

Przedmiot: **Mechanics of Structures**
1080-BUKBD-MSA-0404
Koordynatorzy: **dr hab. inż. Grzegorz Dzierżanowski**

Cykl: **rok akademicki 2023/2024 - sem. letni**
2024L
Data zatwierdzenia: **20.02.2024**

1. Przeznaczenie przedmiotu

Course on the Mechanics of Structures (MoS3 CES) is held during the second semester of the second cycle (M.Sc.) studies in the amount of:

lectures – 30 hours,
project – 15 hours.

2. Prowadzenie zajęć

Schedule of lectures and project meetings are set by the Dean.

Students may record sound and image only upon the consent of the lecturer (or project tutor). Should such consent be granted, the recorded materials may not be made publicly available.

3. Materiały do przedmiotu

Karnovsky I., Theory of arched structures. Strength, Stability, Vibration., Springer, 2013. (book available from the WUT Main Library in the electronic form)

Lewis W., Tension structures: Form and behaviour., Thomas Telford, 2003. (book available from the WUT Main Library)

4. Obecność na zajęciach

Required

5. Weryfikacja osiągnięcia efektów uczenia się

The deadline for submitting and defending the project is on 30.06.2024.

Grade for the project part of the course remain valid indefinitely.

The exam is open for all students who have obtained a pass grade (at least 3.0) the project part of the course.

The form of the exam is written.

The exam takes 90 minutes and includes 3 problems addressing theoretical aspects and calculational methods.

6. Pomoce dopuszczone do użycia podczas weryfikacji osiągnięcia efektów uczenia się

During the exam students may use their own lecture and tutorial notes made on paper.

During the exam students may use a calculator. The use of other electronic equipment is not allowed.

7. Zasady zaliczenia przedmiotu i wystawiania oceny końcowej

The overall grade for the course is assessed as an average of a project grade and an exam grade, with the result round to the nearest 0.5.

8. Termin i tryb ogłaszania ocen

Via USOS up to 3 days after the verification of learning outcome.

9. Zasady powtarzania zajęć z powodu niezaliczenia przedmiotu

Grade for the project part of the course remain valid indefinitely.

10. Inne