



CORSO DI DOTTORATO DI RICERCA IN
“INGEGNERIA CIVILE, AMBIENTALE E MECCANICA” - 37° CICLO
CONCORSO DI AMMISSIONE

DOCTORAL PROGRAMME IN
CIVIL, ENVIRONMENTAL AND MECHANICAL ENGINEERING – 37th CYCLE
SELECTION PROCEDURES

**GRADUATORIE FINALI
FINAL RANKING LISTS**

N. **26** posti, di cui n. **26** coperti da borsa di studio.
No. **26** positions of which **26** with scholarship.

Risultando non assegnata la borsa di studio vincolata B1, i posti totali disponibili sono diminuiti a **25 di cui n. 25 coperti da borsa di studio (di cui 20 a tematica vincolata)**.

The scholarships on reserved topic B1 is not assigned to any candidates. Therefore, the available positions are reduced to: 25 positions of which 25 with scholarship (of which 20 on reserved topics).

Termine per le iscrizioni: 28 settembre 2021

Deadline for enrolment: September 28, 2021

In base a quanto stabilito nell'art. 6 del bando “i/le vincitori/trici di borse a tema saranno tenuti/e a iscriversi al dottorato su una delle tematiche nelle quali hanno ottenuto l'idoneità e che sarà individuata dalla commissione”.

Please note that, according to Art. 6 of the call “the winners of reserved scholarships will be required to enroll in one of the topics in which they have obtained the eligibility and which will be identified by the commission”.

Curriculum A: INGEGNERIA CIVILE E AMBIENTALE / CIVIL AND ENVIRONMENTAL ENGINEERING
n. 8 posti con borsa di studio di cui 7 su tematica vincolata /no. 8 positions with scholarship of which 7 on reserved topics

Nr.	ID	Punteggio / Score (/100)	Idoneità borse vincolate / Eligible for reserved scholarships	Esito/Outcome	Riserva/ Conditional
1	486649	82		Ammesso/a con Borsa / Admitted with scholarship UniTrento	
2	479511	81	A6	Ammesso/a con Borsa / Admitted with scholarship A6	
3	482941	80	A4	Ammesso/a con Borsa / Admitted with scholarship A4	
4	480907	79	A3	Ammesso/a con Borsa / Admitted with scholarship A3	



5	483561	78	A1	Ammesso/a con Borsa / <i>Admitted with scholarship</i> A1	
6	486348	77	A7	Ammesso/a con Borsa / <i>Admitted with scholarship</i> A7	
7	486359	76	A5	Ammesso/a con Borsa / <i>Admitted with scholarship</i> A5	
8	485496	73	A2	Ammesso/a con Borsa / <i>Admitted with scholarship</i> A2	X
9	482640	72		Idoneo/a non ammesso/a <i>Eligible not admitted</i>	
10	483720	71	A4	Idoneo/a non ammesso/a <i>Eligible not admitted</i>	X
11	486675	68	A4	Idoneo/a non ammesso/a <i>Eligible not admitted</i>	
12	486550	67	A5	Idoneo/a non ammesso/a <i>Eligible not admitted</i>	
13	484914	65	A4	Idoneo/a non ammesso/a <i>Eligible not admitted</i>	
14	486245	63	A1	Idoneo/a non ammesso/a <i>Eligible not admitted</i>	
15	486400	62		Idoneo/a non ammesso/a <i>Eligible not admitted</i>	
16	486014	56		Non idoneo/a <i>Not eligible</i>	
17	486478	56		Non idoneo/a <i>Not eligible</i>	
18	480409	55		Non idoneo/a <i>Not eligible</i>	
19	480981	55		Non idoneo/a <i>Not eligible</i>	



20	484780	55		Non idoneo/a <i>Not eligible</i>	
21	481583	54		Non idoneo/a <i>Not eligible</i>	
22	480208	53		Non idoneo/a <i>Not eligible</i>	
23	482329	53		Non idoneo/a <i>Not eligible</i>	
24	482593	53		Non idoneo/a <i>Not eligible</i>	
25	484703	53		Non idoneo/a <i>Not eligible</i>	
26	486690	52		Non idoneo/a <i>Not eligible</i>	
27	483401	48		Non idoneo/a <i>Not eligible</i>	
28	483889	48		Non idoneo/a <i>Not eligible</i>	
29	486490	48		Non idoneo/a <i>Not eligible</i>	
30	482558	46		Non idoneo/a <i>Not eligible</i>	
31	486518	46		Non idoneo/a <i>Not eligible</i>	
32	484818	45		Non idoneo/a <i>Not eligible</i>	
33	482705	45		Non idoneo/a <i>Not eligible</i>	
34	485212	43		Non idoneo/a <i>Not eligible</i>	
35	483276	39		Non idoneo/a <i>Not eligible</i>	



36	480914	36		Non idoneo/a <i>Not eligible</i>	
37	480999	//		Non idoneo/a <i>Not eligible</i>	
38	486667	//		Non idoneo/a <i>Not eligible</i>	

Curriculum B: MECCANICA, MATERIALI, CHIMICA ED ENERGIA / MECHANICS, MATERIALS, CHEMISTRY AND ENERGY – risultando **non assegnata** la borsa di studio a tematica vincolata **B1**, i posti totali disponibili sono diminuiti di n. 1 unità diventando pertanto **3 posti coperti da borsa (di cui 1 a tematica vincolata)** / *The scholarship on reserved topic B1 is not assigned to any candidates, the available positions are reduced to: 3 positions with scholarships (of which 1 on reserved topics).*

Nr.	ID	Punteggio / Score (/100)	Idoneità borse vincolate / Eligible for reserved scholarships	Esito/Outcome	Riserva/ Conditional
1	485407	85		Ammesso/a con Borsa <i>Admitted with scholarship</i> UniTrento	
2	483760	83		Ammesso/a con Borsa <i>Admitted with scholarship</i> UniTrento	X
3	485184	82	B2	Ammesso/a con Borsa <i>Admitted with scholarship</i> B2	
4	485942	68		Idoneo/a non ammesso <i>Eligible not admitted</i>	
5	480432	67		Idoneo/a non ammesso <i>Eligible not admitted</i>	
6	484895	61		Idoneo/a non ammesso <i>Eligible not admitted</i>	
7	486259	61		Idoneo/a non ammesso <i>Eligible not admitted</i>	
8	484957	60		Idoneo/a non ammesso <i>Eligible not admitted</i>	
9	485040	60		Idoneo/a non ammesso <i>Eligible not admitted</i>	
10	486550	59		Non idoneo/a <i>not eligible</i>	



11	483609	44		Non idoneo/a <i>not eligible</i>	
12	484867	41		Non idoneo/a <i>not eligible</i>	
13	482705	41		Non idoneo/a <i>not eligible</i>	

Curriculum C: MODELLAZIONE E SIMULAZIONE / MODELLING AND SIMULATION: n. 12 posti con borsa di studio, di cui 11 a tematica vincolata / no. 12 positions with scholarship, of which 11 on reserved topics

Nr.	ID	Punteggio / Score (/100)	Idoneità borse vincolate / Eligible for reserved scholarship s	Esito/Outcome	Riserva/ Conditional
1	479618	87	C7	Ammesso/a con Borsa <i>Admitted with scholarship</i> C7	
2	484957	86	C10	Ammesso/a con Borsa <i>Admitted with scholarship</i> C10	
3	482483	85	C11	Ammesso/a con Borsa <i>Admitted with scholarship</i> C11	
4	486325	84	C9	Ammesso/a con Borsa <i>Admitted with scholarship</i> C9	X
5	482285	83		Ammesso/a con Borsa <i>Admitted with scholarship</i> UniTrento	
6	486446	82	C2	Ammesso/a con Borsa <i>Admitted with scholarship</i> C2	
7	479523	82	C1	Ammesso/a con Borsa <i>Admitted with scholarship</i> C1	
8	484223	81	C8	Ammesso/a con Borsa <i>Admitted with scholarship</i> C8	



9	482978	81	C3	Ammesso/a con Borsa <i>Admitted with scholarship</i> C3	
10	486259	81	C5	Ammesso/a con Borsa <i>Admitted with scholarship</i> C5	
11	486406	80	C6	Ammesso/a con Borsa <i>Admitted with scholarship</i> C6	
12	481056	79	C4	Ammesso/a con Borsa <i>Admitted with scholarship</i> C4	X
13	486409	66		Idoneo/a non ammesso <i>Eligible not admitted</i>	
14	485780	63	C5	Idoneo/a non ammesso <i>Eligible not admitted</i>	X
15	485184	62	C5, C6	Idoneo/a non ammesso <i>Eligible not admitted</i>	
16	481566	55		Non idoneo/a <i>not eligible</i>	
17	483482	55		Non idoneo/a <i>not eligible</i>	
18	484818	55		Non idoneo <i>not eligible</i>	
19	485040	55		Non idoneo/a <i>not eligible</i>	
20	485616	55		Non idoneo/a <i>not eligible</i>	
21	485344	54		Non idoneo/a <i>not eligible</i>	
22	482648	54		Non idoneo/a <i>not eligible</i>	
23	479946	53		Non idoneo/a <i>not eligible</i>	
24	486359	53		Non idoneo/a <i>not eligible</i>	



25	480208	53		Non idoneo/a <i>not eligible</i>	
26	480914	52		Non idoneo/a <i>not eligible</i>	
27	483609	49		Non idoneo/a <i>not eligible</i>	
28	486575	//		Non idoneo/a <i>not eligible</i>	

Curriculum D: ARCHITETTURA, PIANIFICAZIONE E PAESAGGIO / ARCHITECTURE AND PLANNING, LANDSCAPE: n. 2 posti con borsa di studio, di cui 1 su tematica vincolata / no. 2 positions with scholarship, of which 1 on reserved topics

Nr.	ID	Punteggio / Score (/100)	Idoneità borse vincolate / Eligible for reserved scholarships	Esito/Outcome	Riserva/ Conditional
1	481931	84		Ammesso/a con Borsa <i>Admitted with scholarship</i> UniTrento	
2	481192	82	D1	Ammesso/a con Borsa <i>Admitted with scholarship</i> D1	
3	482558	56		Non idoneo/a <i>not admitted</i>	
4	486473	51		Non idoneo/a <i>not admitted</i>	
5	480981	50		Non idoneo/a <i>not admitted</i>	
6	486273	40		Non idoneo/a <i>not admitted</i>	
7	486510	37		Non idoneo/a <i>not admitted</i>	
8	486579	34		Non idoneo/a <i>not admitted</i>	
9	483671	33		Non idoneo/a <i>not admitted</i>	
10	486014	31		Non idoneo/a <i>not admitted</i>	



11	483889	30		Non idoneo/a <i>not admitted</i>	
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I vincitori e le vincitrici che nella graduatoria sono indicati come ammessi con "riserva" dovranno conseguire il titolo di studio entro il **31/10/2021** e far pervenire alla Divisione Supporto Corsi di Dottorato e Alta Formazione – Polo Collina (phd.office-st@unitn.it) **entro l'8 novembre 2021**, a pena di esclusione con le modalità previste all'art. 6 del bando, il **certificato** (o autocertificazione nel caso di titoli conseguiti in Italia) **di conseguimento del titolo**.

Successful candidates indicated as "conditional" are expecting to complete their degree by October 31, 2021, and they have to submit to the Science & Technology PhD Office (via email to: phd.office-st@unitn.it) no later than November 8, 2021, on penalty of exclusion as per art. 6 of the call, the degree certificate.

Borse a tematica vincolata / scholarships reserved for a topic:

N.B. La borsa a tematica vincolata B1 non è stata assegnata
The reserved scholarship B1 has not been assigned.

Curriculum A:

A1: "Development of innovative and sustainable processes for sludge minimization in industrial wastewater treatment plants " (University of Trento and Department of Civil, Environmental and Mechanical Engineering scholarship)

A2: "Understanding the Effects of Bedrock Fractures and Weathering on critical zone hillslope hydrology and stability – PRIN 2017 CUP E64I19001840001 " (University of Trento and Department of Civil, Environmental and Mechanical Engineering scholarship)

A3: "Precise positioning in photogrammetric application " (Fondazione Bruno Kessler scholarship)

A4: "Combined effects of climate change and water uses on water resources: digital twins of the intertwined natural and anthropogenic systems " (MUR – Departments of Excellence scholarship)

A5: "Micro and nano materials in rivers and aquifers " (MUR – Departments of Excellence scholarship)

A6: "River morphodynamics: connectivity and non-equilibrium " (MUR – Departments of Excellence scholarship)

A7: "Formation, evolution and fate of new proglacial lakes in the deglaciating Alps" (Fondazione Edmund Mach and Department of Civil, Environmental and Mechanical Engineering scholarship)

Curriculum B:

B2: " Optimal design of hierarchical micro-structured materials for wave propagation control and 3D Micro Mechanical Systems (MMS)" (MUR – Departments of Excellence scholarship)

Curriculum C:

C1: " Modeling and testing of welded structural joints machined with laser cutting technology" (University of Trento and Department of Civil, Environmental and Mechanical Engineering scholarship)

C2: " Seismic behaviour of hybrid fire walls with "fusible" links" (University of Trento and Department of Civil, Environmental and Mechanical Engineering scholarship)

C3: " Risk-Based asset management" (University of Trento and Department of Civil, Environmental and Mechanical Engineering scholarship)

C4: " Logic of Monitoring System Design" (University of Trento and Department of Civil, Environmental and Mechanical Engineering scholarship)



C5: " Multi-physics analysis of viscous polymeric materials for growing robotic roots " (University of Trento and Department of Civil, Environmental and Mechanical Engineering scholarship)

C6: " Nanofabrication of multifunctional biomimetic structures inspired by natural organisms" (Fondazione Istituto Italiano di Tecnologia (IIT Pontedera) scholarship)

C7: " Innovative transdisciplinary paradigms for the synthesis and optimization of multifunctional and multiphysics reconfigurable metamaterials through the System-by-Design" (Department of Information Engineering and Computer Science scholarship)

C8: " From Natural to Anthropogenic Seismicity: A Holistic Risk Framework based on Probabilistic graphical models and Vine Copula theory" (MUR – Departments of Excellence scholarship)

C9: "Extreme mechanics of solids and structures" (MUR – Departments of Excellence scholarship)

C10: "Short and long-range effects in optimization of multifunctional bioinspired materials" (MUR – Departments of Excellence scholarship)

C11: "Decision support system based on data fusion from satellite and terrestrial structural health monitoring" (MUR – Departments of Excellence scholarship)

Curriculum D:

D1: "Mountain Agroecology: landscape, food and environmental dynamics in rural mountain areas – PRIN 2017 CUP E64I19002500001" (University of Trento and Department of Civil, Environmental and Mechanical Engineering scholarship)

Trento, 20 settembre 2021 / September 20, 2021