UNIVERSIDAD POLITÉCNICA DE MADRID

Cofinanciado por la Unión Europea

FICHA DESCRIPTIVA DEL PROGRAMA INTENSIVO COMBINADO (BIP) para los estudiantes

Curso 2025-2026

INFORMACION GENERAL	
TÍTULO DEL CURSO BIP	**ATLAS - LeArning from EarThquakes: from Seismic VuLnerability to Post-Event Damage ASsessment**
BREVE DESCRIPCIÓN DEL CURSO BIP	This Blended Intensive Programme (BIP) aims to provide advanced knowledge and practical skills on seismic vulnerability assessment, post-earthquake surveys and damage evaluation of the built environment at different scales, as well as on the revision of experimental and numerical seismic behavior of structures. The programme is addressed to Master's and PhD students in Architectural, Civil and Building Engineering and related fields, and it combines theoretical lectures, hands-on activities and field-based learning. The main objective is to foster a multidisciplinary and international approach to seismic risk mitigation, enhancing students' ability to analyse structural behaviour under seismic actions and to interpret damage mechanisms observed after earthquakes. Particular attention is given to survey methodologies, damage classification systems, vulnerability assessment procedures and the interpretation of post-event data for emergency management and reconstruction planning. The BIP concludes with a site visit to the areas affected by the 2016–2017 Central Italy seismic sequence, offering participants direct exposure to real post-earthquake scenarios. This experience will allow students to critically connect theoretical concepts with observed damage patterns and ongoing recovery processes. Through the collaboration of partner universities, the programme promotes the exchange of expertise and best practices in earthquake engineering within an international learning environment.
NÚMERO MÁXIMO DE PLAZAS	5 plazas
FECHAS PARTE **FÍSICA**	**Del 22/06/26 al 26/06/26**
FECHAS PARTE **VIRTUAL**	**Del 08/06/26 al 08/06/26**
UNIVERSIDAD ORGANIZADORA Y LUGAR DE REALIZACIÓN DE LA PARTE PRESENCIAL DEL BIP	**University of "G. d'Annunzio" of Chieti-Pescara** CIUDAD: Pescara PAÍS: Italia
RECONOCIMIENTO ACADÉMICO (Nº ECTS)	3 créditos ECTS

REQUISITO LINGÜÍSTICO	IDIOMA: Inglés NIVEL: B1
REQUISITOS ESPECÍFICOS	Nivel de Estudios: MSc / PhD ECTS superados: -
CONTACTO UPM RESPONSABLE CURSO BIP	Nicola Tarque Ruíz nicola.tarque@upm.es
DESTINO PERTENECIENTE A LA ALIANZA EELISA	NO
PLAZO DE PRESENTACIÓN DE SOLICITUDES	Desde el 13/03/2026 Hasta el 27/03/2026
INFORMACIÓN NECESARIA PARA RELLENAR EL LEARNING AGREEMENT (una vez concedida la plaza)	
SENDING INSTITUTION INFORMATION	
NOMBRE ESCUELA	Escuela Técnica Superior de Ingeniería de Caminos, Canales y Puertos (ETSICCP)
NOMBRE COORDINADOR	Vicente Alcaraz Carrillo de Albornoz
CORREO COORDINADOR	incoming.caminos@upm.es
CARGO	Departmental Erasmus Coordinator
RECEIVING INSTITUTION INFORMATION	
Name	**Università degli Studi "G. d'Annunzio" Chieti-Pescara**
ERASMUS code	I CHIETI01
Address	Viale Pindaro 43, 65127, Pescara, Italia
Country	Italia
Faculty/Department	Dpto de Ingeniería y Geología
RECEIVING RESPONSIBLE PERSON	
First name(s)	Maria Giovanna
Last name(s)	Masciotta
Position	Professor
Email	g.masciotta@unich.it
STUDY PROGRAMME AT RECEIVING INSTITUTION AND RECOGNITION AT THE SENDING INSTITUTION	

Component title or description at the Receiving Institution	**ATLAS - LeArning from EarThquakes: from Seismic VuLnerability to Post-Event Damage ASsessment**
Component Code /BIP ID	2025-1-IT02-KA131-HED-000324251-10
Short description	This Blended Intensive Programme (BIP) aims to provide advanced knowledge and practical skills on seismic vulnerability assessment, post-earthquake surveys and damage evaluation of the built environment at different scales, as well as on the revision of experimental and numerical seismic behavior of structures. The programme is addressed to Master's and PhD students in Architectural, Civil and Building Engineering and related fields, and it combines theoretical lectures, hands-on activities and field-based learning. The main objective is to foster a multidisciplinary and international approach to seismic risk mitigation, enhancing students' ability to analyse structural behaviour under seismic actions and to interpret damage mechanisms observed after earthquakes. Particular attention is given to survey methodologies, damage classification systems, vulnerability assessment procedures and the interpretation of post-event data for emergency management and reconstruction planning. The BIP concludes with a site visit to the areas affected by the 2016–2017 Central Italy seismic sequence, offering participants direct exposure to real post-earthquake scenarios. This experience will allow students to critically connect theoretical concepts with observed damage patterns and ongoing recovery processes. Through the collaboration of partner universities, the programme promotes the exchange of expertise and best practices in earthquake engineering within an international learning environment.