



ADAM MICKIEWICZ
UNIVERSITY
IN POZNAŃ

2012 Fact Sheet

Faculty of Physics

1. FACULTY AUTHORITIES

Dean: Antoni Wójcik, Ph.D., D.Sc.
antwoj@amu.edu.pl

Deputy Dean: Adam Lipowski, prof., Ph.D.
lipowski@amu.edu.pl

Deputy Dean: Krzysztof Grygiel, Ph.D., D.Sc.
grygielk@amu.edu.pl

Deputy Dean: Krzysztof Gibasiewicz, Ph.D., D.Sc.
krzyszwi@amu.edu.pl

2. FACULTY STRUCTURE

Institute of Acoustics

Name in Polish: Instytut Akustyki
Address: ul. Umultowska 85; 61-614 Poznań
Phone: +48 61 829 5124
Fax: +48 61 829 5123
e-mail: ia@amu.edu.pl
Head: Prof. Rufin Makarewicz

Department of Molecular Acoustics

Name in Polish: Zakład Akustyki Molekularnej
Head: Dr Andrzej Skumiel

Department of Psycho- and Room Acoustics

Name in Polish: Zakład Psychoakustyki
i Akustyki Pomieszczeń
Head: Prof. Aleksander Sęk

Department of Environmental Acoustics

Name in Polish: Zakład Akustyki Środowiska
Head: Prof. Rufin Makarewicz

Department of Electroacoustics

Name in Polish: Zakład Elektroakustyki
Head: Dr. Ewa Skrodzka

Institute Astronomical Observatory

Name in Polish: Instytut Obserwatorium
Astronomiczne
Address: ul. Słoneczna 36; 60-286 Poznań
Phone: +48 61 829 2770
Fax: +48 61 829 2772
e-mail: astro@phys.amu.edu.pl
Head: Prof. Edwin Wnuk

Physics Departments

Department of Molecular Biophysics

Name in Polish: Zakład Biofizyki Molekularnej
Head: Prof. Adam Patkowski

Department of Quantum Electronics

Name in Polish: Zakład Elektroniki Kwantowej
Head: Prof. Ryszard Parzyński

Department of Dielectrics Physics

Name in Polish: Zakład Fizyki Dielektryków
Head: Prof. Małgorzata Śliwińska-Bartkowiak

Department of Physics of Crystals

Name in Polish: Zakład Fizyki Kryształów
Head: Prof. Bogusław Mróz

Department of Molecular Crystals

Name in Polish: Zakład Kryształów Molekularnych
Head: Dr Piotr Czarnecki

Department of Macromolecular Physics

Name in Polish: Zakład Fizyki Makromolekularnej
Head: Prof. Stefan Jurga

Department of High Pressure Physics

Name in Polish: Zakład Fizyki Wysokich Ciśnień
Head: Prof. Krystyna Hołderna-Natkaniec

Department of Nonlinear Optics

Name in Polish: Zakład Optyki Nieliniowej
Head: Prof. Ryszard Tanaś

Department of Radiospectroscopy

Name in Polish: Zakład Radiospektroskopii
Head: Prof. Jan Wąsicki

Department of Medical Physics

Name in Polish: Zakład Fizyki Medycznej
Head: Prof. Ryszard Krzyminiewski

Department of Electronic States of Solids

Name in Polish: Zakład Stanów Elektronowych Ciała
Stałego
Head: Prof. Stanisław Robaszkiewicz

Department of the Condensed Matter Theory

Name in Polish: Zakład Teorii Ciała Stałego
Head: Prof. Roman Micnas

Department of Quantum Physics

Name in Polish: Zakład Fizyki Kwantowej
Head: Prof. Adam Lipowski

Department of Mathematical Physics

Name in Polish: Zakład Fizyki Matematycznej
Head: Prof. Maciej Błaszak

Department of Computer Physics

Name in Polish: Zakład Fizyki Komputerowej
Head: Prof. Grzegorz Kamieniarz

Department of Optics

Name in Polish: Zakład Optyki
Head: Prof. Henryk Drozdowski

Department of Mesoscopic Physics

Name in Polish: Zakład Fizyki Mezoskopowej
Head: Prof. Józef Barnaś

Department of Applied Informatics

Name in Polish: Zakład Informatyki Stosowanej
Head: Prof. Witold Hołubowicz

Department of Nanomaterial Physics

Name in Polish: Zakład Fizyki Nanomateriałów
Head: Dr. Maciej Krawczyk

3. BRIEF HISTORY

Poznań University was officially opened on the 7th of May 1919, but the Faculty of Philosophy being the core of this newly founded university started its activity already on the 30th of January 1919. The Section of Mathematics and Natural Sciences originally within the Faculty of Philosophy became a separate Faculty in the academic year 1924/1925. The new Faculty was seated at the beginning in Collegium Minus, where the research work in physics was conducted in two Laboratories: the Laboratory of Experimental Physics and the Laboratory of Theoretical Physics. After the Second World War the laboratories were moved to Collegium Chemicum and in 1950 they were transformed into Chairs. In 1966 the Chair of Molecular Physics separated from the Chair of Experimental Physics and in 1969 the three Chairs became the Institute of Physics. At the same time the Chair of Acoustics was founded. The Institute of Physics and the Chair of Acoustics were parts of the Faculty of Mathematics, Physics and Chemistry, from which the Faculty of Chemistry evolved in 1978. In 1985 the Chair of Acoustics became the Institute of Acoustics. Further development of the Faculty of Mathematics and Physics led to the emergence of the Faculty of Mathematics and Informatics and the Faculty of Physics in 1993. At present the Faculty of Physics includes the Institute of Acoustics, the Institute Astronomical Observatory, founded in 1919, and 19 Departments dedicated to particular subfields of physics. The Faculty of Physics employs 27 full professors and 27 university professors. Irrespective of the international contacts of its units, the Faculty as a whole has been successfully co-operating with many universities and academic centres throughout the world.

4. DEGREE PROGRAMMES

The offer to study at the Faculty of Physics at Adam Mickiewicz University in Poznań includes academic education in the field of physical sciences, as well as new courses and specialisations focusing strongly on the needs of the modern economy. Some of the courses and specialisations offered are excellent educational opportunities. Studies are taught exclusively at our faculty in Poznań. For over a dozen years the headquarters of the faculty has been the Collegium Physicum, which is a complex of modern buildings for scientific and teaching purposes located at the University campus at Morasko. The Faculty has excellent teaching facilities, such as lecture halls and practice-lecture halls as well as modern scientific and student laboratories. Classes are taught by both renowned professors and promising young scientists. Courses offered for the 2012/2013 academic year at the Faculty of Physics include both full-time and extramural undergraduate and graduate studies (Master's studies). Faculty of Physics offers seven bachelor's programmes:

**Acoustics,
Astronomy,
Biophysics,
Physics,
Medical Physics,
Sound Engineering,
Computer Technologies.**

Moreover, the Faculty offers six graduate (M.Sc.) degree programmes:

**Acoustics,
Astronomy,
Biophysics,
Physics,
Medical Physics,
Optometry,
Technical Applications of the Internet.**

5. DEGREES CONFERRED BY THE FACULTY:

Doctor (Ph.D.) in:

**Astronomy,
Biophysics,
Physics.**

Faculty of Physics

Address:

ul. Umultowska 85, 61-614 Poznań

Phone: +48-61 829 5202

Fax: +48-61 829 5155

Faculty website: <http://www.fizyka.amu.edu.pl>