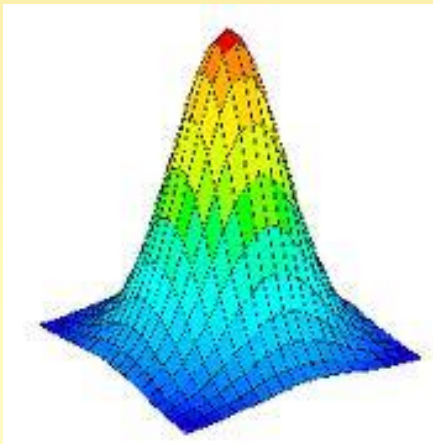


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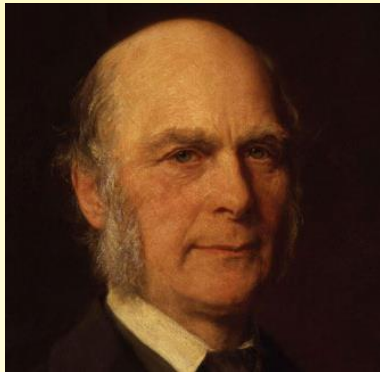
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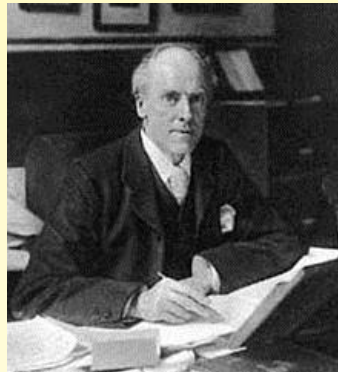
Stats & Maths Curriculum

“Statistics is the science of learning from data, and of measuring, controlling, and communicating uncertainty; it thereby provides the navigation essential for controlling the course of scientific and societal advances.”

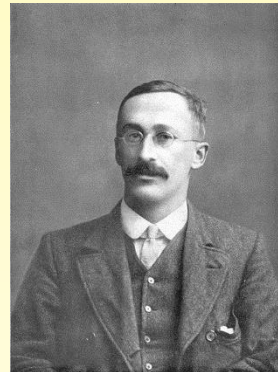
(M. Davidian and T.A. Louis, *Science*, 2012, vol. 33)



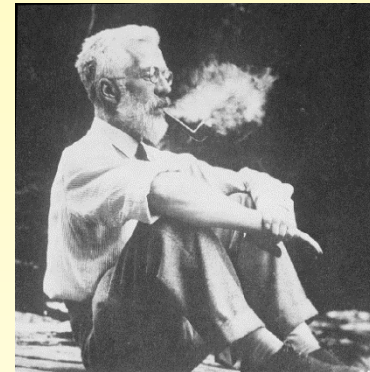
Francis Galton



Karl Pearson



William S. Gosset



Ronald Fisher

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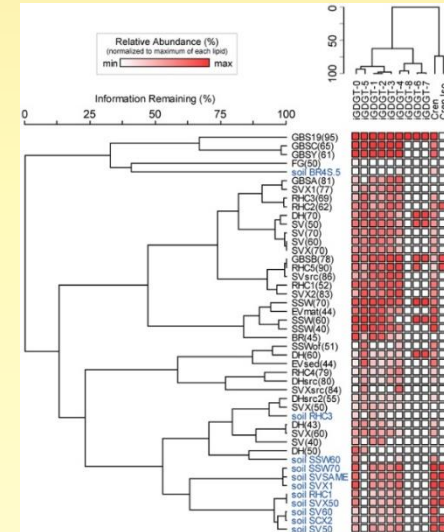
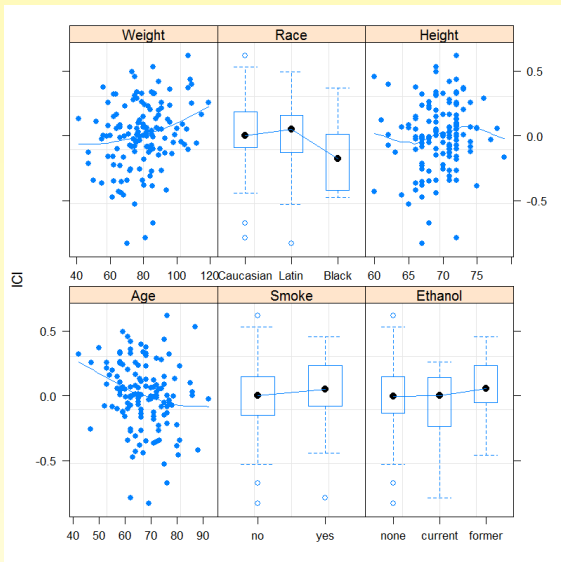
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Stats & Maths Curriculum

Broad training in the theory and practice of Statistics



Conceptual, computational, and mathematical tools for quantifying uncertainty and making sense of data arising from many applications



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Degree Programme in Statistical Sciences

Stats & Maths Curriculum First year

		<i>TERM</i>			
	<i>ECTS</i>	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>
<i>DEMOGRAPHY</i>	6				
<i>STATISTICS I</i>	6				
<i>PROBABILITY I</i>	6				
<i>MATHEMATICS I</i>	10				
<i>STATISTICS II</i>	6				
<i>INFORMATICS</i>	10				
<i>LINEAR ALGEBRA</i>	10				

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Stats & Maths Curriculum Exam sessions

First Semester	Second Semester
Term 1: 18/09/18 – 26/10/18	Term 3: 18/02/19 – 29/03/19
Exams: 27/10/18 – 03/11/18	Exams: 01/04/19 – 13/04/19
Term 2: 05/11/18 – 13/12/18	Term 4: 15/04/19 – 01/06/19
Exams: 14/12/18 – 21/12/18 07/01/19 – 15/02/19	Exams: 03/06/19 – 26/07/19 26/08/19 – 14/09/19

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Degree Programme in Statistical Sciences

Stats & Maths Curriculum **Exams & Grades**

- There are six sittings in a year for each exam.
- In order to take an exam you have to register for it on [Almaesami](#).
- Grades are expressed on a 0-30 scale. In order to pass the exam, your grade must be larger or equal than 18/30.

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Stats & Maths Curriculum

Additional learning requirements (OFA)

- The “Additional Learning Requirements” are fulfilled by passing the Mathematics I exam **by March, 31st, 2020**.
- Should a student not fulfill the “Additional Learning Requirements” by that deadline, they will not be allowed to enroll in the second year.

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Degree Programme in Statistical Sciences

Stats & Maths Curriculum Language requirements

- Incoming level: English B1
 - Students who do not fulfill the income level requirement are allowed to enroll but they will not be allowed to take exams until they do not fulfill it.
- Outgoing level: English B2
 - The outgoing level must be achieved by **by March, 31st, 2021**.
 - Should a student not achieve the outgoing level by that deadline, they will not be allowed to take the third year exams.

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Stats & Maths Curriculum

How to achieve the language requirements

- By submitting a certificate to CLA (“Centro Linguistico d’Ateneo”)
- By taking one of the tests run by CLA
 - Incremental test: B1 → B2

See the CLA website <http://www.cla.unibo.it/> for a list of accepted certificates and/or information about the tests

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Degree Programme in Statistical Sciences

Stats & Maths Curriculum Double degree structure



Bologna

Degree in Statistics

3 years

First year

Second year

Third year



Glasgow

Bachelor with Honors in Statistics

4 years

First and second year

← *Third year*

→ *Fourth year (graduation)*

Department of Statistical Sciences

Degree Programme in Statistical Sciences

Stats & Maths Curriculum Double degree structure

Max. 5 students from Bologna
(max. 5 students from Glasgow)

Selection after the first term of the second year
Minimum requirement:

- Credits earned ≥ 84 (including English level B2)
- Weighted average mark ≥ 28

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Contacts



Academic advisor:

Giuliano Galimberti

giuliano.galimberti@unibo.it

Programme coordinator:

Giuliano Zamboni

stat.programmesm@unibo.it

Tutor STATS & MATHS :

Linda Bonfiglioli

stat.tutorsm@unibo.it

<https://corsi.unibo.it/1cycle/StatsMaths>