

Questionnaire

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| Training Organisation | University of Brasilia |
| Country | Brazil |
| First Name | Andre |
| Last Name | Assis |
| E-mail | aassis@unb.br |
| Town | Brasilia |

Courses offered

| Programme ¹ | Course | Semester | Type ² | Hrs ³ | CP ⁴ | Syllabus |
|------------------------|----------------------|----------|-------------------|------------------|-----------------|--|
| M-CE PhD | Underground Works | 1 | E | 2 | 3 | Introduction; History of underground structures and construction methods; Design aspects and Construction techniques; In-situ stresses; Elastic and plastic induced stresses; Elastic and plastic displacements; Ground reaction curve; Face effect, stability and failure modes; Settlement through and urban tunnelling; Numerical simulation; Support confinement curve; Support systems; Ground-support interaction; Monitoring; Case histories. |

¹ B-CE Bachelor programme in Civil Engineering
 M-CE Master programme in Civil Engineering
 B-ME Bachelor programme in Mining Engineering
 M-ME Master programme in Mining Engineering
 MAS Master of advanced studies

² C: compulsory
 E: elective

³ Number of teaching hours/week for lectures and exercises

⁴ Number of ECTS credit points (1 credit point = 30 hours student workload incl. homework)