| **Major field of study** | 140502 Cartography |
| **Minimum admission requirements** | An appropriate NQF 7 qualification from an accredited provider of higher education with a minimum of 60% average in the disciplines of Natural Sciences, Applied Sciences or Physical Sciences (or related fields) in the final year. |
| **Qualification reference number** | 98103 |
| **SAQA qualification ID** | 6085 |
| **Replacing which qualifications** | Honours Bachelor of Science (Environmental Monitoring and Modelling) (98103) |

**Defferal comments:**

This programme does not meet the HEQSF requirement of a discrete research component of at least 30 credits. Two separate modules cannot be combined to meet the HEQSF requirement.

**Institutions response:**

In taking the evaluator’s comments into consideration Unisa approached and received approval from the Executive Committee of Senate as well as the Management Committee of the university to revise the research component into a one 36 credit module which comprises of a proposal and a research project.

The outcomes of the merged module will require the students to develop a research proposal and undertake research which will be presented as a research project. The merged module will thus address the requirement of one module (36 credits) that has a discrete research component that is supervised.

The revised curriculum is presented for consideration.

**Programme design details**

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| **Modules** | **NQF Level** | **Credits** | **Year Level** | **Compulsory** | **Elective** | **Module status: Removed / Added / Modified / Unchanged** |
| HES4802 - Environmental Monitoring | Level 8 | 24 | 4 | Yes | No | Modified |
| HES4803 - Ecotoxicology | Level 8 | 24 | 4 | Yes | No | Modified |
| HES4806 - Environmental Remote Sensing and Modelling | Level 8 | 24 | 4 | Yes | No | Modified |
| HMENV80 - Research Methodology | Level 8 | 24 | 4 | Yes | No | Removed |
| HRENV82 - Environmental Research Project | Level 8 | 24 | 4 | Yes | No | Removed |
| HRENV83 - Environmental Research | Level 8 | 36 | 4 | Yes | No | Added |
| **Choose 1 from the following** | | | | | | |
| HES4801 - Earth Systems and Processes | Level 8 | 12 | 4 | No | Yes | Added |
| HES4808 - Environmental Risk Assessment and Management | Level 8 | 12 | 4 | No | Yes | Added |
| HES4809 - Integrated Environmental Management | Level 8 | 12 | 4 | No | Yes | Added |
| **Total Credits** |  |  |  | **Total Compulsory Credits: 108** | **Total Elective Credits: 12** |  |

**Module content for HRENV83 - Environmental Research**

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