



# 7. Natural Sciences (Biotechnological studies)

## INVITATION: Reading Group

1. Marine Studies, 2. Aviation and Aeronautical Studies, 3. Automotive, 4. Energy, 5. Space Study and Square Kilometer Array, 6. Fourth Industrial Revolution and Digitalisation, 7. **Natural Sciences (Biotechnological studies)**, 8. Health Studies/Medicine, 9. Feminist, Womanist, Bosadi Theorisations, 10. Student Support and Co-Curricular Activities.



## Working Group Session

The College of Graduate Studies invites you to a CGS-facilitated Catalytic Niche Area Working Group on Natural Sciences/ Biotechnological Studies. This session will be in the format of a virtual reading group. Attendees are encouraged to read the suggested texts before the session to benefit from it optimally. The readings have been selected to be accessible to readers from all disciplines and the discussion will focus on teasing out the potential for multidisciplinary engagement with the niche area. This session will thus be ideal for attendees who are still wondering about possible entryways into catalytic niche area research, as well as those who are seeking to broaden their own conceptualisations of the catalytic niche areas. The readings can be accessed online, or via the UNISA library e-publication finder.

### Readings:

Aguilara, A. and Patermann, C. (2020). "Biodiplomacy, the New Frontier for Bioeconomy" in *New Biotechnology*, 59: 20-25.  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7363614/>

Komen, J. et al. (2020). "Biosafety Regulatory Reviews and Leeway to Operate: Case Studies From Sub-Sahara Africa" in *Frontiers in Plant Science*, 11: 1-13.  
<https://www.frontiersin.org/journals/plant-science/articles/10.3389/fpls.2020.00130/full>

Martin, D. K., et al. (2021). "A Brief Overview of Global Biotechnology" in *Biotechnology & Biotechnological Equipment*, 35 (1): 5-14.  
<https://www.tandfonline.com/doi/full/10.1080/13102818.2021.1878933>

If you struggle with accessing the readings, please contact **Prof Murray** at [murraj@unisa.ac.za](mailto:murraj@unisa.ac.za) before the session.

**Monday, 11 March 2024**  
**14:00 – 15:30**

**Join the Session on MS Teams**  
<http://tinyurl.com/522hmxkc>

**FACILITATOR:**  
Prof Jessica Murray



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