



BSc Engineering Common First Year curriculum

From 2019, students across all Engineering disciplines will do a common first year. The Common First Year curriculum will consist of 10 courses, nine compulsory and one elective.

Nine compulsory courses across all disciplines:

- Engineering Chemistry
- Introduction to the Engineering Profession
- Engineering Analysis and Design 1A
- Engineering Analysis and Design 1B
- Engineering Mathematics 1A
- Engineering Mathematics 1B
- Engineering Physics 1A
- Engineering Physics 1B
- Applied Physics

One elective course – choose from:

- Introduction to Political Studies
- Sociology & the Rise of Industrial Capitalism I
- Introduction to Sociology B - SA & Globalisation I
- The international Relations of South Africa & Africa