

# FARMACIA

## SCHOOL OF PHARMACY ACADEMIC PROGRAM

### DOCTOR OF PHARMACY

#### Preparatory Courses

Spanish .....	0
Methods and Study Techniques.....	0
Logic and Philosophy.....	0

#### I TERM

Introduction to Pharmacy.....	3
Health and Society .....	3
Oral and written expression .....	3
Mathematics I .....	3
General Chemistry I .....	3
Introduction to computers.....	3
<b>Total Credits .....</b>	<b>18</b>

#### II TERM

History and Development C of C.....	3
General Biology .....	3
Research Methodology .....	3
Mathematics II.....	3
General Chemistry II .....	3
General Physics I .....	3
<b>Total Credits .....</b>	<b>18</b>

#### III TERM

Pharmaceutical Administration I.....	2
Biostatistics .....	4
Organic Chemistry I.....	4
General Anatomy.....	5
Phytochemistry.....	3
<b>Total Credits .....</b>	<b>18</b>

#### IV TERM

Pharmaceutical Administration II.....	2
Epidemiology and Demography.....	2
Organic Chemistry II.....	4
Physiology .....	6
Quantitative Analytical Chemistry.....	3
<b>Total Credits .....</b>	<b>18</b>

#### V TERM

Pharmacognosy.....	3
Physical Pharmacy I.....	3
Pathophysiology I .....	4
English I .....	6
Biochemistry .....	2
<b>Total Credits .....</b>	<b>18</b>

#### VI TERM

Pharmacognosy II.....	3
Physical Pharmacy II .....	3
Pharmacology I.....	4
Pathophysiology II .....	4
Ethics and Pharmaceutical Legislation ..	2
English II .....	2
<b>Total Credits .....</b>	<b>18</b>

#### VII TERM

Microbiology.....	3
Medicinal Chemistry I.....	3
Pharmacology II.....	4
Drug Analysis I.....	3
Technical English.....	2
Biopharmacy .....	3
<b>Total Credits .....</b>	<b>18</b>

#### VIII TERM

Directed Research .....	3
Medicinal Chemistry II.....	4
Drug Analysis II.....	4
Pharmacology III.....	4
Optional course .....	3
Regulatory issues .....	-
Phytotherapy.....	-
<b>Total Credits .....</b>	<b>18</b>

#### IX TERM

Quality Control I.....	4
Toxicology .....	3
Medical Visit Basics.....	3
Pharmaceutical Care I.....	4
Homeopathy.....	3
<b>Total Credits .....</b>	<b>17</b>

#### X TERM

Quality Control II.....	3
Therapy .....	2
Clinical Pharmacokinetics .....	2
Industrial Pharmacy.....	3
Hospital Pharmacy.....	4
Pharmaceutical Care II.....	2
<b>Total Credits .....</b>	<b>16</b>

#### XI TERM

Internship .....	1
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Program Total Credits ..... 177

### OTHER SERVICES

#### OTHER SERVICES

Certifications	\$50	for each one
Records	\$50	for each one
Convalidations	\$250	any matter number
Programs	\$10	per program
Sufficiencies	50%	of the cost of the material



**UNIVERSIDAD  
DE IBEROAMERICA**  
Costa Rica