

“LUCIAN BLAGA” UNIVERSITY OF SIBIU
FACULTY OF MEDICINE
SPECIALIZATION: PHARMACY
DURATION OF STUDY: 5 YEARS

1st YEAR

| No. | Discipline | Credits | | HOURS PER UNIT | | | | | | HOURS TOTAL | | | ASSESSMENT-METHOD | | | | |
|---------------------------------|---|-----------|-----------|----------------|----------|-----------|-----------|----------|-----------|-------------|----------|------------|-------------------|----------|----------|----------|---|
| | | 1st SEM. | 2nd SEM. | 1st SEM. | | | 2nd SEM. | | | C | S | P | 1st SEM. | 2nd SEM. | C | S | P |
| | | | | C | S | P | C | S | P | | | | | | | | |
| 1 | General and Anorganic Chemistry | 7 | 6 | 2 | - | 3 | 3 | - | 3 | 70 | - | 84 | E | - | E | - | |
| 2 | Pharmaceutical Botany | 7 | 6 | 3 | - | 3 | 2 | - | 2 | 70 | - | 70 | E | - | E | - | |
| 3 | Pharmaceutical Physics | 6 | 3 | 2 | - | 3 | 1 | - | 2 | 42 | - | 70 | E | - | - | C | |
| 4 | Informatics, Biostatistics and Mathematics | 4 | 2 | 2 | - | 2 | 1 | - | 1 | 42 | - | 42 | E | - | E | - | |
| 5 | Anatomy | 4 | - | 2 | - | 1 | - | - | - | 28 | - | 14 | E | - | - | - | |
| 6 | Qualitative Analytical Chemistry | - | 5 | - | - | - | 2 | - | 3 | 28 | - | 42 | - | - | E | - | |
| 7 | Physiology | - | 4 | - | - | - | 2 | - | 2 | 28 | - | 28 | - | - | - | C | |
| 8 | Introduction to Pharmaceutical Law and Technology | 2 | - | 1 | - | - | - | - | - | 14 | - | - | - | C | - | - | |
| 9 | Psychology | - | 2 | - | - | - | 1 | - | - | 14 | - | - | - | - | - | C | |
| 10 | Practical training (3 weeks x 6 hours / day) | - | 2 | - | - | - | - | - | - | - | - | 90 | - | - | E | - | |
| TOTAL | | 30 | 30 | 12 | - | 12 | 12 | - | 13 | 336 | - | 440 | 5 | 1 | 5 | 3 | |
| | | 60 | | 24 | | | 25 | | | 776 | | | | | | | |
| Complementary discipline | | | | | | | | | | | | | | | | | |
| 1 | Foreign language (English, French, German) * | - | 2 | 1 | - | - | - | 1 | - | 14 | 14 | - | - | - | - | C | |
| 2 | Physical education | - | 2 | - | 1 | - | - | 1 | - | - | 28 | - | - | - | - | C | |

*Romanian language compulsory for foreign students

Note: C = course; S = seminar; P = practical training; E = exam; C = colloquium

RECTOR
Prof. Dr. Eng. Ioan BONDREA

DEAN
Assoc. Prof. Dr. Silviu MORAR

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2nd YEAR

| No. | Discipline | Credits | | HOURS PER UNIT | | | | | | HOURS TOTAL | | | ASSESSMENT-METHOD | | | |
|---------------------------------|---|-----------|-----------|----------------|----------|-----------|-----------|----------|-----------|-------------|----------|------------|-------------------|----------|----------|----------|
| | | 1st SEM. | 2nd SEM. | 1st SEM. | | | 2nd SEM. | | | C | S | P | 1st SEM. | | 2nd SEM. | |
| | | | | C | S | P | C | S | P | | | | | | | |
| 1 | Quantitative Analytical Chemistry and Instrumental Analysis | 6 | 6 | 2 | - | 3 | 2 | - | 3 | 56 | - | 84 | E | - | E | - |
| 2 | Organic Chemistry | 6 | 7 | 3 | - | 3 | 3 | - | 3 | 84 | - | 84 | E | - | E | - |
| 3 | Physical chemistry | 6 | 6 | 2 | - | 3 | 2 | - | 3 | 56 | - | 84 | E | - | E | - |
| 4 | Microbiology, Parasitology, Virology | 4 | - | 2 | - | 2 | - | - | - | 28 | - | 28 | E | - | - | - |
| 5 | Pathophysiology | 2 | - | 2 | - | - | - | - | - | 28 | - | - | E | - | - | - |
| 6 | Medical Terminology and Pharmaceutical | 2 | - | 1 | - | - | - | - | - | 14 | - | - | - | C | - | - |
| 7 | Molecular Biology of the Cell | 2 | - | 1 | - | 1 | - | - | - | 14 | - | 14 | - | C | - | - |
| 8 | Genetics | - | 2 | - | - | - | 1 | - | 1 | 14 | - | 14 | - | - | E | |
| 9 | Technical Medical Products | - | 2 | - | - | - | 2 | - | - | 28 | - | - | - | - | - | C |
| 10 | Immunology | - | 3 | - | - | - | 2 | - | 1 | 28 | - | 14 | - | - | E | - |
| 11 | Semiology | - | 2 | - | - | - | 1 | - | - | 14 | - | - | - | - | - | C |
| 12 | The Methodology of Scientific Research | 2 | - | 1 | - | 1 | - | - | - | 14 | - | 14 | - | C | - | - |
| 13 | Practical training (3 weeks x 6 hours / day) | - | 2 | - | - | - | - | - | - | - | - | 90 | - | - | E | - |
| TOTAL | | 30 | 30 | 14 | - | 13 | 13 | - | 11 | 378 | - | 426 | 5 | 3 | 6 | 2 |
| | | 60 | | 27 | | | 24 | | | 804 | | | | | | |
| Complementary discipline | | | | | | | | | | | | | | | | |
| 1 | Foreign language (English, French, German) * | - | 2 | 1 | - | - | - | 1 | - | 14 | 14 | - | - | - | - | C |
| 2 | Physical education | - | 2 | - | 1 | - | - | 1 | - | - | 28 | - | - | - | - | C |

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3rd YEAR

| No. | Discipline | Credits | | HOURS PER UNIT | | | | | | HOURS TOTAL | | | ASSESSMENT-METHOD | | | | | | |
|----------------------------|--|-----------|-----------|----------------|----------|-----------|-----------|----------|-----------|-------------|----------|------------|-------------------|----------|----------|----------|---|---|--|
| | | 1st SEM. | 2nd SEM. | 1st SEM. | | | 2nd SEM. | | | C | S | P | 1st SEM. | 2nd SEM. | E | - | E | - | |
| | | | | C | S | P | C | S | P | | | | | | | | | | |
| 1 | Pharmaceutical Chemistry | 6 | 5 | 2 | - | 3 | 3 | - | 3 | 70 | - | 84 | E | - | E | - | | | |
| 2 | Pharmacognosy, Phytotherapy | 6 | 5 | 3 | - | 3 | 3 | - | 3 | 84 | - | 84 | E | - | E | - | | | |
| 3 | Pharmaceutical Technology | 6 | 6 | 2 | - | 3 | 3 | - | 3 | 70 | - | 84 | E | - | E | - | | | |
| 4 | Pharmacology | - | 4 | - | - | - | 2 | - | 2 | 28 | - | 28 | - | - | E | - | | | |
| 5 | General and Applied Biochemistry | 6 | 6 | 2 | - | 3 | 3 | - | 3 | 70 | - | 84 | E | - | E | - | | | |
| 6 | Environmental Chemistry and Hygiene | 6 | - | 2 | - | 3 | - | - | - | 28 | - | 42 | - | C | - | - | | | |
| 7 | Practical training (3 weeks x 6 hours / day) | - | 2 | - | - | - | - | - | - | - | - | 90 | - | - | E | - | | | |
| TOTAL | | 30 | 28 | 11 | - | 15 | 14 | - | 14 | 350 | - | 496 | 4 | 1 | 6 | - | | | |
| | | 58 | | 26 | | | 28 | | | 846 | | | | | | | | | |
| Optional discipline | | | | | | | | | | | | | | | | | | | |
| 1 | Nutritional Supplements, Toxic plants | | | | | | | | | | | | | | | | | | |
| 2 | Diet therapy and Nutrition | - | 2 | - | - | - | 1 | - | - | 14 | - | - | - | - | - | - | C | | |
| 3 | History of Pharmacy | | | | | | | | | | | | | | | | | | |
| TOTAL | | 30 | 30 | 11 | - | 15 | 15 | - | 14 | 364 | - | 496 | 4 | 1 | 6 | 1 | | | |
| | | 60 | | 26 | | | 29 | | | 860 | | | | | | | | | |

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4th YEAR

| No. | Discipline | Credits | | HOURS PER UNIT | | | | | | HOURS TOTAL | | | ASSESSMENT-METHOD | | | |
|----------------------------|--|-----------|-----------|----------------|----------|-----------|-----------|----------|-----------|-------------|----------|------------|-------------------|----------|----------|----------|
| | | 1st SEM. | 2nd SEM. | 1st SEM. | | | 2nd SEM. | | | C | S | P | 1st SEM. | 2nd SEM. | | |
| | | | | C | S | P | C | S | P | | | | | | | |
| 1 | Pharmaceutical Chemistry | 6 | 5 | 3 | - | 3 | 2 | - | 3 | 70 | - | 84 | E | - | E | - |
| 2 | Pharmaceutical Technology | 6 | 6 | 2 | - | 3 | 2 | - | 3 | 56 | - | 84 | E | - | E | - |
| 3 | Biopharmaceutics and Pharmacocynetics | - | 4 | - | - | - | 2 | - | 2 | 28 | - | 28 | - | - | E | - |
| 4 | Toxicology | 5 | 5 | 2 | - | 3 | 2 | - | 3 | 56 | - | 84 | E | - | E | - |
| 5 | Pharmacology | 6 | 5 | 3 | - | 3 | 3 | - | 3 | 84 | - | 84 | E | - | E | - |
| 6 | Clinical Pathology | 5 | - | 2 | - | 2 | - | - | - | 28 | - | 28 | - | C | - | - |
| 7 | Biological drugs and the biological control of medicine | - | 3 | - | - | - | 1 | - | 2 | 14 | - | 28 | - | - | - | C |
| 8 | Practice in industry or laboratory (4 weeks x 6 hours / day) | - | 2 | - | - | - | - | - | - | - | - | 120 | - | - | E | - |
| TOTAL | | 28 | 30 | 12 | - | 14 | 12 | - | 16 | 336 | - | 540 | 4 | 1 | 6 | 1 |
| | | 58 | | 26 | | | 28 | | | 876 | | | | | | |
| Optional discipline | | | | | | | | | | | | | | | | |
| 1 | Hormone medication | 2 | - | 1 | - | - | - | - | - | 14 | - | - | - | C | - | - |
| 2 | Drug metabolism | | | | | | | | | | | | | | | |
| 3 | Therapeutic Partricularities in Oral Pathology | | | | | | | | | | | | | | | |
| 4 | Bioethics | | | | | | | | | | | | | | | |
| TOTAL | | 28 | 30 | 13 | - | 14 | 12 | - | 16 | 350 | - | 540 | 4 | 2 | 6 | 1 |
| | | 60 | | 27 | | | 28 | | | 890 | | | | | | |

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5th YEAR

| No. | Discipline | Credits | | HOURS PER UNIT | | | | | | HOURS TOTAL | | | ASSESSMENT-METHOD | | | |
|----------------------------|--|-----------|-----------|----------------|----------|-----------|----------|---|----------|-------------|----------|-------------|-------------------|----------|----------|----------|
| | | 1st SEM. | 2nd SEM. | 1st SEM. | | | 2nd SEM. | | | C | S | P | 1st SEM. | 2nd SEM. | | |
| | | | | C | S | P | C | S | P | | | | | | | |
| 1 | Drug Industry and Biotechnology | 5 | - | 2 | - | 3 | - | - | - | 28 | - | 42 | E | - | - | - |
| 2 | Drug Analysis | 6 | - | 3 | - | 3 | - | - | - | 42 | - | 42 | E | - | - | - |
| 3 | Clinical Pharmacy | 4 | - | 2 | - | 2 | - | - | - | 28 | - | 28 | E | - | - | - |
| 4 | Dermopharmaceutics and Cosmetology | 5 | - | 2 | - | 2 | - | - | - | 28 | - | 28 | E | - | - | - |
| 5 | Homeopathy | 2 | - | 2 | - | - | - | - | - | 28 | - | 0 | - | C | - | - |
| 6 | Pharmaceutical Assistance | - | 2 | - | - | - | 1 | - | 1 | 14 | - | 14 | - | - | - | C |
| 7 | Legislation and Deontology | 2 | - | 2 | - | - | - | - | - | 28 | - | - | E | - | - | - |
| 8 | Pharmaceutical Marketing and Management | 2 | - | 1 | - | 1 | - | - | - | 14 | - | 14 | E | - | - | - |
| 9 | Medical Emergencies | - | 2 | - | - | - | 1 | - | 1 | 14 | - | 14 | - | - | - | C |
| 10 | News in Pharmacy | - | 2 | - | - | - | 1 | - | - | 14 | - | - | - | - | - | C |
| 11 | Applied Dermatology | 2 | - | 1 | - | 1 | - | - | - | 14 | - | 14 | - | C | - | - |
| 12 | Elaboration of the Graduation Thesis | - | - | - | - | - | - | - | - | - | - | 56 | - | - | - | - |
| 13 | Practical training 26 weeks * 30 hours | - | 24 | - | - | - | - | - | - | - | - | 780 | - | - | E | - |
| | TOTAL | 28 | 30 | 15 | - | 12 | 3 | | 2 | 252 | - | 1032 | 6 | 2 | 1 | 3 |
| | | 58 | | 27 | | | 5 | | | 1284 | | | | | | |
| Optional discipline | | | | | | | | | | | | | | | | |
| 1 | Addiction (optional) | | | | | | | | | | | | | | | |
| 2 | Perinatal Therapeutic Particularities (optional) | 2 | - | 1 | - | - | - | - | - | 14 | - | - | - | C | - | - |
| 3 | Veterinary drugs (optional) | | | | | | | | | | | | | | | |
| | TOTAL | 30 | 30 | 16 | - | 12 | 3 | | 2 | 266 | - | 1032 | 6 | 3 | 1 | 3 |
| | | 60 | | 28 | | | 5 | | | 1298 | | | | | | |

Note: C = course; S = seminar; P = practical training; E = exam; C = colloquium

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