**Scuola di Dottorato del Politecnico di Bari**

**Ph.D. School**

# Green products and processes

# CFU: 3 (24 ore)

# SSD ING-IND 35, Ingegneria economico gestionale

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| Topic | Teaching method | Hours |
| Ecosystem and Economic system: environmental input-output analysis as a tool to measure flows between the two systems. | Lecture | 4 |
| Ecosystem and Economic system: environmental input-output analysis as a tool to measure flows between the two systems. | Numerical applications (MS Excel) | 4 |
| Sustainable development, sustainability reporting, and stakeholder theory. | Lecture | 4 |
| Multi-Attribute Group Decision Making (MAGDM) techniques as support for sustainability reporting. | Lecture and numerical applications | 4 |
| Materiality analysis for a business through MAGDM techniques. | Business case. | 4 |
| Life Cicle Assesment. | Lecture + Business case (SimaPro or other LCA SW) | 4 |