**UWA Plus Micro-credentials**

*Critical Information Summary*

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| Title and brief description | URBDM501 Sustainability and Cities - An Introduction<br><br>Recently the world's urban population reached 50 per cent of the world's total, and by 2050 this will likely increase to two thirds. While cities are hubs of innovation and culture, they also use over two-thirds of global energy and produce around 70% carbon emissions, as well as other forms of air pollution. Cities also use vast quantities of fresh water and materials which in turn creates solid, liquid wastes, airborne pollution, affecting human health and destroying natural systems. This foundation module (in a series of three) seeks to convey an advanced level of understanding of: the genesis of sustainable development; cities as complex systems; and the challenges facing humanity in general, and cities in particular. |
| Teaching staff | Adjunct Professor Bill Grace |
| Certified learning | (1) interpret the impact on urban theory of the body of literature related to environmental awareness and sustainable development;<br>(2) demonstrate an advanced appreciation of cities as complex urban systems; and<br>(3) demonstrate a critical awareness of the challenges of growth in a world constrained by climate change. |
| How learner participates | Online only |
| Effort required (indicative) | 50 hours |
| Main assessment task | Application of a skill to a complex problem |
| Supervision and identity verification | Unsupervised, no identity verification |
| Indicative equivalent level | Masters |
| Quality assurance | UWA |
| Successful learner earns PD Points for conversion to: | |
| • Admission to an award course | No |

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| • Credit towards an award course | Yes<br>Stackable with additional micro-credentials for advanced standing in a postgraduate course (6 PD Points required) |
| • If yes, how much credit? | Credit is less than one unit |