



Universidad
del País Vasco

Euskal Herriko
Unibertsitatea

FACULTY
OF MEDICINE
AND NURSING
UNIVERSITY
OF THE BASQUE
COUNTRY



FACULTY OF MEDICINE AND NURSING Undergraduate programmes

Nursing
Physiotherapy
Medicine
Dentistry

www.ehu.eus

BASQUE YOURSELF

Would you like to live an international experience during your university studies? If so, the University of the Basque Country is an excellent choice.

Our university is the Basque Country's largest higher education institution. Structured in three campuses -covering the three Basque territories-, our community of students, lecturers and researchers aggregates 60,000 fellows.

Ranked among the top 500 world universities, the University of the Basque Country is a multilingual institution where Spanish, Basque and English are equally spoken. After exhaustive assessment of our activity, we were accredited Campus of International Excellence by the Spanish Ministry of Education. Boosted by this recognition, we aspire to even higher goals: becoming one of Europe's best.

If you are interested in building on your academic and professional qualifications, the University of the Basque Country can offer you a positive learning environment, optimal technical and human resources and above all the prestige of a university committed to excellence and innovation in teaching. Come and basque yourself.





MIKEL LABOA PLAZA, MAHAI-TENISA, MAHA-FUTBOLA ETA KAREA
 Kete aretoa, mahai tenisak eta futbola, eta mahai-futbola bakoiti (bigo, hiru eta biak) Mikel Laboa plazaan instalatuak dira. Mahai-futbola eta futbola, eta mahai-futbola bakoiti (bigo, hiru eta biak) Mikel Laboa plazaan instalatuak dira. Mahai-futbola eta futbola, eta mahai-futbola bakoiti (bigo, hiru eta biak) Mikel Laboa plazaan instalatuak dira.

PLAZA MIKEL LABOA TENIS DE MESA, FUTBOLU Y AJEDREZ
 Plazan instalatuak daude mahai tenisa, futbola eta futbola bakoiti (bigo, hiru eta biak) Mikel Laboa plazaan instalatuak dira. Mahai-futbola eta futbola, eta mahai-futbola bakoiti (bigo, hiru eta biak) Mikel Laboa plazaan instalatuak dira.

MIKEL LABOA SQUARE, CHESS, TABLE TENNIS AND TABLE FOOTBALL
 Plazan instalatuak daude mahai tenisa, futbola eta futbola bakoiti (bigo, hiru eta biak) Mikel Laboa plazaan instalatuak dira. Mahai-futbola eta futbola, eta mahai-futbola bakoiti (bigo, hiru eta biak) Mikel Laboa plazaan instalatuak dira.



OUR CAMPUSES

The University of the Basque Country is spread across 3 campuses: the Campus of Araba, the Campus of Biscay and that of Gipuzkoa.

Campus of Biscay

A total 9 Faculties and Schools make up our largest campus. Along with 2 faculties located in downtown Bilbao, we have 7 faculties in our University complex of Leioa (15 km from Bilbao), and an Engineering Section in Portugalete.

Capital of Biscay

Bilbao

Population

343,173 inhabitants

www.bilbao.net

Campus de Gipuzkoa

It is composed of 9 Faculties and Schools; while the vast majority is located in Donostia-San Sebastián, we also have an Engineering Section in Eibar (40 km South-East from San Sebastián).

Capital of Gipuzkoa

Donostia-San Sebastián

Population

186,126 inhabitants

www.donostia.eus

Campus of Araba

Our most familiar campus hosts 7 faculties, all of them very centrally located in the cosy city of Vitoria.

Capital of Araba

Vitoria-Gasteiz

Population

243,918 inhabitants

www.vitoria-gasteiz.org





INTRODUCTION TO THE FACULTY

The Faculty of Medicine and Nursing organises education in health science degrees. Apart from classes in its Leioa facilities, training is imparted in its Nursing division (San Sebastián) and in the teaching units of the four University Hospitals.

INFRASTRUCTURES

To favour the acquisition of skills, teaching is conducted in small groups using active methods. It avails of multi-purpose classrooms, computer rooms, laboratories, simulation rooms, experimental operating rooms and virtual hospitals.

VENUES FOR INDEPENDENT USE BY THE STUDENT BODY

The Faculty of Medicine and Nursing conducts its teaching and research activities at our Leioa-Erandio university complex, as well as in its four university hospitals: Basurto (Bilbao-Biscay), Cruces (Barakaldo-Biscay), Txagorritxu (Vitoria/Gasteiz-Alava) and the Donostia Complex (Donostia/San Sebastián-Gipuzkoa) and their respective Health Areas.

SPECIALISED LABORATORIES

A number of varied top-quality laboratories are associated to the different departments: dissection, microscopy, microbiology, biochemistry, pharmacology, physiotherapy, nursing, etc. The dentistry clinic installations, in active service, stand out for their complexity, along with the university hospital installations, including a virtual hospital.

OTHER VENUES

Independent study rooms, a Graduation Hall, a board room, meeting rooms, computer rooms, a publication archive, a museum, a library, etc.

CONTACT

Vice-Dean for international relations: **Elena Sevillano**

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MULTILINGUALISM

All mandatory subjects and a great part of the electives are taught in Euskera and Spanish. The degrees in Physiotherapy and Nursing may be taken totally in Euskera, as well as the entire first cycle of Medicine and Dentistry, and a high percentage of clinical subjects. The final project may be done in either of these two languages. The Faculty participates actively in the Multilingual Plan designed for the UPV/EHU, which offers a growing number of subjects in English every year.

We also offer English Friendly Courses (EFC) that refers to undergraduate or master's degree courses in which teachers will tutor, take tests and/or accept assignments in English, even if the classes are taught in Spanish.

MOBILITY PROGRAMMES

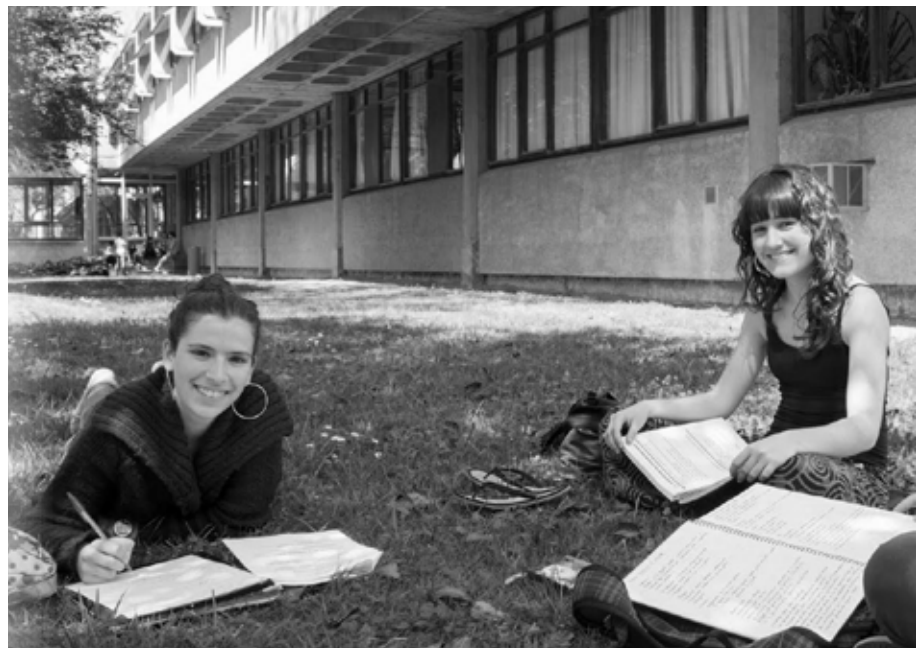
Thanks to student exchange agreements signed with the FME and other Faculties of Medicine, Nursing, Dentistry and Physiotherapy, you may request an academic mobility period at our faculty under the Erasmus+, Latin America and Other Countries programmes from over 100 universities in 30 different countries. Currently, some 200 students from the FME undergo a mobility period every year and we receive a good number of international visiting students.

If you are an incoming mobility student, remember that the hospital, clinic and health centre internship positions are limited and conditioned by high demand. To avoid allocation problems, we advise you to have your programme coordinator submit your official nomination to the faculty international relations Vice-dean as soon as possible, before 31 May of the year prior to the mobility period, at the latest. In some cases, you may be asked to purchase and bring specific medical/clinical instruments and materials for personal use. The minimum language competence level required (in Spanish or Euskera) is B1 or its equivalent.

Over **200**
outgoing mobility students
and over **100** visiting exchange
programme students

Over
100
partner universities

Over
30
countries of origin
and destination



INTERNSHIPS

Professional internships are compulsory in all our undergraduate programmes. They allow students to put theoretical knowledge gained in class and our simulated laboratories into practice. There is a wide variety of internship positions, meant to adapt to our students' needs.

The three last years of our Medicine studies are performed at our Teaching Units in four university hospitals (Basurto, Cruces, Vitoria-Gasteiz & Donostia-San Sebastián), where students get acquainted with hospital medical practice at several services; our sixth year consists of an entirely practical rotating internship. During the third year, students may enrol on external internship practice.

Our Bachelor's Degree in Dentistry offers the possibility to join our Dental Clinic in Leioa as well as several concerted external partners.

Physiotherapy students engage in internship programmes in their third and fourth years, both at public and private institutions (hospitals, gerontological centres, sports clubs, mutual insurance companies...). Throughout their fourth year, an additional practicum programme is completed, with external internship positions available at specialized institutions.

Our Bachelor's Degree in Nursing includes a compulsory practical time span in medical centres (hospitals, nursing homes, primary-care trusts, mental-care facilities...) as of the first year of study.

BACHELOR'S DEGREE IN NURSING



Area of knowledge: Health Sciences

Nursing is a health science profession that purports to offer the population quality care. This care covers disease prevention and health promotion, intervention, and rehabilitation in pathological processes. The Nursing degree will train you as a general nursing practitioner, with a background in science and humanities that will prepare you to identify, assess, plan, act and re-evaluate the health and healthcare needs of healthy and diseased individuals alike, thanks to solid theoretical and practical training. The internships are the central thrust in this degree, representing 40% of it. Starting from the first year, you will put the theoretical knowledge acquired in the academic field into practice and make contact with your future profession. The Nursing Degree qualification is regulated by European Directive and provides access to the Resident Nursing Internship tests for obtaining the Nursing qualification, specialising in: Obstetrics and Gynaecology (Midwifery), Psychiatric Nursing, Geriatric Nursing, Occupational Nursing, Medical and Surgical Nursing, Family and Community Nursing, and Paediatric Nursing.

If you are motivated by taking care of other people's health; have analytical, communicative and critical skills; are empathetic, can rapidly adapt to changing scenarios and respect diversity; our Bachelor's Degree in Nursing is what you were looking for.

This degree will train you to...

Preserve people's health and wellbeing; seize and apply the foundations, and theoretical and methodological principles of nursing; understand the interactive behaviour of individuals based on their genre, group or community; communicate in an efficient way with patients; plan and dispense nursing care; promote healthy living styles; learn the ethical and deontological code of the nursing profession.

- Available at our Campus of Biscay (Leioa)
- Available at our Campus of Gipuzkoa (Donostia-San Sebastián)

CURRICULUM

FIRST YEAR 60 credits (48 in basic subjects + 12 in compulsory courses)

Fall Semester

- Ciencias psicosociales aplicadas a los cuidados de salud
- Estructura y función del cuerpo humano I
- Structure and Function of the Human Body II *
- Salud Pública **
- Sistemas de Información y análisis de datos

Spring Semester

- Antropología ética y Legislación
- Bases Teóricas de la Enfermería
- Estructura y Función del Cuerpo Humano III
- Introducción a la práctica del cuidado
- Patología: Cuidados Básicos

SECOND YEAR 60 credits (12 in core subjects + 48 in compulsory subjects)

Fall Semester

- Bases Metodológicas de la Enfermería
- Enfermería Clínica I
- Enfermería del Ciclo Vital I
- Farmacología

Spring Semester

- Enfermería Clínica II
- Community Nursing *
- Enfermería del Ciclo Vital II
- Practicum I **
- Relación y Comunicación para el Cuidado

THIRD YEAR 60 credits (42 in compulsory courses + 18 in electives)

Fall Semester

- Enfermería Clínica III
- Enfermería Clínica IV
- Gestión y Calidad de los Servicios
- Practicum II

Spring Semester

- Practicum III

Electives

- See offer on web

FOURTH YEAR 66 credits (54 in internship practice + 12 in Final Project)

Annual

FINAL DEGREE PROJECT

Fall Semester

- Practicum IV

Spring Semester

- Practicum V

* Subjects taught in English.

****English Friendly Courses (EFC)** are those degree subjects which, while being taught in Spanish, offer the syllabus, along with tutoring, diverse tasks, examinations, etc., in English.

BACHELOR'S DEGREE IN PHYSIOTHERAPY



Area of knowledge: Health Sciences

Physiotherapy is a health discipline that uses a set of physiological tools for curing and preventing ailments and helping patients recover and adapt. The classical techniques of massage, therapeutic exercises, light, cold and heat are supplemented these days by innovative technological advances, ultrasound, electric current, hyperthermia, hydrotherapy, thermal therapy, pressotherapy, etc. The degree in Physiotherapy will provide you with an in-depth knowledge of human beings in order to treat individuals in their biological, psychological and social entirety. You will learn how to act on three levels: primary care (disease prevention and health promotion), secondary care (assisting and curing) and tertiary care (functional recovery in isolated or chronic processes). Moreover, at the UPV/EHU, we offer two majors as specialisations to choose from: Physiotherapy, Physical Activity and Sports; and Physiotherapy in Geriatrics and Ergonomics.

Is helping others your purpose in life? Are you empathetic? Do you have manual skills? If you have a basic scientific education and would like to work with people helping improve their health and wellbeing, our Bachelor's Degree in Physiotherapy is what you were looking for.

This degree will train you to...

Know and understand the morphology, physiology, pathology and people's behaviour, as well as physiotherapeutical methods, procedures and actions; design physiotherapeutical action plans, assess the progression of treatment results; promote, prevent, protect and restore health conditions of individuals and incorporate ethical and legal principles into professional practice

- Available at the Campus of Biscay (Leioa)

CURRICULUM

FIRST YEAR 60 credits (48 in basic subjects + 12 in compulsory courses)

Fall Semester

- Anatomía I
- Bases Bioquímicas, Celulares y Tisulares de la Fisioterapia
- Fundamentos de Fisioterapia
- Salud Pública en Fisioterapia

Spring Semester

- Anatomía II
- Biomecánica y Biofísica Aplicada a la Fisioterapia
- Fisiología Humana
- Psicología Aplicada a la Fisioterapia
- Valoración Clínica en Fisioterapia I

SECOND YEAR 60 credits (12 in basic subjects + 48 in compulsory courses)

Fall Semester

- Biomecánica Clínica
- Cinesiterapia
- Legislación y Deontología en Fisioterapia
- Patología General en Fisioterapia
- Procedimientos Generales de Intervención en Fisioterapia I

Spring Semester

- Afecciones Médico-Quirúrgicas I
- Farmacología en Fisioterapia**
- Métodos Específicos de Intervención en Fisioterapia I
- Procedimientos Generales de Intervención en Fisioterapia II
- Valoración Clínica en Fisioterapia II

THIRD YEAR 60 credits (42 in compulsory subjects + 18 in elective courses)

Fall Semester

- Afecciones Médico-Quirúrgicas II
- Fisioterapia en Especialidades Clínicas I
- Métodos Específicos de Intervención en Fisioterapia II

Spring Semester

- Fisioterapia en Especialidades Clínicas II
- Métodos Específicos de Intervención en Fisioterapia III

Electives

- Bases Médicas y Fisiológicas del Deporte (M1)
- Bases Fisiológicas del Envejecimiento (M2)

Electives

- Fisioterapia de la Actividad Física y el Deporte (M1)
- Ergonomía (M1) (M2)
- Fisioterapia y Prevención de Riesgos Laborales (M2)

FOURTH YEAR 60 credits (42 in compulsory subjects + 18 in elective courses)

Annual

- Prácticas tuteladas (PRACTICUM)

FINAL DEGREE PROJECT

Fall Semester

Electives

- Deporte de Élite y Fisioterapia (M1)
- Fisiología geriátrica (M2)

Spring Semester

Electives

- Revitalización Geriátrica (M1) (M2)

* Subjects taught in English.

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MAIN KNOWLEDGE AREAS

- Fisioterapia, Actividad Física y Deporte (M1)
- Fisioterapia en el Envejecimiento y Ergonomía (M2)

BACHELOR'S DEGREE IN MEDICINE



Area of knowledge: Health Sciences

Medicine studies life, health, disease and death; it prevents and diagnoses diseases and determines treatments to improve health and the individual's quality of life. The degree in Medicine prepares you for general medical practice and subsequent access to graduate training, whether clinical, as a resident medical intern (RMI), or in research, through a doctorate. The UPV/EHU has four teaching units located in the university hospitals of Basurto, Cruces, Vitoria-Gasteiz and San Sebastián, where you will undergo the last three years. Once you finish the Medicine degree consisting of six years, you will obtain the qualification of graduate in Medicine with a Master's degree and may begin your doctorate. The quality of teaching in the Medicine degree is tried and tested. The excellent results obtained by UPV/EHU students in the RMI programme are proof of this.

If you are a service-prone, supportive and sympathetic person, you have a passion for health-related issues, have a basic scientific education, and wish to help improve people's health and wellbeing, our Bachelor's Degree in Medicine is the perfect programme for you to develop your skills.

This degree will train you to...

Get acquainted with the structure and functioning of the human body, risk agents and factors which determine health states and disease development; critically evaluate and consult clinical and biomedical information sources; establish diagnoses, predictions and treatments; learn to elaborate a preliminary assessment and to implement a reasoned strategy; communicate efficiently with patients and acknowledge legal responsibilities and ethical principles of the medical profession.

- Courses 1st to 3rd take place on the Faculty at Leioa.
- Courses 4th to 6th take place on the teaching units of hospitals: Basurto (Bilbao), Cruces (Barakaldo-near Bilbao), San Sebastián and Vitoria.
- When applying for a place on the 4th to 6th year courses you can indicate your preferred hospital for the stay. If there are problems with the places, you will be assigned to the hospital where there are free places.
- Due to the different location of the faculty and the teaching units of the hospitals it is very difficult to combine courses taught at the faculty with those taught in the teaching units.

CURRICULUM

FIRST YEAR 60 credits (42 in core subjects + 18 in compulsory)

Fall Semester

- Anatomía humana I
- Cell Biology*
- Bioquímica Básica
- Documentación, Historia, Teoría y Método de la Medicina
- Psicología

Spring Semester

- Anatomía humana II
 - Bioestadística
 - Medical Biochemistry*
 - Physiology*
 - Genética y Biología del Desarrollo**
-

SECOND YEAR 60 credits (12 in core subjects + 42 in compulsory + 6 in elective courses)

Fall Semester

- Anatomía humana III
- Fisiología Médica I
- Histología Médica Básica**
- Introducción a la Investigación Biomédica

Electives

- Embriología Médica

Spring Semester

- Anatomía humana IV
- Fisiología Médica II**
- Histología Médica Especial
- Medical Microbiology and Immunology*

Electives

- Medicina y Fisiología de la Actividad Física y el Deporte
-

THIRD YEAR 60 credits (6 in core subjects + 42 in compulsory + 12 in elective courses)

Annual

- Fundamentos de Cirugía
- Patología General
- Proyecto de Investigación

Fall Semester

- Microbiología Clínica e Infección**
- Fundamentos de Farmacología Médica**

Electives

- Genética Médica **
- Drogodependencias
- Vacunas

Spring Semester

- Anatomía Patológica General
- Ética Médica, Comunicación y Relación Clínica

Electives

- Cuidados Perioperatorios
-

FOURTH YEAR 60 credits (60 in compulsory subjects)

Annual

- Patología y Clínica Médica I
- Cirugía I

Fall Semester

- Anatomía Patológica Especial
- Otorrinolaringología
- Dermatología

Spring Semester

- Radiología y Medicina Física I
 - Oftalmología
 - Psiquiatría
-

FIFTH YEAR 60 credits (60 in compulsory subjects)

Fall Semester

- Medicina Legal y Forense
- Obstetricia y Ginecología**
- Pediatría
- Radiología y Medicina Física II

Spring Semester

- Cirugía II
 - Farmacología Médica Aplicada **
 - Medicina Preventiva y Salud Pública y Comunitaria
 - Patología y Clínica Médica II
-

SIXTH YEAR 60 credits (54 in internship + 6 in Final Degree Project)

Annual

- Practicas Tuteladas Rotatorio (anual)

FINAL DEGREE PROJECT

* Subjects taught in English.

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BACHELOR'S DEGREE IN DENTISTRY



Area of knowledge: Health Sciences

A healthy mouth reflects healthy habits and is necessary for a healthy body. Hence, Dentistry is a fundamental medical discipline for maintaining personal well-being and improving the individual's quality of life. In the Dentistry degree, you will learn not only how to prepare a complete clinical history, perform dental diagnosis and design and apply the proper therapies, but also how to prevent mouth diseases and promote oral and dental health amongst adult and child populations. You will study general oral, dental, jaw and mouth tissue ailments, and how to treat cavities, perform endodontic treatments, apply prosthetics, etc. Moreover, at the UPV/EHU, we have our own Dental Clinic where you will undergo the mandatory internships under faculty supervision and treat actual clinical cases. Once you finish the degree in Dentistry consisting of five years, you obtain the qualification of graduate in Dentistry with a Master's degree and may begin a doctorate.

This degree will train you to...

Understand basic biomedical sciences that inform dental practice; know the essential elements of the dentistry profession; acknowledge general processes of disease; learn how to perform a thorough oral analysis; establish a diagnose, prognosis and therapeutical planning; know the role of the dentist in prevention and protection before oral disease; and learn to manage clinic and biomedical information sources.

- Available at the Campus of Biscay (Leioa)

If you aspire to contribute to improving people's health and standards of life, you are empathetic, have some dexterity in the use of equipments and are keen on Health Sciences, our Bachelor's Degree in Dentistry is your best option.

CURRICULUM

FIRST YEAR 60 credits (42 in core subjects + 18 in compulsory)

Annual

- Ergonomía e Introducción al Laboratorio y a la Clínica Odontológica
- Fisiología
- Microbiología e Inmunología **

Fall Semester

- Anatomía I
- Biología Celular **
- Bioquímica

Spring Semester

- Anatomía II
 - Epidemiología y Salud Pública
 - Histología Humana
-

SECOND YEAR 60 credits (54 in compulsory courses + 6 in electives)

Annual

- Prótesis Dental I
- Patología Quirúrgica
- Odontología Preventiva y Comunitaria
- Patología Médica del Adulto y del Niño

Fall Semester

- Patología y Medicina Bucal I
- Radiología y Medicina Física

Spring Semester

- Psicología y Comunicación

Electives

- Gestión y Ejercicio de la Profesión Odontológica e Historia de la Odontología
-

THIRD YEAR 60 credits (60 in compulsory credits)

Annual

- Prótesis Dental II
- Patología y Terapéutica Dentales I

Fall Semester

- Biomateriales Odontológicos
- Cirugía Bucal I
- Farmacología General y Clínica**

Spring Semester

- Cirugía Bucal II
 - Odontología Legal y Forense
 - Periodoncia I
-

FOURTH YEAR 60 credits (54 in compulsory courses + 6 in electives)

Annual

- Patología y Terapéutica Dentales II
- Prótesis Dental III
- Patología y Medicina Bucal II
- Odontopediatría

Fall Semester

- Periodoncia II

Spring Semester

- Ortodoncia I

Electives

- Introducción al Dolor Orofacial
 - Repercusiones Orales de la Patología Sistémica
-

FIFTH YEAR 60 credits (48 in compulsory subjects + 6 in elective + 6 in Final Degree Project)

Annual

- Ortodoncia II
- Practica Integrada de Adulto I
- Practica Integrada de Adultos II
- Práctica Integrada Infantil

FINAL DEGREE PROJECT

Fall Semester

- Dolor Orofacial y Trastornos Temporomandibulares

Electives

- Cirugía Maxilofacial

Spring Semester

- Farmacología Aplicada y Urgencias en Odontología

Electives

Electives that can be chosen in courses 3, 4 and 5

- Terapia quirúrgica regenerativa en periodoncia
- Implantología **

* Subjects taught in English.

****English Friendly Courses (EFC)** are those degree subjects which, while being taught in Spanish, offer the syllabus, along with tutoring, diverse tasks, examinations, etc., in English.



MEDIKUNTZARAKO
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