



Universidad de  
**los Andes** > RELACIONES  
SANTIAGO, CHILE INTERNACIONALES

**Northeastern University**

Dialogue of Civilizations

**Faculty-led Program | Northeastern University**  
**“Dialogues of Civilizations: Biomedical Imaging”**  
**2018**

**PROGRAM AGENDA**

May 14<sup>th</sup> to June 15<sup>th</sup>, 2018

**At Universidad de los Andes**  
**Santiago, Chile**



## CONTACTS

---

**Faculty member, Associate Professor, Electrical & Computer Eng.:** Charles A. DiMarzio  
dimarzio@ece.neu.edu

**International Office Contact:** Camila Sanchez Lillo  
[casanchez@uandes.cl](mailto:casanchez@uandes.cl)  
Office: (56-2) 2618 2173

**International Student Coordinator:** Luis Felipe Hidalgo  
[lfhidalgo@miuandes.cl](mailto:lfhidalgo@miuandes.cl)  
Whatsapp: (56 -9)8822 2372

## GENERAL INFORMATION

---

**Universidad de los Andes**  
Av. Monseñor Álvaro del Portillo 12.455, Las Condes  
[www.uandes.cl](http://www.uandes.cl)



**WEEK 1**

**Monday: May 14<sup>th</sup> 2018**

- 11:00 – 12:15 Welcome Activity, Orientation and Campus Tour  
Room: Building El Reloj, R-03
- 12:15 – 13:00 Campus Tour
- 13:00 – 14:15 Lunch Break
- 14:30-15:30 Tour of Universidad de los Andes Teaching Hospital

**Tuesday, May 15<sup>th</sup> 2018**

- 9:00- 11:30 Biomedical Imaging: Wave Theory. Tissue Properties  
Room: Library Building (Biblioteca), AUD-B
- 11:30-13:00 Spanish with Daisy Bravo  
Room: Library Building (Biblioteca), AUD-B

**Wednesday, May 16<sup>th</sup> 2018**

- 9:00- 11:30 Biomedical Imaging: Absorption, Scattering, and Reflectio  
Room: Library Building (Biblioteca), AUD-D
- 11:30 –12:45 Lunch Break
- 12:45 – 14:00 Chilean Literature Lecture: The appearance of Mapuche in Lietrature  
Room: Building El Reloj, R-02
- 14:15 – 15:30 Chilean Literature Workshop: Kamishibai Art Pieces  
Room: Building El Reloj, R-02
- 15:45 – 17:45 Biomedical Imaging – Workshop  
Room: Building El Reloj, R-02

**Thursday, May 17<sup>th</sup>, 2018**

- 9:00- 11:30 Biomedical Imaging: Contrast, Resolution, and penetration  
Room: Library Building (Biblioteca), B-32
- 11:30 – 12:45 Lunch Break
- 12:45 – 14:00 Chilean Literature Lecture: 19<sup>th</sup> century nationalist discourses in Chile  
Room: Central Building, CEN 101
- 14:15 – 15:30 Chilean Literature Workshop: Narrative Stories  
Room: Central Building, CEN 101
- 15:30 – 17:30 Biomedical Imaging – Workshop  
Room: Building El Reloj, R-24





**Friday, May 25<sup>th</sup> 2018 - Saturday, May 26<sup>th</sup> 201**

Valparaiso Weekend Trip

**WEEK 3**

**Monday, May 28<sup>th</sup> 2018**

- 9:00- 11:30                      Biomedical Imaging: MRI 2  
Room: Building El Reloj, R-03
- 11:30 – 12:30                      Lunch Break
- 12:30 – 14:30                      Biomedical Imaging: Workshop  
Room: Building El Reloj, R-27

**Tuesday, May 29<sup>th</sup> 2018**

- 9:00- 11:30                      Biomedical Imaging: Inverse Problems  
Room: Building El Reloj, R-03
- 11:30 – 13:30                      Spanish Class  
Room: Building El Reloj, R-03
- 13:30 – 17:00                      Cultural Tip: Violeta Parra Museum (TBC)  
\* Meet at Edificio el Reloj

**Wednesday, May 30<sup>th</sup> 2018**

- 9:00- 11:30                      Biomedical Imaging: Student Progress Reports  
Room: Building El Reloj, R-21
- 11:30 – 12:45                      Lunch Break
- 12:45 – 14:00                      Chilean Literature Lectures: The Male Figure of Mapuche Warriors  
Room: Central Building, CEN 101
- 14:15 – 15:30                      Chilean Literature Workshop: Poem, Piece of Art  
Room: Central Building, CEN 101
- 15:30 – 17:00                      Biomedical Imaging: Workshop  
Room: Edificio el Reloj R-24

**Thursday, May 31<sup>st</sup> 2018**

- 9:00- 11:30                      Biomedical Imaging: Ultrasound 1  
Room: Building El Reloj, R-03



- 11:30 – 12:45                      Lunch Break
- 12:45-14:00                      Chilean Literature Lecture: The Historyless Heroes  
Room: Building El Reloj, R-01
- 14:14-15:30                      Chilean Literature Workshop: Song Script or Melody  
Room: Building El Reloj, R-01

**Friday, June 1st 2018**

- 10:00 -13:00                      Biomedical Imaging  
Room: Building El Reloj, R-31

**WEEK 4**

**Monday, June 4<sup>th</sup> 2018**

- 9:00- 11:30                      Biomedical Imaging: Ultrasound 2  
Room: Building El Reloj, R-03
- 11:30 – 13:00                      Lunch Break
- 13:00 – 17:00                      Biomedical Imaging Workshop  
Room: Building El Reloj, R-01

**Tuesday, June 5<sup>th</sup> 2018**

- 9:00- 11:30                      Biomedical Imaging: Microscopy in the laboratory  
Room: Building El Reloj, R-03
- 11:30 – 13:00                      Typical Chilean Lunch  
Location: Reception of the Science Building
- 13:00-17:00                      Cultural Trip: Memory Museum

**Wednesday, June 6<sup>th</sup> 2018**

- 9:00- 11:30                      Biomedical Imaging: In-vivo Microscopy  
Room: Building El Reloj, R-21
- 11:30 – 12:45                      Lunch Break
- 12:45 – 14:00                      Chilean Literature Lecture: Chilean Culture and Female Heroes  
Room: Central Building, CEN 101
- 14:15 – 15:30                      Chilean Literature Workshop: Creative Drawing or Art Intervention  
Room: Central Building, CEN 101



**Thursday, June 7<sup>th</sup> 2018**

- 9:00- 11:30                      Biomedical Imaging: Optical Coherence Tomography  
Room: Building El Reloj, R-03
- 11:30 – 12:45                      Lunch Break
- 12:45 – 14:00                      Chilean Literature Lecture: Mapuche Representations in Children’s Books
- 14:15 – 15:30                      Chilean Literature Workshop: Watercolor Illustration
- 15:45 – 17:45                      Biomedical Imaging: Workshop  
Room: Building El Reloj, R-30

**Friday, June 8<sup>th</sup> 2018**

- 9:00 – 18:00                      Cultural Trip: Olmue

**WEEK 5**

**Monday, June 11<sup>th</sup> 2018**

- 9:00- 11:30                      Biomedical Imaging: Endoscopy  
Room: Building El Reloj, R-03
- 11:30 – 15:30                      Biomedical Imaging Workshop  
Room: Building El Reloj, R-01

**Tuesday, June 12<sup>th</sup> 2018**

- 9:00- 11:30                      Biomedical Imaging: TBD  
Room: Building El Reloj, R-03
- 11:30 - 17:00                      Cultural Trip: Gabriela Mistral Cultural Centre

**Wednesday, June 13<sup>th</sup> 2018**

- 9:00- 11:30                      Biomedical Imaging: Experimental Techniques  
Room: Building El Reloj, R-21
- 11:30 -12:45                      Lunch Break
- 12:45 – 14:15                      Chilean Literature: Final Presentation and Discussion  
Room: Building El Reloj,R-01



**Thursday, June 14<sup>th</sup> 2018**

- 9:00- 11:30                      Biomedical Imaging: Review and Summary  
Room: Building El Reloj, R-03
- 11:30 – 15:30                    Biomedical Imaging: Workshop  
Room: Building El Reloj, R-03

**Friday, June 15<sup>th</sup> 2018**

- 9:00-13:00                        Biomedical Imaging: Student Final Presentation  
Room: Library, AUD-A
- 13:00-14:15                      Lunch Break
- 14:15-16:30                        Farewell and Diploma Ceremony  
Room: Library, AUD-B