

## **DURBAN UNIVERSITY OF TECHNOLOGY**

### **Technology, Innovation and Partnerships**

The Durban University of Technology would like to recruit high calibre candidates at Master's and Doctoral Levels in order to enhance the research culture within the University and contribute to the human capital development. A limited number of Scholarships at R36 000 per annum for 2 years and R48 000 per annum for 3 years are available respectively. There is also a limited number of Postdoctoral Fellowships at R150 000 per annum for 2 years available.

#### **1. Master's and Doctoral Scholarships for 2012**

The scholarships provide a unique opportunity to promising candidates seeking career development. There is also potential for post-doctoral fellowships for high calibre candidates on successful completion of the Doctoral studies within the stipulated 3 year period.

1. Water and Wastewater Management
2. Biotechnology
3. Systems Science (Natural and Social Systems)
4. Nanotechnology
5. Information Technology
6. Management Accounting
7. Taxation
8. Membrane Technology
9. Plant Biomass Processing
10. Animal movement computer modelling
11. Optimization of gold or diamond mine operations
12. Transformation through Arts and Design (Masters only)
13. Language Practice
14. Artificial Intelligence
15. Composites
16. Management sciences
17. Small business
18. Marketing
19. Public Management and Public Relations
20. Entrepreneurship and Management
21. Economics
22. Thermodynamic Properties of Ionic Liquids
23. Simulating and Modeling in water Management

#### **2. Post-Doctoral Fellowships for 2012**

In addition the University would like to recruit post-doctoral fellows for a 2 year period starting in 2012 at a cost of R150 000 per candidate per annum.

As a post-doctoral fellow you will be required to produce at least 1.5 Units from accredited journal articles during the duration of the contract.

1. Water and Wastewater Management
2. Biotechnology
3. Systems Science (Natural and Social Systems)
4. Nanotechnology
5. Plant Biomass Processing
6. Optimisation
7. Thermodynamic Properties of Ionic Liquids
8. Systems Science (Natural and Social Systems)
9. Simulating and Modeling in water Management