



UWA Plus Micro-credentials

Critical Information Summary

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| Title and brief description | ENVTM512 Understanding Environmental DNA. Students will develop an understanding of environmental DNA with emphasis on understanding the entire process from sample collection through to reporting of findings. Students in this short course will be provided with materials to enhance their understanding of eDNA, what it is and the precautions required for data generated to be adequate. Practical applications in the field are also covered, as well as the limitations and pitfalls of the technique. |
| Certified learning | (1) demonstrate an understanding of the basics of environmental DNA, what it is and how we should use it; (2) critically evaluate targeted and community based eDNA techniques; (3) identify the advantages and limitations of eDNA with reference to field application how it can complement traditional methods; and (4) describe the theory of how to collect, preserve and analyse eDNA samples. |
| How learner participated | Online only |
| Effort required (indicative) | Total learning hours including contact hours, personal study and assessment: 50 |
| Main assessment task | Application of a skill to a complex problem |
| Indicative equivalent level | Postgraduate |
| Industry recognition | NA |
| Quality assurance | The quality of UWA Plus micro-credentials is assured through The University of Western Australia's standards and academic integrity processes. |
| Successful learner earns PD Points for conversion to: | 2 |
| . Admission to an award course | No |
| . Credit towards an award course | Yes |
| . If yes, how much credit? | Credit is less than one unit |