Teaching biosecurity: primers, curricula and case studies

Starter · A few weeks · Free · Project idea

Online version: https://ai-safety-sandbox.vercel.app/projects/biosecurity-teaching-ideas/

Summary

Write the primers, problem sheets, curricula and case-study collections that would help the next wave of people get into biosecurity.

Why it matters

The field is small and growing; good teaching materials are a multiplier.

What you will have at the end

A primer, curriculum, module or case-study collection.

Ideas to choose from

- A wiki for all of biosecurity
- Book reviews and recommendations
- Physics primers and example sheets for students and built-environment professionals
- Curricula for different education levels
- Interactive training modules
- Case-study collections

How to start (tick each box as you go)

- [ ] **1. Read the list of ideas above and pick the one you would most enjoy.**
- [ ] **2. Check the source to see whether someone has already done it.**
- [ ] **3. Scope it down to something you can finish in your available time.**
- [ ] **4. Do a quick first version and show it to someone.**
- [ ] **5. Write up what you made and share it with the source authors.**

Source and links

Hatta & Bazarragchaa — A hundred project ideas in biosecurity (2025)
https://casualphysicsenjoyer.com/Essays+in+progress/Biosecurity/A+hundred+project+ideas+in+Biosecurity

When you have finished

Write a few paragraphs on what you did, what you found and what you would try next, and share it with

a friend, your society or online.

Courses, mentors, small grants and communities:
https://ai-safety-sandbox.vercel.app/next-steps/

Questions? Ask in AI Safety Cardiff University (AISCU): https://aiscu.org/

Notes