

|       | 1 курс    |         |         |         |         |         |         |         |                   |                   |           |         |         |         |         |         |         |                   |                   |         |           |         |         |         |         |
|-------|-----------|---------|---------|---------|---------|---------|---------|---------|-------------------|-------------------|-----------|---------|---------|---------|---------|---------|---------|-------------------|-------------------|---------|-----------|---------|---------|---------|---------|
|       | 1 семестр |         |         |         |         |         |         |         |                   |                   | 2 семестр |         |         |         |         |         |         |                   |                   |         | 3 семестр |         |         |         |         |
|       | Б1.О.24   | Б1.О.14 | Б1.О.10 | Б1.О.05 | Б1.О.08 | Б1.О.03 | Б1.О.01 | Б2.О.01 | Б1.Ч.18.0<br>1.01 | Б1.Ч.18.0<br>1.02 | Б1.О.11   | Б1.О.21 | Б1.О.12 | Б1.О.08 | Б1.О.20 | Б1.О.03 | Б1.Ч.07 | Б1.Ч.18.0<br>1.01 | Б1.Ч.18.0<br>1.02 | Б1.О.25 | Б1.О.16   | Б1.О.13 | Б1.О.17 | Б1.О.03 | Б1.О.18 |
| ПК-1  |           |         |         |         |         |         |         |         |                   |                   |           |         |         |         |         |         | X       |                   |                   |         |           |         |         |         |         |
| ОПК   |           |         |         |         |         |         |         |         |                   |                   |           |         |         |         |         |         |         |                   |                   |         |           |         |         |         |         |
| ОПК-7 | X         |         |         |         |         |         |         |         |                   |                   |           |         |         |         |         |         |         |                   |                   |         | X         |         | X       |         | X       |
| ОПК-6 |           |         |         |         |         |         |         |         |                   |                   |           | X       |         |         |         |         |         |                   |                   |         | X         |         | X       |         | X       |
| ОПК-5 | X         |         |         |         |         |         |         |         |                   | X                 |           |         |         | X       |         |         |         |                   |                   |         |           | X       | X       |         | X       |
| ОПК-4 |           |         |         |         |         |         |         |         |                   |                   |           |         |         |         |         |         |         |                   |                   | X       |           |         |         |         | X       |
| ОПК-3 |           | X       |         |         |         |         |         |         |                   |                   |           |         |         |         |         |         |         |                   |                   | X       |           |         |         |         |         |
| ОПК-2 |           | X       |         |         |         |         |         |         |                   |                   |           |         |         | X       |         |         |         |                   |                   |         |           |         |         |         |         |
| ОПК-1 |           | X       | X       |         |         |         |         |         |                   |                   | X         |         |         |         |         |         |         |                   |                   |         |           |         |         |         |         |
| УК    |           |         |         |         |         |         |         |         |                   |                   |           |         |         |         |         |         |         |                   |                   |         |           |         |         |         |         |
| УК-9  |           |         |         |         |         |         |         |         |                   | X                 |           |         |         |         |         |         |         |                   |                   |         |           |         |         |         |         |
| УК-10 |           |         |         |         |         |         |         |         |                   |                   |           |         |         |         |         |         |         |                   |                   |         |           |         |         |         |         |
| УК-8  |           |         |         |         |         |         |         |         |                   |                   |           |         |         |         |         |         |         |                   |                   |         |           |         |         |         |         |
| УК-7  |           |         |         |         | X       |         |         |         | X                 | X                 |           |         |         | X       |         |         |         |                   | X                 | X       |           |         |         |         |         |
| УК-6  |           |         |         | X       |         |         |         |         |                   |                   |           |         |         |         |         |         |         |                   |                   |         |           |         |         |         |         |
| УК-5  | X         |         |         |         |         |         |         |         |                   | X                 |           |         |         |         |         |         |         |                   |                   |         |           |         |         |         |         |
| УК-4  |           | X       | X       |         |         |         |         |         |                   |                   | X         |         |         |         |         | X       |         |                   |                   |         |           |         |         | X       |         |
| УК-3  |           |         |         | X       |         |         |         |         |                   |                   |           |         |         |         |         |         |         |                   |                   |         |           |         |         |         |         |
| УК-2  |           |         |         | X       |         |         |         |         |                   |                   | X         |         |         |         |         |         |         |                   |                   |         |           |         | X       |         |         |
| УК-1  |           |         |         |         |         |         |         | X       |                   |                   |           |         |         |         |         |         |         |                   |                   |         |           |         | X       |         |         |



| 4 курс    |         |         |         |         |           |         |         |         |         |         | 5 курс    |         |         |         |            |         |         |                   |                   |                   |
|-----------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|------------|---------|---------|-------------------|-------------------|-------------------|
| 7 семестр |         |         |         |         | 8 семестр |         |         |         |         |         | 9 семестр |         |         |         | 10 семестр |         |         |                   |                   |                   |
| Б1.Ч.13   | Б1.Ч.03 | Б1.Ч.02 | Б4.Ч.01 | Б4.Ч.02 | Б1.О.23   | Б1.О.22 | Б1.Ч.10 | Б1.Ч.08 | Б1.Ч.14 | Б2.О.03 | Б1.Ч.01   | Б1.Ч.12 | Б1.Ч.06 | Б2.Ч.01 | Б1.Ч.15    | Б2.О.04 | Б3.О.01 | Б1.Ч.17.0<br>1.01 | Б1.Ч.17.0<br>1.02 | Б1.Ч.17.0<br>1.03 |
| X         | X       | X       | X       | X       |           |         | X       | X       | X       | X       | X         | X       | X       | X       | X          | X       | X       | X                 | X                 | X                 |
|           |         |         |         |         |           |         |         |         |         | X       |           |         |         |         |            | X       | X       |                   |                   |                   |
|           |         |         |         |         |           |         |         |         |         | X       |           |         |         |         |            | X       | X       |                   |                   |                   |
|           |         |         |         |         |           | X       |         |         |         | X       |           |         |         |         |            | X       | X       |                   |                   |                   |
|           |         |         |         |         |           |         |         |         |         | X       |           |         |         |         |            |         | X       |                   |                   |                   |
|           |         |         |         |         |           |         |         |         |         | X       |           |         |         |         |            |         | X       |                   |                   |                   |
|           |         |         |         |         |           |         |         |         |         |         |           |         |         |         |            |         |         |                   |                   |                   |
|           |         |         |         |         |           |         |         |         |         |         |           |         |         |         |            |         |         | X                 |                   |                   |
|           |         |         |         |         |           |         |         |         |         |         |           |         |         |         |            |         |         | X                 |                   |                   |
|           |         |         |         |         |           |         |         |         |         |         |           |         |         |         |            |         |         | X                 |                   |                   |
|           |         |         |         |         |           |         |         |         | X       | X       |           |         |         |         |            |         |         | X                 |                   |                   |
|           |         |         |         |         | X         |         |         |         |         |         |           |         |         |         |            |         |         | X                 |                   |                   |
|           |         |         |         |         |           | X       |         |         |         |         |           |         |         |         |            | X       | X       |                   |                   |                   |