

ENTRY HARVARD

[ENTRY HARVARD] Authors: Oliver Knill: 2000, Literature: no

Harvard

[Harvard]

Science center

[Science center] The science center is the Polaroid camera shape building near Harvard square. The actual building is close to Memorial Hall. I actually live and think in the science center. You can virtually walk into the science center

president of Harvard

[president of Harvard] The President of Harvard is currently Lawrence H. Summers. To find out more about him, visit the website

chairman of math department

[chairman of math department] The chairman of the Mathematics department is currently Joe Harris.

number people math department

[number people math department] Currently, there are over 190 people at the Math department.

preceptor

[preceptor] Preceptors work alongside other faculty on teaching, developing and supporting sections of entry level courses at the Harvard Mathematics department.

ca

[ca] A course assistant (CA) is an undergraduate student who assists the teaching fellow (TF) with grading, running problem sessions and tutoring in the question center.

tf

[tf] TF stands for teaching fellow. Everybody who is teaching is called a TF. It can be a senior or junior faculty, a visiting fellow or a graduate student.

concentrator

[concentrator] A (math) concentrator is a sophomore or senior undergraduate student. A math concentrator would also be called a math major. There are about one hundred math concentrators. Each year, there are about 30 new concentrators.

head tutor

[head tutor] The head tutor is a professor who is the chief undergraduate advisor.

question center

[question center] The question center QC is a place to work on homework problems or exam preparation. Tutors (both course assistants or teaching fellows) are available for questions.

qc

[qc] see question center

math table

[math table] The math table is a "dinner seminar" which takes place in one of the student houses. A faculty or student presents a half an hour talk just after a dinner.

grade

[grade] Grades are an important issue for most students. Unfortunately, I have no access to your grades.

where harvard

[where harvard] Harvard University is located in Cambridge, Massachusetts USA. We are on the east coast. One can see from here Boston. The Campus is quite close to the Charles River. To look up something specific, it is best to start online with the Harvard search page.

get into Harvard

[get into Harvard] Work hard, have lots of interests. You need of course some luck.

life at Harvard

[life at Harvard] Fun. Beside a great academic environment, there are a lot of things to see. You can spend weeks at Harvard square and still find new things.

grade inflation

[grade inflation] Grade inflation is when most students get A's. One of the problems with grade inflation is that grades start losing their purpose.

computer type

[computer type] At the Mathematics department, people use all kind of operating systems

- Sun work stations running Solaris
- Macintoshs running OSX
- PC's running Linux
- PC's running Windows.

software

[software] Have a look at <http://www.math.harvard.edu/computing>.

mathematics

[mathematics] Mathematics is both a science and an art. It is also a language for other sciences. Quite many topics in Mathematics have turned out to be useful. Examples is the theory of operators which provided the framework for Quantum mechanics. An other example is number theory which provides the foundation for many encryption algorithms.

afread of math

[afread of math] You probably had some bad experiences in the past. You should chat more with me!

learn math

[learn math] Just do it! There are hundreds of nice books about Math, many resources on the internet. Take a math class with a good teacher.

physics and math

[physics and math] There are not many differences. Indeed, there are branches of Mathematics like computational number theory where people do a lot of experiments and there are branches of physics, where people do very abstract theory which presumably never can be tested in laboratories.

charles river

[charles river] A great place to row, run bike and relax.

harvard yard

[harvard yard] the center of the Harvard campus

math professors

[math professors] They are all excellent Mathematicians.

pi day

[pi day]

student number

[student number] There are more than 18'000 degree candidates at Harvard.

Harvard founded

[Harvard founded] Harvard College was established in 1636, already 16 years after the arrival of the pilgrims at Plymouth.

people at harvard

[people at harvard] There are over 14'000 people at Harvard including more than 2'000 faculty. There are also 7,000 faculty appointments in affiliated teaching hospitals.

Nobel Laureates

[Nobel Laureates] Harvard produced nearly 40 Nobel Laureates.

US presidents

[US presidents] Harvard produced seven presidents of the United States: John Adams, John Quincy Adams, Theodore and Franklin Delano Roosevelt, Rutherford B. Hayes, John Fitzgerald Kennedy and George W. Bush.

Millenium prize problems

[Millenium prize problems]

- P versus NP
- Hodge Conjecture
- Poincare Conjecture
- Riemann Hypothesis
- Yang-Mills Existence and Mass Gap
- Navier-Stokes Existence and Smoothness
- Birch-Swinnerton-Dyer Conjecture

Core course

[Core course] In 1978, Harvard adopted a 'core' of courses in fields of inquiry that spanned domains, including historical study, moral reasoning, social analysis, science, music and art, literature and so on. These courses are designed to introduce 'approaches to knowledge' rather than specific information and thus legitimized a trend throughout education toward ways of knowing rather than knowledge.

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