

Plan studiów

| | |
|--------------------------|-------------------------|
| Kierunek studiów: | ROLNICTWO - AGRICULTURE |
| Poziom studiów: | pierwszego stopnia |
| Profil studiów: | ogólnoakademicki |
| Forma studiów | stacjonarne |

| Semestr studiów | | | | | | | | 1 |
|------------------------|-------------------------------------------|-------------|----------------------------|------------|-----------|-------------|----------------------------|-----------------|
| Lp. | Nazwa przedmiotu | Wymiar ECTS | Łączny wymiar godzin zajęć | w tym: | | | Forma zaliczenia końcowego | |
| | | | | wykłady | seminaria | ćwiczenia | | |
| | | | | | | audytorijne | | specjalistyczne |
| Obowiązkowe | | | | | | | | |
| 1. | Health and Safety at Work | 0 | 4 | 4 | | | ZAL | |
| 2. | Introduction to Polish Language | 4 | 45 | | | 45 | Z | |
| 3. | English for Professionals | 2 | 30 | | | 30 | Z | |
| 4. | Intellectual Property Protection | 1 | 15 | 15 | | | Z | |
| 5. | Botany and Genetics | 8 | 75 | 30 | | 15 | 30 | E |
| 6. | Basics of Economics | 4 | 35 | 15 | | 20 | | Z |
| 7. | Chemistry | 8 | 80 | 30 | | 10 | 40 | E |
| 8. | Physical Education | 0 | 30 | | | | 30 | ZAL |
| A | RAZEM W SEMESTRZE 1 (A) | 27 | 314 | 94 | | 120 | 100 | --- |
| Fakultatywne | | | | | | | | |
| 1. | Economic History | 3 | 30 | 30 | | | | Z |
| 2. | Agricultural Policy and Local Development | 3 | 30 | 30 | | | | Z |
| 3. | Polish History and Culture | 3 | 30 | 30 | | | | Z |
| B | RAZEM W SEMESTRZE 1 (B) | 3 | 30 | 30 | | | | |
| A+B | RAZEM W SEMESTRZE 1 (A+B) | 30 | 344 | 124 | | 120 | 100 | --- |

| Semestr studiów | | | | | | | | 2 |
|------------------------|-------------------------------------------|-------------|----------------------------|-----------|-----------|-------------|----------------------------|-----------------|
| Lp. | Nazwa przedmiotu | Wymiar ECTS | Łączny wymiar godzin zajęć | w tym: | | | Forma zaliczenia końcowego | |
| | | | | wykłady | seminaria | ćwiczenia | | |
| | | | | | | audytorijne | | specjalistyczne |
| Obowiązkowe | | | | | | | | |
| 1. | Statistics and Information Technologies | 5 | 60 | 15 | | 30 | 15 | E |
| 2. | Physics | 5 | 50 | 30 | | | 20 | E |
| 3. | Plant Physiology and Biochemistry | 5 | 60 | 15 | | 15 | 30 | E |
| 4. | Soil Science | 5 | 60 | 15 | | | 45 | E |
| 5. | Introduction to Polish Language | 4 | 45 | | | | 45 | Z |
| 6. | English for Professionals | 3 | 30 | | | | 30 | Z |
| 7. | Physical Exercises | 0 | 30 | | | | 30 | ZAL |
| A | RAZEM W SEMESTRZE 2 (A) | 27 | 335 | 75 | | 45 | 215 | --- |
| Fakultatywne | | | | | | | | |
| 1. | Agricultural Policy and Local Development | 3 | 30 | 30 | | | | Z |
| 2. | Contemporary Climate Change | 3 | 30 | 15 | | 15 | | Z |

| | | | | | | | | |
|------------|----------------------------------|-----------|------------|------------|----------|-----------|------------|------------|
| 3. | Ecology of Microorganisms | 3 | 30 | 15 | | 15 | | Z |
| B | RAZEM W SEMESTRZE 2 (B) | 3 | 30 | 30 | | | | |
| A+B | RAZEM W SEMESTRZE 2 (A+B) | 30 | 365 | 105 | 0 | 45 | 215 | --- |

Semestr studiów 3

| Lp. | Nazwa przedmiotu | Wymiar ECTS | Łączny wymiar godzin zajęć | w tym: | | | | Forma zaliczenia końcowego | |
|--------------|---------------------------------------------------------------|-------------|----------------------------|------------|-----------|-------------|-----------------|----------------------------|------------|
| | | | | wykłady | seminaria | ćwiczenia | | | |
| | | | | | | audytoryjne | specjalistyczne | | |
| Obowiązkowe | | | | | | | | | |
| 1. | Animal Physiology with Anatomy | 3 | 30 | 15 | | | 15 | Z | |
| 2. | Microbiology | 5 | 60 | 15 | | | 15 | 30 | E |
| 3. | English for Professionals | 2 | 30 | | | | 30 | | Z |
| 4. | Farming Systems | 4 | 45 | 15 | | | 30 | | E |
| A | RAZEM W SEMESTRZE 3 (A) | 14 | 165 | 45 | | | 75 | 45 | --- |
| Fakultatywne | | | | | | | | | |
| 1. | Watershed, Fluvial Geomorphology and River Channel Management | 4 | 30 | 15 | | | 15 | | Z |
| 2. | Agricultural Engineering | 4 | 45 | 30 | | | | 15 | Z |
| 3. | Agroecology and Environmental Protection | 4 | 45 | 15 | | | 30 | | Z |
| 4. | Technical Infrastructure of Agriculture | 4 | 45 | 30 | | | | 15 | Z |
| 5. | Monitoring and Modeling of Soil Properties | 4 | 45 | 15 | | | | 30 | Z |
| B | RAZEM W SEMESTRZE 3 (B) | 16 | 150 | 90 | | | 30 | 30 | |
| A+B | RAZEM W SEMESTRZE 3 (A+B) | 30 | 315 | 135 | 0 | | 105 | 75 | --- |

Semestr studiów 4

| Lp. | Nazwa przedmiotu | Wymiar ECTS | Łączny wymiar godzin zajęć | w tym: | | | | Forma zaliczenia końcowego | |
|--------------|-----------------------------------------------------------------------------|-------------|----------------------------|-----------|-----------|-------------|-----------------|----------------------------|------------|
| | | | | wykłady | seminaria | ćwiczenia | | | |
| | | | | | | audytoryjne | specjalistyczne | | |
| Obowiązkowe | | | | | | | | | |
| 1. | Plant Nutrition | 5 | 65 | 15 | | | | 50 | E |
| 2. | Sustainable Crop Production | 8 | 90 | 30 | | | 30 | 30 | E |
| 3. | Plant Protection | 5 | 70 | 30 | | | 30 | 10 | E |
| 4. | English for Professionals | 2 | 30 | | | | 30 | | Z |
| A | RAZEM W SEMESTRZE 3 (A) | 20 | 255 | 75 | | | 90 | 90 | --- |
| Fakultatywne | | | | | | | | | |
| 1. | Sustainable Development and Green Economy | 1 | 15 | 15 | | | | | Z |
| 2. | Sustainable Winemaking – at the Intersection of Nature, Culture and Economy | 1 | 15 | 15 | | | | | Z |
| 3. | Crop Improvement and Experimental Design | 4 | 45 | 15 | | | | 30 | Z |
| 4. | Tropical and Subtropical Plants | 4 | 45 | 15 | | | 30 | | Z |
| 5. | Remote Sensing of the Earth's Surface and Soil | 4 | 45 | 15 | | | | 30 | Z |
| B | RAZEM W SEMESTRZE 5 (B) | 10 | 120 | 60 | | | 30 | 30 | |

| A+B RAZEM W SEMESTRZE 5 (A+B) | | 30 | 375 | 135 | 0 | 120 | 120 | --- |
|--------------------------------------|---------------------------------------------------|-------------|----------------------------|-------------|-----------------|------------|----------------------------|------------|
| Semestr studiów | | | | | | | | 5 |
| Lp. | Nazwa przedmiotu | Wymiar ECTS | Łączny wymiar godzin zajęć | w tym: | | | Forma zaliczenia końcowego | |
| | | | | wykłady | seminaria | ćwiczenia | | |
| | | | | audytoryjne | specjalistyczne | | | |
| Obowiązkowe | | | | | | | | |
| 1. | Agribusiness | 5 | 60 | 30 | | 30 | | E |
| 2. | International Relations | 3 | 30 | 15 | | 15 | | E |
| 3. | Horticulture | 4 | 45 | 15 | | 20 | 10 | E |
| 4. | Animal Husbandry | 6 | 60 | 20 | | 30 | 10 | E |
| A | RAZEM W SEMESTRZE 5 (A) | 18 | 195 | 45 | | 45 | 0 | --- |
| Fakultatywne | | | | | | | | |
| 1. | Decision Support Systems in Agriculture | 3 | 30 | 15 | | | 15 | Z |
| 2. | Ecopedology | 3 | 30 | 15 | | | 15 | Z |
| 3. | Raw Material Quality and Food Safety | 3 | 30 | 15 | | 15 | | Z |
| 4. | Organic Farming | 3 | 30 | 15 | | 10 | 5 | Z |
| 5. | Protection of Biodiversity of Rural Areas | 3 | 30 | 15 | | 10 | 5 | Z |
| 6. | Agro-environmental Programs and their Application | 3 | 30 | 15 | | 15 | | Z |
| 7. | Alternative Sources of Energy | 3 | 30 | 20 | | | 10 | Z |
| 8. | Horses Breeding and Usability | 3 | 30 | 15 | | 10 | 5 | Z |
| B | RAZEM W SEMESTRZE 5 (B) | 12 | 120 | 60 | | 30 | 30 | |
| A+B | RAZEM W SEMESTRZE 5 (A+B) | 30 | 315 | 105 | | 75 | 30 | --- |

| Semestr studiów | | | | | | | | 6 |
|------------------------|-----------------------------------------------------------|-------------|----------------------------|-------------|-----------------|-----------|----------------------------|------------|
| Lp. | Nazwa przedmiotu | Wymiar ECTS | Łączny wymiar godzin zajęć | w tym: | | | Forma zaliczenia końcowego | |
| | | | | wykłady | seminaria | ćwiczenia | | |
| | | | | audytoryjne | specjalistyczne | | | |
| Obowiązkowe | | | | | | | | |
| 1. | Interpersonal Communication and Extension | 3 | 45 | 30 | | 15 | | E |
| 2. | Engeneering Class | 3 | 30 | | | | 30 | Z |
| 3. | Student Practice (choice of practice place) | 12 | 320 | | | | 320 | E |
| A | RAZEM W SEMESTRZE 6 (A) | 18 | 395 | 30 | | 15 | 350 | --- |
| Fakultatywne | | | | | | | | |
| 1. | Horticulture Plant Protection | 4 | 45 | 15 | | | 30 | Z |
| 2. | Veterinary and Environmental Problems of Animal Husbandry | 4 | 45 | 15 | | | 30 | Z |
| 3. | Managment of Tropical Crops and Soils | 4 | 60 | 30 | | | 30 | Z |
| 4. | World Reference Base for Soil Resources | 4 | 50 | 15 | | 30 | 5 | Z |
| 5. | Decision Support Systems in Agriculture | 3 | 30 | 15 | | 15 | | Z |
| B | RAZEM W SEMESTRZE 6 (B) | 12 | 150 | 60 | | 45 | 45 | |
| A+B | RAZEM W SEMESTRZE 6 (A+B) | 30 | 545 | 90 | 0 | 60 | 395 | --- |

| Lp. | Nazwa przedmiotu | Wymiar ECTS | Łączny wymiar godzin zajęć | w tym: | | | | Forma zaliczenia końcowego |
|---------------------|---------------------------------------|-------------|----------------------------|-----------|-----------|-------------|-----------------|----------------------------|
| | | | | wykłady | seminaria | ćwiczenia | | |
| | | | | | | audytoryjne | specjalistyczne | |
| Obowiązkowe | | | | | | | | |
| 1. | Precision Farming | 4 | 45 | 15 | | | 30 | E |
| 2. | Basics of Engineering Graphics | 4 | 45 | 15 | | | 30 | Z |
| 3. | Diploma Seminar | 3 | 30 | | 30 | | | Z |
| 4. | Engenering Thesis | 5 | | | | | | Z |
| 5. | Diploma Exam | 2 | | | | | | E |
| A | RAZEM W SEMESTRZE 6 (A) | 18 | 120 | 30 | 30 | 0 | 60 | --- |
| Fakultatywne | | | | | | | | |
| 1. | Herbal Plants | 3 | 30 | 15 | | | 15 | Z |
| 2. | World Aquaculture | 3 | 30 | 15 | | | 15 | Z |
| 3. | Decision Support in Animal Production | 3 | 30 | 15 | | | 15 | Z |
| 4. | Spatial Planing | 3 | 30 | 15 | | | 15 | Z |
| 5. | Rural Developments | 3 | 30 | 15 | | | 15 | Z |
| B | RAZEM W SEMESTRZE 6 (B) | 12 | 120 | 60 | | | 60 | |
| A+B | RAZEM W SEMESTRZE 6 (A+B) | 30 | 240 | 90 | 30 | 60 | 60 | --- |

Razem dla cyklu kształcenia agriculture

| Lp. | Nazwa przedmiotu | Wymiar ECTS | Łączny wymiar godzin zajęć | w tym: | | | | Łączna liczba egzaminów |
|----------|----------------------------------------|-------------|----------------------------|------------|-----------|-------------|-----------------|-------------------------|
| | | | | wykłady | seminaria | ćwiczenia | | |
| | | | | | | audytoryjne | specjalistyczne | |
| 1 | Razem dla cyklu kształcenia | 210 | 2499 | 784 | 30 | 585 | 995 | 19 |
| | w tym: obowiązkowe | 142 | 1779 | 394 | 30 | 390 | 860 | 19 |
| | fakultatywne | 68 | 720 | 390 | 0 | 195 | 135 | 0 |
| 2 | Udział zajęć fakultatywnych [%] | 32,4 | | | | | | |