Julius-Maximilians-
UNIVERSITÄT
WÜRZBURG

# Annex SFB

# Studienfachbeschreibung (subject description, SFB) for Module studies (Bachelor) Aerospace Computer Science

Responsible: Faculty of Mathematics and Computer Science — Examination regulations version: 2021
Responsible: Institute of Computer Science — Examination regulations version: 2021

Abbreviations used:

Course types: **E** = field trip, **K** = colloquium, **O** = conversatorium, **P** = placement/lab course, **R** = project, **S** = seminar, **T** = tutorial, **Ü** = exercise, **V** = lecture

Term: **SS** = summer semester, **WS** = winter semester

Methods of grading: **NUM** = numerical grade, **B/NB** = (not) successfully completed

Regulations: **(L)ASPO** = general academic and examination regulations (for teaching-degree programmes), **FSB** = subject-specific provisions, **SFB** = list of modules

Other: **A** = thesis, **LV** = course(s), **PL** = assessment(s), **TN** = participants, **VL** = prerequisite(s)

Conventions for the modules in this SFB:

Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not creditable for bonus.

Information on assessment procedures:

Should there be the option to choose between several methods of assessment, the lecturer will agree with the module coordinator on the method of assessment to be used in the current semester by two weeks after the start of the course at the latest and will communicate this in the customary manner.

Should a module comprise more than one graded assessment, all assessments will be equally weighted, unless otherwise stated below.

Should the assessment comprise several individual assessments, successful completion of the module will require successful completion of all individual assessments.

In accordance with the general regulations governing the degree subject described in this module catalogue:

associated official publications (FSB (subject-specific provisions)/SFB (list of modules)):

**15-May-2019 (2019-36)**

**27-Jun-2019 (2019-41)**

**14-Nov-2019 (2019-52)**

**22-Jan-2020 (2020-13)**

**06-May-2020 (2020-39)**

**22-Jul-2020 (2020-57)**

**17-Dec-2020 (2020-110)**

**10-Mar-2021 (2021-17)**

**09-Jun-2021 (2021-58)**

**22-Dec-2021 (2021-85)**

**05-Jul-2022 (2022-52)**

**31-Jan-2023 (2022-86)**

**15-Jun-2023 (2023-58)**

**13-Dec-2023 (2023-107)**

**07-Aug-2024 (2024-82)**

**22-Jan-2025 (2025-1)**

**09-Jul-2025 (2025-75)**

This module handbook seeks to render, as accurately as possible, the data that is of statutory relevance according to the examination regulations of the degree subject. However, only the FSB (subject-specific provisions) and SFB (list of modules) in their officially published versions shall be legally binding. In the case of doubt, the provisions on, in particular, module assessments specified in the FSB/SFB shall prevail.

Every module will be described using the following form:

| Abbreviation | **Module title** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | ECTS | | Duration | (in semesters) | Method of grading | | Module level | | |
| | Courses | To be specified in the form X (y) with course type X abbreviated as specified above and number of weekly contact hours y | | | | | | | |
| | Method of assessment | | | | | | | | |
| | Only after successful completion of | if applicable | | | | | | | |
| | Other prerequisites | if applicable | | | | | | | |
| | Participants and allocation of places | if applicable | | | | | | | |
| | Additional information | if applicable | | | | | | | |
| | Referred to in LPO I | if applicable (examination regulations for teaching-degree programmes) | | | | | | | |

| Summer Term 2021 (0 ECTS credits) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10-I-LRLA-172-m01 | **Aerospace Laboratory** | | | | | | | |
| | ECTS | 6 | Duration | 1 semester | Method of grading | numerical grade | Modul level | undergraduate |
| | Courses | | V (2) + P (2) | | | | | |
| | Method of assessment | | Completion of approx. 6 practical exercises (approx. 4 hours each) | | | | | |
| 10-I-HMR-152-m01 | **Practical Measurement and Control System Engineering** | | | | | | | |
| | ECTS | 8 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | undergraduate |
| | Courses | | P (6) | | | | | |
| | Method of assessment | | project with presentation (approx. 15 minutes) and written elaboration (approx. 12 to 15 pages) | | | | | |
| 10-I-PLR-172-m01 | **Practical work Space Technology** | | | | | | | |
| | ECTS | 4 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | undergraduate |
| | Courses | | P (2) | | | | | |
| | Method of assessment | | report (5 to 10 pages) and presentation (approx. 15 minutes) on practical work | | | | | |
| **Winter Term 2021 (0 ECTS credits)** | | | | | | | | |
| 10-I-LRLA-172-m01 | **Aerospace Laboratory** | | | | | | | |
| | ECTS | 6 | Duration | 1 semester | Method of grading | numerical grade | Modul level | undergraduate |
| | Courses | | V (2) + P (2) | | | | | |
| | Method of assessment | | Completion of approx. 6 practical exercises (approx. 4 hours each) | | | | | |
| 10-I-HMR-152-m01 | **Practical Measurement and Control System Engineering** | | | | | | | |
| | ECTS | 8 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | undergraduate |
| | Courses | | P (6) | | | | | |
| | Method of assessment | | project with presentation (approx. 15 minutes) and written elaboration (approx. 12 to 15 pages) | | | | | |
| 10-I-PLR-172-m01 | **Practical work Space Technology** | | | | | | | |
| | ECTS | 4 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | undergraduate |
| | Courses | | P (2) | | | | | |
| | Method of assessment | | report (5 to 10 pages) and presentation (approx. 15 minutes) on practical work | | | | | |
| **Summer Term 2022 (0 ECTS credits)** | | | | | | | | |
| 10-I-LRLA-172-m01 | **Aerospace Laboratory** | | | | | | | |
| | ECTS | 6 | Duration | 1 semester | Method of grading | numerical grade | Modul level | undergraduate |
| | Courses | | V (2) + P (2) | | | | | |
| | Method of assessment | | Completion of approx. 6 practical exercises (approx. 4 hours each) | | | | | |
| 10-I-HMR-152-m01 | **Practical Measurement and Control System Engineering** | | | | | | | |
| | ECTS | 8 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | undergraduate |
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|---|---|---|---|---|---|---|---|---|
| 10-I-PLR-172-m01 | **Practical work Space Technology** | | | | | | | |
| | ECTS | 4 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | undergraduate |
| | Courses | | P (2) | | | | | |
| | Method of assessment | | report (5 to 10 pages) and presentation (approx. 15 minutes) on practical work | | | | | |
| **Winter Term 2022 (0 ECTS credits)** | | | | | | | | |
| 10-I-LRLA-172-m01 | **Aerospace Laboratory** | | | | | | | |
| | ECTS | 6 | Duration | 1 semester | Method of grading | numerical grade | Modul level | undergraduate |
| | Courses | | V (2) + P (2) | | | | | |
| | Method of assessment | | Completion of approx. 6 practical exercises (approx. 4 hours each) | | | | | |
| 10-I-HMR-152-m01 | **Practical Measurement and Control System Engineering** | | | | | | | |
| | ECTS | 8 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | undergraduate |
| | Courses | | P (6) | | | | | |
| | Method of assessment | | project with presentation (approx. 15 minutes) and written elaboration (approx. 12 to 15 pages) | | | | | |
| 10-I-PLR-172-m01 | **Practical work Space Technology** | | | | | | | |
| | ECTS | 4 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | undergraduate |
| | Courses | | P (2) | | | | | |
| | Method of assessment | | report (5 to 10 pages) and presentation (approx. 15 minutes) on practical work | | | | | |
| **Summer Term 2023 (0 ECTS credits)** | | | | | | | | |
| 10-I-HMR-152-m01 | **Practical Measurement and Control System Engineering** | | | | | | | |
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| | ECTS | 4 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | undergraduate |
| | Courses | | P (2) | | | | | |
| | Method of assessment | | report (5 to 10 pages) and presentation (approx. 15 minutes) on practical work | | | | | |
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| | ECTS | 4 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | undergraduate |
| | Courses | | P (2) | | | | | |
| | Method of assessment | | report (5 to 10 pages) and presentation (approx. 15 minutes) on practical work | | | | | |
| **Summer Term 2024 (0 ECTS credits)** | | | | | | | | |
| 10-I-LRLA-172-m01 | **Aerospace Laboratory** | | | | | | | |
| | ECTS | 6 | Duration | 1 semester | Method of grading | numerical grade | Modul level | undergraduate |
| | Courses | | V (2) + P (2) | | | | | |
| | Method of assessment | | Completion of approx. 6 practical exercises (approx. 4 hours each) | | | | | |
| 10-I-HMR-152-m01 | **Practical Measurement and Control System Engineering** | | | | | | | |
| | ECTS | 8 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | undergraduate |
| | Courses | | P (6) | | | | | |
| | Method of assessment | | project with presentation (approx. 15 minutes) and written elaboration (approx. 12 to 15 pages) | | | | | |
| 10-I-PLR-172-m01 | **Practical work Space Technology** | | | | | | | |
| | ECTS | 4 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | undergraduate |
| | Courses | | P (2) | | | | | |
| | Method of assessment | | report (5 to 10 pages) and presentation (approx. 15 minutes) on practical work | | | | | |
| **Winter Term 2024 (0 ECTS credits)** | | | | | | | | |
| 10-I-LRLA-172-m01 | **Aerospace Laboratory** | | | | | | | |
| | ECTS | 6 | Duration | 1 semester | Method of grading | numerical grade | Modul level | undergraduate |
| | Courses | | V (2) + P (2) | | | | | |
| | Method of assessment | | Completion of approx. 6 practical exercises (approx. 4 hours each) | | | | | |
| 10-I-HMR-152-m01 | **Practical Measurement and Control System Engineering** | | | | | | | |
| | ECTS | 8 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | undergraduate |
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| 10-I-PLR-172-m01 | **Practical work Space Technology** | | | | | | | |
| | ECTS | 4 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | undergraduate |
| | Courses | | P (2) | | | | | |
| | Method of assessment | | report (5 to 10 pages) and presentation (approx. 15 minutes) on practical work | | | | | |

| Summer Term 2025 (0 ECTS credits) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10-I-LRLA-172-m01 | **Aerospace Laboratory** | | | | | | | |
| | ECTS | 6 | Duration | 1 semester | Method of grading | numerical grade | Modul level | undergraduate |
| | Courses | | V (2) + P (2) | | | | | |
| | Method of assessment | | Completion of approx. 6 practical exercises (approx. 4 hours each) | | | | | |
| 10-I-HMR-152-m01 | **Practical Measurement and Control System Engineering** | | | | | | | |
| | ECTS | 8 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | undergraduate |
| | Courses | | P (6) | | | | | |
| | Method of assessment | | project with presentation (approx. 15 minutes) and written elaboration (approx. 12 to 15 pages) | | | | | |
| 10-I-PLR-172-m01 | **Practical work Space Technology** | | | | | | | |
| | ECTS | 4 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | undergraduate |
| | Courses | | P (2) | | | | | |
| | Method of assessment | | report (5 to 10 pages) and presentation (approx. 15 minutes) on practical work | | | | | |
| **Winter Term 2025 (0 ECTS credits)** | | | | | | | | |
| 10-I-LRLA-252-m01 | **Aerospace Laboratory** | | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level | undergraduate |
| | Courses | | V (2) + P (2) | | | | | |
| | Method of assessment | | Completion of approx. 6 practical exercises (approx. 4 hours each) | | | | | |
| 10-I-HMR-152-m01 | **Practical Measurement and Control System Engineering** | | | | | | | |
| | ECTS | 8 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | undergraduate |
| | Courses | | P (6) | | | | | |
| | Method of assessment | | project with presentation (approx. 15 minutes) and written elaboration (approx. 12 to 15 pages) | | | | | |
| 10-I-PLR-252-m01 | **Practical work Space Technology** | | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | undergraduate |
| | Courses | | P (2) | | | | | |
| | Method of assessment | | report (5 to 10 pages) and presentation (approx. 15 minutes) on practical work | | | | | |