

3. In der „Modul- und Prüfungsübersicht für Studierende der Allgemeinen Studienvariante Informatik (B.Sc.)“ (Anlage 2a) wird die Zeile 22 wie folgt neu gefasst und als Zeile 23 wird die folgende Zeile 31 neu eingefügt:

22	Artificial Intelligence	5	1	Written computer-based examination (90 minutes) VL	Englisch	5/144
31	Nur VGU-Studierende (anstatt Modul 22): Programming Exercises	5	1	Project report (processing time 8 weeks) with presentation (min 10, max 15 minutes)	Englisch	5/144

4. In der „Modul- und Prüfungsübersicht für Studierende der Dualen Studienvariante“ (Anlage 2b) wird die Zeile 22 wie folgt neu gefasst:

22	Artificial Intelligence	5	1	Written computer-based examination (90 minutes) VL	Englisch	2/69
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5. Das Modul 22 „Programming Exercises“ (Anlage 3) wird zu „Nur für VGU-Studierende: Modul 31 „Programming Exercises“ und erhält folgende neue Fassung:

Nur für VGU-Studierende: Modul 31 Programming Exercises

Module title	Programming Exercises
Module number	31
Module code	
Study program	Informatik (B.Sc.)
Module usability	Suitable for other Computer Science Bachelor studies
Module duration	One semester
Recommended semester	4th Semester
Module type	Compulsory module for VGU students only
ECTS (CP) / Workload (h)	5 CP/150 h
Module prerequisites	<ul style="list-style-type: none"> Passed (partial) examination „Einführung in die Programmierung mit C“ (module 4). Passed examination for module „Databases“ (module 14).
Module examination requirements	<ul style="list-style-type: none"> Passed (partial) examination „Einführung in die Programmierung mit C“ (module 4). Passed examination for module „Databases“ (module 14).
Module examination	Project report (processing time: 8 weeks) with presentation (min. 10 and max. 15 minutes per person)

Learning outcomes and skills	<p>Upon completion of the module the student is able to</p> <ul style="list-style-type: none"> • realize a realistic application covering e.g. aspects of distributed systems, and sound, user interaction, and a RDBMS • communicate and contribute as member of a project team • apply basic IT-project management skills • structure and produce a documentation by using adequate English terminology • organize himself/herself in a team and deliver a team result within a given timeframe • give and defend a presentation in front of an audience.
Module contents	Project Programming Exercises
Module teaching methods	Project, feedback talks, presentations
Module language	English
Module availability	Each summer semester

6. Als Modul 22 wird das Modul Artificial Intelligence in folgender Fassung neu eingefügt:

Modul 22 Artificial Intelligence

Module title	Artificial Intelligence
Module number	22
Study programme	Informatik (B.Sc.)
Module usability	Suitable for other Computer Science Bachelor studies
Module duration	One semester
Recommended semester	4th Semester
Module type	Compulsory module (not for VGU students)
ECTS (CP) / Workload (h)	5 CP/150 h
Module prerequisites	None
Module examination requirements	Computer-based exercises (processing time 40 hours)
Module examination	Written computer-based examination (90 minutes)
Learning outcomes and skills	<p>Upon completion of the module the student is able to</p> <ul style="list-style-type: none"> • understand the terminology used in modern artificial intelligence including symbolic artificial intelligence, expert-base systems, reasoning, (un- and supervised) statistical learning and reinforcement learning • understand the core concepts of artificial intelligence focusing on the practical level, including primarily testing, validation and interpretation • realize a realistic small application using existing frameworks • validate the application's AI model • explain and interpret a model's predictions properly

	<ul style="list-style-type: none"> • assess the ethical and societal dimensions of applications
Module contents	Artificial Intelligence
Module teaching methods	Lecture, Laboratory Exercises
Module language	English
Module availability	Each summer semester

Artikel II: Inkrafttreten

Die Änderung tritt am 1. April 2025 zum Sommersemester 2025 in Kraft und wird in einem zentralen Verzeichnis auf der Internetseite der Frankfurt University of Applied Sciences veröffentlicht.

Frankfurt am Main, den _____

Professor Dr. Hektor Hebert

Der Dekan des Fachbereichs 2: Informatik und Ingenieurwissenschaften - Computer Science and Engineering
Frankfurt University of Applied Sciences