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|--|--|----------|----------|-----------|-----------|-----------|-------------|------------|------------|--|------------|
| ZO4 | Fundamentals of Theory of Electromagnetic Field and Processes | | 3 | 3 | 3 | 3 | 90 | 26 | 13 | | 51 |
| ZO5 | Non-conventional and Renewable Energy Sources in Electric Power Systems and Electrotechnical Complexes | | 4 | 4 | 4 | 3 | 90 | 36 | 18 | | 36 |
| ZO6 | Monitoring, Control and Protection of Electric Power Systems and Electrotechnical Complexes | 3 | | 3 | 3 | 3 | 90 | 26 | 13 | | 51 |
| 1.4. Vocational training cycle | | | | | | | | | | | |
| PO1 | Advanced Technologies in Electric Drive and Electromechanical Systems | 3 | 2 | 2,3 | 2,3 | 4 | 120 | 31 | 9 | | 80 |
| PO2 | Pedagogical Internship | | 3 | | | 2 | 60 | | | | 60 |
| TOTAL of NORMATIVE educational components | | 5 | 6 | 8 | 8 | 30 | 900 | 186 | 196 | | 518 |
| 2. Elective components | | | | | | | | | | | |
| V1 | Optional subject #1 from F-Catalogue | | 3 | 3 | 3 | 3 | 90 | 27 | | | 63 |
| V2 | Optional subject #2 from F-Catalogue | | 4 | 4 | 4 | 3 | 90 | 18 | 9 | | 63 |
| V3 | Optional subject #3 from F-Catalogue | 4 | | 4 | 4 | 4 | 120 | 18 | 9 | | 93 |
| TOTAL of ELECTIVE educational components | | 1 | 2 | 3 | 3 | 10 | 300 | 63 | 18 | | 219 |
| TOTAL | | 6 | 8 | 11 | 11 | 40 | 1200 | 249 | 214 | | 737 |

| II. Scientific component | | |
|---------------------------------|--|--|
| YEAR | The content of the graduate student's scientific work | Forms of control (Reporting) |
| 1st year | Choice and substantiation of the topic of own scientific research, determination of the content, terms of performance and volume of scientific works; selection and substantiation of the methodology of conducting own research, review and analysis of existing views and approaches that have developed in modern science in the chosen field. Preparation and publication of at least 1 article (usually a review) in scientific professional publications (domestic or foreign) on the research topic; participation in scientific and practical conferences (seminars) with the publication of abstracts. | Approval of the individual plan of the postgraduate student's work at the academic council of the institute / faculty, reporting on the progress of the individual postgraduate student's plan twice a year |
| 2nd year | Conducting own research under the guidance of the supervisor, which involves solving research problems through the use of a set of theoretical and empirical methods. Preparation and publication of at least 1 article in scientific professional publications (domestic or foreign) on the research topic; participation in scientific and practical conferences (seminars) with the publication of abstracts. | Reporting on the progress of the individual postgraduate student's plan twice a year |
| 3rd year | Analysis and generalization of the obtained results of own scientific research; substantiation of scientific novelty of the obtained results, their theoretical and / or practical significance. Preparation and publication of at least the 1st article in scientific professional publications on the research topic; participation in scientific and practical conferences (seminars) with the publication of abstracts. | Reporting on the progress of the individual postgraduate student's plan twice a year |
| 4th year | Registration of scientific achievements of the post-graduate student in the form of the dissertation, summing up concerning completeness of coverage of results of the dissertation in scientific articles according to the current requirements. Implementation of the obtained results and receipt of supporting documents. Submission of documents for preliminary examination of the dissertation. Preparation of a scientific report for final certification (defense of the dissertation). | Reporting on the progress of the individual postgraduate student's plan twice a year. Providing an opinion on the scientific novelty, theoretical and practical significance of the dissertation results. |

Head of the Scientific and Methodical Board of Speciality _____ / Oleksandr Yandulsky /
Dean of the Faculty _____ / Oleksandr Yandulsky /