

## Transcript of records

Student's name: **Karol Pokorski**  
 Second name: **Stefan**  
 Date of birth: **1992-07-02**  
 Student number: **248046**

Study program: **Bachelor's degree, first cycle programme,  
 Computer Science**  
 Beginning of studies: **2011-09-26**

### Summer Semester 2011/12

| Code            | Course title          | Classes                                       | Mark                   | ECTS |
|-----------------|-----------------------|---|------------------------|------|
| 2812-WAnMat2-B  | Advanced calculus 2 B | wyk 60.00 / konw 15.00 / cw 45.00             | <b>ZAL 4,5 3</b>       | 5    |
| 2812-WALin2-B   | Linear algebra 2 B    | wyk 45.00 / konw 15.00 / cw 30.00             | <b>ZAL</b>             | 6    |
| 2811-DOPRGM     | Programming           | wyk 15.00 / cw 45.00                          | <b>[2 5 / 4]</b>       | 3    |
| 2811-DOPRGL     | Programming           | wyk 45.00 / rep 30.00 / prac 15.00 / cw 30.00 | <b>[3 / / 5 / 4,5]</b> | 9    |
| 2811-DK6CPP     | Programming in C++    | wyk 30.00 / prac 30.00                        | <b>[ / 4,5]</b>        | 5    |
| 2811-DK6PSC     | Programming in Pascal | wyk 30.00 / prac 30.00                        | <b>[ / 5]</b>          | 5    |
| 2812-nSocjotech | Social Engineering    | wyk 30.00                                     | <b>[4,5]</b>           | 4    |

### Winter Semester 2011/12

| Code           | Course title                                    | Classes                           | Mark             | ECTS |
|----------------|---|-----------------------------------|------------------|------|
| 2811-DK6C      | ANSI C (with Elements of C++)                   | wyk 30.00 / prac 30.00            | <b>[ / 5]</b>    | 5    |
| 2812-wAnMat1-B | Advanced calculus 1 B                           | wyk 60.00 / konw 15.00 / cw 45.00 | <b>ZAL 5 3</b>   | 5    |
| 2811-DP6WI     | Introduction to Computer Science                | wyk 30.00 / cw 30.00              | <b>[5 / 5]</b>   | 6    |
| 2812-wWDM-B    | Introduction to abstract mathematics B          | wyk 30.00 / konw 15.00 / cw 30.00 | <b>ZAL 4,5 4</b> | 7    |
| 2812-wALin1-B  | Linear algebra 1 B                              | wyk 45.00 / konw 15.00 / cw 30.00 | <b>ZAL 5 4</b>   | 4    |
| 2811-DNABHP    | OSH (Occupational safety and health)            | wyk 4.00                          | <b>[zal]</b>     |      |
| 2811-DP9ZWM    | Remedial classes in mathematics                 | wyk 30.00 / cw 60.00              | <b>[ / zal]</b>  | 2    |
| 2811-DS6MIA    | Seminar: Efficient Implementation of Algorithms | sem 30.00                         | <b>[5]</b>       | 3    |

### Winter semester 2012/13

| Code            | Course title                               | Classes                           | Mark             | ECTS |
|-----------------|--|-----------------------------------|------------------|------|
| 2812-wAnMat3-B  | Advanced calculus 3 B                      | wyk 60.00 / konw 15.00 / cw 45.00 | <b>ZAL</b>       | 6    |
| 2812-wAI1-B     | Algebra 1 B                                | wyk 45.00 / konw 15.00 / cw 30.00 | <b>ZAL 4 3</b>   | 3    |
| 2812-WKombERP-B | Combinatorics and elementary probability B | wyk 15.00 / cw 15.00              | <b>ZAL 4,5 5</b> | 3    |
| 2811-DP6ASK     | Computer Systems Architecture              | wyk 30.00 / cw 30.00              | <b>[5 / 5]</b>   | 6    |
| 2811-DOMD       | Discrete Mathematics                       | wyk 45.00 / rep 30.00 / cw 45.00  | <b>[5 / / 5]</b> | 9    |
| 2811-DWF        | Gymnastics                                 | cw 30.00                          | <b>[5]</b>       | 1    |
| 2811-DOANL      | Numerical Analysis                         | wyk 45.00 / cw 30.00              | <b>[4,5 / 5]</b> | 8    |
| 2811-DK6JAV     | Programming in Java                        | wyk 30.00 / prac 30.00            | <b>[ / 5]</b>    | 5    |

## Summer semester 2012/13

| Code            | Course title                   | Classes                           | Mark               | ECTS |
|-----------------|--------------------------------|-----------------------------------|--------------------|------|
| 2811-DOASD      | Algorithms and Data Structures | wyk 60.00 / prac 15.00 / cw 30.00 | <b>[5 / 5 / 5]</b> | 13   |
| 2811-DP6SK      | Computer Networks              | wyk 30.00 / cw+prac 30.00         | <b>[5 / 5]</b>     | 6    |
| 2812-WRR1-A     | Differential equations 1 A     | wyk 45.00 / cw 30.00              | <b>ZAL</b>         | 6    |
| 2811-DWF        | Gymnastics                     | cw 30.00                          | <b>[5]</b>         | 1    |
| 2812-WRPrawd1-A | Probability theory 1A          | wyk 45.00 / cw 30.00              | <b>ZAL</b>         | 6    |

## Winter semester 2013/14

| Code           | Course title                                 | Classes                   | Mark             | ECTS |
|----------------|--|---------------------------|------------------|------|
| 2811-DK11RKJP  | Advanced Programming in Python               | wyk 30.00 / prac 30.00    | <b>[ / 5]</b>    | 5    |
| 2811-DLAB2I-E5 | Examination in English language - level B2II | lek 60.00                 | <b>[4]</b>       | 5    |
| 2811-DP6PGK    | Introduction to Computer Graphics            | wyk 30.00 / prac 30.00    | <b>[4,5 / 5]</b> | 6    |
| 2811-DP6SO     | Operating Systems                            | wyk 30.00 / cw+prac 30.00 | <b>[5 / 3,5]</b> | 6    |
| 2811-DP3       | Professional practice - 3 weeks              | prk-zaw                   | <b>ZAL</b>       | 3    |
| 2811-DP6IO     | Software engineering                         | wyk 30.00 / cw+prac 30.00 | <b>[5 / 5]</b>   | 6    |

## Summer semester

| Code       | Course title   | Classes                   | Mark           | ECTS |
|------------|--|---------------------------|----------------|------|
| 2811-DP6SI | Artificial Intelligence                                | wyk 30.00 / cw+prac 30.00 | <b>[5 / 5]</b> | 6    |
| 2811-DZ8OK | Combinatorial Optimization                             | wyk 30.00 / cw 30.00      | <b>[5 / 5]</b> | 6    |
| 2811-DOLPP | Comprehensive Programming Project: Undergraduate Level | prac 30.00                | <b>[5]</b>     | 4    |
| 2811-DP6PO | Object-Oriented Programming                            | wyk 30.00 / cw+prac 30.00 | <b>[5 / 5]</b> | 6    |

*Grades outside brackets are course grades, grades inside brackets are grades for the classes, vertical bar separates grades for various classes, semicolon separates grades on various exam reports, space separates grades on the same exam report, order of grades on a report follows order of exam sessions. Course code description: wyk - Lecture; konw - Seminar; cw - Class; rep - Lecture revisited; prac - Lab; sem - Seminar; cw+prac - Class + lab; lek - Foreign language class; prk-zaw - Professional Experience.*