



UFSC
PROEX/SINTER
SEAD/SEPLAN



ONLINE EXTENSION COURSES

UFSC VIRTUAL MOBILITY PROGRAM | 2021

pmv-sinter.ufsc.br

What is the **Virtual** Mobility Program?

The Virtual Mobility Program created by the Office of International Relations (SINTER) at the Universidade Federal de Santa Catarina (UFSC) follows the global higher education trend and aims to expand students' access to international experience opportunities.

The first action being taken is that of producing a catalogue with ten interdisciplinary virtual courses that will be offered to undergraduate and graduate students from UFSC and partner institutions.

How the **Program** works

STAGE 1

Apply for a course

To apply for a course, go to: [link](#).

Click on the desired course and fill in the sign-up form for external (non-UFSC) participants.

Follow all the instructions carefully.

STAGE 2

Attend the classes

Follow the instructions received via email.

Access the Moodle platform during the specified period.

Attend the classes and complete the coursework assigned by the course instructor within the set deadlines.

STAGE 3

Obtain your certificate

After meeting the minimum criteria for approval, you will receive an email to get your certificate.



ONLINE EXTENSION COURSES

1

[Brazilian Sign Language Course: Learn the Basics](#)

2

[Découvrir le patrimoine archéologique du Sud du Brésil: Santa Catarina](#)

3

[Desafíos de aprender en un mundo digital](#)

4

[Diritti umani e Obiettivi per lo sviluppo sostenibile](#)

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[Writing and publishing scientific papers](#)

6

[Industry 4.0: Technological Revolution](#)

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[Português como língua adicional](#)

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[Digital Possibilities in Restorative Dentistry](#)

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[Tendencias de la transformación digital en la educación superior](#)

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[Digital transformation in education: approaching immigrant teachers and native digital students](#)

1

Brazilian Sign Language Course: Learn the Basics

INSTRUCTOR

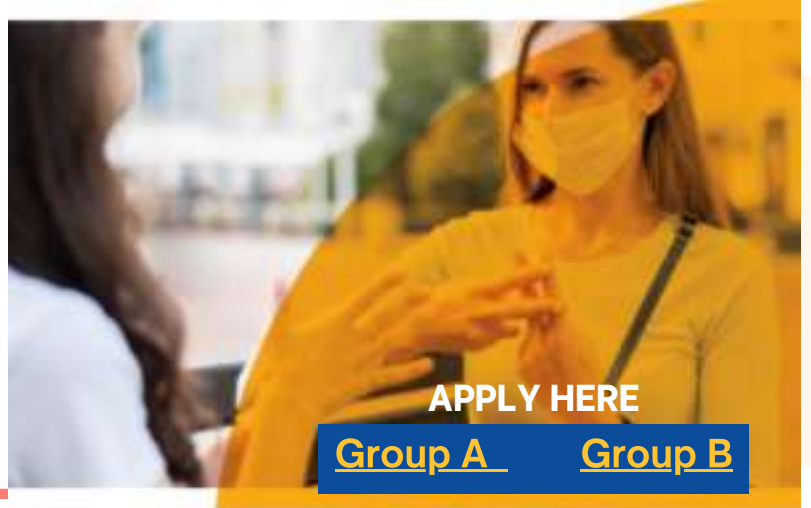
José Ednilson de Souza Junior
npcda.cce@contato.ufsc.br

HOURS

30 hours

Group A: 1 June to 9 July 2021

Group B: 12 July to 20 August 2021



PROGRAM

Unit 01 - Alphabet and Numbers

Unit 02 - Greetings, Introductions, and Common Expressions

Unit 03 - At Home and Daily Living

Unit 04 - Describing People and Things

Unit 05 - When? Where? And how much?

Unit 06 - Have you been to Brazil?

METHODOLOGY

Self-instructional course (MOOC) in the Moodle platform, with support from tutors during the course.

TARGET AUDIENCE

Everyone interested in learning Brazilian Sign Language - LIBRAS.

PREREQUISITES

None

APPLICATION PERIOD

Group A: 14 May to 29 May

Group B: 25 June to 10 July

2 ...

Découvrir le patrimoine archéologique du Sud du Brésil: Santa Catarina

INSTRUCTOR

Lucas de Melo Reis Bueno
eadarqueologia@gmail.com

HOURS

30 hours (asynchronous)

Group A: 1 June to 9 July 2021

Group B: 12 July to 20 August 2021



APPLY HERE

[Group A](#)

[Group B](#)

PROGRAM

- Module d'accueil
- Module de présentation de l'Université Fédérale de Santa Catarina, du Musée d'Archéologie et d'Ethnologie Professeur Oswaldo Rodrigues Cabral et du contexte des artefacts présentés au long du cours.
- Modules sur le patrimoine archéologique et l'occupation du territoire de Santa Catarina: période pré-coloniale et période historique.

METHODOLOGY

The course will be offered 100% online through the Moodle platform. Its content, in French, will be made available through educational resources intended for asynchronous study, including video lessons, texts and forum discussions. There will be synchronous meetings with the course instructor at scheduled times.

TARGET AUDIENCE

Everyone interested in the topic and who speaks French.

PREREQUISITES

None

APPLICATION PERIOD

Group A: 14 May to 29 May

Group B: 25 June to 10 July

3

Desafíos de aprender en un mundo digital

INSTRUCTOR

Juliana Cristina Faggion
temadidatico@gmail.com

HOURS

30 hours (asynchronous)

Group A: 1 June to 9 July 2021

Group B: 12 July to 20 August 2021



PROGRAM

- I - Una sociedad digital / La educación en la Era Digital
- II - El digital en los espacios formales y no formales de aprendizaje
- III - Una nueva escuela
- IV - Metodologías Activas y Tecnología
- V - Recursos didácticos digitales

METHODOLOGY

The course will be organized into 5 modules of 6 hours each. Each module will present a theme using different teaching resources, including texts, videos and/or audios. It will be taught in Spanish, entirely online, with asynchronous activities and synchronous appointments at scheduled times. Students will be evaluated individually and shall complete activities at the end of each module.

TARGET AUDIENCE

Teachers, student teachers and everyone interested in education.

PREREQUISITES

None

APPLICATION PERIOD

Group A: 14 May to 29 May

Group B: 25 June to 10 July

4

Diritti umani e Obiettivi per lo sviluppo sostenibile

INSTRUCTOR

Diego Nunes
corsodirittiumani.ccj@contato.ufsc.br

HOURS

30 hours (asynchronous)

Group A: 1 June to 9 July 2021

Group B: 12 July to 20 August 2021



APPLY HERE

[Group A](#) [Group B](#)

PROGRAM

Modulo I - Storia dei Diritti umani

Modulo II - Teorie sui Diritti umani

Modulo III - I Diritti umani nell'Agenda 2030 delle Nazioni Unite: obiettivi per lo sviluppo sostenibile

Modulo IV - Concretizzando gli obiettivi per lo sviluppo sostenibile: Attività finale

METHODOLOGY

The course's strategy is to offer educational material in the form of recorded lessons, tutorials and asynchronous exercises through the Moodle platform, allowing participants to construct their learning autonomously, especially in pandemic times, and designed for an audience composed mainly of foreigners.

TARGET AUDIENCE

Students and faculty members from partner Italian universities; Brazilian and foreign students who speak Italian.

PREREQUISITES

None

APPLICATION PERIOD

Group A: 14 May to 29 May

Group B: 25 June to 10 July

INSTRUCTOR

Julia Niemeyer
julia.carina@ufsc.br

HOURS

30 hours (asynchronous)

Group A: 1 June to 9 July 2021

Group B: 12 July to 20 August 2021

**APPLY HERE**[Group A](#) [Group B](#)**PROGRAM**

Week 1 – Introduction. What is scientific writing and what are its objectives? Planning your manuscript. Organizing your data for streamlining the writing process. Time management.

Week 2 – Structure of scientific papers and information required in each section: title, summary, keywords, introduction, material and methods, results, discussion, acknowledgments, references, graphical abstract. Order of manuscript elaboration. Elaborating tables, figures and supplementary material. Cover letter and suggesting potential reviewers.

Week 3 – Principles of effective writing: verbs; how to write better sentences and paragraphs. Issues in scientific writing (plagiarism, authorship, ghostwriting, reproducible research).

Week 4 – The publication process. Selecting an appropriate Journal and paper submission. Revising and resubmitting a manuscript based on reviewers' comments. Pageproofs. How to conduct a peer review. Concluding remarks and course evaluation.

Week 5 – Case Study.

METHODOLOGY

Each unit will consist of asynchronous video lessons, a mandatory reading, complementary readings, a discussion forum and an exercise (with tutorial instructions). At the end of the course, a final paper will be required.

TARGET AUDIENCE

Graduate students (master's and doctoral students), final-year undergraduate students and researchers from UFSC, the external community or other higher education institutions in Brazil or abroad.

APPLICATION PERIOD

Group A: 14 May to 29 May

Group B: 25 June to 10 July

PREREQUISITES

None

INSTRUCTOR

Ana Julia Dal Forno
ana.forno@ufsc.br

HOURS

30 hours (asynchronous)

Group A: 1 June to 9 July 2021

Group B: 12 July to 20 August 2021

**APPLY HERE**[Group A](#) [Group B](#)**PROGRAM**

- Introduction to Industry 4.0
- Enabling technologies: Big Data, Autonomous Robots, Virtual Prototypes, Systems Integration, Internet of Things, Additive Manufacturing and Augmented Reality
- Successful cases and practical examples of industry 4.0 and its technologies
- Industry 4.0 competencies (knowledge and skills)
- Industry 4.0 maturity indices and KPI (key performance indicators)

METHODOLOGY

The course will be taught in English and will include PDF materials, complementary articles, videos and interviews with experts in the field. Students will be able to ask questions and participate in discussion forums and will have access to a list of exercises and activities to reinforce the knowledge acquired in the course.

TARGET AUDIENCE

Undergraduate and graduate students in Production Engineering, Automation Engineering, Textile Engineering and related areas, industry professionals, entrepreneurs, and Industry 4.0 enthusiasts.

PREREQUISITES

None

APPLICATION PERIOD

Group A: 14 May to 29 May

Group B: 25 June to 10 July

INSTRUCTOR

Silvia Ines Coneglian Carrilho de Vasconcelos
silvia.vasconcelos@ufsc.br

HOURS

30 hours (asynchronous)

Group A: 1 June to 9 July 2021

Group B: 12 July to 20 August 2021

**PROGRAM**

The course will cover general topics in phonetics, lexicon and morphosyntax relevant to communication in Brazilian Portuguese, in addition to aspects of Brazilian culture at a basic level (A1). It will be organized as follows: Communication, Grammar, Lexicon, Culture. Core topics: self-introduction and greetings; use of basic verbs for dialogues; alphabet and numbers; basic adjectives; personal pronouns; possessive and demonstrative pronouns; basic idiomatic expressions; expressions to give and ask for directions; Brazilian cultural aspects (Bonus lessons: popular music in Brazil).

METHODOLOGY

The course will feature asynchronous lessons, previously prepared and/or recorded by the course instructor, student tutors and guests from Brazil and abroad on the topics listed in the course program. It will also feature synchronous sessions consisting in previously scheduled virtual meetings between the students, the course instructor and the student tutors, who will be available 10 hours per week for student assistance.

TARGET AUDIENCE

Everyone interested in learning Portuguese at a basic level (A1).

PREREQUISITES

None

APPLICATION PERIOD

Group A: 14 May to 29 May

Group B: 25 June to 10 July

INSTRUCTOR

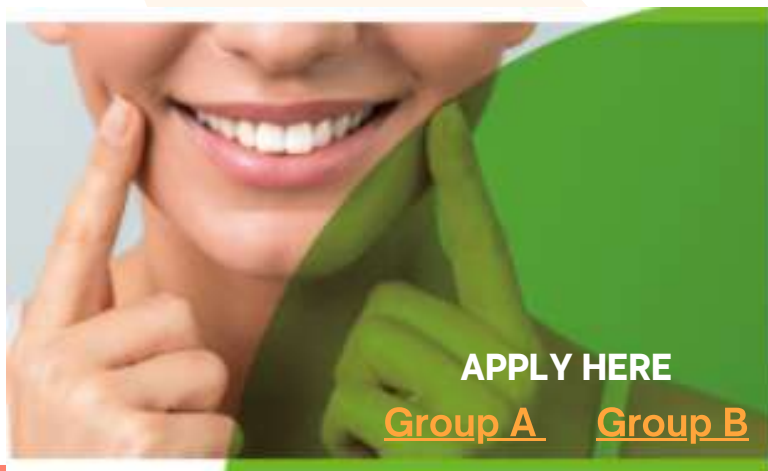
Analucia Gebler Philippi
analucia.p@ufsc.br

HOURS

30 hours (asynchronous)

Group A: 1 June to 9 July 2021

Group B: 12 July to 20 August 2021

**APPLY HERE**[Group A](#) [Group B](#)**PROGRAM**

Module I: CAI - Acquisition of Digital References Class 1 - Digital Possibilities in Restorative Dentistry. Class 2 - Digital Photography and Videography. Class 3 - Intra-Oral vs. Desktop Scanning Class 4 - Face Scanning Class 5 - Cone Beam Computed Tomography (DICOM) Class 6 - Biomimetics Class - The e-Labor Aid Protocol Class 8 - The UFSC Protocol for Digital Documentation Module II: CAD - Computer-Aided Design Class 9 - DSD – Digital Smile Design Class 10 - Virtual Planning in Implant Guided Surgery Class 11 - Guided Surgery Softwares: coDiagnostiX vs. BlueSkyPlan Class 12 - Prosthetic Computer-Aided Design (CAD) Module III: CAM - Computer-Aided Manufacturing Class 13 - CAM: Subtractive Manufacturing Class 14 - CAM: Additive Manufacturing of Polymers (SLA, DLP) Class 15 - CAM: Additive Manufacturing of Metals (SLM)

METHODOLOGY

The course will be taught in English, with lessons consisting of a 30-minute video, PDF materials, complementary readings of scientific papers and exercises to reinforce the knowledge acquired. All materials will be made available on the Moodle platform for asynchronous access by the students. Lessons will be organized into three modules. In order to pass a module, the student must obtain a score of 6.0 or higher in the module's exercises (with unlimited attempts). At the end of the course, students who obtain the minimum score in all modules will earn a certificate.

TARGET AUDIENCE

Dentistry undergraduates, graduate students and faculty from Brazilian and foreign universities as well as Dentistry professionals.

APPLICATION PERIOD

Group A: 14 May to 29 May

Group B: 25 June to 10 July

PREREQUISITES

None

Tendencias de la transformación digital en la educación superior

INSTRUCTOR

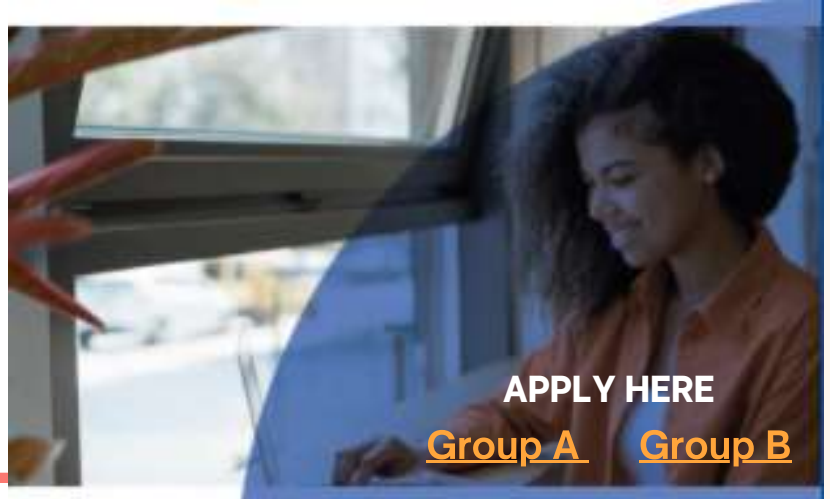
Monica Lino
monica.lino@ufsc.br

HOURS

30 hours (asynchronous)

Group A: 1 June to 9 July 2021

Group B: 12 July to 20 August 2021



APPLY HERE

[Group A](#) [Group B](#)

PROGRAM

El curso está estructurado en tres módulos:

I - Educación para la transformación (10h)

II - Evolución tecnológica y modelos educativos (10h)

III - Metodologías activas y transformación digital (10h)

METHODOLOGY

The course uses distance education tools and digital technologies to enable the participation, integration and training of national and international students. The course will include asynchronous and synchronous activities (the synchronous activities are not mandatory) using the resources and communication interfaces of the virtual learning environment (Moodle) with tutor mediation. The educational material will consist of a lesson plan, multimodal and dynamic resources, and discussion forums. Education, in essence, is a social project and teachers must be trained in the use of technologies to engage students in the learning process.

TARGET AUDIENCE

Everyone interested in the topic and who speaks Spanish.

PREREQUISITES

None

APPLICATION PERIOD

Group A: 14 May to 29 May

Group B: 25 June to 10 July

10

Digital transformation in education: approaching immigrant teachers and native digital students.

INSTRUCTOR

Patricia Jantsch Fiuza
educatic.ufsc@gmail.com

HOURS

40 hours (asynchronous)

Group A: 1 June to 9 July 2021

Group B: 12 July to 20 August 2021



PROGRAM

Module I - Digital Transformation in Education (12 hours)

Module II - Digital inclusion of the teacher and the new student (12 hours)

Module III - Knowing innovative digital technologies in education (12 hours)

Module IV - Innovative practices in education (4 hours)

METHODOLOGY

The course will be organized into 4 modules totaling 40 hours. Each module will present a theme using different teaching resources, including texts, videos and/or audios. It will be taught in English, entirely online, with synchronous and asynchronous activities and tutoring sessions at scheduled times. Students will be evaluated individually and shall complete activities at the end of each module.

TARGET AUDIENCE

Everyone interested in the topic and who speaks English.

PREREQUISITES

None

APPLICATION PERIOD

Group A: 14 May to 29 May

Group B: 25 June to 10 July



ONLINE EXTENSION COURSE

VIRTUAL MOBILITY PROGRAM - UFSC

2021



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