

## 2025年度生 薬学部 薬学科 専攻科目

| 系列          | 授業科目            | 開講期（必修◎/選択○/自由科目◇） |   |     |   |     |   | 単位数 | 授業回数 | 授業形態（コマ数） |   |     |    | ディプロマ・ポリシーに対する関与の程度<br>◎非常に強く関与 ○強く関与 △ある程度関与 |    |    |                 |          | 備考 |          |          |          |          |          |
|-------------|-----------------|--------------------|---|-----|---|-----|---|-----|------|-----------|---|-----|----|-----------------------------------------------|----|----|-----------------|----------|----|----------|----------|----------|----------|----------|
|             |                 | 1年次                |   | 2年次 |   | 3年次 |   |     |      | 4年次       |   | 5年次 |    | 6年次                                           |    | 講義 | 演習<br>A L<br>以外 | 実習<br>実験 |    | D P<br>1 | D P<br>2 | D P<br>3 | D P<br>4 | D P<br>5 |
|             |                 | 春                  | 秋 | 春   | 秋 | 春   | 秋 |     |      | 春         | 秋 | 春   | 秋  | 春                                             | 秋  |    |                 |          |    |          |          |          |          |          |
| 専攻科目        |                 |                    |   |     |   |     |   |     |      |           |   |     |    |                                               |    |    |                 |          |    |          |          |          |          |          |
| 学部基礎科目      | 薬学入門            | ◎                  |   |     |   |     |   |     |      |           |   |     | 2  | 15                                            | 11 |    | 4               |          | ○  | ○        | ○        | ○        | ○        |          |
|             | 情報リテラシー         | ◎                  |   |     |   |     |   |     |      |           |   |     | 1  | 10                                            | 4  |    | 6               |          |    |          | △        |          | ○        |          |
|             | キャリアプランニング      |                    |   |     |   |     | ◎ |     |      |           |   |     | 1  | 15                                            | 10 | 5  |                 |          | ○  | ○        | ○        | ○        | △        |          |
|             | 基礎数学            | ◎ (◎)              |   |     |   |     |   |     |      |           |   |     | 2  | 15                                            | 15 |    |                 |          |    |          | △        |          |          |          |
|             | 化学入門            | ○                  |   |     |   |     |   |     |      |           |   |     | 2  | 15                                            | 12 | 3  |                 |          |    |          | △        |          |          |          |
|             | 基礎化学            | ◎ (◎)              |   |     |   |     |   |     |      |           |   |     | 2  | 15                                            | 10 | 5  |                 |          |    |          | ○        | ○        | ○        |          |
|             | 基礎生物学           | ◎ (◎)              |   |     |   |     |   |     |      |           |   |     | 2  | 15                                            | 12 | 3  |                 |          |    |          | ○        | ○        | ○        |          |
|             | 基礎薬学物理          | ◎ (◎)              |   |     |   |     |   |     |      |           |   |     | 2  | 15                                            | 12 | 3  |                 |          |    |          | ○        | ○        | ○        |          |
| 物理・化学系薬学科目  | 科学実験体験          | ○                  |   |     |   |     |   |     |      |           |   |     | 1  | 8                                             |    |    | 8               |          |    |          | △        |          |          |          |
|             | 薬品物理化学Ⅰ         |                    | ◎ |     |   |     |   |     |      |           |   |     | 2  | 15                                            | 12 |    | 3               |          |    |          | ○        | ○        | ○        |          |
|             | 薬品物理化学Ⅱ         |                    |   | ◎   |   |     |   |     |      |           |   |     | 2  | 15                                            | 12 |    | 3               |          |    |          | ○        | ○        | ○        |          |
|             | 薬品分析学Ⅰ          |                    | ◎ |     |   |     |   |     |      |           |   |     | 2  | 15                                            | 12 |    | 3               |          |    |          | ○        | ○        | ○        |          |
|             | 薬品分析学Ⅱ          |                    |   | ◎   |   |     |   |     |      |           |   |     | 2  | 15                                            | 13 | 1  | 1               |          |    |          | ○        | ○        | ○        |          |
|             | 有機化学Ⅰ           |                    | ◎ |     |   |     |   |     |      |           |   |     | 2  | 15                                            | 14 | 1  |                 |          |    |          | ○        | ○        | ○        |          |
|             | 有機化学Ⅱ           |                    |   | ◎   |   |     |   |     |      |           |   |     | 2  | 15                                            | 13 | 2  |                 |          |    |          | ○        | ○        | ○        |          |
|             | 薬品合成化学Ⅰ         |                    |   |     | ◎ |     |   |     |      |           |   |     | 2  | 15                                            | 14 | 1  |                 |          |    |          | ○        | ○        | ○        |          |
|             | 薬品合成化学Ⅱ         |                    |   |     |   | ○   |   |     |      |           |   |     | 2  | 15                                            | 14 | 1  |                 |          |    |          | △        |          |          |          |
|             | 生薬学Ⅰ            |                    |   |     | ◎ |     |   |     |      |           |   |     | 2  | 15                                            | 14 |    | 1               |          |    |          | ○        | ○        | ○        |          |
|             | 生薬学Ⅱ            |                    |   |     |   | ○   |   |     |      |           |   |     | 1  | 8                                             | 8  |    |                 |          |    |          | △        |          |          |          |
|             | 基礎放射化学          |                    |   |     | ◎ |     |   |     |      |           |   |     | 1  | 8                                             | 7  | 1  |                 |          |    |          | ○        | ○        | ○        |          |
| 応用放射化学      |                 |                    |   |     |   | ◎   |   |     |      |           |   | 1   | 8  | 7                                             | 1  |    |                 |          |    | ○        | ○        | ○        |          |          |
| 生命薬学科目      | 解剖生理学Ⅰ          |                    | ◎ |     |   |     |   |     |      |           |   |     | 2  | 15                                            | 15 |    |                 |          |    |          | ○        | ○        | ○        |          |
|             | 解剖生理学Ⅱ          |                    |   | ◎   |   |     |   |     |      |           |   |     | 2  | 15                                            | 15 |    |                 |          |    |          | ○        | ○        | ○        |          |
|             | 細胞生物学Ⅰ          |                    | ◎ |     |   |     |   |     |      |           |   |     | 2  | 15                                            | 12 | 3  |                 |          |    |          | ○        | ○        | ○        |          |
|             | 細胞生物学Ⅱ          |                    |   | ◎   |   |     |   |     |      |           |   |     | 2  | 15                                            | 13 |    | 2               |          |    |          | ○        | ○        | ○        |          |
|             | 細胞培養学           |                    |   |     | ○ |     |   |     |      |           |   |     | 1  | 12                                            | 4  |    | 4               | 4        |    |          | △        |          |          |          |
|             | 生化学Ⅰ            |                    |   | ◎   |   |     |   |     |      |           |   |     | 2  | 15                                            | 12 |    | 3               |          |    |          | ○        | ○        | ○        |          |
|             | 生化学Ⅱ            |                    |   |     | ◎ |     |   |     |      |           |   |     | 2  | 15                                            | 12 |    | 3               |          |    |          | ○        | ○        | ○        |          |
|             | 代謝異常学           |                    |   |     |   |     | ○ |     |      |           |   |     | 1  | 8                                             | 7  | 1  |                 |          |    |          | △        |          |          |          |
|             | 分子生物学・遺伝子工学     |                    |   |     |   |     | ○ |     |      |           |   |     | 1  | 8                                             | 7  | 1  |                 |          |    |          | △        |          |          |          |
|             | 微生物学            |                    |   |     | ◎ |     |   |     |      |           |   |     | 2  | 15                                            | 15 |    |                 |          |    |          | ○        | ○        | ○        |          |
| 免疫学         |                 |                    |   | ◎   |   |     |   |     |      |           |   | 2   | 15 | 12                                            |    | 3  |                 |          |    | ○        | ○        | ○        |          |          |
| 医療薬学・衛生薬学科目 | 基礎薬理学           |                    |   | ◎   |   |     |   |     |      |           |   |     | 2  | 15                                            | 12 | 3  |                 |          |    |          | ○        | ○        | ○        |          |
|             | 構造と薬物           |                    |   |     | ◎ |     |   |     |      |           |   |     | 2  | 15                                            | 13 | 2  |                 |          |    |          | ◎        | ○        | ○        |          |
|             | 薬物治療学Ⅰ          |                    |   |     | ◎ |     |   |     |      |           |   |     | 2  | 15                                            | 12 | 3  |                 |          |    |          | ◎        | ○        | ○        |          |
|             | 薬物治療学Ⅱ          |                    |   |     | ◎ |     |   |     |      |           |   |     | 2  | 15                                            | 12 | 3  |                 |          |    |          | ◎        | ○        | ○        |          |
|             | 薬物治療学Ⅲ          |                    |   |     |   | ◎   |   |     |      |           |   |     | 2  | 15                                            | 11 | 4  |                 |          |    |          | ◎        | ○        | ○        |          |
|             | 臨床生化学           |                    |   |     |   | ◎   |   |     |      |           |   |     | 2  | 15                                            | 12 | 3  |                 |          |    |          | ◎        | ○        | ○        |          |
|             | 薬物治療学Ⅳ          |                    |   |     |   | ◎   |   |     |      |           |   |     | 2  | 15                                            | 14 |    | 1               |          |    |          | ◎        | ○        | ○        |          |
|             | 薬物治療学Ⅴ          |                    |   |     |   |     | ◎ |     |      |           |   |     | 2  | 15                                            | 15 |    |                 |          |    |          | ◎        | ○        | ○        |          |
|             | 薬物治療学Ⅵ          |                    |   |     |   |     | ◎ |     |      |           |   |     | 2  | 15                                            | 12 |    | 3               |          |    |          | ◎        | ○        | ○        |          |
|             | 臨床生理・診断学        |                    |   |     |   |     | ◎ |     |      |           |   |     | 2  | 15                                            | 9  | 6  |                 |          |    |          | ◎        | ○        | ○        |          |
|             | 薬物治療学Ⅶ          |                    |   |     |   |     |   | ◎   |      |           |   |     | 2  | 15                                            | 13 |    | 2               |          |    |          | ◎        | ○        | ○        |          |
|             | 薬物治療学Ⅷ          |                    |   |     |   |     |   | ◎   |      |           |   |     | 1  | 8                                             | 7  |    | 1               |          |    |          | ◎        | ○        | ○        |          |
|             | 薬物治療学演習Ⅰ        |                    |   |     |   |     |   | ◎   |      |           |   |     | 1  | 15                                            |    |    | 15              |          |    |          | ○        | ○        | ○        |          |
|             | 薬物治療学演習Ⅱ        |                    |   |     |   |     |   |     |      | ◎         |   |     | 1  | 15                                            |    |    | 15              |          |    |          | ○        | ○        | ○        |          |
|             | 再生移植遺伝子医療・薬物療法学 |                    |   |     |   |     |   |     |      |           | ○ |     | 2  | 15                                            | 10 | 5  |                 |          |    |          | △        |          |          |          |
|             | 薬の生体内運命Ⅰ        |                    |   |     | ◎ |     |   |     |      |           |   |     | 2  | 15                                            | 12 | 3  |                 |          |    |          | ◎        | ○        | ○        |          |
|             | 薬の生体内運命Ⅱ        |                    |   |     |   | ◎   |   |     |      |           |   |     | 2  | 15                                            | 12 | 3  |                 |          |    |          | ◎        | ○        | ○        |          |
|             | 薬の生体内運命Ⅲ        |                    |   |     |   |     | ◎ |     |      |           |   |     | 2  | 15                                            |    | 15 |                 |          |    |          | ◎        | ○        | ○        |          |
|             | 製剤学Ⅰ            |                    |   |     |   | ◎   |   |     |      |           |   |     | 2  | 15                                            | 12 | 3  |                 |          |    |          | ○        | ○        | ○        |          |
|             | 製剤学Ⅱ            |                    |   |     |   |     | ◎ |     |      |           |   |     | 2  | 15                                            | 12 | 3  |                 |          |    |          | ○        | ○        | ○        |          |
|             | 臨床医学各論          |                    |   |     |   |     | ◎ |     |      |           |   |     | 2  | 15                                            | 12 | 1  | 2               |          |    |          | ◎        | ○        | ○        |          |
|             | 腫瘍薬学            |                    |   |     |   |     |   | ◎   | ◎    |           |   |     | 2  | 15                                            | 8  | 7  |                 |          |    |          | ○        | ○        | ○        |          |
|             | 漢方医薬学総論         |                    |   |     |   |     | ◎ |     |      |           |   |     | 1  | 8                                             | 15 |    |                 |          |    |          | ○        | ○        | ○        |          |
|             | 創薬科学            |                    |   |     |   |     | ○ |     |      |           |   |     | 2  | 15                                            | 12 |    | 3               |          |    |          | △        | △        |          |          |
|             | 衛生薬学Ⅰ           |                    |   |     | ◎ |     |   |     |      |           |   |     | 2  | 15                                            | 13 | 2  |                 |          |    |          | ◎        | ◎        | ○        |          |
|             | 衛生薬学Ⅱ           |                    |   |     |   | ◎   |   |     |      |           |   |     | 2  | 15                                            | 14 | 1  |                 |          |    |          | ◎        | ◎        | ○        |          |
|             | 衛生薬学Ⅲ           |                    |   |     |   |     | ◎ |     |      |           |   |     | 2  | 15                                            | 13 |    | 2               |          |    |          | ◎        | ◎        | ○        |          |
|             | 衛生薬学Ⅳ           |                    |   |     |   |     |   | ◎   |      |           |   |     | 2  | 15                                            | 14 | 1  |                 |          |    |          | ◎        | ◎        | ○        |          |
|             | 衛生薬学Ⅴ           |                    |   |     |   |     |   | ◎   |      |           |   |     | 1  | 8                                             | 4  | 4  |                 |          |    |          | ◎        | ◎        | ○        |          |

# 2025年度生 薬学部 薬学科 専攻科目

| 系列     | 授業科目              | 開講期（必修◎/選択○/自由科目◇） |   |     |   |     |   | 単位数 | 授業回数 | 授業形態（コマ数） |   |     |    | ディプロマ・ポリシーに対する関与の程度<br>◎非常に強く関与 ○強く関与 △ある程度関与 |    |    |        |              | 備考 |          |             |             |             |             |             |
|--------|-------------------|--------------------|---|-----|---|-----|---|-----|------|-----------|---|-----|----|-----------------------------------------------|----|----|--------|--------------|----|----------|-------------|-------------|-------------|-------------|-------------|
|        |                   | 1年次                |   | 2年次 |   | 3年次 |   |     |      | 4年次       |   | 5年次 |    | 6年次                                           |    | 講義 | 演習     |              |    | 実習<br>実験 | D<br>P<br>1 | D<br>P<br>2 | D<br>P<br>3 | D<br>P<br>4 | D<br>P<br>5 |
|        |                   | 春                  | 秋 | 春   | 秋 | 春   | 秋 |     |      | 春         | 秋 | 春   | 秋  | 春                                             | 秋  |    | A<br>L | A<br>L<br>以外 |    |          |             |             |             |             |             |
| 専攻科目   |                   |                    |   |     |   |     |   |     |      |           |   |     |    |                                               |    |    |        |              |    |          |             |             |             |             |             |
| 臨床薬学科目 | 臨床薬剤学Ⅰ            |                    |   |     | ◎ |     |   |     |      |           |   |     | 2  | 15                                            | 12 |    | 3      |              |    |          | △           | ○           | ○           | ○           |             |
|        | 臨床薬剤学Ⅱ            |                    |   |     |   | ◎   |   |     |      |           |   |     | 2  | 15                                            | 12 | 3  |        |              |    | △        | ○           | ○           | ○           |             |             |
|        | 情報リテラシーと医療        |                    |   |     |   |     |   | ◎   |      |           |   |     | 2  | 15                                            | 15 |    |        |              |    | ◎        | ◎           | ◎           | ○           |             |             |
|        | 医療マネジメント          |                    |   |     |   |     |   |     | ◎    |           |   |     | 2  | 15                                            | 14 | 1  |        |              |    | ◎        | ◎           | ◎           | ◎           |             |             |
|        | セルフメディケーション学      |                    |   |     |   |     |   |     | ◎    |           |   |     | 2  | 15                                            | 12 | 3  |        |              |    | ◎        | ○           | ○           | ○           |             |             |
|        | 予防医学・セルフケア演習      |                    |   |     |   |     |   |     | ◎    |           |   |     | 1  | 15                                            |    | 15 |        |              |    | ◎        | ○           | ○           | ◎           |             |             |
|        | 個別化医療学            |                    |   |     |   |     |   |     | ◎    |           |   |     | 2  | 15                                            | 14 | 1  |        |              |    | ○        | ◎           | ◎           | ○           |             |             |
|        | 地域医療学             |                    |   |     |   |     |   |     |      | ◎         |   |     | 1  | 8                                             | 8  |    |        |              |    | ◎        | ○           | ◎           | ○           |             |             |
|        | 臨床薬学              |                    |   |     |   |     |   |     |      |           | ◎ |     | 1  | 8                                             | 7  | 1  |        |              |    | ○        | ◎           | ○           | ○           |             |             |
| 社会薬学科目 | 救急・災害薬学           |                    |   |     |   | ◎   |   |     |      |           |   |     | 1  | 8                                             | 7  | 1  |        |              |    | ◎        | ○           | ○           | ◎           |             |             |
|        | 救急・災害時チーム医療演習     |                    |   |     |   |     |   | ○   | ○    |           |   |     | 1  | 15                                            |    | 15 |        |              |    | △        |             | △           | ○           |             |             |
|        | 早期体験学習・銚子学        | ◎                  | ◎ |     |   |     |   |     |      |           |   |     | 1  | 10                                            | 3  | 3  |        | 4            | △  | ○        |             | ○           | ○           |             |             |
|        | 医療人の使命            | ◎                  |   |     |   |     |   |     |      |           |   |     | 1  | 12                                            | 3  | 8  |        | 1            | ◎  | ◎        |             |             | ○           |             |             |
|        | 救命救助法入門           |                    |   | ◎   |   |     |   |     |      |           |   |     | 1  | 8                                             | 8  |    |        |              | ○  | ◎        |             | ○           | ○           |             |             |
|        | 医療専門職連携導入         |                    |   | ◎   |   |     |   |     |      |           |   |     | 1  | 8                                             | 1  | 7  |        |              | ○  | ◎        |             | ○           | ○           |             |             |
|        | ヒューマニズム           |                    |   |     | ◎ |     |   |     |      |           |   |     | 1  | 8                                             |    | 8  |        |              | ◎  | ○        |             | ○           | ○           |             |             |
|        | 医療人のあり方           |                    |   |     |   | ◎   |   |     |      |           |   |     | 1  | 8                                             | 4  | 4  |        |              | ◎  | ◎        |             | ◎           | ○           |             |             |
|        | 多職種連携とプロフェッショナリズム |                    |   |     |   |     |   |     | ◎    |           |   |     | 1  | 8                                             | 8  |    |        |              | ◎  | ◎        |             | ○           | ◎           |             |             |
| 専門実習科目 | グローバルコミュニケーション    |                    |   |     |   |     |   |     |      |           | ◎ |     | 1  | 8                                             | 7  | 1  |        |              | ○  | ◎        |             | ○           | ○           |             |             |
|        | 薬剤師の責務            |                    |   |     | ◎ |     |   |     |      |           |   |     | 1  | 8                                             | 8  |    |        |              | ◎  | ◎        |             | ◎           | ○           |             |             |
|        | 社会と医療経済           |                    |   |     |   |     | ◎ |     |      |           |   |     | 1  | 8                                             | 8  |    |        |              | ○  | ○        |             | ◎           | ◎           |             |             |
|        | 薬剤師と法律            |                    |   |     |   |     |   | ◎   |      |           |   |     | 1  | 8                                             | 7  |    | 1      |              | ○  | ○        |             | ◎           | ◎           |             |             |
|        | 薬物乱用防止啓発活動        |                    |   |     |   |     |   | ◇   |      |           |   |     | 1  | 15                                            | 4  | 9  | 2      |              | △  | △        |             | ○           | ○           |             |             |
|        | 薬学基礎実習            |                    | ◎ |     |   |     |   |     |      |           |   |     | 1  | 15                                            |    |    |        | 15           |    |          |             | ○           |             | ○           |             |
|        | 物理・化学系薬学実習        |                    |   |     | ◎ |     |   |     |      |           |   |     | 2  | 30                                            |    |    |        | 30           |    |          |             | ○           |             | ○           |             |
|        | 生命薬学・衛生薬学実習       |                    |   |     |   | ◎   |   |     |      |           |   |     | 2  | 30                                            |    |    |        | 30           |    |          |             | ○           |             | ○           |             |
|        | 医療薬学実習            |                    |   |     |   |     | ◎ |     |      |           |   |     | 2  | 30                                            |    |    |        | 30           |    |          |             | ○           |             | ○           |             |
| 総合科目   | 事前実務実習            |                    |   |     |   |     |   | ◎   | ◎    |           |   |     | 4  | 60                                            |    |    |        | 60           | ○  |          | ○           |             |             | ◎           |             |
|        | 基礎薬学演習Ⅰ           | ◎                  | ◎ |     |   |     |   |     |      |           |   |     | 1  | 15                                            |    |    | 15     |              |    |          | ○           |             |             |             |             |
|        | 基礎薬学演習Ⅱ           |                    |   | ◎   | ◎ |     |   |     |      |           |   |     | 1  | 15                                            |    |    | 15     |              |    |          | ○           |             |             |             |             |
|        | 基礎薬学演習Ⅲ           |                    |   |     |   | ◎   | ◎ |     |      |           |   |     | 1  | 15                                            |    |    | 15     |              |    |          | ○           |             |             |             |             |
|        | 基礎薬学演習Ⅳ           |                    |   |     |   |     |   | ◎   | ◎    |           |   |     | 2  | 30                                            |    |    | 30     |              |    |          | ○           |             |             |             |             |
|        | 基礎薬学演習Ⅴ           |                    |   |     |   |     |   |     |      | ◎         | ◎ |     | 1  | 15                                            |    |    | 15     |              |    |          | ○           |             |             |             |             |
|        | 臨床病態解析学演習         |                    |   |     |   |     |   |     |      | ◎         | ◎ |     | 1  | 15                                            |    | 15 |        |              | ○  |          | ◎           | ○           | ○           |             |             |
|        | 薬局実務実習            |                    |   |     |   |     |   |     |      | ◎         | ◎ |     | 10 | 150                                           |    |    |        | 150          | ◎  | ◎        | ◎           | ◎           | ◎           | ◎           |             |
|        | 病院実務実習            |                    |   |     |   |     |   |     |      | ◎         | ◎ |     | 10 | 150                                           |    |    |        | 150          | ◎  | ◎        | ◎           | ◎           | ◎           | ◎           |             |
|        | 実務実習事後演習          |                    |   |     |   |     |   |     |      |           |   | ◎   | 1  | 15                                            |    | 15 |        |              | ◎  |          | ◎           | ◎           | ○           |             |             |
|        | 薬学特別演習Ⅰ           |                    |   |     |   |     |   |     |      |           |   | ◎   | 1  | 15                                            |    |    | 15     |              |    |          | ○           |             |             |             |             |
|        | 薬学特別演習Ⅱ           |                    |   |     |   |     |   |     |      |           |   | ○   | 2  | 30                                            |    |    | 30     |              |    |          | ○           |             |             |             |             |
|        | 総合薬学演習            |                    |   |     |   |     |   |     |      |           |   | ◎   | 1  | 15                                            |    |    | 15     |              |    |          | ○           |             |             |             |             |
| 卒業研究   |                   |                    |   |     |   |     | ◎ | ◎   | ◎    | ◎         | ◎ | ◎   | 4  | 60                                            |    | 30 | 30     | ○            | ○  | ◎        | ◎           | ○           |             |             |             |

卒業要件 一般基礎科目 : 16単位以上  
 専攻科目 : 170単位以上  
 合 計 : 186単位以上

※専攻科目の必修科目167単位すべて修得すること（専攻科目の選択科目を3単位以上修得）

※必修選択別：◎…必修、○…選択、◇…自由

※自由科目は卒業進級有効単位に含めない。

※ALとは・・・アクティブ・ラーニングの略。