

MA 342 Evaluation Form

1) What aspects of the module did you like?

liked the set up between the tutorials + classes.

class work was closely ^{linked} ~~match~~ to the tutorials,
rare this happens.

found lectures interesting, liked the practical
examples given in class, made it easier to understand.

2) What aspects of the module could be improved?

perhaps more tutorials

had some difficulties with some of questions and felt
they could of possibly been explained
more clearly

perhaps for final exam, maybe a certain %

allocated towards knowing + reproducing definitions.

3) Any other comments

material covered well, enjoyed the module.
lecturer was very.

MA 342 Evaluation Form

1) What aspects of the module did you like?

I liked that there was an emphasis on the applications of topology, especially since it was such an abstract topic.

The subject matter was explained very clearly.

2) What aspects of the module could be improved?

Having said that emphasising the applications was a good thing, I think a little too much time was spent talking about them in class. I think that some of the applications could just be explained briefly, perhaps providing a link to a website with more information, and cover more content-wise in topology.

I didn't find the tutorials very coherent or clear.

3) Any other comments

MA 342 Evaluation Form

1) What aspects of the module did you like?

I liked the way that the in-class test questions came from the problem sheets \rightarrow This allows a good chance of doing well in continuous assessment.

I enjoyed the Lecturer's Love of the subject.

2) What aspects of the module could be improved?

Latter sections on Homotopy were a little more difficult to understand. The tutor didn't really go through the section as clearly as other sections.

3) Any other comments

MA 342 Evaluation Form

1) What aspects of the module did you like?

Lecturer's enthusiasm for the topic and the content.

The examples that were used to explain newly introduced topics - they made concrete the concepts.

I enjoyed the earlier topics.

2) What aspects of the module could be improved?

Sections on homotopy were much more difficult to grasp.

If more time was dealt with these instead of moving forward with new material.

3) Any other comments

well done Graham! Thanks again.

MA 342 Evaluation Form

1) What aspects of the module did you like?

- The pace at which we covered new material
- The method of continuous assessment. I thought that the way it was done was excellent since it was a great incentive to keep on top of the material.

2) What aspects of the module could be improved?

- The tutorials should take on a more ordered format; perhaps knowing beforehand what we will be covering.

3) Any other comments

MA 342 Evaluation Form

1) What aspects of the module did you like?
lectures were really enjoyable, well presented and well organised.
I enjoyed the style of teaching.

2) What aspects of the module could be improved?
The tutorials were not beneficial. I missed none but I have no idea what he's doing in them. The only questions from the problem sheets I can do are the ones done in lectures.

3) Any other comments
Material for the exam needs to be broke down.

MA 342 Evaluation Form

1) What aspects of the module did you like?

The lecture were interesting but very theory based.

2) What aspects of the module could be improved?

Tutorial were of no benefit, and the amount of work
was learning off answers to complete for exams.

Assignments would be more beneficial to the course
with a better tutor.

3) Any other comments

Material for exam is very broad and needed to
be broken down.

MA 342 Evaluation Form

1) What aspects of the module did you like?

2) What aspects of the module could be improved?

- Better explanation of tutorial problems in tutorials.

3) Any other comments

MA 342 Evaluation Form

1) What aspects of the module did you like?

→ I like the problem sheets that cover the class tests and exam, it gives us something to work on throughout the semester.

→ Good explanations and notes from lectures

2) What aspects of the module could be improved?

Tutorials - tutor very unhelpful - can't answer questions when asked.

Tutor doesn't explain the problems well and his notes aren't very coherent.

3) Any other comments

MA 342 Evaluation Form

1) What aspects of the module did you like?

I love the lectures, Graham is so charismatic and brings the subject to life.

He also puts all notes on-line.

2) What aspects of the module could be improved?

Assignments instead of class tests.

3) Any other comments

MA 342 Evaluation Form

1) What aspects of the module did you like?

The visualisation of the mathematical problems to real life concepts.

The practical aspects were interesting.

2) What aspects of the module could be improved?

The proofs using definitions and other proofs that are continued from metric spaces could be clarified better for those who do not have knowledge of metric spaces.

3) Any other comments

Heavy on proofs and definitions but concepts are really interesting.

MA 342 Evaluation Form

1) What aspects of the module did you like?
I liked the tutorial sheet

2) What aspects of the module could be improved?
I wish we would do a few more examples in class.

3) Any other comments

Sometimes the course seems very distant from the tutorials. It would be good if they were more at the same speed.

MA 342 Evaluation Form

1) What aspects of the module did you like?

I liked that the course was so well-organised,
with good continuity btw. lectures & tutorial work.
Applications to real life ^{problems} were given
& the lecturer was enthusiastic about the subject.

2) What aspects of the module could be improved?

3) Any other comments

MA 342 Evaluation Form

1) What aspects of the module did you like?

I found it interesting to see how Topology applies to the real world and to so many other areas of maths

2) What aspects of the module could be improved?

I didn't feel like I developed a deep understanding of ~~the~~ topology as a whole. So many different areas were discussed but none in particularly great detail. All seemed to be discussed only to a certain point, ~~so that~~ ^{so that} the application of the idea could be ~~seen~~ shown.

3) Any other comments

All in all an interesting course, but perhaps more depth ~~a~~ in certain areas for next year.

MA 342 Evaluation Form

1) What aspects of the module did you like?

I liked that each topic covered included a multitude of examples. Also each topic ~~had~~ proceeded the next and it built up ~~to~~ from the previous topic.

2) What aspects of the module could be improved?

Solutions to the test could be given out.

3) Any other comments

MA 342 Evaluation Form

1) What aspects of the module did you like?

I enjoyed learning about the Euler characteristic and applying it to real life objects.

I also liked the way we were given tests as opposed to assignments that were based on the homework sheet as this really helped me to understand better.

2) What aspects of the module could be improved?

I felt that there were an awful lot of proofs to learn in the problem sheet although I do understand that this is a large part of what the study of topology is.

I also felt that the tutorials did little to further my understanding of the topic.

3) Any other comments

Overall I would say that the way the course is taught / assessed is quite good although quite difficult to understand at times.

MA 342 Evaluation Form

1) What aspects of the module did you like?

well taught. Graham's an extremely friendly & approachable lecturer, concepts were explained well.

2) What aspects of the module could be improved?

✶ The link between topology & computing could have been slightly more emphasised (my personal preference)
e.g. Triangulations used in essentially every computer game that has graphics.

3) Any other comments

Tutorial sessions were not particularly helpful at all. (near useless ~~from~~!)
It was essentially a self-study course.

MA 342 Evaluation Form

1) What aspects of the module did you like?
Dr. Ellis was a good teacher. Good at explaining concepts, patient, approachable, has a passion for the subject and wants to pass that passion on to students. Could be a bit more organised, however.

2) What aspects of the module could be improved?

I really wish professor Ellis had taught the tutorial himself, rather than leaving it up to a separate tutor. Professor Ellis was much better at explaining concepts, and it would have been much more beneficial if he had taught the tutorial himself. I also wish that there had been more communication between Dr. Ellis and the tutor, because we did not go over many problems in the tutorial that we were later tested on.

3) Any other comments

MA 342 Evaluation Form

1) What aspects of the module did you like?

Good examples, with practical examples ~~and~~ which showed ~~should~~ what topology was used for in the real world, gave an insight into why we studied the module.

Working out problems and theorems ~~and~~ on slides in ~~front~~ of lecture made it easier ~~to~~ learn and understand where things came from.

2) What aspects of the module could be improved?

Having ^{class} tests instead of homeworks puts more emphasis on getting a good grade, then reading about and understanding the module in your own time as you would for a homework, so I would have ~~have~~ at least one homework instead of ~~the~~ a class test.

3) Any other comments

MA 342 Evaluation Form

1) What aspects of the module did you like?

I liked that the introduction to the module wasn't very theoretical and made me more interested for the future of the course.

I enjoyed Graham's enthusiasm!

I liked how we were shown various applications of topology to other types of problems.

2) What aspects of the module could be improved?

I think that only having class tests can reduce understanding as you don't have ^{as much} time to work through problems and have more of an understanding of the topic.

3) Any other comments

MA 342 Evaluation Form

1) What aspects of the module did you like?

- Enjoyed the lectures - good structure and easy to follow.
- Online system very easy to use and laid out very well.
Made it easy to revise lecture Notes.
- Lecture Notes were written very clear and neat.

2) What aspects of the module could be improved?

- Tutorials were very poor, and not delivered to a high standard.
- Questions on Problem sheet were not answered very well in tutorials, and at times not answered at all.

3) Any other comments

N/A.

MA 342 Evaluation Form

1) What aspects of the module did you like?

The enthusiasm of the lecturer. Much easier to understand and enjoy a module when the lecturer makes it interesting. eg. "Blue Peter" style classes with Möbius strip!

Also the graphical explanations on everything really helps + makes it much easier.

2) What aspects of the module could be improved?

The tutorials were not properly prepared and therefore were not as beneficial as they should be.

3) Any other comments

Thank You!

MA 342 Evaluation Form

1) What aspects of the module did you like?

Interesting real-world examples to reinforce taught concepts.

Educational, well-delivered lectures with valuable notes.

Interesting course material.

2) What aspects of the module could be improved?

More varied methods of continuous assessment - homeworks
as well as tests.

3) Any other comments

MA 342 Evaluation Form

1) What aspects of the module did you like?

- The proofs about closed sets in the problem sheets
(section 8 I think eg. proof $w = \bar{w} \Leftrightarrow w$ is closed etc.)
- Straightforward in-class tests.
- Interactive lectures.
- Not too much information (manageable.)
- Proofs done which are understandable.

2) What aspects of the module could be improved?

- The earlier part of the course (Euler characteristics) is more for TY students than university students.
- Tutor could improve his English (union is pronounced "you-nee-un" and NOT "onion")

3) Any other comments

MA 342 Evaluation Form

1) What aspects of the module did you like?

- All notes are available online.
- More focused on understanding topology than being able to reproduce it.
- Continuous assessment was class tests rather than assignments.
- Extra links provided to fuel further interest.

2) What aspects of the module could be improved?

- Other problems other than ones already discussed + proved in lectures.

3) Any other comments



MA 342 Evaluation Form

1) What aspects of the module did you like?

It was great to see how topology could be applied to problems in the real world.

Also I liked how there is no ambiguity on what is examinable on the course.

2) What aspects of the module could be improved?

None that I can think of!

3) Any other comments

Thanks Graham!

MA 342 Evaluation Form

1) What aspects of the module did you like?

- I like that we have problem sheets that both cover the content of the course and prepare us for the final exam.
- I like that concepts are explained clearly, with excellent notes that are easy to follow.

2) What aspects of the module could be improved?

- Tutorials need to be improved. It is clear that he is not confident in the subject and this is evident in his inability to answer questions.
- Questions on the ~~an~~ Problem Sheets are not done to a high enough standard in tutorials, so much so that I have needed to pay for grinds. This should not have to be done.

3) Any other comments

I enjoy the course now that I have been getting grinds to help me understand.

MA 342 Evaluation Form

1) What aspects of the module did you like?

I liked ~~the~~ how we were shown the practical applications of topology. I would have thought pure maths was quite limited in "real world" applications but it was very interesting to see otherwise.

2) What aspects of the module could be improved?

The tutorials are quite confusing, it would probably be better if the tutor has answers from the problem sheet prepared before the tutorials as we spend a lot of time in silence while he tries to figure out solutions.

3) Any other comments

Graham's teaching methods are great, they are clear and make the subject more interesting.

MA 342 Evaluation Form

1) What aspects of the module did you like?

- the use of overhead projector.
- the geometric approach to Topology

2) What aspects of the module could be improved?

- the ~~book~~ book by Armstrong wasn't very helpful.
- Computing aspect

3) Any other comments

- good lectures

MA 342 Evaluation Form

1) What aspects of the module did you like?

I liked how the course had plenty of examples and moved at a good pace where a reasonable amount was covered without many noticeable jumps in complexity.

The module was taught with a reasonable emphasis on visual aids which helped to form a better idea of what was happening.

2) What aspects of the module could be improved?

An assignment at some point during the year would be good in my opinion and I didn't find the tutorials very useful compared to the lectures.

3) Any other comments

MA 342 Evaluation Form

1) What aspects of the module did you like?

The multitude of examples and how visual and graphical the lectures were. The lecturer ^(Graham) was very good at explaining concepts and helped me to visualize what we were doing in class.

2) What aspects of the module could be improved?

I suppose some of the proof could've been a little more rigorous

3) Any other comments
Good module in general

MA 342 Evaluation Form

1) What aspects of the module did you like?

Solving practical problems in lectures.

eg: farmer and lasers to count cows

2) What aspects of the module could be improved?

need a better tutor for tutorials!

3) Any other comments

MA 342 Evaluation Form

1) What aspects of the module did you like?

The interactive lectures, everything was made very clear and well structured.

2) What aspects of the module could be improved?

Nothing.

3) Any other comments

Great Lecturer.

MA 342 Evaluation Form

1) What aspects of the module did you like?

- very good notes
- all available on Blackboard
- 30% continuous assessment

2) What aspects of the module could be improved?

- more knowledgeable tutor
- there were ALOT of problem sheet questions
- no past exam papers to study

3) Any other comments

- very friendly and approachable lecturer

MA 342 Evaluation Form

1) What aspects of the module did you like?

- Notes easily available on Blackboard
- Lecturer very approachable
- List of resources made available (i.e. Textbooks, etc).
- Tutorial work

2) What aspects of the module could be improved?

- Having assignments instead of quizzes worth above 5%.

3) Any other comments

MA 342 Evaluation Form

1) What aspects of the module did you like?

Notes were clear and concise and to the point.

Had a clear vision every day of what had to be covered that day.

Tests were very fair.

2) What aspects of the module could be improved?

The tutor wasn't great.

Hadn't prepared solutions in advance of tutorial so spent time in class trying to figure out the solutions.

Didn't explain his answers clearly.

3) Any other comments

MA 342 Evaluation Form

1) What aspects of the module did you like?

All the notes were put up online.

We were always informed of when tests were on in good time.

Lecturer explained work clearly.

2) What aspects of the module could be improved?

The tutor didn't explain his answers clearly.

3) Any other comments

MA 342 Evaluation Form

1) What aspects of the module did you like?

I liked that we were shown some applications of Topology - nice for such an abstract subject, and how it could be applied to other areas of maths.

2) What aspects of the module could be improved?

The course ~~was~~ was very broad. While this gave me a good sample of Topology I felt that I didn't get an in depth understanding of ~~as~~ much.

3) Any other comments

MA 342 Evaluation Form

1) What aspects of the module did you like?

- Very interesting topic
- Plenty of Real-life (relatable) / Visual / Geometric examples which help explain the theory quite well
- Lecturer very approachable and helpful

2) What aspects of the module could be improved?

- Tutor was not overly helpful, arrived unprepared and his answering of questions was sometimes wrong!

3) Any other comments

- Great lecturer, thanks alot!

MA 342 Evaluation Form

1) What aspects of the module did you like?
proofs and theorems are clearly stated in lecture.

2) What aspects of the module could be improved?
The handwriting of tutor in tutorial is not readable. Need full solutions to some typical questions

3) Any other comments

MA 342 Evaluation Form

1) What aspects of the module did you like?

The prof. makes things easier to understand.

2) What aspects of the module could be improved?

Maybe the handwriting of the notes.

3) Any other comments

Change the tutor or ask him to use a mic

MA 342 Evaluation Form

1) What aspects of the module did you like?

- course content was interesting
- relatively engaging lectures
- good lecturer
- in-class exam tests are good preparation for the final

2) What aspects of the module could be improved?

- More fully explained problems in the tutorials
- Maybe replace one of the in class tests with a homework
- Perhaps supplement the lecture notes with more online resources

3) Any other comments

None

MA 342 Evaluation Form

1) What aspects of the module did you like?

Uploading of class notes to webpage, ~~to write~~
in case of missing a key detail while scribbling
down long formulae!

2) What aspects of the module could be improved?

More ~~thorough~~ thorough explanation of topics during
tutorials

3) Any other comments