

| | | |
|----|--|--|
| 1. | Field of study | Geography |
| 2. | Academic year of entry | 2015/2016 (winter term), 2016/2017 (winter term) |
| 3. | Academic year for which the revised course structure applies | — |
| 4. | Level of qualifications/degree | second-cycle studies |
| 5. | Degree profile | general academic |
| 6. | Mode of study | full-time |
| 7. | ISCED code | 0532 (Earth sciences) |

Specialization: Exploration of the Polar and Mountain Regions

A

| No. | Module | E/C | form of teaching | | | Total ECTS | year 1 | | | year 2 | | | | | | | | | | |
|-----------------|---|-----|------------------|------------|------------|------------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|----------|--|--|
| | | | Total | L | O | | semester 1 | | | semester 2 | | | semester 3 | | | semester 4 | | | | |
| | | | | | | | L | O | E | L | O | E | L | O | E | L | O | E | | |
| 1 | Metodologia nauk geograficznych i historia myśli geograficznej | E | 30 | 30 | | 4 | 30 | | 4 | | | | | | | | | | | |
| 2 | Moduł specjalizacyjny: Geochemia obszarów polarnych i górskich | Z | 25 | 15 | 10 | 3 | 15 | 10 | 3 | | | | | | | | | | | |
| 3 | Moduł specjalnościowy: Eksploracja środowiska regionów polarnych i górskich | E | 30 | 30 | | 3 | 30 | | 3 | | | | | | | | | | | |
| 4 | Moduł specjalnościowy: Geomorfologia glacjalna i peryglacjalna | Z | 20 | | 20 | 3 | | 20 | 3 | | | | | | | | | | | |
| 5 | Moduł specjalnościowy: Glacjologia | Z | 20 | 5 | 15 | 2 | 5 | 15 | 2 | | | | | | | | | | | |
| 6 | Moduł specjalnościowy: Metody geofizyczne w badaniach kriosfery regionów wysokogórskich i polarnych | Z | 25 | 10 | 15 | 2 | 10 | 15 | 2 | | | | | | | | | | | |
| 7 | Dydaktyka geografii w gimnazjum | Z | 30 | 15 | 15 | 3 | | | | 15 | 15 | 3 | | | | | | | | |
| 8 | Filozofia | Z | 20 | 20 | | 1 | | | | 20 | | 1 | | | | | | | | |
| 9 | Globalne problemy środowiska przyrodniczego | E | 60 | 45 | 15 | 6 | | | | 45 | 15 | 6 | | | | | | | | |
| 10 | Moduł specjalizacyjny: Wykład specjalistyczny PAN | Z | 30 | 30 | | 2 | | | | 30 | | 2 | | | | | | | | |
| 11 | Moduł specjalnościowy: Hydrologia obszarów polarnych i górskich | Z | 15 | 7 | 8 | 2 | | | | 7 | 8 | 2 | | | | | | | | |
| 12 | Moduł specjalnościowy: Kras i jaskinie obszarów górskich i polarnych | Z | 20 | 10 | 10 | 3 | | | | 10 | 10 | 3 | | | | | | | | |
| 13 | Moduł specjalnościowy: Wieloletnia zmarzlina i środowisko peryglacjalne | Z | 15 | 15 | | 2 | | | | 15 | | 2 | | | | | | | | |
| 14 | Praktyka pedagogiczna w gimnazjum | Z | 30 | | 30 | 3 | | | | | 30 | 3 | | | | | | | | |
| 15 | Globalne problemy społeczno-ekonomiczne | E | 60 | 45 | 15 | 8 | | | | | | | 45 | 15 | 8 | | | | | |
| 16 | Moduł specjalnościowy: Pokrywa śnieżna i bezpieczeństwo zimowe | Z | 30 | 15 | 15 | 6 | | | | | | | 15 | 15 | 6 | | | | | |
| 17 | Moduł specjalnościowy: Zagospodarowanie i ochrona środowiska polarnego i górskiego | Z | 10 | 10 | | 3 | | | | | | | 10 | | 3 | | | | | |
| 18 | Dydaktyka geografii w szkole ponadgimnazjalnej | Z | 30 | 15 | 15 | 3 | | | | | | | | | | 15 | 15 | 3 | | |
| 19 | Praktyka pedagogiczna w szkole ponadgimnazjalnej | Z | 30 | | 30 | 3 | | | | | | | | | | | 30 | 3 | | |
| TOTAL A: | | | 530 | 317 | 213 | 62 | 90 | 60 | 17 | 142 | 78 | 22 | 70 | 30 | 17 | 15 | 45 | 6 | | |

B - INTERNSHIPS AND FIELD WORK

| No. | Module | E/C | form of teaching | | | Total ECTS | year 1 | | | year 2 | | | | | | | | | | |
|-----|------------------------------------|-----|------------------|---|----|------------|------------|---|---|------------|----|---|------------|---|---|------------|---|---|--|--|
| | | | Total | L | O | | semester 1 | | | semester 2 | | | semester 3 | | | semester 4 | | | | |
| | | | | | | | L | O | E | L | O | E | L | O | E | L | O | E | | |
| 1 | Ćwiczenia terenowe magisterskie | Z | 90 | | 90 | 4 | | | | | 90 | 4 | | | | | | | | |
| 2 | Ćwiczenia terenowe specjalizacyjne | Z | 36 | | 36 | 1 | | | | 36 | 1 | | | | | | | | | |

B - INTERNSHIPS AND FIELD WORK

| No. | Module | E/C | form of teaching | | | Total ECTS | year 1 | | | year 2 | | | | | | | | | | | |
|--|--------|-----|------------------|---|---|------------|------------|-----|---|------------|---|---|------------|-----|---|------------|---|---|---|---|---|
| | | | Total | L | O | | semester 1 | | | semester 2 | | | semester 3 | | | semester 4 | | | | | |
| | | | | | | | L | O | E | L | O | E | L | O | E | L | O | E | | | |
| TOTAL B - INTERNSHIPS AND FIELD WORK: | | | | | | 126 | 0 | 126 | 5 | 0 | 0 | 0 | 0 | 126 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |

C - OTHER REQUIREMENTS

| No. | Module | E/C | form of teaching | | | Total ECTS | year 1 | | | year 2 | | | | | | | | | | | |
|--------------------------------------|--|-----|------------------|----|----|-------------|------------|-----|-----|------------|-----|-----|------------|-----|----|------------|----|----|----|----|----|
| | | | Total | L | O | | semester 1 | | | semester 2 | | | semester 3 | | | semester 4 | | | | | |
| | | | | | | | L | O | E | L | O | E | L | O | E | L | O | E | | | |
| 1 | Język obcy | Z | 30 | | 30 | 2 | | 30 | 2 | | | | | | | | | | | | |
| 2 | Moduł fakultatywny I: GIS i Teledetekcja obszarów polarnych i wysokogórskich | Z | 60 | | 60 | 6 | | 60 | 6 | | | | | | | | | | | | |
| 3 | Seminarium magisterskie I | Z | 30 | | 30 | 5 | | 30 | 5 | | | | | | | | | | | | |
| 4 | Moduł fakultatywny II | Z | 30 | 30 | | 3 | | | | 30 | 3 | | | | | | | | | | |
| 5 | Seminarium magisterskie II | Z | 30 | | 30 | 5 | | | | 30 | 5 | | | | | | | | | | |
| 6 | Wychowanie fizyczne | Z | 30 | | 30 | 1 | | | | 30 | 1 | | | | | | | | | | |
| 7 | Moduł fakultatywny III | Z | 30 | 30 | | 3 | | | | | | 30 | | 3 | | | | | | | |
| 8 | Pracownia magisterska I | Z | 30 | | 30 | 5 | | | | | | 30 | 5 | | | | | | | | |
| 9 | Seminarium magisterskie III | Z | 30 | | 30 | 5 | | | | | | 30 | 5 | | | | | | | | |
| 10 | Pracownia magisterska II | Z | 30 | | 30 | 5 | | | | | | | | | | | | | 30 | 5 | |
| 11 | Seminarium magisterskie IV i przygotowanie pracy magisterskiej | Z | 30 | | 30 | 25 | | | | | | | | | | | | | 30 | 25 | |
| TOTAL C - OTHER REQUIREMENTS: | | | | | | 360 | 60 | 300 | 65 | 0 | 120 | 13 | 30 | 60 | 9 | 30 | 60 | 13 | 0 | 60 | 30 |
| TOTAL: | | | | | | 1016 | 377 | 639 | 132 | 270 | 30 | 436 | 36 | 190 | 30 | 120 | 36 | | | | |
| TOTAL | | | | | | 1016 | | | | | | | | | | | | | | | |

The study ends with the awarding of a Master's Degree in the field of Geography: Exploration of the Polar and Mountain Regions.

Legend

Each semester consists of 15 weeks

E/C - examination/course work

E - ECTS

L - lecture, O - all forms of teaching excluding lecture (practical classes, laboratory classes, discussion classes, seminar, proseminar, language classes, field practice, workshop, internship, tutoring)

Plan studiów zatwierdzony przez Radę Wydziału w dniu 25.06.2013 r.

Otrzymują:

1. Dział Kształcenia
2. Wydział Nauk o Ziemi
3. Dziekanat

.....
(pieczęć i podpis Dyrektora Instytutu)

.....
(pieczęć i podpis Dziekana)

| | | | | | | | | | | | | | | | | | | | |
|-----------------|--|---|------------|------------|------------|-----------|------------|-----------|-----------|------------|------------|-----------|------------|-----------|-----------|-----------|-----------|----------|---|
| 25 | Praktyka pedagogiczna w szkole ponadgimnazjalnej | Z | 30 | | 30 | 3 | | | | | | | | | | | | 30 | 3 |
| TOTAL A: | | | 650 | 410 | 240 | 77 | 115 | 35 | 21 | 150 | 110 | 24 | 130 | 50 | 26 | 15 | 45 | 6 | |

B - INTERNSHIPS AND FIELD WORK

| No. | Module | E/C | Total | L | O | Total ECTS | year 1 | | | | | | year 2 | | | | | | |
|--|------------------------------------|-----|------------|----------|------------|------------|------------------|----------|----------|------------|------------|------------|----------|------------|----------|------------|----------|----------|----------|
| | | | | | | | form of teaching | | | semester 1 | | semester 2 | | semester 3 | | semester 4 | | | |
| | | | | | | | L | O | E | L | O | E | L | O | E | L | O | E | |
| 1 | Ćwiczenia terenowe magisterskie | Z | 90 | | 90 | 4 | | | | 90 | 4 | | | | | | | | |
| 2 | Ćwiczenia terenowe specjalizacyjne | Z | 36 | | 36 | 1 | | | | 36 | 1 | | | | | | | | |
| TOTAL B - INTERNSHIPS AND FIELD WORK: | | | 126 | 0 | 126 | 5 | 0 | 0 | 0 | 0 | 126 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

C - OTHER REQUIREMENTS

| No. | Module | E/C | Total | L | O | Total ECTS | year 1 | | | | | | year 2 | | | | | | |
|--------------------------------------|--|-----|-------------|------------|------------|------------|------------------|-----------|------------|------------|------------|------------|------------|------------|-----------|------------|-----------|-----------|----|
| | | | | | | | form of teaching | | | semester 1 | | semester 2 | | semester 3 | | semester 4 | | | |
| | | | | | | | L | O | E | L | O | E | L | O | E | L | O | E | |
| 1 | Język obcy | Z | 30 | | 30 | 2 | | 30 | 2 | | | | | | | | | | |
| 2 | Moduł fakultatywny I - Szczegółowe zagadnienia klimatologii | Z | 60 | 60 | | 6 | 60 | | 6 | | | | | | | | | | |
| 3 | Seminarium magisterskie I | Z | 30 | | 30 | 5 | | 30 | 5 | | | | | | | | | | |
| 4 | Moduł fakultatywny II - Energetyczne zasoby klimatu | Z | 30 | 30 | | 3 | | | | 30 | 3 | | | | | | | | |
| 5 | Seminarium magisterskie II | Z | 30 | | 30 | 5 | | | | 30 | 5 | | | | | | | | |
| 6 | Wychowanie fizyczne | Z | 30 | | 30 | 1 | | | | 30 | 1 | | | | | | | | |
| 7 | Moduł fakultatywny III - Energia i materia w systemie klimatycznym | Z | 30 | 30 | | 3 | | | | | | 30 | | 3 | | | | | |
| 8 | Pracownia magisterska I | Z | 30 | | 30 | 5 | | | | | | | 30 | 5 | | | | | |
| 9 | Seminarium magisterskie III | Z | 30 | | 30 | 5 | | | | | | | 30 | 5 | | | | | |
| 10 | Pracownia magisterska II | Z | 30 | | 30 | 5 | | | | | | | | | | | | 30 | 5 |
| 11 | Seminarium magisterskie IV i przygotowanie pracy magisterskiej | Z | 30 | | 30 | 25 | | | | | | | | | | | | 30 | 25 |
| TOTAL C - OTHER REQUIREMENTS: | | | 360 | 120 | 240 | 65 | 60 | 60 | 13 | 30 | 60 | 9 | 30 | 60 | 13 | 0 | 60 | 30 | |
| TOTAL: | | | 1136 | 530 | 606 | 147 | 270 | 34 | 476 | 38 | 270 | 39 | 120 | 36 | | | | | |

TOTAL

1136

The study ends with the awarding of a Master's Degree in the field of Geography: Hydroclimatology.

Legend

Each semester consists of 15 weeks

E/C - examination/course work

E - ECTS

L - lecture, O - all forms of teaching excluding lecture (practical classes, laboratory classes, discussion classes, seminar, proseminar, language classes, field practice, workshop, internship, tutoring)

Plan studiów zatwierdzony przez Radę Wydziału w dniu 25.06.2013 r.

Otrzymują:

1. Dział Kształcenia
2. Wydział Nauk o Ziemi
3. Dziekanat

.....
(pieczęć i podpis Dyrektora Instytutu)

.....
(pieczęć i podpis Dziekana)

| | | |
|----|--|--|
| 1. | Field of study | Geography |
| 2. | Academic year of entry | 2015/2016 (winter term), 2016/2017 (winter term) |
| 3. | Academic year for which the revised course structure applies | — |
| 4. | Level of qualifications/degree | second-cycle studies |
| 5. | Degree profile | general academic |
| 6. | Mode of study | full-time |
| 7. | ISCED code | 0532 (Earth sciences) |

Specialization: Reconstruction of Geographic Environment

A

| No. | Module | E/C | form of teaching | | | Total ECTS | year 1 | | | | | | year 2 | | | | | | | |
|-----|--|-----|------------------|----|----|------------|------------|----|---|------------|----|---|------------|----|---|------------|----|---|--|--|
| | | | Total | L | O | | semester 1 | | | semester 2 | | | semester 3 | | | semester 4 | | | | |
| | | | | | | | L | O | E | L | O | E | L | O | E | L | O | E | | |
| 1 | Gospodarka wodna | Z | 20 | 10 | 10 | 3 | 10 | 10 | 3 | | | | | | | | | | | |
| 2 | Metodologia nauk geograficznych i historia myśli geograficznej | E | 30 | 30 | | 4 | 30 | | 4 | | | | | | | | | | | |
| 3 | Morfodynamika rzek a ich renaturalizacja | Z | 15 | 15 | | 2 | 15 | | 2 | | | | | | | | | | | |
| 4 | Ochrona środowiska w Polsce a implementacja przepisów prawa UE | Z | 30 | 30 | | 4 | 30 | | 4 | | | | | | | | | | | |
| 5 | Podstawy dendochronologii | Z | 15 | 15 | | 2 | 15 | | 2 | | | | | | | | | | | |
| 6 | Sozologiczne podstawy gospodarowania środowiskiem | Z | 10 | | 10 | 2 | | 10 | 2 | | | | | | | | | | | |
| 7 | Dydaktyka geografii w gimnazjum | Z | 30 | 15 | 15 | 3 | | | | 15 | 15 | 3 | | | | | | | | |
| 8 | Filozofia | Z | 20 | 20 | | 1 | | | | 20 | | 1 | | | | | | | | |
| 9 | Geomorfologia Polski Południowej | Z | 15 | 15 | | 1 | | | | 15 | | 1 | | | | | | | | |
| 10 | Globalne problemy środowiska przyrodniczego | E | 60 | 45 | 15 | 6 | | | | 45 | 15 | 6 | | | | | | | | |
| 11 | Metody rekonstrukcji środowiska geograficznego | Z | 10 | | 10 | 1 | | | | | 10 | 1 | | | | | | | | |
| 12 | Praktyczne zastosowania dendochronologii | Z | 15 | | 15 | 1 | | | | | 15 | 1 | | | | | | | | |
| 13 | Praktyka pedagogiczna w gimnazjum | Z | 30 | | 30 | 3 | | | | | 30 | 3 | | | | | | | | |
| 14 | Zarządzanie środowiskiem | Z | 15 | | 15 | 2 | | | | | 15 | 2 | | | | | | | | |
| 15 | Zastosowania GIS w badaniach środowiska | Z | 20 | 10 | 10 | 2 | | | | 10 | 10 | 2 | | | | | | | | |
| 16 | Zastosowanie metod fotogrametrycznych w badaniach środowiska | E | 15 | 15 | | 2 | | | | 15 | | 2 | | | | | | | | |
| 17 | Biogeomorfologia - nowe spojrzenie na znaczenie biosfery w kształtowaniu rzeźby | Z | 15 | 15 | | 3 | | | | | | | 15 | | 3 | | | | | |
| 18 | Globalne problemy społeczno-ekonomiczne | E | 60 | 45 | 15 | 8 | | | | | | | 45 | 15 | 8 | | | | | |
| 19 | Rekonstrukcja i prognozowanie zmian środowiska na podstawie analizy osadów rzecznych i stokowych | Z | 15 | 15 | | 2 | | | | | | | 15 | | 2 | | | | | |
| 20 | Terenowe laboratorium rekonstrukcji środowiska | Z | 15 | | 15 | 2 | | | | | | | | 15 | 2 | | | | | |
| 21 | Zastosowanie bioindykatorów w rekonstrukcji środowiska przyrodniczego | Z | 15 | 15 | | 2 | | | | | | | 15 | | 2 | | | | | |
| 22 | Dydaktyka geografii w szkole ponadgimnazjalnej | Z | 30 | 15 | 15 | 3 | | | | | | | | | | 15 | 15 | 3 | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|----|--|---|----|--|----|-----------------|------------|------------|------------|-----------|------------|-----------|-----------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| 23 | Praktyka pedagogiczna w szkole ponadgimnazjalnej | Z | 30 | | 30 | 3 | | | | | | | | | | | | | 30 | 3 | | |
| | | | | | | TOTAL A: | 530 | 325 | 205 | 62 | 100 | 20 | 17 | 120 | 110 | 22 | 90 | 30 | 17 | 15 | 45 | 6 |

B - INTERNSHIPS AND FIELD WORK

| No. | Module | E/C | Total | L | O | Total ECTS | year 1 | | | | | | year 2 | | | | | | | | | |
|-----|------------------------------------|-----|-------|---|----|--|------------------|----------|------------|------------|----------|----------|------------|----------|------------|------------|----------|----------|------------|----------|----------|----------|
| | | | | | | | form of teaching | | | semester 1 | | | semester 2 | | | semester 3 | | | semester 4 | | | |
| | | | | | | | L | O | E | L | O | E | L | O | E | L | O | E | | | | |
| 1 | Ćwiczenia terenowe magisterskie | Z | 90 | | 90 | 4 | | | | 90 | 4 | | | | | | | | | | | |
| 2 | Ćwiczenia terenowe specjalizacyjne | Z | 36 | | 36 | 1 | | | | 36 | 1 | | | | | | | | | | | |
| | | | | | | TOTAL B - INTERNSHIPS AND FIELD WORK: | 126 | 0 | 126 | 5 | 0 | 0 | 0 | 0 | 126 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |

C - OTHER REQUIREMENTS

| No. | Module | E/C | Total | L | O | Total ECTS | year 1 | | | | | | year 2 | | | | | | | | | |
|-----|--|-----|-------|----|----|--------------------------------------|------------------|------------|------------|------------|------------|-----------|------------|-----------|------------|------------|------------|-----------|-------------|----------|-----------|-----------|
| | | | | | | | form of teaching | | | semester 1 | | | semester 2 | | | semester 3 | | | semester 4 | | | |
| | | | | | | | L | O | E | L | O | E | L | O | E | L | O | E | | | | |
| 1 | Język obcy | Z | 30 | | 30 | 2 | | 30 | 2 | | | | | | | | | | | | | |
| 2 | Moduł fakultatywny I - Metody ilościowe w badaniach i rekonstrukcji środowiska | Z | 60 | 60 | | 6 | 60 | | 6 | | | | | | | | | | | | | |
| 3 | Seminarium magisterskie I | Z | 30 | | 30 | 5 | | 30 | 5 | | | | | | | | | | | | | |
| 4 | Moduł fakultatywny II - Przyczyny i skutki powodzi oraz sposoby ich zapobiegania | Z | 30 | 30 | | 3 | | | | 30 | 3 | | | | | | | | | | | |
| 5 | Seminarium magisterskie II | Z | 30 | | 30 | 5 | | | | 30 | 5 | | | | | | | | | | | |
| 6 | Wychowanie fizyczne | Z | 30 | | 30 | 1 | | | | 30 | 1 | | | | | | | | | | | |
| 7 | Moduł fakultatywny III - Procesy egzogeniczne i endogeniczne, i ich przejawy w krajobrazie | Z | 30 | 30 | | 3 | | | | | | | 30 | | 3 | | | | | | | |
| 8 | Pracownia magisterska I | Z | 30 | | 30 | 5 | | | | | | | | 30 | 5 | | | | | | | |
| 9 | Seminarium magisterskie III | Z | 30 | | 30 | 5 | | | | | | | | 30 | 5 | | | | | | | |
| 10 | Pracownia magisterska II | Z | 30 | | 30 | 5 | | | | | | | | | | | | | | 30 | 5 | |
| 11 | Seminarium magisterskie IV i przygotowanie pracy magisterskiej | Z | 30 | | 30 | 25 | | | | | | | | | | | | | | 30 | 25 | |
| | | | | | | TOTAL C - OTHER REQUIREMENTS: | 360 | 120 | 240 | 65 | 60 | 60 | 13 | 30 | 60 | 9 | 30 | 60 | 13 | 0 | 60 | 30 |
| | | | | | | TOTAL: | 1016 | 445 | 571 | 132 | 240 | 30 | 446 | 36 | 210 | 30 | 120 | 36 | 1016 | | | |

TOTAL

1016

The study ends with the awarding of a Master's Degree in the field of Geography: Reconstruction of Geographic Environment.

Legend

Each semester consists of 15 weeks

E/C - examination/course work

E - ECTS

L - lecture, O - all forms of teaching excluding lecture (practical classes, laboratory classes, discussion classes, seminar, proseminar, language classes, field practice, workshop, internship, tutoring)

Plan studiów zatwierdzony przez Radę Wydziału w dniu 25.06.2013 r.

Otrzymują:

1. Dział Kształcenia
2. Wydział Nauk o Ziemi
3. Dziekanat

.....
(pieczęć i podpis Dyrektora Instytutu)

.....
(pieczęć i podpis Dziekana)

| | | |
|----|--|--|
| 1. | Field of study | Geography |
| 2. | Academic year of entry | 2015/2016 (winter term), 2016/2017 (winter term) |
| 3. | Academic year for which the revised course structure applies | — |
| 4. | Level of qualifications/degree | second-cycle studies |
| 5. | Degree profile | general academic |
| 6. | Mode of study | full-time |
| 7. | ISCED code | 0532 (Earth sciences) |

Specialization: Geographical Information Systems

A

| No. | Module | E/C | form of teaching | | | Total ECTS | year 1 | | | | | | year 2 | | | | | | | |
|-----------------|--|-----|------------------|------------|------------|------------|------------|-----------|-----------|------------|------------|-----------|------------|-----------|-----------|------------|-----------|----------|---|--|
| | | | Total | L | O | | semester 1 | | | semester 2 | | | semester 3 | | | semester 4 | | | | |
| | | | | | | | L | O | E | L | O | E | L | O | E | L | O | E | | |
| 1 | Bazy danych | Z | 10 | | 10 | 2 | | 10 | 2 | | | | | | | | | | | |
| 2 | Geomorfometria i NMT w analizach środowiska | Z | 30 | 10 | 20 | 3 | 10 | 20 | 3 | | | | | | | | | | | |
| 3 | Metodologia nauk geograficznych i historia myśli geograficznej | E | 30 | 30 | | 4 | 30 | | 4 | | | | | | | | | | | |
| 4 | Oprogramowanie Open Source GIS w opracowaniach środowiskowych | Z | 10 | | 10 | 2 | | 10 | 2 | | | | | | | | | | | |
| 5 | Podstawy geoinformacji | Z | 40 | 10 | 30 | 6 | 10 | 30 | 6 | | | | | | | | | | | |
| 6 | Dydaktyka geografii w gimnazjum | Z | 30 | 15 | 15 | 3 | | | | 15 | 15 | 3 | | | | | | | | |
| 7 | Filozofia | Z | 20 | 20 | | 1 | | | | 20 | | 1 | | | | | | | | |
| 8 | Globalne problemy środowiska przyrodniczego | E | 60 | 45 | 15 | 6 | | | | 45 | 15 | 6 | | | | | | | | |
| 9 | Metody cyfrowe w teledetekcji | Z | 30 | 10 | 20 | 3 | | | | 10 | 20 | 3 | | | | | | | | |
| 10 | Praktyka pedagogiczna w gimnazjum | Z | 30 | | 30 | 3 | | | | | 30 | 3 | | | | | | | | |
| 11 | Zastosowania GIS | Z | 45 | 15 | 30 | 4 | | | | 15 | 30 | 4 | | | | | | | | |
| 12 | Zastosowanie metod fotogrametrycznych w badaniach środowiska | E | 15 | 15 | | 2 | | | | 15 | | 2 | | | | | | | | |
| 13 | Aplikacje GIS w internecie (WebGIS) | Z | 20 | 5 | 15 | 3 | | | | | | | 5 | 15 | 3 | | | | | |
| 14 | Globalne problemy społeczno-ekonomiczne | E | 60 | 45 | 15 | 8 | | | | | | | 45 | 15 | 8 | | | | | |
| 15 | Mobilne systemy geoinformacyjne | Z | 20 | 5 | 15 | 3 | | | | | | | 5 | 15 | 3 | | | | | |
| 16 | Podstawy geodezji i fotogrametrii | Z | 20 | 5 | 15 | 3 | | | | | | | 5 | 15 | 3 | | | | | |
| 17 | Dydaktyka geografii w szkole ponadgimnazjalnej | Z | 30 | 15 | 15 | 3 | | | | | | | | | | 15 | 15 | 3 | | |
| 18 | Praktyka pedagogiczna w szkole ponadgimnazjalnej | Z | 30 | | 30 | 3 | | | | | | | | | | | | 30 | 3 | |
| TOTAL A: | | | 530 | 245 | 285 | 62 | 50 | 70 | 17 | 120 | 110 | 22 | 60 | 60 | 17 | 15 | 45 | 6 | | |

B - INTERNSHIPS AND FIELD WORK

| No. | Module | E/C | form of teaching | | | Total ECTS | year 1 | | | | | | year 2 | | | | | | | |
|-----|---------------------------------|-----|------------------|---|----|------------|------------|---|---|------------|----|---|------------|---|---|------------|---|---|--|--|
| | | | Total | L | O | | semester 1 | | | semester 2 | | | semester 3 | | | semester 4 | | | | |
| | | | | | | | L | O | E | L | O | E | L | O | E | L | O | E | | |
| 1 | Ćwiczenia terenowe magisterskie | Z | 90 | | 90 | 4 | | | | | 90 | 4 | | | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|--|------------------------------------|---|------------|----------|------------|----------|----------|----------|----------|----------|------------|----------|----------|----------|----------|----------|----------|----------|
| 2 | Ćwiczenia terenowe specjalizacyjne | Z | 36 | | 36 | 1 | | | | | 36 | 1 | | | | | | |
| TOTAL B - INTERNSHIPS AND FIELD WORK: | | | 126 | 0 | 126 | 5 | 0 | 0 | 0 | 0 | 126 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |

C - OTHER REQUIREMENTS

| No. | Module | E/C | form of teaching | | | | year 1 | | | | | | year 2 | | | | | | |
|--------------------------------------|--|-----|------------------|------------|------------|------------|------------|-----------|------------|-------------|------------|-----------|------------|-----------|-----------|------------|-----------|-----------|--|
| | | | Total | L | O | Total ECTS | semester 1 | | | semester 2 | | | semester 3 | | | semester 4 | | | |
| | | | | | | | L | O | E | L | O | E | L | O | E | L | O | E | |
| 1 | Język obcy | Z | 30 | | 30 | 2 | | 30 | 2 | | | | | | | | | | |
| 2 | Moduł fakultatywny I - Nowoczesne narzędzia w badaniach środowiska | Z | 60 | 60 | | 6 | 60 | | 6 | | | | | | | | | | |
| 3 | Seminarium magisterskie I | Z | 30 | | 30 | 5 | | 30 | 5 | | | | | | | | | | |
| 4 | Moduł fakultatywny II - Tematyczne opracowania w środowisku GIS | Z | 30 | 30 | | 3 | | | | 30 | | 3 | | | | | | | |
| 5 | Seminarium magisterskie II | Z | 30 | | 30 | 5 | | | | 30 | | 5 | | | | | | | |
| 6 | Wychowanie fizyczne | Z | 30 | | 30 | 1 | | | | 30 | | 1 | | | | | | | |
| 7 | Moduł fakultatywny III - GIS w planowaniu przestrzennym | Z | 30 | 30 | | 3 | | | | | | | 30 | | 3 | | | | |
| 8 | Pracownia magisterska I | Z | 30 | | 30 | 5 | | | | | | | | 30 | 5 | | | | |
| 9 | Seminarium magisterskie III | Z | 30 | | 30 | 5 | | | | | | | | 30 | 5 | | | | |
| 10 | Pracownia magisterska II | Z | 30 | | 30 | 5 | | | | | | | | | | | 30 | 5 | |
| 11 | Seminarium magisterskie IV i przygotowanie pracy magisterskiej | Z | 30 | | 30 | 25 | | | | | | | | | | | 30 | 25 | |
| TOTAL C - OTHER REQUIREMENTS: | | | 360 | 120 | 240 | 65 | 60 | 60 | 13 | 30 | 60 | 9 | 30 | 60 | 13 | 0 | 60 | 30 | |
| TOTAL: | | | 1016 | 365 | 651 | 132 | 240 | 30 | 446 | 36 | 210 | 30 | 120 | 36 | | | | | |
| TOTAL | | | | | | | | | | 1016 | | | | | | | | | |

The study ends with the awarding of a Master's Degree in the field of Geography: Geographical Information Systems.

Legend

Each semester consists of 15 weeks

E/C - examination/course work

E - ECTS

L - lecture, O - all forms of teaching excluding lecture (practical classes, laboratory classes, discussion classes, seminar, proseminar, language classes, field practice, workshop, internship, tutoring)

Plan studiów zatwierdzony przez Radę Wydziału w dniu 25.06.2013 r.

Otrzymują:

1. Dział Kształcenia
2. Wydział Nauk o Ziemi
3. Dziekanat

.....
(pieczęć i podpis Dyrektora Instytutu)

.....
(pieczęć i podpis Dziekana)

| | | |
|----|--|--|
| 1. | Field of study | Geography |
| 2. | Academic year of entry | 2015/2016 (winter term), 2016/2017 (winter term) |
| 3. | Academic year for which the revised course structure applies | — |
| 4. | Level of qualifications/degree | second-cycle studies |
| 5. | Degree profile | general academic |
| 6. | Mode of study | full-time |
| 7. | ISCED code | 0532 (Earth sciences) |

Specialization: International Tourism

A

| No. | Module | E/C | form of teaching | | | | year 1 | | | | | | year 2 | | | | | | | |
|-----------------|--|-----|------------------|------------|------------|------------|------------|-----------|-----------|------------|------------|-----------|------------|-----------|-----------|------------|-----------|----------|----|---|
| | | | Total | L | O | Total ECTS | semester 1 | | | semester 2 | | | semester 3 | | | semester 4 | | | | |
| | | | | | | | L | O | E | L | O | E | L | O | E | L | O | E | | |
| 1 | Geografia turystyczna świata | Z | 30 | 15 | 15 | 5 | 15 | 15 | 5 | | | | | | | | | | | |
| 2 | Metodologia nauk geograficznych i historia myśli geograficznej | E | 30 | 30 | | 4 | 30 | | 4 | | | | | | | | | | | |
| 3 | Obsługa ruchu turystycznego | Z | 20 | 10 | 10 | 3 | 10 | 10 | 3 | | | | | | | | | | | |
| 4 | Podstawy turystyki | Z | 15 | 15 | | 2 | 15 | | 2 | | | | | | | | | | | |
| 5 | Prawo w turystyce | Z | 15 | 15 | | 2 | 15 | | 2 | | | | | | | | | | | |
| 6 | Rodzaje i formy turystyki | Z | 10 | 10 | | 1 | 10 | | 1 | | | | | | | | | | | |
| 7 | Atrakcje turystyczne Polski | Z | 35 | 20 | 15 | 4 | | | | 20 | 15 | 4 | | | | | | | | |
| 8 | Dydaktyka geografii w gimnazjum | Z | 30 | 15 | 15 | 3 | | | | 15 | 15 | 3 | | | | | | | | |
| 9 | Dziedzictwo kulturowe świata | Z | 25 | 10 | 15 | 3 | | | | 10 | 15 | 3 | | | | | | | | |
| 10 | Filozofia | Z | 20 | 20 | | 1 | | | | 20 | | 1 | | | | | | | | |
| 11 | Globalne problemy środowiska przyrodniczego | E | 60 | 45 | 15 | 6 | | | | 45 | 15 | 6 | | | | | | | | |
| 12 | Metody oceny i techniki komputerowe w turystyce | Z | 30 | | 30 | 2 | | | | | 30 | 2 | | | | | | | | |
| 13 | Praktyka pedagogiczna w gimnazjum | Z | 30 | | 30 | 3 | | | | | 30 | 3 | | | | | | | | |
| 14 | Ekonomiczne podstawy turystyki | Z | 60 | 30 | 30 | 9 | | | | | | | 30 | 30 | 9 | | | | | |
| 15 | Globalne problemy społeczno-ekonomiczne | E | 60 | 45 | 15 | 8 | | | | | | | 45 | 15 | 8 | | | | | |
| 16 | Dydaktyka geografii w szkole ponadgimnazjalnej | Z | 30 | 15 | 15 | 3 | | | | | | | | | | | 15 | 15 | 3 | |
| 17 | Praktyka pedagogiczna w szkole ponadgimnazjalnej | Z | 30 | | 30 | 3 | | | | | | | | | | | | | 30 | 3 |
| TOTAL A: | | | 530 | 295 | 235 | 62 | 95 | 25 | 17 | 110 | 120 | 22 | 75 | 45 | 17 | 15 | 45 | 6 | | |

B - INTERNSHIPS AND FIELD WORK

| No. | Module | E/C | form of teaching | | | | year 1 | | | | | | year 2 | | | | | | | | |
|-----|---------------------------------|-----|------------------|---|----|------------|------------|---|---|------------|----|---|------------|---|---|------------|---|---|--|--|--|
| | | | Total | L | O | Total ECTS | semester 1 | | | semester 2 | | | semester 3 | | | semester 4 | | | | | |
| | | | | | | | L | O | E | L | O | E | L | O | E | L | O | E | | | |
| 1 | Ćwiczenia terenowe magisterskie | Z | 90 | | 90 | 4 | | | | | 90 | 4 | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|--|------------------------------------|---|------------|----------|------------|----------|----------|----------|----------|----------|------------|----------|----------|----------|----------|----------|----------|----------|
| 2 | Ćwiczenia terenowe specjalizacyjne | Z | 36 | | 36 | 1 | | | | | 36 | 1 | | | | | | |
| TOTAL B - INTERNSHIPS AND FIELD WORK: | | | 126 | 0 | 126 | 5 | 0 | 0 | 0 | 0 | 126 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |

C - OTHER REQUIREMENTS

| No. | Module | E/C | form of teaching | | | | year 1 | | | | | | year 2 | | | | | |
|--------------------------------------|--|-----|------------------|------------|------------|------------|------------|-----------|------------|------------|-------------|-----------|------------|-----------|-----------|------------|-----------|-----------|
| | | | Total | L | O | Total ECTS | semester 1 | | | semester 2 | | | semester 3 | | | semester 4 | | |
| | | | | | | | L | O | E | L | O | E | L | O | E | L | O | E |
| 1 | Język obcy | Z | 30 | | 30 | 2 | | 30 | 2 | | | | | | | | | |
| 2 | Moduł fakultatywny I - Regiony turystyczne świata | Z | 60 | 60 | | 6 | 60 | | 6 | | | | | | | | | |
| 3 | Seminarium magisterskie I | Z | 30 | | 30 | 5 | | 30 | 5 | | | | | | | | | |
| 4 | Moduł fakultatywny II - Strategie obsługi klienta | Z | 30 | 30 | | 3 | | | | 30 | | 3 | | | | | | |
| 5 | Seminarium magisterskie II | Z | 30 | | 30 | 5 | | | | 30 | | 5 | | | | | | |
| 6 | Wychowanie fizyczne | Z | 30 | | 30 | 1 | | | | 30 | | 1 | | | | | | |
| 7 | Moduł fakultatywny III - Turystyka a środowisko | Z | 30 | 30 | | 3 | | | | | | | 30 | | 3 | | | |
| 8 | Pracownia magisterska I | Z | 30 | | 30 | 5 | | | | | | | | 30 | 5 | | | |
| 9 | Seminarium magisterskie III | Z | 30 | | 30 | 5 | | | | | | | | 30 | 5 | | | |
| 10 | Pracownia magisterska II | Z | 30 | | 30 | 5 | | | | | | | | | | | 30 | 5 |
| 11 | Seminarium magisterskie IV i przygotowanie pracy magisterskiej | Z | 30 | | 30 | 25 | | | | | | | | | | | 30 | 25 |
| TOTAL C - OTHER REQUIREMENTS: | | | 360 | 120 | 240 | 65 | 60 | 60 | 13 | 30 | 60 | 9 | 30 | 60 | 13 | 0 | 60 | 30 |
| TOTAL: | | | 1016 | 415 | 601 | 132 | 240 | 30 | 446 | 36 | 210 | 30 | 120 | 36 | | | | |
| TOTAL | | | | | | | | | | | 1016 | | | | | | | |

The study ends with the awarding of a Master's Degree in the field of Geography: International Tourism.

Legend

Each semester consists of 15 weeks

E/C - examination/course work

E - ECTS

L - lecture, O - all forms of teaching excluding lecture (practical classes, laboratory classes, discussion classes, seminar, proseminar, language classes, field practice, workshop, internship, tutoring)

Plan studiów zatwierdzony przez Radę Wydziału w dniu 25.06.2013 r.

Otrzymują:

1. Dział Kształcenia
2. Wydział Nauk o Ziemi
3. Dziekanat

.....
(pieczęć i podpis Dyrektora Instytutu)

.....
(pieczęć i podpis Dziekana)

| | | |
|----|--|--|
| 1. | Field of study | Geography |
| 2. | Academic year of entry | 2015/2016 (winter term), 2016/2017 (winter term) |
| 3. | Academic year for which the revised course structure applies | — |
| 4. | Level of qualifications/degree | second-cycle studies |
| 5. | Degree profile | general academic |
| 6. | Mode of study | full-time |
| 7. | ISCED code | 0532 (Earth sciences) |

Specialization: Integrated Environmental Management

A

| No. | Module | E/C | form of teaching | | | Total ECTS | year 1 | | | | | | year 2 | | | | | | |
|-----|--|-----|------------------|----|----|------------|------------|----|---|------------|----|---|------------|----|---|------------|----|---|--|
| | | | Total | L | O | | semester 1 | | | semester 2 | | | semester 3 | | | semester 4 | | | |
| | | | | | | | L | O | E | L | O | E | L | O | E | L | O | E | |
| 1 | Ekopedologia | Z | 30 | 20 | 10 | 4 | 20 | 10 | 4 | | | | | | | | | | |
| 2 | Gospodarka wodna | Z | 20 | 10 | 10 | 3 | 10 | 10 | 3 | | | | | | | | | | |
| 3 | Metodologia nauk geograficznych i historia myśli geograficznej | E | 30 | 30 | | 4 | 30 | | 4 | | | | | | | | | | |
| 4 | Ochrona środowiska w Polsce a implementacja przepisów prawa UE | Z | 30 | 30 | | 4 | 30 | | 4 | | | | | | | | | | |
| 5 | Osady czwartorzędowe | Z | 30 | 15 | 15 | 4 | 15 | 15 | 4 | | | | | | | | | | |
| 6 | Sozologiczne podstawy gospodarowania środowiskiem | Z | 10 | | 10 | 2 | 10 | | 2 | | | | | | | | | | |
| 7 | Współczesne metody i narzędzia w badaniach środowiska I | Z | 30 | 10 | 20 | 4 | 10 | 20 | 4 | | | | | | | | | | |
| 8 | Dydaktyka geografii w gimnazjum | Z | 30 | 15 | 15 | 3 | | | | 15 | 15 | 3 | | | | | | | |
| 9 | Ekosystemy antropogeniczne | Z | 30 | 15 | 15 | 2 | | | | 15 | 15 | 2 | | | | | | | |
| 10 | Filozofia | Z | 20 | 20 | | 1 | | | | 20 | | 1 | | | | | | | |
| 11 | Globalne problemy środowiska przyrodniczego | E | 60 | 45 | 15 | 6 | | | | 45 | 15 | 6 | | | | | | | |
| 12 | Gospodarowanie zasobami środowiska | Z | 30 | 15 | 15 | 4 | | | | 15 | 15 | 4 | | | | | | | |
| 13 | Metody opracowań elementów klimatu | Z | 10 | | 10 | 1 | | | | 10 | | 1 | | | | | | | |
| 14 | Ochrona ekosystemów | Z | 30 | 15 | 15 | 2 | | | | 15 | 15 | 2 | | | | | | | |
| 15 | Praktyka pedagogiczna w gimnazjum | Z | 30 | | 30 | 3 | | | | | 30 | 3 | | | | | | | |
| 16 | Współczesne metody i narzędzia w badaniach środowiska II | Z | 30 | | 30 | 2 | | | | | 30 | 2 | | | | | | | |
| 17 | Zarządzanie środowiskiem | Z | 15 | | 15 | 2 | | | | | 15 | 2 | | | | | | | |
| 18 | Zastosowania GIS w badaniach środowiska | Z | 20 | 10 | 10 | 2 | | | | 10 | 10 | 2 | | | | | | | |
| 19 | Zastosowanie metod fotogrametrycznych w badaniach środowiska | E | 15 | 15 | | 2 | | | | 15 | | 2 | | | | | | | |
| 20 | Funkcjonowanie ekosystemów | Z | 30 | 15 | 15 | 5 | | | | | | | 15 | 15 | 5 | | | | |
| 21 | Globalne problemy społeczno-ekonomiczne | E | 60 | 45 | 15 | 8 | | | | | | | 45 | 15 | 8 | | | | |
| 22 | Góry wysokie: przyroda i ludzie | Z | 15 | 15 | | 2 | | | | | | | 15 | | 2 | | | | |
| 23 | Wody w środowisku krasowym - zagrożenia i ochrona | Z | 15 | 15 | | 2 | | | | | | | 15 | | 2 | | | | |
| 24 | Wybrane zagadnienia geografii fizycznej | Z | 60 | 30 | 30 | 9 | | | | | | | 30 | 30 | 9 | | | | |
| 25 | Zarządzanie środowiskiem w strukturach jednostek samorządu terytorialnego Polski | Z | 15 | 15 | | 3 | | | | | | | 15 | | 3 | | | | |
| 26 | Zjawiska krasowe | Z | 15 | 15 | | 2 | | | | | | | 15 | | 2 | | | | |
| 27 | Dydaktyka geografii w szkole ponadgimnazjalnej | Z | 30 | 15 | 15 | 3 | | | | | | | | | | 15 | 15 | 3 | |

| | | |
|----|--|--|
| 1. | Field of study | Geography |
| 2. | Academic year of entry | 2015/2016 (winter term), 2016/2017 (winter term) |
| 3. | Academic year for which the revised course structure applies | — |
| 4. | Level of qualifications/degree | second-cycle studies |
| 5. | Degree profile | general academic |
| 6. | Mode of study | full-time |
| 7. | ISCED code | 0532 (Earth sciences) |

Specialization: Spatial Development

A

| No. | Module | E/C | form of teaching | | | | year 1 | | | | | | year 2 | | | | | | | |
|-----------------|--|-----|------------------|------------|------------|------------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|----------|---|--|
| | | | Total | L | O | Total ECTS | semester 1 | | | semester 2 | | | semester 3 | | | semester 4 | | | | |
| | | | | | | | L | O | E | L | O | E | L | O | E | L | O | E | | |
| 1 | Metodologia nauk geograficznych i historia myśli geograficznej | E | 30 | 30 | | 4 | 30 | | 4 | | | | | | | | | | | |
| 2 | Metody analizy przestrzennej | Z | 60 | 30 | 30 | 9 | 30 | 30 | 9 | | | | | | | | | | | |
| 3 | Techniki komputerowe w gospodarce przestrzennej | Z | 30 | | 30 | 4 | | 30 | 4 | | | | | | | | | | | |
| 4 | Dydaktyka geografii w gimnazjum | Z | 30 | 15 | 15 | 3 | | | | 15 | 15 | 3 | | | | | | | | |
| 5 | Filozofia | Z | 20 | 20 | | 1 | | | | 20 | | 1 | | | | | | | | |
| 6 | Globalne problemy środowiska przyrodniczego | E | 60 | 45 | 15 | 6 | | | | 45 | 15 | 6 | | | | | | | | |
| 7 | Podstawy prawa administracyjnego w gospodarce przestrzennej | Z | 15 | 15 | | 1 | | | | 15 | | 1 | | | | | | | | |
| 8 | Pracownia planistyczna | Z | 15 | | 15 | 2 | | | | | 15 | 2 | | | | | | | | |
| 9 | Praktyka pedagogiczna w gimnazjum | Z | 30 | | 30 | 3 | | | | | 30 | 3 | | | | | | | | |
| 10 | Urbanizacja i metropolizacja regionów przemysłowych | Z | 30 | 15 | 15 | 4 | | | | 15 | 15 | 4 | | | | | | | | |
| 11 | Wybrane zagadnienia antropogeograficzne w zagospodarowaniu przestrzennym | Z | 30 | 30 | | 2 | | | | 30 | | 2 | | | | | | | | |
| 12 | Globalne problemy społeczno-ekonomiczne | E | 60 | 45 | 15 | 8 | | | | | | | 45 | 15 | 8 | | | | | |
| 13 | Polityka regionalna | Z | 15 | 15 | | 2 | | | | | | | 15 | | 2 | | | | | |
| 14 | Samorząd terytorialny - organizacja, podstawy prawne i ekonomiczne | Z | 15 | 10 | 5 | 2 | | | | | | | 10 | 5 | 2 | | | | | |
| 15 | Spoleczne i kulturowe uwarunkowania gospodarki przestrzennej | Z | 30 | 20 | 10 | 5 | | | | | | | 20 | 10 | 5 | | | | | |
| 16 | Dydaktyka geografii w szkole ponadgimnazjalnej | Z | 30 | 15 | 15 | 3 | | | | | | | | | | | 15 | 15 | 3 | |
| 17 | Praktyka pedagogiczna w szkole ponadgimnazjalnej | Z | 30 | | 30 | 3 | | | | | | | | | | | | 30 | 3 | |
| TOTAL A: | | | 530 | 305 | 225 | 62 | 60 | 60 | 17 | 140 | 90 | 22 | 90 | 30 | 17 | 15 | 45 | 6 | | |

B - INTERNSHIPS AND FIELD WORK

| No. | Module | E/C | form of teaching | | | | year 1 | | | | | | year 2 | | | | | | | |
|-----|---------------------------------|-----|------------------|---|----|------------|------------|---|---|------------|----|---|------------|---|---|------------|---|---|--|--|
| | | | Total | L | O | Total ECTS | semester 1 | | | semester 2 | | | semester 3 | | | semester 4 | | | | |
| | | | | | | | L | O | E | L | O | E | L | O | E | L | O | E | | |
| 1 | Ćwiczenia terenowe magisterskie | Z | 90 | | 90 | 4 | | | | | 90 | 4 | | | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|--|------------------------------------|---|------------|----------|------------|----------|----------|----------|----------|----------|------------|----------|----------|----------|----------|----------|----------|----------|
| 2 | Ćwiczenia terenowe specjalizacyjne | Z | 36 | | 36 | 1 | | | | | 36 | 1 | | | | | | |
| TOTAL B - INTERNSHIPS AND FIELD WORK: | | | 126 | 0 | 126 | 5 | 0 | 0 | 0 | 0 | 126 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |

C - OTHER REQUIREMENTS

| No. | Module | E/C | form of teaching | | | | year 1 | | | | | | year 2 | | | | | |
|--------------------------------------|--|-----|------------------|------------|------------|------------|------------|-----------|------------|-------------|------------|-----------|------------|-----------|-----------|------------|-----------|-----------|
| | | | Total | L | O | Total ECTS | semester 1 | | | semester 2 | | | semester 3 | | | semester 4 | | |
| | | | | | | | L | O | E | L | O | E | L | O | E | L | O | E |
| 1 | Język obcy | Z | 30 | | 30 | 2 | | 30 | 2 | | | | | | | | | |
| 2 | Moduł fakultatywny I - Społeczno-ekonomiczne uwarunkowania gospodarki przestrzennej | Z | 60 | 60 | | 6 | 60 | | 6 | | | | | | | | | |
| 3 | Seminarium magisterskie I | Z | 30 | | 30 | 5 | | 30 | 5 | | | | | | | | | |
| 4 | Moduł fakultatywny II - Problemy przestrzenne urbanistyki | Z | 30 | 30 | | 3 | | | | 30 | | 3 | | | | | | |
| 5 | Seminarium magisterskie II | Z | 30 | | 30 | 5 | | | | 30 | | 5 | | | | | | |
| 6 | Wychowanie fizyczne | Z | 30 | | 30 | 1 | | | | 30 | | 1 | | | | | | |
| 7 | Moduł fakultatywny III - Problemy restrukturyzacji i rewitalizacji regionów tradycyjnych | Z | 30 | 30 | | 3 | | | | | | | 30 | | 3 | | | |
| 8 | Pracownia magisterska I | Z | 30 | | 30 | 5 | | | | | | | | 30 | 5 | | | |
| 9 | Seminarium magisterskie III | Z | 30 | | 30 | 5 | | | | | | | | 30 | 5 | | | |
| 10 | Pracownia magisterska II | Z | 30 | | 30 | 5 | | | | | | | | | | | 30 | 5 |
| 11 | Seminarium magisterskie IV i przygotowanie pracy magisterskiej | Z | 30 | | 30 | 25 | | | | | | | | | | | 30 | 25 |
| TOTAL C - OTHER REQUIREMENTS: | | | 360 | 120 | 240 | 65 | 60 | 60 | 13 | 30 | 60 | 9 | 30 | 60 | 13 | 0 | 60 | 30 |
| TOTAL: | | | 1016 | 425 | 591 | 132 | 240 | 30 | 446 | 36 | 210 | 30 | 120 | 36 | | | | |
| TOTAL | | | | | | | | | | 1016 | | | | | | | | |

The study ends with the awarding of a Master's Degree in the field of Geography: Spatial Development.

Legend

Each semester consists of 15 weeks

E/C - examination/course work

E - ECTS

L - lecture, O - all forms of teaching excluding lecture (practical classes, laboratory classes, discussion classes, seminar, proseminar, language classes, field practice, workshop, internship, tutoring)

Plan studiów zatwierdzony przez Radę Wydziału w dniu 25.06.2013 r.

Otrzymują:

1. Dział Kształcenia
2. Wydział Nauk o Ziemi
3. Dziekanat

.....
(pieczęć i podpis Dyrektora Instytutu)

.....
(pieczęć i podpis Dziekana)