

STUN Questionnaire

STUN - Survey of Teaching Undergraduate Neuroanatomy.

The following Questionnaire has been designed in order to accurately capture how neuroanatomy is taught to undergraduates across the UK. The focus of this is to understand how the Neurology and Neurosurgery Interest Group (NANSIG - a national student group that supports undergraduate education and research) can best provide further educational opportunities that complement the currently available teaching.

All responses are confidential and data will be anonymised - no individual medical school data will be publishes with the exception of case studies with permission from the medical school.

1. 1. Name of medical school

2. 2. Interviewee job title

3. 3. How is neuroanatomy teaching delivered at your medical school? (Select all that apply)

Check all that apply.

- Lectures
- Tutorials/Seminars
- Dissection
- Prosection (Including 3d models)
- E-learning
- Self-directed learning
- Problem based learning (PBL)
- Case based learning (CBL)
- Virtual/Augmented reality
- Other: _____

4. 4 (i). How many hours are dedicated to each teaching mode?

Mark only one oval per row.

	N/A	1 hour	2 hours	3 Hours	4 hours	5 hours	6 hours	7 hours	8 hours	9 hours	10 hours	More than 10 hours *
Lectures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tutorials/Seminars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dissection	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Prosection	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
E-learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Self Directed learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

5. 4 (ii). If responded "More than 10 hours" for any teaching modes, please specify below.

6. 4 (iii). If 'other' teaching mode selected in 3, please specify time dedicated to this below.

7. 5. Excluding self-directed learning, during which years of the course is neuroanatomy teaching included? (Select all that apply)

Check all that apply.

- Year 1 (Pre-clinical 1)
- Year 2 (Pre-clinical 2)
- Pre-Clinical Year 1 (Graduate entry course)
- Year 3 (Clinical 1)
- Year 4 (Clinical 2)
- Year 5 (Clinical 3)

8. 6. Who is involved in providing neuroanatomy teaching? (Select all that apply.)*Check all that apply.*

- University staff (Medically-qualified)
- University staff (Not medically qualified)
- Clinicians (Trainees)
- Clinicians (Consultants)
- Medical Students
- Other: _____

9. 7. Which neuroanatomy topics are covered in your taught material? (Select all that apply)*Check all that apply.*

- Cranial bones
- Spinal vertebral anatomy
- Scalp anatomy
- Meninges (Cranial)
- Meninges (Spinal)
- Intracranial blood supply
- Extracranial blood supply
- Venous sinuses
- Cortical anatomy
- Sub-cortical anatomy (Ascending + Descending tracts)
- Basal ganglia and thalamus
- Hypothalamus
- Pituitary
- Brainstem
- Spinal cord
- Peripheral nervous system (Somatic)
- Peripheral nervous system (Autonomic)
- Cranial nerves

10. 8. How is neuroanatomy assessed at your medical school? (Select all that apply)

Check all that apply.

- SBA/MCQ written exam
- Written exam - white space questions (short answer/long answer)
- OSCE
- Viva/Oral exam
- Anatomy spot test (on dissections, models or radiological images)
- Dissection-based assessment
- Essay examination
- Essay coursework
- Other: _____

11. 9. During which year(s) is neuroanatomy assessed summatively? (Select all that apply)

Check all that apply.

- Year 1 (Pre-clinical 1)
- Year 2 (Pre-clinical 2)
- Pre-Clinical Year 1 (Graduate entry course)
- Year 3 (Clinical 1)
- Year 4 (Clinical 2)
- Year 5 (Clinical 3)

12. 10 (i). Are there any mandatory competencies or supervised learning events (SLEs) relevant to neuroanatomy in your curriculum? (E.g. cranial nerve examinations, scan interpretations, presentations)

Mark only one oval.

- Yes
- No

13. 10 (ii). If yes to above, please specify below.

14. 10 (iii). If yes to (i), how are these assessed? (Select all that apply)

Check all that apply.

- Portfolio
- Logbook
- Mini-CEX
- CBD
- Reflections
- OSCE
- Other: _____

15. 11. Are optional student selected components or elective modules, relevant to neuroanatomy, offered as part of your course? (e.g. principles of neurosurgery, neuroradiology, clinical neurology).

Mark only one oval.

- Yes
- No

16. 12. Are intercalated degree modules related to neuroanatomy offered? (e.g. Clinical neurosciences, anatomy, neurosurgery)

Mark only one oval.

- Yes
- No

17. 13. Are undergraduate neuroanatomy prizes/competitions offered in your medical school?

Mark only one oval.

- Yes
- No

18. 14 (i). Have students sought or arranged additional neuroanatomy teaching in order to further their knowledge?

Mark only one oval.

- Yes
- No

19. 14 (ii). If yes to (i), who has provided this?

Check all that apply.

- University staff (Additional faculty led sessions)
- Internal student society (e.g. local NeuroSoc, Surgical society etc)
- External student society (e.g. NANSIG)
- Professional association/society (e.g. RCS, ASiT, SBNS)
- Other: _____

20. 15 (i). Are external Neuroanatomy competitions advertised or recommended by your faculty?

Mark only one oval.

- Yes
- No

21. 15 (ii). If yes to (i), please specify below.

22. 16. Are students able to provide feedback specifically regarding the teaching of neuroanatomy?

Mark only one oval.

- Yes
- No

23. 17 (i) . Are there plans to introduce or make changes to your curriculum regarding neuroanatomy?

Mark only one oval.

- Yes
- No

24. **18 (i). If yes, will there be input from students? (No, Individual surveys, focus groups, society, Committee, reps, recent alumni)**

Check all that apply.

- N/A
- No
- Yes - Student surveys
- Yes - Focus groups
- Yes - Student society input
- Yes - Student reps
- Yes - Student committee
- Other: _____

25. **Further comments or additional points (if relevant)**

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