



BIOSTATISTICS

27005 - BIOSTATISTICS (2023-24)

General

Code: 27005

Lecturer responsible:

MONCHO VASALLO, JOAQUIN

Credits ECTS:	6,00
Theoretical credits:	1,00
Practical credits:	1,40
Distance-base hours:	3,60

Departments involved

- **Dept:** COMMUNITY NURSING, PREVENTATIVE MEDICINE AND PUBLIC HEALTH

Area: NURSING

Theoretical credits: 1

Practical credits: 1,4

This Dept. is responsible for the course.

This Dept. is responsible for the final mark record.

Study programmes where this course is taught

- [DEGREE IN NURSING](#)

Course type: CORE (Year: 1)

Competencies and objectives

Course context for academic year 2023-24

The course has been designed to deal the main issues about the nursing degree regarding health and health care as well as basic functions of the nurse. Its aim is to provide students with quantification techniques to understand other subjects in the curriculum. In addition it is a purpose of Biostatistics creates skills and abilities to deal in a critical, reflective and scientific way to quantitative information and situations of uncertainty in their future work, providing methodological support for the student to get the new scientific developments.

Course content (verified by ANECA in official undergraduate and Master's degrees) for academic year {0}

Specific Competences (CE)

- **E01** : Conèixer l'estadística aplicada a les ciències de la salut.
- **E02** : Basar les intervencions dels professionals de les ciències de la salut en l'evidència científica i en els mitjans disponibles.
- **E03** : Establir mecanismes d'avaluació, considerant els aspectes científic, tècnic i de qualitat.
- **E04** : Conèixer els sistemes d'informació sanitària.
- **E05** : Aplicar els mètodes i procediments necessaris en el seu àmbit per a identificar els problemes de salut.
- **E06** : Plantejar la seqüència global per a l'estudi quantitatiu i estadístic de l'estat de salut d'una població.
- **E07** : Utilitzar els recursos informàtics per a l'anàlisi de qüestionaris i altres eines d'avaluació de l'estat de salut d'una població.
- **E08** : Interpretar i comunicar els resultats dels estudis en l'àmbit de les ciències de la salut.

General Competences of the Degree Course (CG):>>Nursing sciences module

- **26** : Analitzar les dades estadístiques referides a estudis poblacionals, identificant les possibles causes de problemes de salut.

Exclusive skill taught in this course

No data

Learning outcomes (Training objectives)

No data

Specific objectives stated by the academic staff for academic year 2023-24

- Developing the knowledge and abilities to carry out a basic statistical analysis
- Developing the knowledge and abilities to carry out an data analysis by statistical software
- Developing the knowledge and abilities to shown and explain the statistical outcomes.

Content and bibliography

Content for academic year 2023-24

Unit 1. Features to describe the health status of a person or a population

1. Basis of statistics. Organization and summary data. Frequency distribution tables. Graphic representations.
2. Description of a numerical variable: Measures of central tendency, dispersion and shape.
3. Study set of two variables. Crosstabs. Regression and correlation.
4. Descriptive applications

Unit 2. Measures of probability. Applications for diagnosis and prognosis of health status. Probability model for health sciences.

5. Introduction to Measure and Probability.
6. Basic properties of probability
7. Conditional probability and independence of events
8. Practical applications of probability; diagnosis and early diagnosis. Law of Total Probability and Bayes' Theorem.
9. Basic Principles and applications of Probability
10. Random Variables. Characteristics.
11. Discrete Random Variables
12. Discrete Random Models with application to the health studies
13. Continues Random Variables
14. Continues Random Models with application to the health studies

• Unit 3. Design and sampling plan to health data collection. Data sources. Health surveys. Data analysis in health sciences, showing outcomes.

- 15 Statistical inferences. Sampling and Sampling methods. Data sources. Health Surveys.
16. Sampling distribution. Central Limit Theorem.
17. Estimation. Punctual Estimation. Confidence Intervals.
18. Estimating a mean and a proportion.
19. Applications of estimations (I).
20. Estimating a difference between means or proportions.
21. Applications of estimations (II).
22. Statistical hypothesis testing. Errors for Hypothesis testing. The level of significance
23. Hypothesis Testing for a mean and proportion
24. Applications of Hypothesis Testing (I).
25. Hypothesis Testing for a difference between means or proportions
26. Applications of Hypothesis Testing (II).
27. Applications of Chi square distribution.

Related links

No data

Bibliography

Bioestadística : base para el análisis de las ciencias de la salud

Author(s): Daniel, Wayne W.

Issue: México : Limusa-Wiley, 2002;

ISBN: 968-18-6164-7

Category: Sin especificar

Bioestadística médica

Author(s): DAWSON, Beth; TRAPP, Robert G.

Issue: México : El Manual Moderno, 2002;

ISBN: 968-426-954-4

Category: Sin especificar

Bioestadística para las ciencias de la salud (+)

Author(s): Martín Andrés, Antonio

Issue: Madrid : Norma, 2004;

ISBN: 84-8451-018-2

Category: Sin especificar

Estadística aplicada a las ciencias de la salud

Author(s): Moncho Vasallo, Joaquín

Issue: Barcelona : Elsevier, 2021;

ISBN: 978-84-9113-721-4

Category: Básico

Assessment

Assessment procedures and criteria 2023-24

In order to average the grades of the continuous assessment tests I and II, which represent 80% of the final grade (40% each), the student must obtain a minimum overall grade (theory and practice) of 3.5 in each of them. As for the contents of SPSS, the grade (20% of the final grade) will be obtained on the basis of the qualifications obtained in (1) proposed activities (10%) and (2) evaluation tests (10%). If the conditions for averaging are met, the subject will be considered passed if the final grade is equal to or higher than 5. If this is not the case, the student must repeat the evaluation tests that were not passed (I and/or II which will include a theoretical and problem-solving test) in the January and/or July call.

Description	Criteria	Type	Weighting system
Theoretical and practical test I	Theoretical test: questions (true/false) (16% of the overall mark for the course) Practical test: Problem solving (24% of the overall grade of the course)	ACTIVITIES OF EVALUATION DURING THE SEMESTER	40
	These tests will be recoverable (jointly) in the official announcement of the subject.		
Theoretical and practical test II	Theoretical test: questions (true/false) (16% of the overall mark for the course) Practical test: Problem solving (24% of the overall grade of the course)	ACTIVITIES OF EVALUATION DURING THE SEMESTER	40
	These tests will be recoverable (jointly) in the official announcement of the subject.		
Practice case Interpretation of the results.	Assessment tests: Resolution of practical cases through a statistical analysis program (10% of the overall mark of the course). Practical activities: Resolution of practical activities (10% of the global mark of the course).	ACTIVITIES OF EVALUATION DURING THE SEMESTER	20
	These evaluation tests and practical activities will not be recoverable as they are linked to the attendance and participation in the planned computer classroom practices.		

Official exam dates for academic year 2023-24

Exam session	Date	Time	Group - Classroom(s) allocated	Comments
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(C2) Periodo ordinario 19/01/2024 09:00 - A1/0..17G

para asignaturas de
primer semestre 12:00

(C4) Pruebas 27/06/2024 09:00 - A1/1..40P

extraordinarias para
asignaturas de grado y
máster 12:00

Academic staff



MONCHO VASALLO, JOAQUIN

Lecturer responsible

THEORY CLASS: Groups: 1 , 2 , 3

PROBLEM PRACTICALS / WORKSHOP: Groups: A , B , C



ALTAVILLA SAVELLI, CESARE

COMPUTER PRACTICALS: Groups: A , B , C , F , G



MORAGUES MONCHO, RAUL

THEORY CLASS: Groups: 3

PROBLEM PRACTICALS / WORKSHOP: Groups: F , G , I , J

COMPUTER PRACTICALS: Groups: A , B , C , E , H , I , J , D



PEREYRA ZAMORA, PAMELA ELIANA

THEORY CLASS: Groups: 1 , 2 , 3



PINA ROMERO, JOSE AURELIO

THEORY CLASS: Groups: 2

PROBLEM PRACTICALS / WORKSHOP: Groups: E , H , D

COMPUTER PRACTICALS: Groups: E , H , I



SANZ VALERO, FRANCISCO JAVIER

COMPUTER PRACTICALS: Groups: B , C , E , G , H , I , J



TAMAYO FONSECA, NAYARA PATRICIA

PROBLEM PRACTICALS / WORKSHOP: Groups: F , G , I , J

COMPUTER PRACTICALS: Groups: A , E , F , G , H , I , J , D

Groups

THEORY CLASS

Group	Semester	Morning or afternoon session	Language	No. of enrolled students
Gr. 1 (THEORY CLASS) : GROUP 1	1S	Morning	Spanish	99
Gr. 2 (THEORY CLASS) : GROUP 2	1S	Afternoon	Spanish	89
Gr. 3 (THEORY CLASS) : GROUP 3	1S	Morning	English	0

PROBLEM PRACTICALS / WORKSHOP

Group	Semester	Morning or afternoon session	Language	No. of enrolled students	On registration, distribution
Gr. A (PROBLEM PRACTICALS / WORKSHOP) : PROBLEM P. A	1S	Morning	Spanish	19	From ID document number A - To ID document number H
Gr. B (PROBLEM PRACTICALS / WORKSHOP) : PROBLEM P. B	1S	Morning	Spanish	22	From ID document number J - To ID document number Q
Gr. C (PROBLEM PRACTICALS / WORKSHOP) : PROBLEM P. C	1S	Morning	Spanish	20	From ID document number R - To ID document number Z
Gr. D (PROBLEM PRACTICALS / WORKSHOP) : PROBLEM P. D	1S	Afternoon	Spanish	18	From ID document number G - To ID document number P
Gr. E (PROBLEM PRACTICALS / WORKSHOP) : PROBLEM P. E	1S	Afternoon	Spanish	20	From ID document number W - To ID document number Z
Gr. F (PROBLEM PRACTICALS / WORKSHOP) : PROBLEM P. F	1S	Morning	Valencian	19	From ID document number A - To ID document number D
Gr. G (PROBLEM PRACTICALS / WORKSHOP) : PROBLEM P. G	1S	Morning	Spanish	18	From ID document number A - To ID document number F
Gr. H (PROBLEM PRACTICALS / WORKSHOP) : PROBLEM P. H	1S	Afternoon	Spanish	18	From ID document number G - To ID document number P
Gr. I (PROBLEM PRACTICALS / WORKSHOP) : PROBLEM P. I	1S	Afternoon	Valencian	15	From ID document number Q - To ID document number V
Gr. J (PROBLEM PRACTICALS / WORKSHOP) : PROBLEM P. J	1S	Afternoon	Spanish	19	From ID document number W - To ID document number Z

COMPUTER PRACTICALS

Group	Semester	Morning or afternoon session	Language	No. of enrolled students	On registration, distribution
Gr. A (COMPUTER PRACTICALS) : COMPUTER P. A	1S	Morning	Spanish	19	From ID document number A - To ID document number H
Gr. B (COMPUTER PRACTICALS) : COMPUTER P. B	1S	Morning	Spanish	22	From ID document number J - To ID document number Q
Gr. C (COMPUTER PRACTICALS) : COMPUTER P. C	1S	Morning	Spanish	20	From ID document number R - To ID document number Z
Gr. D (COMPUTER PRACTICALS) : COMPUTER P. D	1S	Afternoon	Spanish	18	From ID document number G - To ID document number P
Gr. E (COMPUTER PRACTICALS) : COMPUTER P. E	1S	Afternoon	Spanish	20	From ID document number W - To ID document number Z
Gr. F (COMPUTER PRACTICALS) : COMPUTER P. F	1S	Morning	Valencian	19	From ID document number A - To ID document number D
Gr. G (COMPUTER PRACTICALS) : COMPUTER P. G	1S	Morning	Spanish	18	From ID document number A - To ID document number F
Gr. H (COMPUTER PRACTICALS) : COMPUTER P. H	1S	Afternoon	Spanish	18	From ID document number G - To ID document number P
Gr. I (COMPUTER PRACTICALS) : COMPUTER P. I	1S	Afternoon	Valencian	15	From ID document number Q - To ID document number V
Gr. J (COMPUTER PRACTICALS) : COMPUTER P. J	1S	Afternoon	Spanish	19	From ID document number W - To ID document number Z

Timetables

THEORY CLASS

Group	Start date	End date	Day	Start time	End time	Lecture room
1	11/09/2023	15/09/2023	LUN	08:30	09:30	A1/0-20G 
1	11/09/2023	15/09/2023	MAR	13:00	14:00	A1/0-20G 
1	11/09/2023	15/09/2023	MIE	12:00	13:00	A1/0-20G 
1	11/09/2023	15/09/2023	JUE	10:30	11:30	A1/0-20G 
1	11/09/2023	15/09/2023	VIE	09:30	10:30	A1/0-20G 
1	29/09/2023	29/09/2023	VIE	12:30	13:30	A1/0-20G 
1	02/10/2023	05/10/2023	LUN	13:30	14:30	A1/0-20G 
1	02/10/2023	05/10/2023	MAR	11:30	12:30	A1/0-20G 
1	02/10/2023	05/10/2023	MIE	12:30	13:30	A1/0-20G 
1	02/10/2023	05/10/2023	JUE	13:30	14:30	A1/0-20G 
1	24/10/2023	27/10/2023	MAR	12:30	13:30	A1/0-20G 
1	24/10/2023	27/10/2023	MIE	13:30	14:30	A1/0-20G 
1	24/10/2023	27/10/2023	JUE	11:30	12:30	A1/0-20G 
1	24/10/2023	27/10/2023	VIE	12:30	13:30	A1/0-20G 
1	30/10/2023	30/10/2023	LUN	13:30	14:30	A1/0-20G 
1	15/11/2023	17/11/2023	MIE	12:30	13:30	A1/0-20G 
1	15/11/2023	17/11/2023	JUE	13:30	14:30	A1/0-20G 
1	15/11/2023	17/11/2023	VIE	11:30	12:30	A1/0-20G 
1	20/11/2023	24/11/2023	LUN	12:30	13:30	A1/0-20G 
1	20/11/2023	24/11/2023	MAR	13:30	14:30	A1/0-20G 

Group	Start date	End date	Day	Start time	End time	Lecture room
1	20/11/2023	24/11/2023	MIE	11:30	12:30	A1/0-20G 
1	20/11/2023	24/11/2023	JUE	12:30	13:30	A1/0-20G 
1	20/11/2023	24/11/2023	VIE	12:30	14:30	A1/0-20G 
1	27/11/2023	27/11/2023	LUN	11:30	12:30	A1/0-20G 
2	11/09/2023	15/09/2023	LUN	16:00	17:00	A1/0-06X 
2	11/09/2023	15/09/2023	MAR	19:30	20:30	A1/0-06X 
2	11/09/2023	15/09/2023	MIE	18:30	19:30	A1/0-06X 
2	11/09/2023	15/09/2023	JUE	17:00	18:00	A1/0-06X 
2	11/09/2023	15/09/2023	VIE	16:00	17:00	A1/0-06X 
2	29/09/2023	29/09/2023	VIE	16:00	17:00	A1/0-06X 
2	02/10/2023	05/10/2023	LUN	17:00	18:00	A1/0-06X 
2	02/10/2023	05/10/2023	MAR	17:00	18:00	A1/0-06X 
2	02/10/2023	05/10/2023	MIE	16:00	17:00	A1/0-06X 
2	02/10/2023	05/10/2023	JUE	17:00	18:00	A1/0-06X 
2	24/10/2023	27/10/2023	MAR	16:00	17:00	A1/0-06X 
2	24/10/2023	27/10/2023	MIE	17:00	18:00	A1/0-06X 
2	24/10/2023	27/10/2023	JUE	17:00	18:00	A1/0-06X 
2	24/10/2023	27/10/2023	VIE	16:00	17:00	A1/0-06X 
2	30/10/2023	30/10/2023	LUN	17:00	18:00	A1/0-06X 
2	15/11/2023	17/11/2023	MIE	16:00	17:00	A1/0-06X 
2	15/11/2023	17/11/2023	JUE	17:00	18:00	A1/0-06X 

Group	Start date	End date	Day	Start time	End time	Lecture room
2	15/11/2023	17/11/2023	VIE	17:00	18:00	A1/0-06X 
2	20/11/2023	24/11/2023	LUN	16:00	17:00	A1/0-06X 
2	20/11/2023	24/11/2023	MAR	17:00	18:00	A1/0-06X 
2	20/11/2023	24/11/2023	MIE	17:00	18:00	A1/0-06X 
2	20/11/2023	24/11/2023	JUE	16:00	17:00	A1/0-06X 
2	20/11/2023	24/11/2023	VIE	16:00	18:00	A1/0-06X 
2	27/11/2023	27/11/2023	LUN	17:00	18:00	A1/0-06X 

PROBLEM PRACTICALS / WORKSHOP

Group	Start date	End date	Day	Start time	End time	Lecture room
A	25/09/2023	25/09/2023	LUN	09:00	11:30	A1/0-20G 
A	23/10/2023	23/10/2023	LUN	09:00	11:30	A1/0-20G 
A	09/11/2023	09/11/2023	JUE	09:00	11:30	A1/0-20G 
A	30/11/2023	30/11/2023	JUE	09:00	11:30	A1/0-20G 
B	21/09/2023	21/09/2023	JUE	09:00	11:30	A1/0-20G 
B	19/10/2023	19/10/2023	JUE	09:00	11:30	A1/0-20G 
B	07/11/2023	07/11/2023	MAR	09:00	11:30	A1/0-20G 
B	28/11/2023	28/11/2023	MAR	09:00	11:30	A1/0-20G 
C	22/09/2023	22/09/2023	VIE	09:00	11:30	A1/0-20G 
C	20/10/2023	20/10/2023	VIE	09:00	11:30	A1/0-20G 
C	08/11/2023	08/11/2023	MIE	09:00	11:30	A1/0-20G 

Group	Start date	End date	Day	Start time	End time	Lecture room
C	29/11/2023	29/11/2023	MIE	09:00	11:30	A1/0-20G 
D	25/09/2023	25/09/2023	LUN	16:00	18:30	CS/S006 
D	23/10/2023	23/10/2023	LUN	16:00	18:30	CS/S006 
D	09/11/2023	09/11/2023	JUE	16:00	18:30	CS/S006 
D	28/11/2023	28/11/2023	MAR	16:00	18:30	CS/S006 
E	21/09/2023	21/09/2023	JUE	16:00	18:30	CS/S006 
E	19/10/2023	19/10/2023	JUE	16:00	18:30	CS/S006 
E	07/11/2023	07/11/2023	MAR	16:00	18:30	CS/S006 
E	29/11/2023	29/11/2023	MIE	16:00	18:30	CS/S006 
F	25/09/2023	25/09/2023	LUN	11:30	14:00	A1/1-42S 
F	23/10/2023	23/10/2023	LUN	11:30	14:00	A1/1-42S 
F	09/11/2023	09/11/2023	JUE	11:30	14:00	A1/0-15S 
F	30/11/2023	30/11/2023	JUE	11:30	14:00	A1/0-15S 
G	21/09/2023	21/09/2023	JUE	11:30	14:00	A1/0-15S 
G	19/10/2023	19/10/2023	JUE	11:30	14:00	A1/0-15S 
G	07/11/2023	07/11/2023	MAR	11:30	14:00	A1/1-27P 
G	28/11/2023	28/11/2023	MAR	11:30	14:00	A1/1-27P 
H	22/09/2023	22/09/2023	VIE	18:00	20:30	A1/0-06X 
H	20/10/2023	20/10/2023	VIE	18:00	20:30	A1/0-06X 
H	08/11/2023	08/11/2023	MIE	18:00	20:30	A1/0-06X 
H	29/11/2023	29/11/2023	MIE	18:30	21:00	A1/0-06X 

Group	Start date	End date	Day	Start time	End time	Lecture room
I	25/09/2023	25/09/2023	LUN	18:30	21:00	A1/0-06X 
I	23/10/2023	23/10/2023	LUN	18:30	21:00	A1/0-06X 
I	09/11/2023	09/11/2023	JUE	18:30	21:00	A1/0-06X 
I	30/11/2023	30/11/2023	JUE	18:00	20:30	A1/0-06X 
J	21/09/2023	21/09/2023	JUE	18:30	21:00	A1/0-06X 
J	19/10/2023	19/10/2023	JUE	18:30	21:00	A1/0-06X 
J	07/11/2023	07/11/2023	MAR	18:30	21:00	A1/0-06X 
J	28/11/2023	28/11/2023	MAR	18:30	21:00	A1/0-06X 

COMPUTER PRACTICALS

Group	Start date	End date	Day	Start time	End time	Lecture room
A	18/09/2023	18/09/2023	LUN	09:00	11:30	GB/INF3 
A	28/09/2023	28/09/2023	JUE	09:00	11:30	GB/INF3 
A	13/10/2023	13/10/2023	VIE	09:00	11:30	GB/INF3 
A	18/10/2023	18/10/2023	MIE	09:00	11:30	GB/INF3 
A	06/11/2023	06/11/2023	LUN	09:00	11:30	GB/INF3 
A	14/11/2023	14/11/2023	MAR	09:00	11:30	GB/INF3 
A	05/12/2023	05/12/2023	MAR	09:00	11:30	GB/INF3 
A	12/12/2023	12/12/2023	MAR	09:00	11:30	GB/INF3 
A	18/12/2023	18/12/2023	LUN	09:00	11:30	GB/INF3 
A	20/12/2023	20/12/2023	MIE	09:00	11:30	GB/INF3 

Group	Start date	End date	Day	Start time	End time	Lecture room
B	19/09/2023	19/09/2023	MAR	09:00	11:30	GB/INF3 
B	26/09/2023	26/09/2023	MAR	09:00	11:30	GB/INF3 
B	10/10/2023	10/10/2023	MAR	09:00	11:30	GB/INF3 
B	16/10/2023	16/10/2023	LUN	09:00	11:30	GB/INF3 
B	02/11/2023	02/11/2023	JUE	09:00	11:30	GB/INF3 
B	10/11/2023	10/11/2023	VIE	09:00	11:30	GB/INF3 
B	01/12/2023	01/12/2023	VIE	09:00	11:30	GB/INF3 
B	14/12/2023	14/12/2023	JUE	09:00	11:30	GB/INF3 
B	19/12/2023	19/12/2023	MAR	09:00	11:30	GB/INF3 
B	22/12/2023	22/12/2023	VIE	09:00	11:30	GB/INF3 
C	20/09/2023	20/09/2023	MIE	09:00	11:30	GB/INF3 
C	27/09/2023	27/09/2023	MIE	09:00	11:30	GB/INF3 
C	11/10/2023	11/10/2023	MIE	09:00	11:30	GB/INF3 
C	17/10/2023	17/10/2023	MAR	09:00	11:30	GB/INF3 
C	03/11/2023	03/11/2023	VIE	09:00	11:30	GB/INF3 
C	13/11/2023	13/11/2023	LUN	09:00	11:30	GB/INF3 
C	04/12/2023	04/12/2023	LUN	09:00	11:30	GB/INF3 
C	13/12/2023	13/12/2023	MIE	09:00	11:30	GB/INF3 
C	15/12/2023	15/12/2023	VIE	09:00	11:30	GB/INF3 
C	21/12/2023	21/12/2023	JUE	09:00	11:30	GB/INF3 
D	18/09/2023	18/09/2023	LUN	16:00	18:30	GB/INF3 

Group	Start date	End date	Day	Start time	End time	Lecture room
D	26/09/2023	26/09/2023	MAR	16:00	18:30	GB/INF3 
D	13/10/2023	13/10/2023	VIE	16:00	18:30	GB/INF3 
D	18/10/2023	18/10/2023	MIE	16:00	18:30	GB/INF3 
D	03/11/2023	03/11/2023	VIE	16:00	18:30	GB/INF3 
D	14/11/2023	14/11/2023	MAR	16:00	18:30	GB/INF3 
D	04/12/2023	04/12/2023	LUN	16:00	18:30	GB/INF3 
D	13/12/2023	13/12/2023	MIE	16:00	18:30	GB/INF3 
D	15/12/2023	15/12/2023	VIE	16:00	18:30	GB/INF3 
D	22/12/2023	22/12/2023	VIE	16:00	18:30	GB/INF3 
E	19/09/2023	19/09/2023	MAR	16:00	18:30	GB/INF3 
E	28/09/2023	28/09/2023	JUE	16:00	18:30	GB/INF3 
E	10/10/2023	10/10/2023	MAR	16:00	18:30	GB/INF3 
E	16/10/2023	16/10/2023	LUN	16:00	18:30	GB/INF3 
E	06/11/2023	06/11/2023	LUN	16:00	18:30	GB/INF3 
E	10/11/2023	10/11/2023	VIE	16:00	18:30	GB/INF3 
E	05/12/2023	05/12/2023	MAR	16:00	18:30	GB/INF3 
E	14/12/2023	14/12/2023	JUE	16:00	18:30	GB/INF3 
E	18/12/2023	18/12/2023	LUN	16:00	18:30	GB/INF3 
E	20/12/2023	20/12/2023	MIE	16:00	18:30	GB/INF3 
F	18/09/2023	18/09/2023	LUN	12:00	14:30	GB/INF3 
F	28/09/2023	28/09/2023	JUE	11:30	14:00	GB/INF3 

Group	Start date	End date	Day	Start time	End time	Lecture room
F	13/10/2023	13/10/2023	VIE	11:30	14:00	GB/INF3 
F	18/10/2023	18/10/2023	MIE	11:30	14:00	GB/INF3 
F	06/11/2023	06/11/2023	LUN	11:30	14:00	GB/INF3 
F	14/11/2023	14/11/2023	MAR	11:30	14:00	GB/INF3 
F	05/12/2023	05/12/2023	MAR	11:30	14:00	GB/INF3 
F	12/12/2023	12/12/2023	MAR	11:30	14:00	GB/INF3 
F	18/12/2023	18/12/2023	LUN	11:30	14:00	GB/INF3 
F	20/12/2023	20/12/2023	MIE	11:30	14:00	GB/INF3 
G	20/09/2023	20/09/2023	MIE	12:00	14:30	GB/INF3 
G	26/09/2023	26/09/2023	MAR	11:30	14:00	GB/INF3 
G	10/10/2023	10/10/2023	MAR	11:30	14:00	GB/INF3 
G	16/10/2023	16/10/2023	LUN	11:30	14:00	GB/INF3 
G	02/11/2023	02/11/2023	JUE	11:30	14:00	GB/INF3 
G	10/11/2023	10/11/2023	VIE	11:30	14:00	GB/INF3 
G	01/12/2023	01/12/2023	VIE	11:30	14:00	GB/INF3 
G	14/12/2023	14/12/2023	JUE	11:30	14:00	GB/INF3 
G	15/12/2023	15/12/2023	VIE	11:30	14:00	GB/INF3 
G	22/12/2023	22/12/2023	VIE	11:30	14:00	GB/INF3 
H	18/09/2023	18/09/2023	LUN	18:30	21:00	GB/INF3 
H	27/09/2023	27/09/2023	MIE	18:00	20:30	GB/INF3 
H	11/10/2023	11/10/2023	MIE	18:00	20:30	GB/INF3 

Group	Start date	End date	Day	Start time	End time	Lecture room
H	17/10/2023	17/10/2023	MAR	18:00	20:30	GB/INF3 
H	03/11/2023	03/11/2023	VIE	18:30	21:00	GB/INF3 
H	13/11/2023	13/11/2023	LUN	18:00	20:30	GB/INF3 
H	04/12/2023	04/12/2023	LUN	18:30	21:00	GB/INF3 
H	13/12/2023	13/12/2023	MIE	18:30	21:00	GB/INF3 
H	15/12/2023	15/12/2023	VIE	18:30	21:00	GB/INF3 
H	21/12/2023	21/12/2023	JUE	18:00	20:30	GB/INF3 
I	19/09/2023	19/09/2023	MAR	18:30	21:00	GB/INF3 
I	28/09/2023	28/09/2023	JUE	18:30	21:00	GB/INF3 
I	18/10/2023	18/10/2023	MIE	18:30	21:00	GB/INF3 
I	25/10/2023	25/10/2023	MIE	18:00	20:30	GB/INF5 
I	06/11/2023	06/11/2023	LUN	18:30	21:00	GB/INF3 
I	14/11/2023	14/11/2023	MAR	18:30	21:00	GB/INF3 
I	05/12/2023	05/12/2023	MAR	18:30	21:00	GB/INF3 
I	12/12/2023	12/12/2023	MAR	18:00	20:30	GB/INF3 
I	18/12/2023	18/12/2023	LUN	18:30	21:00	GB/INF3 
I	20/12/2023	20/12/2023	MIE	18:30	21:00	GB/INF3 
J	20/09/2023	20/09/2023	MIE	18:30	21:00	GB/INF3 
J	26/09/2023	26/09/2023	MAR	18:30	21:00	GB/INF3 
J	10/10/2023	10/10/2023	MAR	18:30	21:00	GB/INF3 
J	16/10/2023	16/10/2023	LUN	18:30	21:00	GB/INF3 

Group	Start date	End date	Day	Start time	End time	Lecture room
J	02/11/2023	02/11/2023	JUE	18:00	20:30	GB/INF3 
J	10/11/2023	10/11/2023	VIE	18:30	21:00	GB/INF3 
J	01/12/2023	01/12/2023	VIE	18:00	20:30	GB/INF3 
J	14/12/2023	14/12/2023	JUE	18:30	21:00	GB/INF3 
J	19/12/2023	19/12/2023	MAR	18:00	20:30	GB/INF3 
J	22/12/2023	22/12/2023	VIE	18:30	21:00	GB/INF3 