



University of Silesia in Katowice

This Diploma Supplement model was developed by the European Commission, Council of Europe and UNESCO/CEPES. The purpose of the supplement is to provide sufficient independent data to improve the international 'transparency' and fair academic and professional recognition of qualifications (diplomas, degrees, certificates etc.). It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed at home or abroad by the individual named on the original qualification to which this supplement is appended. It should be free from any value judgements, equivalence statements or suggestions about recognition. Information in all eight sections should be provided. Where information is not provided, an explanation should give the reason why

DIPLOMA SUPPLEMENT

Valid with the Diploma no 82250

1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

- 1.1 Family name(s): *Kwapich*
- 1.2. Given name(s): *Robert Sebastian*
- 1.3. Date of birth (day, month, year): *22 January 1991*
- 1.4. Student identification number or code: *276941*

2. INFORMATION IDENTIFYING THE QUALIFICATION³⁾

- 2.1 Name of qualification and title conferred¹⁾: *Magister*
- 2.2. Main field(s) of study for the qualification:
field of study: Medical Physics, specialization: Ionizing Radiation, degree profile: general academic
- 2.3. Name and status of awarding institution¹⁾:
Uniwersytet Śląski w Katowicach
The University of Silesia in Katowice is a state institution of higher education established under the regulation of the Council of Ministers of 8th June 1968 on founding the University of Silesia in Katowice (Journal of Laws No. 18, item 116).
- 2.4. Name and status of institution (if different from 2.3) administering studies²⁾: —
- 2.5. Language(s) of instruction/examination: *polish*

3. INFORMATION ON THE LEVEL OF THE QUALIFICATION

- 3.1 Level of qualification: *second degree studies. The graduate achieved learning outcomes specified for second cycle qualifications.*
- 3.2. Official length of programme: *1,5 years (3 semesters), 90 ECTS credits*
- 3.3. Access requirements: *a graduation certificate of engineering studies and positive results of qualification proceedings*

4. INFORMATION ON THE CONTENTS AND RESULTS GAINED³⁾

4.1 Mode of study: *full-time*

4.2. Programme requirements:

1 Learning outcomes for the course Medical Physics approved pursuant to the resolution number 133 of the US's Senate on 29th May 2012. Programme of studies as defined by the Resolution number 1 of the Faculty Board of Mathematics, Physics and Chemistry on 27th March 2012.

4.3. Programme details – modules or units studied and the individual grades/marks/ECTS credits obtained:

<i>Subject/module</i>	<i>Grade</i>	<i>ECTS credit</i>
<i>Advanced Nuclear Techniques in Medicine</i>	<i>5</i>	<i>3</i>
<i>Application of Informatics in Medicine</i>	<i>5</i>	<i>8</i>
<i>Bioelectricity and Biomagnetism, Elements of Biocybernetics</i>	<i>5</i>	<i>5</i>
<i>Biomaterials in Medicine, Methods of Studies, Applications</i>	<i>5</i>	<i>2</i>
<i>Brachytherapy and Therapy with Open Radiation Sources</i>	<i>5</i>	<i>2</i>
<i>Emergency Medicine in Sudden Life Danger</i>	<i>5</i>	<i>2</i>
<i>Fundamentals of Radiobiology</i>	<i>5</i>	<i>3</i>
<i>Legal and Organization Issues of Medical Physics</i>	<i>5</i>	<i>2</i>
<i>Master Laboratory part 1</i>	<i>5</i>	<i>4</i>
<i>Master Laboratory part 2</i>	<i>5</i>	<i>24</i>
<i>Master Seminar part 1</i>	<i>4</i>	<i>1</i>
<i>Master Seminar part 2</i>	<i>5</i>	<i>1</i>
<i>Master Seminar part 3</i>	<i>5</i>	<i>1</i>
<i>Medical Physics Laboratory</i>	<i>5</i>	<i>6</i>
<i>Physical Methods in Medicine and Biology II</i>	<i>5</i>	<i>9</i>
<i>Quality Assurance Systems in Medical Laboratories (QA)</i>	<i>5</i>	<i>1</i>
<i>Radiotherapy - Radiation Treatment Planning</i>	<i>5</i>	<i>3</i>
<i>Selected Topic of Experimental Physics</i>	<i>5</i>	<i>3</i>
<i>Selected Topic of Theoretical Physics</i>	<i>5</i>	<i>4</i>
<i>Selected Topics of Medical Physics</i>	<i>5</i>	<i>3</i>
<i>Specialized English</i>	<i>5</i>	<i>2</i>
<i>Swimming</i>	<i>5</i>	<i>1</i>

Total number of ECTS credits: 90

Average grade: 4,95

Subject of the diploma thesis: *Microbiome study of Systemic Lupus Erythematosus patients through Next Generation Sequencing Methods*

4.4. Grading scheme and, if available, grade distribution guidance:

According to the Regulations of the Studies at UŠ, the following grading scheme is applied for examinations and credits:

- very good – 5.0 – A,

- plus good – 4.5 – B,
- good – 4.0 – C,
- plus satisfactory – 3.5 – D,
- satisfactory – 3.0 – E,
- unsatisfactory (first-time examination or credit) – 2.0 – FX,
- unsatisfactory (second-time or third-time examination or credit) – 2.0 – F

Graduation shall take place after a student had defended his/her diploma thesis and passed his/her diploma examination.

An overall mark is entered in a graduation diploma and it is calculated in the following way:

- up to 3.25 – satisfactory, (*dostateczny*),
- 3.26 to 3.75 – plus satisfactory, (*dostateczny plus*);
- 3.76 – 4.25 – good, (*dobry*);
- 4.25 – 4.60 – plus good, (*dobry plus*),
- 4.61 – 4.80 – very good, (*bardzo dobry*),
- over 4.81 – excellent, (*celujący*).

The basis to calculate the final grade is as follows:

- 1) the arithmetic mean of all the final grades, rounded to two decimal places, received by a student for the modules during his/her course of studies, including all the unsatisfactory grades and excluding physical education grades,
- 2) the grade received for the diploma thesis calculated on the basis of the supervisor's and reviewer's grades, including the grade received by an art student for the practical work, and in case of any discrepancies the chairperson of the examination board shall have the deciding vote,
- 3) the grade received by a student from his/her diploma examination calculated on the basis of all the grades received by a student during his/her diploma examination.

The final grade is calculated as follows. $\frac{1}{2}$ of the grade under 1) and $\frac{1}{4}$ of each grade under 2) and 3) (each element of the sum is rounded to two decimal places). If the grade under 1) is lower than 3.0, the final grade may not be higher than satisfactory.

4.5. Overall classification of the qualification¹⁾: *celujący*

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1 Access to further study: *the possibility of applying for post graduate and doctoral studies*

5.2. Professional status (if applicable): —

6. ADDITIONAL INFORMATION³⁾

6.1 Additional information – extracurricular activities and awards received: —

6.2. Further information sources:

University of Silesia in Katowice: www.us.edu.pl, Bureau for Academic Recognition and International Exchange. www.buwiwm.edu.pl

7. CERTIFICATION OF THE SUPPLEMENT

7.1 Date: 14 July 2017

7.2. Signature of the head of the organisational unit of the institution:

7.3. Capacity of the person signed in 7.2: *Dean*

7.4. Official stamp or seal:

DZIEKAN

Wydział Matematyki, Fizyki i Chemii

prof. dr hab. Karol Kolodziej



8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

8.1. Access to the higher education

The total duration of education until completion of a school which offers the possibility of taking the secondary school leaving examination (maturity examination) is 12-15 years. Having passed successfully the secondary school leaving examination (maturity examination), graduates are awarded a secondary school leaving certificate which entitles them to apply for admission to a higher education institution.

8.2. Higher education system

Higher education system in Poland and the basis for its operation are laid down in the Act of 27 July 2005 – Law on Higher Education (Journal of Laws (Dz. U.) No. 164, item 1365, as amended). Its provisions are applied both to public and non-public higher education institutions, in which programmes of study are offered on the same basis and upon completion of the same requirements.

Higher education institutions are divided, irrespective of their status, into academic and vocational ones.

An academic higher education institution is a school in which at least one of its organizational units is entitled to award the academic degree of doktor.

A vocational higher education institution is a school offering first or second-cycle programmes or long-cycle programmes, and which is not entitled to award the academic degree of doktor.

Study programmes are offered as first-cycle, second-cycle and long-cycle programmes and doctoral (third-cycle) programmes.

First-cycle programmes can lead to a licencjat degree and last six or seven semesters, or they can lead to an inżynier degree and last seven or eight semesters. Second-cycle programmes last three or four semesters.

Long-cycle programmes last from nine to twelve semesters.

Doctoral programmes last no longer than four years. Under a separate procedure, in compliance with the provisions of the Regulation of 14 March 2003 on the Academic Degrees and the Academic Title and on Degrees and Title in Arts (Journal of Laws (Dz. U.) No. 65, item 595, as amended), graduates are conferred the academic degree of doktor or doktor w zakresie sztuki.

Higher education programmes and doctoral programmes may be offered as full-time or part-time programmes.

8.3. Degrees awarded to graduates of higher education institutions

- licencjat, licencjat pielęgniarstwa, licencjat położnictwa, inżynier, inżynier pożarnictwa, inżynier architekt and inżynier architekt krajobrazu - awarded to graduates of first-cycle programmes,
- magister and equivalent degrees of magister inżynier, magister inżynier architekt, magister inżynier architekt krajobrazu, magister inżynier pożarnictwa, magister pielęgniarstwa, magister położnictwa, magister sztuki - awarded to graduates of second-cycle programmes,
- magister and equivalent degrees of lekarz, lekarz dentysta, lekarz weterynarii, magister farmacji, magister sztuki - awarded to graduates of long-cycle programmes.

8.4. ECTS

The number of the ECTS credits provided by the plan of studies for one semester is 30, while it is 60 ECTS credits for an academic year. To be awarded a diploma it is necessary to gather at least 180 ECTS credits upon completion of a first-cycle programme, at least 90 ECTS credits upon completion of a second-cycle programme, at least 300 ECTS credits upon completion of a long-cycle programme lasting five years and 360 ECTS credits upon completion of a long-cycle programme lasting six years.

8.5. Academic degrees, degrees in arts, academic title, title in arts

Academic degrees, degrees in arts and the title of profesor are conferred under provisions of the Regulation of 14 March 2003 on the Academic Degrees and the Academic Title and on Degrees and Title in Arts (Journal of Laws (Dz. U.) No. 65, item 595, as amended).

The academic degrees are the degrees of doktor and doktor habilitowany of a specific area of science in a given scientific discipline. The degrees awarded in arts are the degrees of doktor and doktor habilitowany of a specific area of arts in a given artistic discipline. Academic degrees and degrees in arts are conferred by organisational units of higher education institutions and the Polish Academy of Sciences, as well as research institutes in compliance with their powers.

The academic title is the title of profesor of a specific area of science, while the equivalent title in arts is the title of profesor of a specific area of arts. The title of profesor is conferred by the President of the Republic of Poland.

¹⁾In original language.

²⁾Indicate the status of the higher education institution administering the studies: public/non-public; indicate, in original language, the name(s) of the higher education institution(s) offering the study programme jointly.

³⁾If necessary additional pages may be added to provide information in points 2.3, 2.4 4.2 - 4.4, 6.1 and 6.2.