**Al-Farabi Kazakh National University**

**Faculty Biology and Biotechnology**

**…**

**Department Biotechnology**

**…**

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|  | APPROVED by **Dean of Faculty**  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (signature)  \_\_Zaydan B.K.\_\_\_  **"\_27\_\_\_\_\_"\_\_08\_\_\_\_\_\_ 20 21…** |

### EDUCATIONAL-METHODICAL COMPLEX OF DISCIPLINE

### Code MBMUR6308, MBMYRB 6308

### « Moleculr biochemical markers of plant to disease resistance »

Identifier - The name of the specialty/ Biotechnology

Educational program 7M05109, Biotechnology

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| Course | 2. |
| Semester | Autumn 2021-2022…. |
| Number of credits | 105 hour …. |
| Lecture | 15. hour |
| Семинар | 20 hour |
| IWSP | 37.5. number |

**Almaty 20 21…**

Educational-methodical complex of the discipline is made by Saule Sagyndykovna Kenzhebayeva, doctor of biological sciences, professor \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (name, surname, scientific degree, academic rank)

Based on the working curriculum on the specialty 7M05109, Biotechnology

Considered and recommended at the meeting of the department \_ Biotechnology

from «\_29\_\_ » 06\_\_\_\_\_\_\_\_\_\_\_\_\_ 2021. year, protocol № 39…

Head of department Kistaybayeva A.S

(Signature)

### Recommended by methodical bureau of the faculty

«\_20\_\_\_» 08 \_\_\_\_\_\_\_\_\_\_\_ 20 21year, protocol № 1

Chairman of the method bureau of the faculty \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Asrandina S.Sh. (Signature)