# MODULE SUMMARY (discipline )

1. Module Theory of mechanisms and machines

2. SYMBOL ( CODE ) CURRICULUM
B3.V1.3

3. DIRECTION PLO Agroengineering

4. PROFILE OF TRAINING
Technical support in the agricultural sector

5. QUALIFICATIONS Bachelor

6. Providing DEPARTMENT Department TMS

7. TEACHER Saprykina N.A.
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8. STUDY RESULTS

By studying the discipline TMM bachelors should know the basic mechanisms and their kinematic and dynamic characteristics ; understand the principles of operation of certain mechanisms and their interaction in the car ; be able to find the kinematic and dynamic parameters of the given tools and machines and the optimal parameters of the designed mechanisms specified kinematic and dynamic properties using modern computer technology .

9. Contents (a list of the main topics (sections)

Basic concepts and definitions of the discipline "Theory of mechanisms and machines"
Structural analysis and synthesis of mechanisms ..
Kinematic analysis and synthesis of mechanisms.
Kinetostatic analysis of mechanisms.
Synthesis of cam mechanisms.
The mechanism of transmission ..
10. COURSE SEMESTER 3 5 Number of credits 5

11. Prerequisites "Mathematics", "Physics", "Descriptive Geometry and Engineering Graphics", "Theoretical Mechanics", "Sopromat"

12. KOREKVIZITY "Hydraulics"

13. TYPE CERTIFICATION (exam, test) exam, course project, differentiated Ladder

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