

## Agent-based modelling - Feedback 2019

Total Questions: 20

Most Correct Answers: #0

Least Correct Answers: #0

1. This course has increased my interest in the topic of agent-based modelling.

7/10  A agree strongly

3/10  B agree

0/10  C neutral

0/10  D disagree

0/10  E disagree strongly

2. I found the presentation based sections of the course useful.

5/10  A agree strongly

4/10  B agree

0/10  C neutral

0/10  D disagree

0/10  E disagree strongly

3. I found the practical exercises useful.

9/10  A agree strongly

0/10  B agree

0/10  C neutral

0/10  D disagree

0/10  E disagree strongly

4. I found the "cinema" presentations useful.

2/10  A agree strongly

7/10  B agree

0/10  C neutral

0/10  D disagree

0/10  E disagree strongly

5. I found the group project useful.

8/10  A agree strongly

1/10  B agree

0/10  C neutral

0/10  D disagree

0/10  E disagree strongly

6. The diversity of teaching methods employed (lectures, exercises, individual work, group work, project, plenum discussions ...) contributed to my learning success.

3/10  A Yes, the approach was almost perfect for me.

4/10  B Yes, the approach was well suited to me.

0/10  C I would have preferred more slide-based lectures.

3/10  D I would have preferred more individual work.

1/10  E I would have preferred more group work.

1/10  F I would have preferred more discussions as a class.

3/10  G I would have preferred more guided programming (develop code together as a class).

0/10  H No, the mix was not well suited to me.

0/10  I No, the mix was completely unsuitable for me.

7. I found the reflection and recap via the socratic multiple choice questions useful.

6/10  A agree strongly

3/10  B agree

0/10  C neutral

0/10  D disagree

0/10  E disagree strongly

8. I found the work with the studIPad useful (to share model questions on the first day).
- 4/10  A strongly agree
- 3/10  B agree
- 2/10  C neutral
- 0/10  D disagree
- 0/10  E strongly disagree
9. I have referred to the glossary on the back of the name tags ...
- 5/10  A ...more than once.
- 4/10  B ...once.
- 0/10  C ...once or twice, but I didn't find it useful.
- 0/10  D ...not really, but I still find it useful.
- 0/10  E ...not at all.
10. The form of exam (presentation(s)) was appropriate for this course.
- 6/10  A agree strongly
- 3/10  B agree
- 0/10  C neutral
- 0/10  D disagree
- 0/10  E disagree strongly
11. Help during exercises and code development was ...
- 8/10  A ... readily available and competent.
- 0/10  B ... competent, but delayed.
- 1/10  C ... readily available and relatively competent.
- 0/10  D ... readily available but not always competent.
- 0/10  E ... not always competent and excessive delays.

12. I took time prior to the course to familiarise myself with the topic (read articles, did tutorials, etc.)

2/10 (A) agree strongly

2/10 (B) agree

3/10 (C) neutral

2/10 (D) disagree

0/10 (E) disagree strongly

13. Overall, I found this course ...

3/10 (A) beyond excellent

5/10 (B) excellent

1/10 (C) very good

0/10 (D) good

1/10 (E) significantly above average

0/10 (F) slightly above average

0/10 (G) average

0/10 (H) slightly below average

0/10 (I) significantly below average

0/10 (J) bad

0/10 (K) very bad

0/10 (L) awful

0/10 (M) beyond awful

14. What are the one or two most important aspects that you have learnt in this course?

Anon anon145ca14da87349af

- Basic model building in NetLogo
- Thinking and formulating a question (ODD protocol)

Anon anon2febe1d1a7ba4715

The course dynamics in general, combining lessons and practical work almost at the same time; the organization of all classes (amount of lessons fit with available time); the high professionalism of the teachers, explaining difficult subject in a quite easy language; the patience from the teachers when helping out, and always with a smile on their face.

Anon anon78b1070f01c44fc1

conceptualization is most important

Anon anon828681c05d9543ec

Modelling project planning  
The 'preprocessing' stage is very important. That is model concept.

Anon anon903e72e118524749

- Documenting/writing things down helps to understand your own concept in more detail
- Having a good concept is very important, time you spend here will pay out in the end

Anon anonb706b66b09e94c42

- all modelers suffer from a lack of data, it's not just me...
- have a look at the extensions could be interesting

Anon anonca657331aa594814

research question and conceptual model are the key component of modeling. Take time, they will be your guide on your project. Be patient.

Anon anon90c314781aa42d7

how great the group work can be worked on  
the real use of modeling

Anon anondda8dd24f23f4484

The instructors were seriously involved with the students which made it much more interesting.

15. Would you recommend this course to others? Why/why not?

Anon anon145ca14da87349af

I would recommend the course to others because it is a good mix of theory and practical components. The course provides a solid foundation in IBM/ABM and NetLogo.

Anon anon2febe1d1a7ba4715

Yes, definitely. I found this course is, if not the best, one of the most interesting courses I've ever attended. Not only in terms of ABM skills competences acquired during the week, but also in terms of how it was organized and planned from the very beginning.

Anon anon78b1070f01c44fc1

Yes, it is the best module, what you could do in a week

Anon anon828681c05d9543ec

Definitely. the tutors are also extremely nice and helpful. Katrin is so down to earth and warm. Craig is awesome too. Mark and Marco as well. You demystified modelling for me.

Anon anon903e72e118524749

Yes! It doesn't only provide a start with netlogo but also covers indirectly some important softskills you need as a researcher. Teachers were the greatest!

Anon anonb706b66b09e94c42

Yes. Many people don't see the value of NetLogo and ABM, the course shows that its helpful and interesting.  
(And it's a nice option for everybody looking for modules during the summer break...)

Anon anonca657331aa594814

I would recommend this course if they are in Agent-based Modeling

Anon anon90c314781aa42d7

of course of course every people from ecology should take this course. they can learn not only netlogo but also the whole concept of modeling and abm

Anon anondda8dd24f23f4484

Definitely. I have taken a few other online courses but nothing comes closes to this one.

16. Which aspect was especially good and should be maintained in the future?

Anon anon145ca14da87349af

I feel that all aspects of the course were useful, particularly the group projects, practical components and theory components.

Anon anon2febe1d1a7ba4715

The way the course is organized in just one week, there is perfect balance between complexity of lessons, high levels of frustration, and overall learning!

Anon anon78b1070f01c44fc1

course structure was the best

Anon anon828681c05d9543ec

Socratic. nice that we generated the questions and also answered them. Reflective learning is a good form of learning.

Anon anon903e72e118524749

Quiz, interactive parts, discussions

Anon anonb706b66b09e94c42

cookies :)

Anon anonca657331aa594814

course is so interactive, push students to think a lot. Group tasks are good for learning process, may be adding more individual task can be better.

Anon anon90c314781aa42d7

air conditioning in Cip room or the better weather would be very good. hehehehhehehe

Anon anondda8dd24f23f4484

The interactive exercises and the socratic part was very interesting.

17. What weaknesses does the course have in your view (and how could they be overcome in the future)?

Anon anon145ca14da87349af

I don't feel that the course had any major weaknesses. Perhaps the cinema section could be cut down to only a couple of times except every day.

Anon anon2febe1d1a7ba4715

Not many - I wish I had more time to do the first Netlogo tutorials (1 and 2) so that to settle down basic concepts.

Anon anon78b1070f01c44fc1

could be longer (number of days)

Anon anon828681c05d9543ec

Well, sometimes I didn't hear the instructors because they brought their voices low to make a point or a joke. A couple of people said so to me too.

Slides / lectures in the afternoons is not so effective cos we are tired. more interaction in the afternoons rather than more talk.

Anon anon903e72e118524749

Maybe starting at 8 am and then finishing at 5pm instead of an hour later? Yes my opinion though...

Anon anonb706b66b09e94c42

Not a weakness, but a personal preference:

Already start with NetLogo in the first day (more about programming, a bit less about modeling in general),  
have some advanced programming tasks/ examples using less common primitives and including extensions

Anon anonca657331aa594814

It is not easy to teach ABM and NetLogo in a week. Course program was compact and useful, in each (day)step.

May be much more time, but I am not sure. If course duration would be 2 weeks, it could not be enough, yet.

Anon anon90c314781aa42d7

it is not the weaknesses at all but it would be better if we get the whole feedback about our model for example, ask us how we can improve our models and we answer, then next we get the feedback of our model. but MORE SPECIFICALLY

how should we do more the sensitivity or uncertainty analysis or the function of modeling blah blah

Anon anondda8dd24f23f4484

No apparent weakness to be honest.

18. What aspects can be improved in the Pre-Seminar?

Anon anon145ca14da87349af

I did not participate in the pre-seminar.

Anon anon2febe1d1a7ba4715

N/A

Anon anon78b1070f01c44fc1

nothing much

Anon anon828681c05d9543ec

hmmmm.....I dont know..... hahaha

Anon anon903e72e118524749

It was good as it was... no idea, sorry

Anon anonb706b66b09e94c42

Set the time limit to 15 min (20 min aren't necessary to summarize a 3 page paper)

Make presentation part of the final grade.

-> Less pressure to do everything perfect in 5 min

-> Would reward the effort

Anon anonca657331aa594814

It was ok

Anon anon90c314781aa42d7

Nothing. it was beautiful  
maybe more participants?

Anon anondda8dd24f23f4484

Did not attend the pre-seminar.

19. What is your favourite NetLogo primitive?

Anon anon145ca14da87349af

other :)

Anon anon2febe1d1a7ba4715

"random-float" - I've been reviewing the meaning more than once during the week :)

Anon anon78b1070f01c44fc1

ifelse

Anon anon828681c05d9543ec

ifelse.... I kept wondering what i-felse is, until Katrin told me it `S IF ELSE.....

these Germany keyboards though. ....still go to z when I want y.... lol

Anon anon903e72e118524749

stamp

Anon anonb706b66b09e94c42

die

It simplifies everything immediately!

(But I'm looking forward to trying 'map' in the future!)

Anon anonca657331aa594814

hatch

Anon anon90c314781aa42d7

set

set

set

set

set!

let!

Anon anondda8dd24f23f4484

[die]

## 20. Additional comments:

**Anon anon145ca14da87349af**

Overall, I really enjoyed the course. A big thank you to everyone who organised and ran the course :)

**Anon anon2febe1d1a7ba4715**

Best course ever, thank you so much for all!!

**Anon anon78b1070f01c44fc1**

it is very intensive course for a week, but again that is the best part. I felt like a programmer for a week, eventhough i am very bad at time

**Anon anon828681c05d9543ec**

Thanks Tutors.....

**Anon anon903e72e118524749**

Thanks for the awesome week and for being such nice and funny teachers. I can tell that there was a lot of effort involved in preparing and I really appreciate it. It really makes a difference for student motivation if teachers are motivated and share so much personal views as you guys were and shared. Thank you so much!

**Anon anonb706b66b09e94c42**

Thanks a lot!

Course was very well-prepared  
Long days, but time has passed quickly

How about a Python course?

**Anon anonca657331aa594814**

Thank you for every contributions

**Anon anon90c314781aa42d7**

Craig eat too much cookies from us!

**Anon anondda8dd24f23f4484**

It was an absolutely brilliant experience. Thank you all.