Q1.1: Are you a Bachelor or Master's student at the UvA?

* Bachelor = 215
* Master = 9

Q1.2: What is the name of the program you are enrolled in at the UvA?

* Biology = 63
* Psychobiology = 121
* Biomedical Sciences = 30
* Beta gamma = 2
* Masters:
  + EBM = 5
  + FMB = 2
  + E&E = 1
  + Neuroeconomics = 1

Q1.3: Mean age = 20.01

Q2.1: What is the main reason that you went to university

* 1. It was the most logical step after high school = 105
* 2. I enjoy learning new things = 72
* 3. I want a well-payed job = 11
* 4. My social environment (friends / family / etc.) expected it from me = 3
* 5. I want to have a specific profession later = 27
* 6. Other, namely:
  + 1: “Other education didn't have certain aspects that fit my personal need”
  + 2: “Most fun”
  + 3: “It had the only programs I was interested in (unlike hbo or mbo)”
  + 4: “I want a job I enjoy later, this will get me in a direction I like.”

Q2.2: Why did you choose to study the program that you are currently studying?

* Academically challenging: 1
* Topics of interest: 112
* Opportunity to help people / make the world a better place: 1
* This came as close as to what I actually wanted to (but couldn’t) study: 4
* I want to have a specific profession / do a specific Masters later: 7
* Most fun studies I could find: 3

Q2.3: What are at this moment your main areas of interest within the field of biology?

* 1. No preference: 10
* 2. Evolution: 11
* 3. Phylogeny: 1
* 4. Celbiologie / Moleculaire biologie: 14
* 5. Diergedrag: 2
* 6. Neurobiologie: 68
* 7. Perceptie en cognitie: 22
* 8. Psychologie: gedrag en cultuur: 23
* 9. Genetica en ontwikkeling: 14
* 10. Fysiologie en anatomie: 13
* 11. Voeding / metabolisme: 5
* 12. Psychiatrie / klinische neuropsychologie: 14
* 13. (Neuro)imaging: 2
* 14. Biofysica: 2
* 15. Microbiologie: 1
* 16. Milieu / ecologie: 2
* 17. Bioethiek en (neuro)filosofie: 2
* 18. System biology (brein, populatiedynamica, etc.): 2
* 19. Bioinformatica: 1
* 20. Entomology: 1
* 21. Mycology: 1
* 22. Immunologie: 23
* 23. Medicine and pathologies: 21
* 24. Green life sciences: 1

Q3.1: What do you consider the most useless subject, course and/or topic you have ever learned / had to study during you time in school or university?

* Economics, social studies & psychology: 6
* Genetics: 4
* Languages: 13
* Theology: 2
* None / no idea: 14
* Philosophy: 17
* Academic skills / logic / argumentation: 6
* Computer sciences / programming: 3
* Mathematics: 18
* Statistics: 2
* Ecology: 3
* Chemistry: 1
* Evolution / evolutionary topics: 8
* PE: 3
* Arts: 3
* Geography: 5
* Plant biology: 1
* Anatomy / physiology: 2
* Physics: 2
* History: 3
* Other (too vague or too detailed): 7

Q3.2: Essential in the field of biology

* Statistics: M = 4.32, SD = 0.531
* Philosophy: M = 3.26, SD = 0.957
* Chemistry: M = 4.09, SD = 0.706
* Mathematics: M = 3.55, SD = 0.810
* Physics: M = 3.50, SD = 0.911

Q3.3: State to what extent you agree with the following statements

* I find it important to understand the relevance of a subject / course: M = 4.34, SD = 0.615
* A subject / course must have a concrete application in biology: M = 3.55, SD = 0.944
* All courses I take are relevant to me: M = 3.32, SD = 1.068
* As a biologist, I should know a lot about other scientific fields too: M = 3.68, SD = 0.853

Q3.4: State to what extent you agree with the following statements

* Mathematics helps me explore the limits of my thinking: M = 3.19, SD = 1.052
* Mathematics is nothing more than a thought experiment: M = 2.45, SD = 0.991
* Models do not do justice to reality: M = 2.85, SD = 0.929
* Humanity would be nowhere without well-functioning models: M = 3.36, SD = 0.955
* Philosophy makes me look at things differently: M = 3.83, SD = 0.924
* Philosophy is not of practical use for me: M = 2.54, SD = 1.112

Q3.5: State to what extent you agree with the following statements

* Theories should not remain too vague: M = 4.03, SD = 0.823
* Theories are best when they have a practical application in the world: M = 3.85, SD = 1.061
* Theory and practice should be closely connected: M = 3.91, SD = 0.952
* Theories can be somewhat general in order to describe reality properly: M = 3.73, SD = 0.812

Q4.1: What type of job do you envision to have after your studies / time in university?

* Researcher / “scientist” : 56
* Physician / medical profession / psychologist / psychiatrist / clinical work: 33
* Science journalist / communication: 3
* Teacher / consulting: 7
* Starting / working in / leading a business / bedrijfsleven: 2
* No (concrete) idea: 31
* Other: 6

Q4.2: State to what extent the following statements apply to you

* If I want to know something about the world, I will go out into the world: M = 3.55, SD = 1.109
* I like to learn about the world through the internet or books: M = 4.10, SD = 0.772
* I want to physically see what I measure or research: M = 3.87, SD = 1.006
* I often philosophize about the world: M = 3.64, SD = 1.204
* I learn a lot by being outdoors: M = 3.67, SD = 0.988
* I prefer to study organisms in their natural habitat: M = 3.60, SD = 1.043
* I prefer going through life without having to use a computer: M = 2.55, SD = 1.244
* The best way for me to generate knowledge is to think about it myself: M = 3.24, SD = 1.032
* I enjoy being in a laboratory: M = 3.57, SD = 1.172
* I prefer to study organisms in a controlled setting: M = 3.04, SD = 0.983

Q5.2: When conducting research, which stages / steps do you enjoy the most?

* 1. Reviewing literature / reading about the topic: 113
* 2. Formulating the research question and hypothesis: 53
* 3. Figuring out which research method(s) to use: 57
* 4. Data collection: 146
* 5. Data analysis: 69
* 6. Reporting / writing: 71
* 7. Presenting the research: 80
* 8. Implementing research results: 75
* 9. Other, namely: 3
  + “Critical evaluation of research and findings”
  + “Discussing with my team what we want to do and how they see things differently”
  + “Discussion/philosophical”

Q5.3: State to what extent the following statements apply to you

* I have once come up with a theory myself: M = 2.75, SD = 1.383
* I have once proven a theory: M = 2.61, SD = 1.362
* I feel confident in doing a complete research by myself: M = 2.50, SD = 1.165
* I often think about how the world is structured: M = 3.99, SD = 0.967
* If I can't explain something, I look for explanations: M = 4.23, SD = 0.725

Q5.4: State to what extent you agree with the following statements

* Sometimes science makes things unnecessarily complicated: M = 3.40, SD = 1.179
* Reality is simple: M = 1.78, SD = 0.964
* Everything can be solved if you think about it long enough: M = 2.21, SD = 1.213
* Science can explain everything in the universe: M = 2.53, SD = 1.301
* Scientists are better at discovering new knowledge and inventions than non-scientists: M = 3.40, SD = 1.144

Q6.1: What is for you the best way(s) to complete a course / achieve a grade? Choose a maximum of 3 options.

* 1. Written exam = 134
* 2. Practical = 119
* 3. Research report = 82
* 4. Oral exam = 27
* 5. Presentation = 59
* 6. Essay = 65
* 7. Participation / effort = 99
* 8. Other, namely:
  + 1. “It depends on the course whether practical or theoretical knowledge is necessary.”
  + 2. “You can ignore this, but doesn't this depend on the course?”

Q6.2: State to what extent the following statements apply to you

* I like to have a variety of subjects / courses during my studies: M = 4.37, SD = 0.823
* I will not have to use everything I have learned in school / university later in my life / career: M = 3.98, SD = 0.988
* I get too many different subjects / courses in a (study) year: M = 2.48, SD = 1.052
* It takes time for knowledge / course material to get into my system: M = 3.93, SD = 1.047
* When studying complex material, there can be an "euraka moment" which makes me understand something from one day to the other: M = 4.20, SD = 0.908

Q6.3: State to what extent the following statements apply to you

* I need practical examples to understand complex subjects: M = 4.01, SD = 0.946
* Too many details confuse me: M = 3.30, SD =1.126
* I need to put things into words to understand them: M = 3.55, SD = 1.051
* I need to understand something first before I can put it into practice: M = 3.78, SD = 1.179
* Writing about a topic helps me to better understand a subject: M = 3.82, SD = 0.993
* I could fully understand complex topics using only images: M = 2.99, SD = 1.236
* I understand difficult material best if I can talk about it with someone: M = 4.07, SD = 0.912

Q7.2: Which learning activities help you learn the most? Choose a maximum of 3 options.

* 1. Tutorials (“werkgroepen”) = 93
* 2. Laptop-based practical (“laptopcollege”) = 31
* 3. Lectures = 143
* 4. Fieldwork = 27
* 5. Practicals (including labwork) = 108
* 6. Self-study = 140
* 7. Discussion groups = 51
* 8. Other, namely:
  + 1. Recorded lectures specifically
  + 2. Video’s (or pictures)
  + 3. Youtube
  + 4. Giving and receiving feedback
  + 5. Study session with friends

Q7.3: State to what extent the following statements apply to you

* I focus on biology, leave the other scientific fields to others: M = 2.72, SD = 1.192
* If complex mathematics is needed, I ask a mathematician: M = 3.68, SD = 1.084
* If I need a computational model, I will (try to) build it myself: M = 2.80, SD = 1.173
* Philosophers know better than me how to answer fundamental questions: M = 2.83, SD = 1.084
* I like to figure out how things work on my own: M = 4.01, SD = 0.898
* I learn more things during my studies than I will need later in my life / career: M = 3.79, SD = 1.037
* If I don't know how to do something, but I need the skill, I want to learn it myself: M = 3.88, SD = 0.822

Q7.4: State to what extent the following statements apply to you

* I prefer figuring things out myself rather than having someone explain them to me: M = 3.23, SD = 1.104
* I want to be able to execute all parts of the research process myself: M = 3.41, SD = 1.168
* I accept things as they are: M = 3.16, SD = 1.130
* I can work with something without completely understanding it: M = 3.24, SD = 1.107
* I learn best with others: M = 3.39, SD = 1.053
* I learn best from others: M = 3.55, SD = 0.910
* I like other scientific disciplines as much as biology: M = 3.06, SD = 1.286
* I am as good in other scientific disciplines as in biology: M = 2.87, SD = 1.244