

ONLINE



## Online Course in Higher Neuroscience Coaching

Presented by the Faculty of Health Sciences, University of Pretoria

It is essential for any people development practitioner and performance improvement professional to have an accurate understanding of how the human mind works, learns and thinks. To validate and improve practices like coaching, teaching, talent development and performance improvement, it has to be grounded in neuroscience to ensure better efficiency, accuracy and results. You can't improve what you can't measure. If you want to optimise performance you need to know how the drivers that optimise brain performance will impact a person's unique neurological design. Neuro-Link has developed the most comprehensive neuroscientific assessment yet, to determine this.

The **Online Course in Higher Neuroscience Coaching** is a brain profile practitioner programme for coaches, sports coaches, educators, trainers, therapists, counsellors, psychologists, consultants and organisations to learn the fundamentals of the neuroscience of learning, thinking and how the brain processes information.

Brain profile practitioner training is a self-study programme for practitioners who are passionate about developing people and who want to identify their potential and improve performance. The programme will enable them to become certified practitioners of one of many brain profile assessments that Neuro-Link offers to adults, students and children. It consists of videos, manuals, infographics, assessments and assignments.



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*Shifting knowledge to insight*



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## Course content

### Module 1: Muscle physiology

- Skeletal muscle
- Smooth muscle
- Cardiac muscle

### Module 2: Neurophysiology

- Introduction and organisation of the nervous system
- Cells of the nervous system
- Electrical signal transmission in neurons
- Cell-to-cell communication in the nervous system
- Anatomy of the central nervous system
- Brain function

### Module 3: Afferent division: sensory physiology

- General properties of sensory systems
- Somatic senses
- The ear: hearing and equilibrium
- The eye and vision

### Module 4: Efferent division: autonomic and somatic motor control

- The autonomic division
- The somatic motor division

### Module 5: Integrative nervous physiology

- Neural and autonomic reflexes
- Autonomic reflexes
- The integrated control of posture and body movement

### Module 6: Understanding how the brain works

- Meet your amazing brain
- Electro-chemical functioning of the brain
- How the brain processes information
- How behaviour is formed
- Drivers influencing brain performance

### Module 7: Understanding the learning implications of the brain

- Learning implications of brain areas
- 4 brain states
- Discovering your unique, amazing neurological design

### Module 8: Interpreting the unique learning receptiveness profile

- Understanding the Learning Receptiveness Profile™
- Defining and understanding brain and sensory dominance
- Structure to interpret a brain profile assessment
- Practical debriefing of a brain profile assessment

### Module 9: How to compile the learning receptiveness profile

- Preparing to compile a brain profile
- Outline for doing a brain profile assessment
- How to compile a brain profile assessment
- How to do a brain profile assessment debriefing
- Practical exam

### Module 10: Business fundamentals

- Business fundamentals
- Implications of your practitioner's agreement
- Ethical conduct
- Theoretical assignment

## Learning outcomes

After completion of this programme, practitioners will be able to

- identify neurological and learning hindrances
- reduce risk of human error
- accurately assess people's neurological design and learning potential
- measure and enhance brain performance
- maintain brain health
- debrief individuals on their neuro-design and the drivers that optimise their performance
- debrief teams on what the team profile and character looks like and the unique contribution each team member can make in the team
- accelerate people's learning results, and
- use Neuro-Link's assessment as a revenue stream to generate income.

Once the assignments have successfully been completed and the prospective practitioner has passed with 80% or more, Neuro-Link will certify the practitioner.

## Who should enrol?

This course is ideal for you if you are a coach, sports coach, educator, trainer, therapist, counsellor, psychologist, or consultant.

## Course fees

### R15 000.00 per delegate (VAT incl.)

Course fees include all course material, refreshments and other materials.

**Course fees must be paid in full 14 days prior to course start dates. Proof of payment can be submitted to [enrolments@enterprises.up.ac.za](mailto:enrolments@enterprises.up.ac.za).**

## Admission requirements

Prospective delegates should have completed the **Introduction to Neuroscience Coaching** short course.

## Accreditation and certification

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## Registration and enquiries

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