

Questionnaire (version of October 2023)

## Natural-Science Disarmament Courses

### Course Description

|   |   |
|---|---|
| Time when course was/is given (years)   | Summer term, 2018 - today   |
| Lecturer(s)   | Malte Göttsche  |
| Institution (department, university)  | Physics, RWTH Aachen University   |
| Course Title  | Approaches to Current Arms Control Challenges                                     |
| Type (lecture, seminar ...)   | Seminar   |
| Language(s)   | English   |
| Time (number of hours (45 or 60 minutes?) per week, no. of weeks, no. of days if block, how often per year) | 90 minutes per week, 12 weeks   |
| Audience (students of which disciplines, interdisciplinarity)   | Physics and Political Science   |
| Credits given   | 5 ECTS (physics), 10 ECTS (Political Science)                                     |
| - for what (oral/written exam ...)  | Oral presentation, Po.Sc. additionally term paper                                 |
| Status in department/university/ field of study, obligatory or voluntary                                    | Voluntary   |
| Connection with other course(s)/ integration in field of study  | Module in the M.Sc. Physics and M.Sc. Political Science curricula                 |
| Additional activities/material (Model UN, visits, invited speakers, videos, ...)                            | Includes one or two guest lectures (e.g. from the Bundeswehr Verification Centre) |
| Presentations/papers available, to whom   |   |
| Internet site of course   |   |
| Curriculum/list of units (add below or attach)  |   |
| Filled in by  | Malte Göttsche  |
| Date  | 23 October 2023   |
| Agreement to publish this   | yes   |

### Units

Different every year. Example from 2022:

1. Nuclear weapons and (in-)security
2. Arms race and arms control
3. Verification and confidence-building in arms control
4. The nuclear dimensions of the war in Ukraine
5. Arms control - chances and necessities after the Ukraine War
6. International nuclear governance
7. The verification regime of the IAEA: between politics and technology
8. Nuclear programs in the Middle East

9. Humanitarian consequences and nuclear disarmament
10. Preparing for the future: Verification of future arms control agreements
11. Security and nuclear weapons in North East Asia