

UNIVERSITÀ
DEGLI STUDI
DI PADOVA



UNIVERSIDAD
DE GRANADA

ANNEX: STUDY PROGRAMME FROM UNIPD TO UGR STS

ITALY - SPAIN

YEAR	UNIVERSITY
1st	UNIPD
2nd	UNIPD
3th	UNIPD
4th	UGR

ANNEX: UNIPD STS – Percorso *Metodologico* STUDY PROGRAMME

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
1/1	UNIPD	ALGEBRA LINEARE	6	MAT/02	COMPULSORY	COMPULSORY
		ISTITUZIONI DI MATEMATICA 1	12	MAT/05	COMPULSORY	COMPULSORY
		SISTEMI DI ELABORAZIONE 1	6	ING-INF/05	COMPULSORY	COMPULSORY

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
1/2	UNIPD	ISTITUZIONI DI PROBABILITÀ	9	MAT/06	COMPULSORY	COMPULSORY
		STATISTICA 1	6	SECS-S/01	COMPULSORY	COMPULSORY
		STRUTTURE DATI E PROGRAMMAZIONE	6	ING-INF/05	COMPULSORY	COMPULSORY

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
2/1	UNIPD	ANALISI MATEMATICA	9	MAT/05	COMPULSORY	ELECTIVE
		OTTIMIZZAZIONE MODELLI E METODI	9	MAT/09	COMPULSORY	COMPULSORY
		STATISTICA 2	12	SECS-S/01	COMPULSORY	COMPULSORY

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
2/2	UNIPD	BASI DI DATI	6	ING-INF/05	COMPULSORY	COMPULSORY
		MODELLI STATISTICI 1	9	SECS-S/01	COMPULSORY	COMPULSORY
		STATISTICA COMPUTAZIONALE	9	SECS-S/01	COMPULSORY	COMPULSORY
		TEORIA E TECNICA DELL'INDAGINE STATISTICA E DEL CAMPIONAMENTO	9	SECS-S/05	COMPULSORY	COMPULSORY

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
3/1	UNIPD	ANALISI DEI DATI MULTIDIMENSIONALI	6	SECS-S/01	COMPULSORY	COMPULSORY
		ECONOMIA AZIENDALE	9	SECS-P/07/08	ELECTIVE	COMPULSORY
		MICROECONOMIA	9	SECS-P/01	ELECTIVE	COMPULSORY
		MODELLI STATISTICI 2	9	SECS-S/01	COMPULSORY	ELECTIVE
		SERIE STORICHE	9	SECS-S/03	COMPULSORY	COMPULSORY

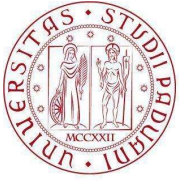
YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
3/2	UNIPD	MODELLI STATISTICI APPLICATI	9	SECS-S/01	COMPULSORY	COMPULSORY
		A SCELTA NEL PANIERE (1)	9		COMPULSORY	ELECTIVE
		CONSISTENT WITH STUDY PLAN	9		ELECTIVE	ELECTIVE
		CONSISTENT WITH STUDY PLAN	9		ELECTIVE	ELECTIVE

(1) Biodemografia, Controllo statistica della qualità, Information retrieval, Metodi statistici per big data, Metodi statistici per l'epidemiologia, Sistemi di elaborazione 2, Statistica medica

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
4/1	UGR	INTELIGENCIA ARTIFICIAL EN LA INVESTIGACIÓN OPERATIVA	6	MAT/09	ELECTIVE	COMPULSORY
		MÉTODOS NUMÉRICOS	6	MAT/05	ELECTIVE	COMPULSORY
		CONSISTENT WITH STUDY PLAN	6		ELECTIVE	ELECTIVE
		CONSISTENT WITH STUDY PLAN	6		ELECTIVE	ELECTIVE
		CONSISTENT WITH STUDY PLAN	6		ELECTIVE	ELECTIVE
		FINAL WORK (TGF)	6		COMPULSORY	COMPULSORY

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
4/2	UGR	ESTADÍSTICA COMPUTACIONAL II	6	SECS-S/01	ELECTIVE	COMPULSORY
		INVESTIGACIÓN OPERATIVA II	6	MAT/09	ELECTIVE	COMPULSORY
		PROCESOS ESTOCÁSTICOS	6	SECS-S/01	ELECTIVE	COMPULSORY
		FINAL WORK (TGF)	6		COMPULSORY	COMPULSORY

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- Análisis de datos demográficos
- Análisis de riesgos
- Análisis de tablas de contingencia
- Análisis exploratorio de datos
- Análisis matemático Avanzado
- Ampliación de métodos numéricos
- Control y diseño estadístico en la empresa
- Estadística Bayesiana y teoría de la decision
- Estadística pública
- Estadística pública II
- Métodos avanzados de bioestadística
- Métodos básicos de bioestadística
- Minería de datos
- Modelos en estadística demográfica
- Modelización de datos categóricos
- Técnicas avanzadas de estadística multivariante

ANNEX: UNIPD STS – Percorso *Big data* STUDY PROGRAMME

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
1/1	UNIPD	ALGEBRA LINEARE	6	MAT/02	COMPULSORY	COMPULSORY
		ISTITUZIONI DI MATEMATICA 1	12	MAT/05	COMPULSORY	COMPULSORY
		SISTEMI DI ELABORAZIONE 1	6	ING-INF/05	COMPULSORY	COMPULSORY

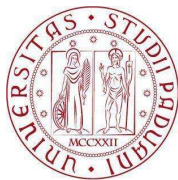
YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
1/2	UNIPD	ISTITUZIONI DI PROBABILITÀ	9	MAT/06	COMPULSORY	COMPULSORY
		STATISTICA 1	6	SECS-S/01	COMPULSORY	COMPULSORY
		STRUTTURE DATI E PROGRAMMAZIONE	6	ING-INF/05	COMPULSORY	COMPULSORY

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
2/1		OTTIMIZZAZIONE MODELLI E METODI	9	MAT/09	COMPULSORY	COMPULSORY
		STATISTICA 2	12	SECS-S/01	COMPULSORY	COMPULSORY

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
2/2	UNIPD	BASI DI DATI	6	ING-INF/05	COMPULSORY	COMPULSORY
		MODELLI STATISTICI 1	9	SECS-S/01	COMPULSORY	COMPULSORY
		STATISTICA COMPUTAZIONALE	9	SECS-S/01	COMPULSORY	COMPULSORY
		TEORIA E TECNICA DELL'INDAGINE STATISTICA E DEL CAMPIONAMENTO	9	SECS-S/05	COMPULSORY	COMPULSORY

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
3/1	UNIPD	ANALISI DEI DATI MULTIDIMENSIONALI	6	SECS-S/01	COMPULSORY	COMPULSORY
		ECONOMIA AZIENDALE	9	SECS-P/07/08	ELECTIVE	COMPULSORY
		MICROECONOMIA	9	SECS-P/01	ELECTIVE	COMPULSORY
		SERIE STORICHE	9	SECS-S/03	COMPULSORY	COMPULSORY
		SISTEMI DI ELABORAZIONE 2	9	ING-INF/05	COMPULSORY	ELECTIVE

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
3/2	UNIPD	MODELLI STATISTICI APPLICATI	9	SECS-S/01	COMPULSORY	COMPULSORY
		METODI STATISTICI PER BIG DATA	9	SECS-S/01	COMPULSORY	ELECTIVE
		INFORMATION RETRIEVAL	9	ING-INF/05	COMPULSORY	ELECTIVE
		CONSISTENT WITH STUDY PLAN	9		ELECTIVE	ELECTIVE
		CONSISTENT WITH STUDY PLAN	9		ELECTIVE	ELECTIVE



YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TYPOLOGY UNIP	TYPOLOGY UGR
4/1	UGR	INTELIGENCIA ARTIFICIAL EN LA INVESTIGACIÓN OPERATIVA	6	MAT/09	ELECTIVE	COMPULSORY
		MÉTODOS NUMÉRICOS	6	MAT/05	ELECTIVE	COMPULSORY
		CONSISTENT WITH STUDY PLAN	6		ELECTIVE	ELECTIVE
		CONSISTENT WITH STUDY PLAN	6		ELECTIVE	ELECTIVE
		CONSISTENT WITH STUDY PLAN	6		ELECTIVE	ELECTIVE
		FINAL WORK (TGF)	6		COMPULSORY	COMPULSORY

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TYPOLOGY UNIPD	TYPOLOGY UGR
4/2	UGR	ESTADÍSTICA COMPUTACIONAL II	6	SECS-S/01	ELECTIVE	COMPULSORY
		INVESTIGACIÓN OPERATIVA II	6	MAT/09	ELECTIVE	COMPULSORY
		PROCESOS ESTOCÁSTICOS	6	SECS-S/01	ELECTIVE	COMPULSORY
		FINAL WORK (TGF)	6		COMPULSORY	COMPULSORY

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- Análisis de riesgos
- Análisis de tablas de contingencia
- Análisis exploratorio de datos
- Análisis matemático Avanzado
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- Estadística Bayesiana y teoría de la decision
- Estadística pública
- Estadística pública II
- Métodos avanzados de bioestadística
- Métodos básicos de bioestadística
- Minería de datos
- Modelos en estadística demográfica
- Modelización de datos categóricos
- Técnicas avanzadas de estadística multivariante

ANNEX: UNIPD STS – Percorso *Tecnologia* STUDY PROGRAMME

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
1/1	UNIPD	ALGEBRA LINEARE	6	MAT/02	COMPULSORY	COMPULSORY
		ISTITUZIONI DI MATEMATICA 1	12	MAT/05	COMPULSORY	COMPULSORY
		SISTEMI DI ELABORAZIONE 1	6	ING-INF/05	COMPULSORY	COMPULSORY

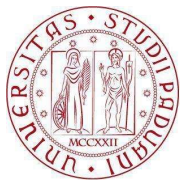
YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
1/2	UNIPD	ISTITUZIONI DI PROBABILITÀ	9	MAT/06	COMPULSORY	COMPULSORY
		STATISTICA 1	6	SECS-S/01	COMPULSORY	COMPULSORY
		STRUTTURE DATI E PROGRAMMAZIONE	6	ING-INF/05	COMPULSORY	COMPULSORY

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
2/1		OTTIMIZZAZIONE MODELLI E METODI	9	MAT/09	COMPULSORY	COMPULSORY
		STATISTICA 2	12	SECS-S/01	COMPULSORY	COMPULSORY

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
2/2	UNIPD	BASI DI DATI	6	ING-INF/05	COMPULSORY	COMPULSORY
		MODELLI STATISTICI 1	9	SECS-S/01	COMPULSORY	COMPULSORY
		STATISTICA COMPUTAZIONALE	9	SECS-S/01	COMPULSORY	COMPULSORY
		TEORIA E TECNICA DELL'INDAGINE STATISTICA E DEL CAMPIONAMENTO	9	SECS-S/05	COMPULSORY	COMPULSORY

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
3/1	UNIPD	ANALISI DEI DATI MULTIDIMENSIONALI	6	SECS-S/01	COMPULSORY	COMPULSORY
		ECONOMIA AZIENDALE	9	SECS-P/07/08	ELECTIVE	COMPULSORY
		MICROECONOMIA	9	SECS-P/01	ELECTIVE	COMPULSORY
		SERIE STORICHE	9	SECS-S/03	COMPULSORY	COMPULSORY
		SISTEMI DI ELABORAZIONE 2	9	ING-INF/05	COMPULSORY	ELECTIVE

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
3/2	UNIPD	MODELLI STATISTICI APPLICATI	9	SECS-S/01	COMPULSORY	COMPULSORY
		METODI STATISTICI PER BIG DATA	9	SECS-S/01	COMPULSORY	ELECTIVE
		CONTROLLO STATISTICO DELLA QUALITÀ	9	SECS-S/01	COMPULSORY	ELECTIVE
		CONSISTENT WITH STUDY PLAN	9		ELECTIVE	ELECTIVE
		CONSISTENT WITH STUDY PLAN	9		ELECTIVE	ELECTIVE



YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIP	TPOLOGY UGR
4/1	UGR	INTELIGENCIA ARTIFICIAL EN LA INVESTIGACIÓN OPERATIVA	6	MAT/09	ELECTIVE	COMPULSORY
		MÉTODOS NUMÉRICOS	6	MAT/05	ELECTIVE	COMPULSORY
		CONSISTENT WITH STUDY PLAN	6		ELECTIVE	ELECTIVE
		CONSISTENT WITH STUDY PLAN	6		ELECTIVE	ELECTIVE
		CONSISTENT WITH STUDY PLAN	6		ELECTIVE	ELECTIVE
		FINAL WORK (TGF)	6		COMPULSORY	COMPULSORY

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
4/2	UGR	ESTADÍSTICA COMPUTACIONAL II	6	SECS-S/01	ELECTIVE	COMPULSORY
		INVESTIGACIÓN OPERATIVA II	6	MAT/09	ELECTIVE	COMPULSORY
		PROCESOS ESTOCÁSTICOS	6	SECS-S/01	ELECTIVE	COMPULSORY
		FINAL WORK (TGF)	6		COMPULSORY	COMPULSORY

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- Estadística pública II
- Métodos avanzados de bioestadística
- Métodos básicos de bioestadística
- Minería de datos
- Modelos en estadística demográfica
- Modelización de datos categóricos
- Técnicas avanzadas de estadística multivariante

ANNEX: UNIPD STS – Percorso *Biostatistica* STUDY PROGRAMME

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
1/1	UNIPD	ALGEBRA LINEARE	6	MAT/02	COMPULSORY	COMPULSORY
		ISTITUZIONI DI MATEMATICA 1	12	MAT/05	COMPULSORY	COMPULSORY
		SISTEMI DI ELABORAZIONE 1	6	ING-INF/05	COMPULSORY	COMPULSORY

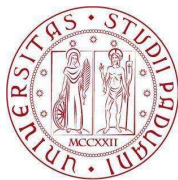
YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
1/2	UNIPD	ISTITUZIONI DI PROBABILITÀ	9	MAT/06	COMPULSORY	COMPULSORY
		STATISTICA 1	6	SECS-S/01	COMPULSORY	COMPULSORY
		STRUTTURE DATI E PROGRAMMAZIONE	6	ING-INF/05	COMPULSORY	COMPULSORY

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
2/1		OTTIMIZZAZIONE MODELLI E METODI	9	MAT/09	COMPULSORY	COMPULSORY
		STATISTICA 2	12	SECS-S/01	COMPULSORY	COMPULSORY

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
2/2	UNIPD	BASI DI DATI	6	ING-INF/05	COMPULSORY	COMPULSORY
		MODELLI STATISTICI 1	9	SECS-S/01	COMPULSORY	COMPULSORY
		STATISTICA COMPUTAZIONALE	9	SECS-S/01	COMPULSORY	COMPULSORY
		TEORIA E TECNICA DELL'INDAGINE STATISTICA E DEL CAMPIONAMENTO	9	SECS-S/05	COMPULSORY	COMPULSORY

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
3/1	UNIPD	ANALISI DEI DATI MULTIDIMENSIONALI	6	SECS-S/01	COMPULSORY	COMPULSORY
		ECONOMIA AZIENDALE	9	SECS-P/07/08	ELECTIVE	COMPULSORY
		MICROECONOMIA	9	SECS-P/01	ELECTIVE	COMPULSORY
		SERIE STORICHE	9	SECS-S/03	COMPULSORY	COMPULSORY
		STATISTICA MEDICA	9	SECS-S/01	COMPULSORY	ELECTIVE

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
3/2	UNIPD	MODELLI STATISTICI APPLICATI	9	SECS-S/01	COMPULSORY	COMPULSORY
		BIODEMOGRAFIA	9	SECS-S/05	COMPULSORY	ELECTIVE
		METODI STATISTICI PER L'EPIDEMIOLOGIA	9	SECS-S/01-05	COMPULSORY	ELECTIVE
		CONSISTENT WITH STUDY PLAN	9		ELECTIVE	ELECTIVE
		CONSISTENT WITH STUDY PLAN	9		ELECTIVE	ELECTIVE



YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIP	TPOLOGY UGR
4/1	UGR	INTELIGENCIA ARTIFICIAL EN LA INVESTIGACIÓN OPERATIVA	6	MAT/09	ELECTIVE	COMPULSORY
		MÉTODOS NUMÉRICOS	6	MAT/05	ELECTIVE	COMPULSORY
		CONSISTENT WITH STUDY PLAN	6		ELECTIVE	ELECTIVE
		CONSISTENT WITH STUDY PLAN	6		ELECTIVE	ELECTIVE
		CONSISTENT WITH STUDY PLAN	6		ELECTIVE	ELECTIVE
		FINAL WORK (TGF)	6		COMPULSORY	COMPULSORY

YEAR/SEMESTER	SEAT	TEACHING	ECTS CREDITS	ITALIAN SSD /DISCIPLINE	TPOLOGY UNIPD	TPOLOGY UGR
4/2	UGR	ESTADÍSTICA COMPUTACIONAL II	6	SECS-S/01	ELECTIVE	COMPULSORY
		INVESTIGACIÓN OPERATIVA II	6	MAT/09	ELECTIVE	COMPULSORY
		PROCESOS ESTOCÁSTICOS	6	SECS-S/01	ELECTIVE	COMPULSORY
		FINAL WORK (TGF)	6		COMPULSORY	COMPULSORY

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