

Questionnaire (version of October 2023)

Natural-Science Disarmament Courses

Course Description

Time when course was/is given (years)	In the present form since 2020
Lecturer(s)	Franco Dinelli
Institution (department, university)	University of Pisa, Department of Political Sciences
Course Title	Controllo degli armamenti e disarmo - Control of armaments and disarmament
Type (lecture, seminar ...)	Lecture
Language(s)	Italian (English occasionally)
Time (number of hours (45 or 60 minutes?) per week, no. of weeks, no. of days if block, how often per year)	4 x 45 minutes per week, 9 weeks total, once a year
Audience (students of which disciplines, interdisciplinarity)	Italians from Peace Studies and Erasmus students from other faculties
Credits given	6
- for what (oral/written exam ...)	Oral, based on a previously written essay
Status in department/university/field of study, obligatory or voluntary	Voluntary
Connection with other course(s)/integration in field of study	No
Additional activities/material (Model UN, visits, invited speakers, videos, ...)	Invited speakers: typically 3 or 4
Presentations/papers available, to whom	From the lecturer
Internet site of course	https://esami.unipi.it/programma.php?c=54992
Curriculum/list of units (add below or attach)	
Filled in by	Franco Dinelli
Date	May 1, 2024
Agreement to publish this	Yes

Units

- I. Introduction and purpose of the course
- II. General historical background: weapons, technology, and warfare
- III. Weapons production and sales
- IV. Arms sales: the case of Italy
- V. From the Manhattan Project to TPAN (TPNW)
- VI. From the old to the new Cold War and the BRICS

- VII. Chemical weapons, cluster bullets and anti-personnel mines
- VIII. Biological weapons and unconventional weapons
- IX. Cyber security
- X. Cyber warfare
- XII. Questions and clarifications on previous lectures
- XIII. Hard power: economics, sanctions, and embargoes
- XI. AI and armaments
- XIV. Soft power: culture, information, and information control
- XV. Legal warfare, information and psyops
- XVI. Supranational organizations: NATO and the Warsaw Pact
- XVII. UN and world governance.
- XVIII. Future: what disarmament and how to achieve it

Text books:

- o War and Technology: A Very Short Introduction, Alex Roland, Oxford*
- o I also suggest other books in English for specific topics*

The following texts are only available in Italian.

- o Diritto internazionale dei conflitti armati, N. Ronzitti, G. Giappichelli Editore, Torino, 2011 (tratteremo la Parte V: pp. 355-387).*
- o Guerra nucleare: il giorno prima, Manlio Dinucci, Zambon Editore.*
- o L'ABC del terrore, a cura di Giampiero Giacomello e Alessandro Pascolini, Vita e Pensiero, Milano, 2012*
- o Materiale vario scaricabile dalla rete, suggerito di volta in volta in preparazione delle lezioni.*