Research Master
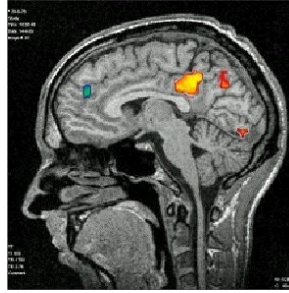# Behavioural and Cognitive Neurosciences

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bcn
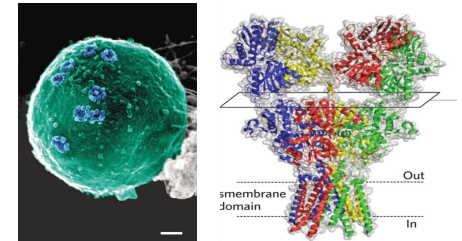
Behavioral and
Cognitive
Neurosciences

Cognitive Neurosciences

C

Research Master

B

Behavioural
Neurosciences

N

Molecular & Clinical
Neurosciences

BCN: Organization

> Courses and researchers from 5 different faculties:

- Science and Engineering (organizing faculty)
- Behavioural and Social Sciences
- Medical Sciences
- Arts
- Philosophy

bcn

Behavioral and
Cognitive
Neurosciences

Students become "T-Shaped " Researchers

> Depth through Specialization: Behavioural, Cognitive, or Molecular Neuroscience: B, C, and N track

> Breadth through multidisciplinary training: Students also learn about the methods, aims and findings in other fields of neuroscience research.

Behavioral and Cognitive Neurosciences

What do B, C, and N mean?

> **B track:** animals, behaviour, animal models of cognitive functions, genetics, hormones, neurotransmitters

> **C track:** humans, cognition, psychiatry, neuroimaging, computational modeling

> **N track:** proteins and cells, animal models of brain disease, molecular pathways and mechanisms

Behavioral and Cognitive Neurosciences

Program

> Year 1 (60 EC)

Course	EC
Introduction to BCN	3
Career Related Topics	2
Advanced Statistics	5
Track courses (4*5 EC)	20
Minor thesis	29
BCN Summer Symposium I	1

> Year 2 (60 EC)

Course	EC
Colloquium	4
Elective courses (3*5 EC)	15
Major thesis	40
BCN Summer Symposium II	1

Only formal difference between tracks

Program

> Year 1 (60 EC)

Course	EC
Introduction to BCN	3
Career Related Topics	2
Advanced Statistics	5
Track courses (4*5 EC)	20
Minor thesis	29
BCN Summer Symposium I	1

> Year 2 (60 EC)

Course	EC
Colloquium	4
Elective courses (3*5 EC)	15
Major thesis	40
BCN Summer Symposium II	1

Possibility to take course from other tracks, other programs, or BCN electives

Program

> ## Year 1 (60 EC)

Course	EC
Introduction to BCN	3
Career Related Topics	2
Advanced Statistics	5
Track courses (4*5 EC)	20
Minor thesis	29
BCN Summer Symposium I	1

> ## Year 2 (60 EC)

Course	EC
Colloquium	4
Elective courses (3*5 EC)	15
Major thesis	40
BCN Summer Symposium II	1

Joint program for B, C and N

Program

> ## Year 1 (60 EC)

Course	EC
Introduction to BCN	3
Career Related Topics	2
Advanced Statistics	5
Track courses (4*5 EC)	20
Minor thesis	29
BCN Summer Symposium I	1

> ## Year 2 (60 EC)

Course	EC
Colloquium	4
Elective courses (3*5 EC)	15
Major thesis	40
BCN Summer Symposium II	1

Two large research projects!

Minor and Major Theses

> Minor thesis: year 1, 29 EC, in Groningen

And many more ….

Minor and Major Theses

> Minor thesis: year 1, 29 EC, in Groningen
> Major thesis: year 2, 40 EC, in or outside Groningen

The *THE* World University Rankings Top 800

The World University Rankings are a global affair, but as with so many things, some parts of the planet are more equal than others. This image maps the positions of all the institutions in this year's analysis. Despite globalisation, it shows how North America and Western Europe still dominate international HE

Countries listed in the *THE* top 800

Country		Country		Country	
Argentina	2	India	17	Qatar	1
Australia	31	Indonesia	1	Republic of Ireland	9
Austria	7	Iran	8	Romania	4
Bangladesh	1	Israel	6	Russian Federation	13
Belarus	1	Italy	34	Saudi Arabia	3
Belgium	7	Japan	41	Serbia	1
Brazil	17	Jordan	2	Singapore	2
Canada	25	Kenya	1	Slovakia	2
Chile	6	Latvia	1	Slovenia	2
China	37	Lebanon	2	South Africa	8
Colombia	2	Lithuania	1	South Korea	24
Cyprus	1	Luxembourg	1	Spain	25
Czech Republic	9	Macao	1	Sweden	11
Denmark	6	Malaysia	5	Switzerland	10
Egypt	3	Mexico	2	Taiwan	24
Estonia	2	Morocco	1	Thailand	7
Finland	9	Netherlands	13	Turkey	11
France	27	New Zealand	7	Uganda	1
Germany	37	Nigeria	1	UK	78
Ghana	1	Norway	4	Ukraine	2
Greece	7	Oman	1	United Arab Emirates	2
Hong Kong	6	Pakistan	2	US	147
Hungary	6	Poland	7		
Iceland	1	Portugal	7		

Note: Many data points represent multiple institutions, depending on their real-world proximity

Summer Symposium

> Year 1 (60 EC)

Course	EC
Introduction to BCN	3
Career Related Topics	2
Advanced Statistics	5
Track courses (4*5 EC)	20
Minor thesis	29
BCN Summer Symposium I	1

> Year 2 (60 EC)
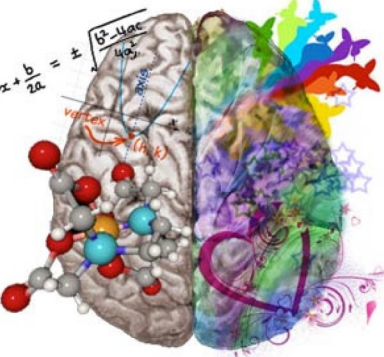
Course	EC
Colloquium	4
Elective courses (3*5 EC)	15
Major thesis	40
BCN Summer Symposium II	1

Students present their research in the summer symposium

Examples Minor and Major Theses

BCN Summer Symposium

29th and 30th of June 2015

Bernoulliborg Zernike Campus Groningen, room 151

BCN SUMMER SYMPOSIUM

2&3 July

BCN Summer Symposium

1st of July

Programs of summer symposia available through email

BCN is quite successful

- › 75% of the students graduate in two years

- › 25-50% cum laude

- › 75% obtain a PhD position during the ReMa

- › Top Rated Programme (higher education guide)

Behavioural
and Cognitive
Neurosciences

How to Apply?

> https://www.rug.nl/fse/education/admission-application/apply-msc/

> Curriculum vitae
> BSc diploma's or certified transcript of records
> BCN checklist including motivation and track preference
> Contact information for 2 references.

Behavioural
and Cognitive
Neurosciences

More information?

BCN website: http://www.rug.nl/masters/behavioural-and-cognitive-neurosciences-research/

B-track: https://ocasys.rug.nl/current/catalog/programme/60615-5541

C-track: https://ocasys.rug.nl/current/catalog/programme/60615-5542

N-track: https://ocasys.rug.nl/current/catalog/programme/60615-5543

Questions?

Behavioural
and Cognitive
Neurosciences