

**Curriculum Overview for students of Faculty of Pharmacy
of the Medical University of Gdansk**

FACULTY OF PHARMACY

Subject	Total number of hours	I-st year						The Course ends	ECTS
		semester I			semester II				
		lec.	exe.	se m.	lec.	exe.	se m.		
Biology and genetics	60	15	45	-	-	-	-	Exam	8
Mathematics	30	-	30	-	-	-	-	Credit with mark	2
Information technology	30	-	30	-	-	-	-	Credit with mark	2
History of pharmacy	15	15	-	-	-	-	-	Credit with mark	1
Anatomy	30	15	15	-	-	-	-	Credit with mark	5
Philosophy	15	-	-	-	-	-	15	Credit	1
Biophysics	30	-	-	-	-	30	-	Credit with mark	4
Statistics	30	-	-	-	-	30	-	Credit with mark	2
Latin language classes	60	-	30	-	-	30	-	Credit with mark	3
Modern foreign language classes I /x/	60	-	30	-	-	30	-	Credit	2
Physical education	60	-	30	-	-	30	-	Credit	2
Botany	90	-	-	-	24	60	6	Exm	10

General and inorganic chemistry	150	30	60	-	20	40	-	Exam	14
Library training online	2	-	-	2	-	-	-	Credit	-
Safety and Good Work Practice	4	4	-	-	-	-	-	Credit	-
Total	666	79	270	2	44	250	21	-	56
Elective subjects	60	-	-	-	-	-	-	Credit	4

/x/ - Polish language classes for foreign students

Subject	Total number of hours	II-nd year						The Course ends	ECTS
		semester III			semester IV				
		lec.	exe.	se m.	lec.	exe.	sem .		
Physical chemistry	105	45	60	-	-	-	-	Exam	6
Molecular biology	30	10	10	10	-	-	-	Credit with mark	4
Physiology	75	30	45	-	-	-	-	Exam	5
Modern foreign language classes II /x/	60	-	30	-	-	30	-	Credit with mark	3
Qualified first aid I	15	-	-	-	-	10	5	Credit	1
Analytical chemistry	180	30	60	15	15	60	-	Exam	14
Organic chemistry	210	70	-	10	-	130	-	Exam	15
Biochemistry	105	-	-	-	45	60	-	Exam	10

Total	780	185	205	35	60	290	5	-	58
Elective subjects	30	-	-	-	-	-	-	Credit	2

/x/ - Polish language classes for foreign students

Subject	Total number of hours	III - rd year						The Course ends	ECTS
		semester V			semester VI				
		lec.	exe .	se m.	lec.	exe .	se m.		
<u>Pharmaceutical chemistry</u>	<u>255</u>	<u>50</u>	<u>60</u>	<u>:</u>	<u>40</u>	<u>$\frac{10}{5}$</u>	<u>:</u>	<u>Exam</u>	<u>19</u>
<u>Pharmacognosy</u>	<u>150</u>	<u>30</u>	<u>45</u>	<u>:</u>	<u>30</u>	<u>45</u>	<u>:</u>	<u>Exam</u>	<u>12</u>
<u>Immunology</u>	<u>30</u>	<u>18</u>	<u>12</u>	<u>:</u>	<u>:</u>	<u>:</u>	<u>:</u>	<u>Credit with mark</u>	<u>3</u>
<u>Microbiology</u>	<u>90</u>	<u>25</u>	<u>65</u>	<u>:</u>	<u>:</u>	<u>:</u>	<u>:</u>	<u>Exam</u>	<u>7</u>
<u>Pathophysiology</u>	<u>75</u>	<u>30</u>	<u>:</u>	<u>45</u>	<u>:</u>	<u>:</u>	<u>:</u>	<u>Exam</u>	<u>6</u>
<u>Pharmaceutical technology I *</u>	<u>150</u>	<u>25</u>	<u>:</u>	<u>:</u>	<u>15</u>	<u>$\frac{11}{0}$</u>	<u>:</u>	<u>Credit</u>	<u>11</u>
Total	<u>750</u>	<u>$\frac{17}{8}$</u>	<u>$\frac{18}{2}$</u>	<u>45</u>	<u>85</u>	<u>$\frac{26}{0}$</u>	<u>:</u>	<u>:</u>	<u>58</u>
Elective subjects	<u>30</u>	<u>:</u>	<u>:</u>	<u>:</u>	<u>:</u>	<u>:</u>	<u>:</u>	<u>Credit</u>	<u>2</u>
* One-month summer training at open pharmacy	<u>160</u>	<u>:</u>	<u>:</u>	<u>:</u>	<u>:</u>	<u>:</u>	<u>:</u>	<u>Credit</u>	<u>5</u>

Subject	Total number of hours	IV - th year						The Course ends	ECTS
		semester VII			semester VIII				
		lec.	exe .	se m.	lec.	exe .	se m.		
<u>Clinical biochemistry</u>	<u>30</u>	:	:	:	<u>10</u>	:	<u>20</u>	Credit with mark	<u>2</u>
<u>Pharmaceutical biotechnology</u>	<u>30</u>	:	:	:	<u>10</u>	<u>15</u>	<u>5</u>	Credit with mark	<u>2</u>
<u>Bromatology</u>	<u>75</u>	<u>30</u>	<u>45</u>	:	:	:	:	<u>Exam</u>	<u>6</u>
<u>Pharmacokinetics</u>	<u>30</u>	:	:	:	<u>15</u>	<u>15</u>	:	<u>Credit with mark</u>	<u>2</u>
<u>Pharmacology and pharmacodynamics</u>	<u>210</u>	<u>45</u>	:	<u>70</u>	<u>30</u>	:	<u>65</u>	<u>Exam</u>	<u>17</u>
<u>Psychology and sociology</u>	<u>15</u>	:	:	:	:	:	<u>15</u>	<u>Credit with mark</u>	<u>1</u>
<u>Synthesis and chemical technology of drugs</u>	<u>75</u>	:	<u>36</u>	<u>5</u>	<u>16</u>	<u>18</u>	:	<u>Exam</u>	<u>6</u>
<u>Pharmaceutical technology II *</u>	<u>110</u>	<u>30</u>	<u>80</u>	:	:	:	:	<u>Credit</u>	<u>9</u>
<u>Toxicology</u>	<u>90</u>	<u>15</u>	:	:	<u>15</u>	<u>60</u>	:	<u>Exam</u>	<u>7</u>
<u>Medical ethics</u>	<u>30</u>	:	:	:	<u>20</u>	:	<u>10</u>	<u>Credit</u>	<u>2</u>
<u>Qualified first aid II</u>	<u>30</u>	:	<u>20</u>	<u>10</u>	:	:	:	<u>Exam</u>	<u>2</u>

Total	<u>725</u>	<u>12</u> <u>0</u>	<u>18</u> <u>1</u>	<u>85</u>	<u>11</u> <u>6</u>	<u>10</u> <u>8</u>	<u>11</u> <u>5</u>	:	<u>56</u>
Elective subjects	<u>60</u>	:	:	:	:	:	:	<u>Credit</u>	<u>4</u>
*One-month summer training at hospital pharmacy	<u>160</u>	:	:	:	:	:	:	<u>Credit</u>	<u>5</u>

Subject	Total number of hours	V- th year						The Course ends	ECTS
		semester IX			semester X				
		lec.	exe .	se m.	lec.	exe .	se m.		
<u>Biopharamceutics</u>	<u>45</u>	<u>25</u>	<u>20</u>	:	:	:	:	<u>Exam</u>	<u>5</u>
<u>Economics and management in pharmacy</u>	<u>30</u>	<u>15</u>	:	<u>15</u>	:	:	:	<u>Credit with mark</u>	<u>2</u>
<u>Pharmacotherapy and drug information</u>	<u>60</u>	<u>45</u>	:	<u>15</u>	:	:	:	<u>Credit with mark</u>	<u>5</u>
<u>Hygiene and Epidemiology</u>	<u>30</u>	<u>10</u>	:	<u>20</u>	:	:	:	Credit with mark	<u>2</u>
<u>Nature drugs</u>	<u>30</u>	<u>30</u>	:	:	:	:	:	Credit with mark	<u>4</u>
<u>Scientific reaserch methodology</u>	<u>375</u>	:	:	:	:	<u>37</u> <u>5</u>	:	<u>Credit</u>	<u>20</u>
<u>Pharmaceutical law</u>	<u>30</u>	<u>15</u>	:	<u>15</u>	:	:	:	<u>Credit with mark</u>	<u>2</u>
<u>Pharmaceutical technology III</u>	<u>70</u>	<u>20</u>	<u>50</u>	:	:	:	:	<u>Exam</u>	<u>10</u>
<u>Pharmacy practice</u>	<u>75</u>	<u>14</u>	<u>41</u>	<u>20</u>	:	:	:	<u>Credit with mark</u>	<u>6</u>

Total	<u>745</u>	<u>$\frac{17}{4}$</u>	<u>$\frac{11}{1}$</u>	<u>85</u>	=	<u>$\frac{37}{5}$</u>	=	=	<u>56</u>
Elective subjects	<u>60</u>	=	=	=	=	=	=	<u>Credit</u>	<u>4</u>

Subject	Total number of hours	VI-th year		The Course ends	ECTS
		Semester XI			
<u>Six-months training at pharmacy</u>	<u>960</u>	<u>960</u>		<u>Credit</u>	<u>30</u>

Legend: Lec.- lectures; Sem.- seminars; Exe.- exercises