

Module Handbook

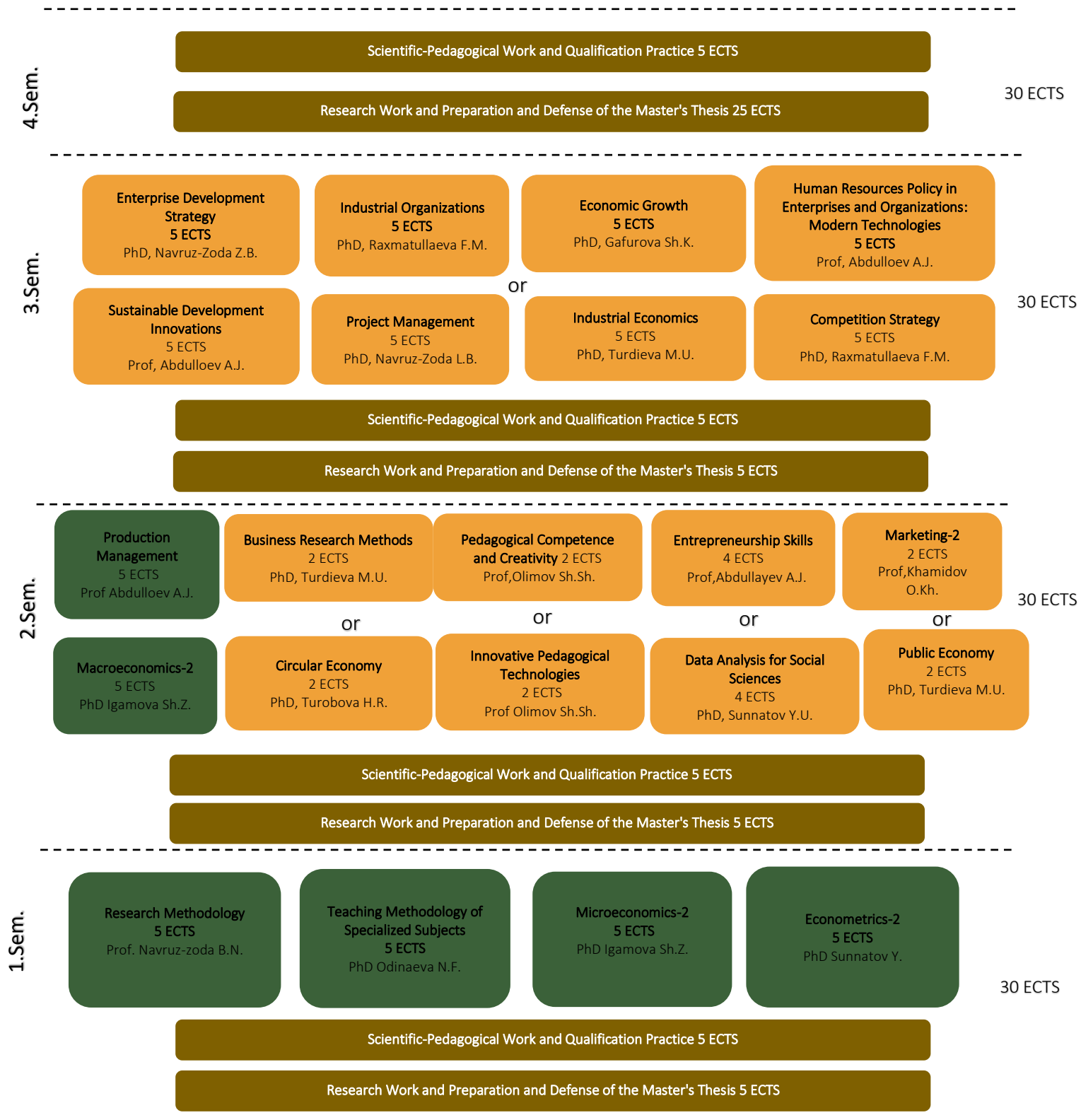
ECONOMICS
MASTER'S PROGRAM



2
0
2
5

BUKHARA STATE UNIVERSITY
FACULTY OF ECONOMICS AND TOURISM
DEPARTMENT OF ECONOMICS

Curriculum overview



= Compulsory moduls (CM)
 = Elective modules (EM)
 = Qualifying practice (Q)

ECTS = European Credit Transfer System CH = Credit Hours

Module	ECTS	Workload			
		Semester 1	Semester 2	Semester 3	Semester 4
Mandatory Courses	30	20	10		
Elective Courses	30		10	20	
Scientific Activity	60	10	10	10	30
	120	30	30	30	30

1st Semester

Summer/Winter Term 2024/2025

Module number ITM1105	Module name Research methodology	
Type of course Core module	Semester / Rotation 1	Student capacity: 10
Teaching methods Lecture, practice, group work, etc.	Prerequisites for attendance None	Language Uzbek
Type of examination (Final Grade Composition) Read and analysis books and journal articles (30%) Individual/Group work presentation/essay (30%) Written exam/Test (40%), 60 minutes		ECTS (+Workload in hrs) 5 (60 contact hours in class + 90 hours of self-study (together 150hrs)
Module coordinator Prof. Navruz-Zoda B.N.		Semester week hours: 4
Additional teacher involved: Prof. Abdulloev A.J.		
Syllabus The purpose of “Research methodology” is to teach scientific research methods to students, plan their scientific research work and experiments for the master's thesis, and apply theoretical knowledge and practical skills. The task of “Research methodology” is to teach students scientific research methods, organize their research work, explain the UDC code, plan their master's thesis scientific research work, and teach the methods for planning experiments.		
Results of teaching the subject (competencies which will be formed) As a result of teaching the subject, the master student should acquire the following knowledge: - Scientific research methods and modern analysis methods, planning scientific research work, systems for preparing scientific research and educational-pedagogical staff, subject classification, requirements for master's thesis, and skills for planning and conducting experiments. - Comparing scientific research methods and modern analysis methods, independently studying and analyzing them, planning students' scientific research, Start-up projects, the UDC system, classification of higher education fields and specializations, organizing and planning scientific research for the master's thesis, developing the master student's work plan, shaping the structure of the master's thesis, statistical processing of experimental results, mathematical modeling of scientific research and identifying factors influencing experimental conditions. - Mastery of scientific research work and experimental planning and conducting within the scope of the master's thesis topic.		

Core readings:

- N.A. Shermukhamedova. Scientific Research Methodology. Darslik, Tashkent-2014, "Science and Technologies" 512 p.
- G.A. Asilova. Basics of Scientific Research Activity. Tutorial. T.:2020, 186 p.
- A.G. Burda. Fundamentals of Scientific Research Activity: Study Guide. Krasnodar, 2015, 145 p.
- Kolmogorov Y.N., Sergeyev A.P., Tarasov D.A., Arapova S. Methods and Tools of Scientific Research. Study Guide – Yekaterinburg: Ural Publishing, 2017, 152 p.

Module number MFO•M1105	Module name Teaching Methodology of Specialized Subjects	
Type of course Core module	Semester / Rotation 1	Student capacity: 10
Teaching methods Lecture, practice, group work, etc.	Prerequisites for attendance None	Language Uzbek
Type of examination (Final Grade Composition) Read and analysis books and journal articles (30%) Individual/Group work presentation/essay (30%) Written exam/Test (40%), 60 minutes		ECTS (+Workload in hrs) 5 (60 contact hours in class + 90 hours of self-study (together 150hrs)
Module coordinator PhD Odinaeva N.F.		Semester week hours: 4
Additional teacher involved: PhD Navruz-zoda Z.B.		
Syllabus The purpose of “Teaching Methodology of Specialized Subjects” is to organize classes for master’s students in specialized academic fields, to teach them methodologies, and to prepare them for applying their knowledge and skills through practical and theoretical learning, thus enhancing their theoretical and practical knowledge. The main task of teaching “Teaching Methodology of Specialized Subjects” to master’s students is to prepare them for teaching activities in specialized knowledge fields at higher educational institutions and other professional fields. This includes training them to prepare for lectures, organizing their classes, delivering interactive and modern teaching methods, and ensuring that students are capable of conducting research, managing practical lessons, and developing the necessary teaching skills to engage them in various educational and professional activities.		
Results of teaching the subject (competencies which will be formed) As a result of mastering the subject, the master’s student should: - Understand the role of methodology in pedagogy and pedagogical technology, the interconnection of methodology with didactics, the essence and importance of traditional and non-traditional pedagogical views and approaches, and their main differences; have a general understanding of the basics of teaching the subject and organizing the educational process, the main forms of teaching, theoretical and practical lessons, independent work, and knowledge assessment; - Be familiar with the main methods used in teaching the subject and their content, select methods based on the criteria set for the lessons, work with different types of methods, and know how to apply them and use them effectively in teaching; - Be able to work individually with groups and manage student groups, design and plan the teaching process, prepare educational didactic materials, and possess the skills to use modern information technologies; - Be able to apply different teaching methods adapted to the characteristics of specialized subjects and topics, create didactic technological maps, prepare DTS, study plans, programs, and educational-methodological sets, and have knowledge and skills related to creating individual work plans.		

Core readings:

- Handbook for Teaching and Learning in Higher Education. Enhancing Academic Practice. Third edition. Edited by Heather Fry, Steve Ketteridge, Stephanie Marshall. First edition. This edition published 2009 by Routledge 270 Madison Ave, New York, NY 10016. Simultaneously published in the UK by Routledge 2 Park Square, Milton Park, Abingdon, Oxon OX14 4RN
- Methods for teaching: promoting student learning in K–12 classrooms/David A. Jacobsen, Paul Eggen and Don Kauchak. - 8th ed, 2009.
- Tojiboyeva D., Yo‘ldoshev A. Maxsus fanlarni o‘qitish metodikasi. Textbook. - T.: “Aloqachi”, 2009. - 432 p.
- Tojiboyeva D. Maxsus fanlarni o‘qitish metodikasi. Textbook. - T.: “Iqtisod-moliya”, 2018. - 567 p.

Module number MIKIQ1105	Module name Microeconomics-2	
Type of course Core module	Semester / Rotation 1	Student capacity: 10
Teaching methods Lecture, practice, group work, etc.	Prerequisites for attendance None	Language Uzbek
Type of examination (Final Grade Composition) Read and analysis books and journal articles (30%) Individual/Group work presentation/essay (30%) Written exam/Test (40%), 60 minutes		ECTS (+Workload in hrs) 5 (60 contact hours in class + 90 hours of self-study (together 150 hrs)
Module coordinator PhD Igamova Sh		Semester week hours: 4
Additional teacher involved: PhD Raxmatullaeva F.M.		
Syllabus The purpose of teaching Microeconomics-2 is to provide master's students with a deep theoretical foundation of economic knowledge, the fundamental concepts and categories of economics, microeconomic laws, and principles, as well as to develop the skills to apply these concepts in complex practical situations. The goal of the subject is to prepare students to analyze the processes of market economy, understand the economic decisions of firms and consumers, and apply key concepts such as competition and monopolies in practice. The objectives of the subject are: - to study the key issues of the market economy and their solutions, analyze the formation of supply and demand and the factors influencing them. - to analyze the decisions of economic agents (firms, consumers) and the market structure (competition and monopoly), and to transform theoretical knowledge into practical skills. - to study price formation and the efficient allocation of resources, understand the role and impact of government policy in cases of market failure. - to study competitive, monopolistic, and oligopolistic markets, develop methodological approaches to economic processes, and apply them in practice. - to analyze economic events and processes, deepen the understanding through scientific worldviews, and enhance students' scientific thinking skills. - to apply microeconomic theory to scientific research and real economic situations, and develop practical skills aimed at systematically solving economic problems.		
Results of teaching Microeconomics-2 (Competencies to be Developed) for the Master's Program: As a result of mastering the subject, the master's student: - have a deep understanding of the theoretical foundations of how the economy works and develops, the mechanism of supply and demand, the characteristics of competitive and non-competitive markets, supply and demand analysis, the production process, optimal use of production factors, types of production costs, and price formation in market conditions. - know how to analyze the basics of supply and demand, competitive and non-competitive markets, the mechanism of price formation in market conditions, the rules of firm behavior in different market structures, and how to identify methods of analyzing market efficiency and the factors influencing it, and will be able to effectively apply these methods in practice.		

- master the ability to analyze the market based on statistical data about supply and demand, draw conclusions, construct supply and demand functions, calculate their elasticity coefficients, and analyze the market situation. Additionally, the student will be able to assess income distribution and its inequality using the Gini coefficient, and draw conclusions based on the analysis of firm behavior in competitive and non-competitive markets.
- acquire the skills to perform market analysis, apply scientific approaches in evaluating economic processes and firm operations, compare results obtained in different economic systems and conditions, and assess them. The student will be capable of identifying market problems and proposing effective policies and strategies.

Core readings:

- Salimov B.T., Muxitdinova U.S., Mustafakulov Sh.I., Salimov B.B. Mikroiqtisodiyot: Textbook -T.: TDIU, 2006. - 230 b.
- Nureev R.M Курс микроэкономики. М: "Норма-инфра". Moscow, 2008.
- Pindyck R., Rubinfeld D. Microeconomics. 5th International Edition. – St. Petersburg: Piter, 2003. – 350 p.
- Perloff, “Microeconomics with Calculus”, Pearson (available electronically online through the university)
- Roberto Serrano, Allan M. Feldman, “A Short Course in Intermediate Microeconomics with Calculus”, Cambridge University Press, 2018

Module number EKMET1105	Module name Econometrics-2	
Type of course Core module	Semester / Rotation 1	Student capacity: 10
Teaching methods Lecture, practice, group work, etc.	Prerequisites for attendance None	Language Uzbek
Type of examination (Final Grade Composition) Read and analysis books and journal articles (30%) Individual/Group work presentation/essay (30%) Written exam/Test (40%), 60 minutes		ECTS (+Workload in hrs) 5 (60 contact hours in class + 90 hours of self-study (together 150hrs)
Module coordinator PhD Sunnatov Y.		Semester week hours: 4
Additional teacher involved: PhD Nurov Z.S.		
Syllabus The purpose of " Econometrics-2 " is to analyze socio-economic phenomena and processes using mathematical and statistical methods, build econometric models and test them based on various criteria, as well as to use these models in practice to forecast economic indicators and provide useful recommendations for decision-making. Through this subject, students will learn to analyze economic systems in depth, use statistical and mathematical methods effectively, and apply the results to economic practice. The objectives of the subject are: - Learning to analyze socio-economic phenomena and processes using mathematical and statistical methods, including building econometric models, testing and validating these models. - Applying modern econometric methods to forecast economic indicators and provide economic analysis and forecasts based on the results. - Applying econometric models in the process of economic modernization and production diversification, developing mathematical tools for the efficient use of scarce resources. - Learning to make decisions based on econometric analysis to implement innovations in production and increase the competitiveness of products. - Applying mathematical and statistical methods to analyze the relationships between economic systems and economic indicators, and forecast economic changes. - Mastering all stages of economic analysis in practice, effectively forecast economic indicators, and develop recommendations for their practical application.		
Results of Teaching the Subject (Competencies to be Formed) As a result of teaching the subject Econometrics-2, the master's students: - acquire the skills to apply advanced mathematical and statistical techniques to real-world economic data, effectively analyzing economic trends, relationships, and forecasting economic indicators. - gain proficiency in applying econometric models to predict economic outcomes, such as market trends, inflation rates, and employment figures, and understand the implications of these forecasts for decision-making. Master the ability to analyze the relationships between various economic indicators and systems, identifying patterns and trends that influence economic behavior. - develop competencies in applying econometric models in the processes of economic modernization, resource allocation, and production diversification, using mathematical tools to optimize decision-making.		

- acquire the competence to make informed, evidence-based decisions in real-world economic situations, using econometric analysis to guide strategies for sustainable growth and resource optimization.

Core readings:

- Christopher Dougherty. Introduction to Econometrics. Oxford University Press, 2011. - 573 p.
- Greene W.H. Econometric Analysis. Prentice Hall. 7th edition, 2011. - 1232 p.
- Gujarati D.N. Basic Econometrics. McGraw-Hill, 5th edition, 2009. - 922 p.
- Abdullaev O.M., Xodiev B.Yu., Ishnazarov A.I. Ekonometrika. textbook. - T.: Fan va texnologiya. 2007. - 612 s.
- "Time Series Analysis" by James D. Hamilton (2020 Edition)
- Econometric Analysis of Cross Section and Panel Data, second edition (Mit Press) 2nd ed. Edition, 2010

Scientific-Pedagogical Work and Qualification Practice *		
Language Uzbek	Semester / Rotation 1	ECTS (+Workload in hrs) 5 ECTS
Coordinator: a supervisor with an academic degree from the department assigned to a master student		
Type of examination (Final Grade Composition) a written report on the scientific-pedagogical work		
Master student should study and analysis of regulatory documents (SES (State education standards), curriculum, standard and working subject programs, calendar plans): 1. Study general information about regulatory documents. 2. Master the methods of formalization of regulatory documents. Get acquainted with the curriculum and working curricula. 3. Study the SESs and qualification requirements for Economics. 4. Work on sample curricula. 5. Create working curricula based on sample curricula for subjects taught at the undergraduate level in the Economics. 6. Get acquainted with the working curricula.		

* prepared on the basis of the schedule approved by the head of the magistracy department

Research Work and Preparation and Defense of the Master's Thesis*		
Language Uzbek	Semester / Rotation 1	ECTS (+Workload in hrs) 5 ECTS
Coordinator: a supervisor with an academic degree from the department assigned to a master student		
Type of examination (Final Grade Composition) a written report on the preparation and writing of a master's thesis		
Master's thesis is a scientific research work carried out by a master's student based on the theoretical and practical knowledge he acquired during his master's studies, general research methods, empirical and theoretical research methods (abstraction, analysis and synthesis, induction and deduction), the product of informed processes of knowledge and creativity, measurements in the research process, modeling and calculation experience of processes and objects. The structure of the master's thesis is as follows: - title page; - brief abstract of the master's thesis in two languages, Uzbek and English; - table of contents; - introduction; - main part; - conclusion and proposals; - list of references; - appendices. Preparing for research: - Determining the object and topic of research. - Choosing a research topic. - Getting acquainted with the bibliography and information resources, library funds and electronic resources on the selected topic. - Compiling a bibliographic list. - Approving the topic in the department. - In-depth study of information sources and documents (literature and electronic resources). - Adding additional literature to the bibliographic list. - Synopsis, annotation and preparation. - Compiling a bibliographic analysis. - Compiling a list of methods and directions for research. - Studying the cited methods and directions, conducting personal research on the main and auxiliary ones. - Formulating and describing a scientific research problem. - Formulating questions that will be answered in the research process. - Substantiating the relevance, novelty and practical significance of the research.		

* prepared on the basis of the Procedure for the preparation, design and organization of the defense of a master's thesis, compiled by the master's department and approved by the vice-rector for academic affairs

2nd Semester

Winter/Summer Term 2024/2025

Module number MAKIQ1105	Module name Macroeconomics - 2	
Type of course Core module	Semester / Rotation 2	Student capacity: 10
Teaching methods Lecture, practice, group work, etc.	Prerequisites for attendance None	Language Uzbek
Type of examination (Final Grade Composition) Read and analysis books and journal articles (30%) Individual/Group work presentation/essay (30%) Written exam/Test (40%), 60 minutes		ECTS (+Workload in hrs) 5 (90 contact hours in class + 60 hours of self-study (together 150hrs)
Module coordinator PhD Igamova Sh.Z.		Semester week hours: 4
Additional teacher involved: PhD Odinaeva N.F.		
Syllabus The purpose of the course “Macroeconomics II” is to develop students' deep knowledge and applied skills in macroeconomics and public macroeconomic policy. Macroeconomics II is an advanced course that builds on the foundational principles of macroeconomic theory. The course's objectives are to develop scientific understanding of macroeconomic categories, the manifestations and causes of macroeconomic problems, the analysis of economic processes using macroeconomic models, macroeconomic goals and instruments, and the specifics of implementing macroeconomic policy in an open economy. It also explores methods for calculating macroeconomic indicators, analyzing economic processes using macroeconomic concepts and models, and determining the results of macroeconomic policy.		
Results of teaching the subject (competencies which will be formed) As a result of teaching the subject, the student should: - describe advanced macroeconomic theories, including dynamic general equilibrium models, business cycle theories, and monetary-fiscal policy interactions, also key macroeconomic concepts, including economic growth models, business cycles, and policy tools; - understand the role of expectations, fiscal and monetary policy instruments, and external shocks in macroeconomic stability and fluctuations; - know and be able to apply the main methods key macroeconomic indicators, such as GDP growth, inflation, and unemployment, and assess their implications for economic policy, also macroeconomic models to real-world problems, such as inflation control and economic stabilization; - analyze and evaluate macroeconomic models using mathematical tools, empirical data, macroeconomic policies, identifying their short- and long-term effects on economic performance, assessing their effectiveness and limitations in different economic contexts.		
Core readings: - Mankiw N. Gregory. Macroeconomics. -Tenth Edition. — New York: Worth Publishers, 2018. — 656 p. — ISBN-10: 1319105998 ISBN-13: 978-1319105990. - Blanchard Olivier. Macroeconomics. 8th ed. — Pearson, 2020. — 576 p. — ISBN-10: 0134897897, ISBN-13: 978-0134897899. - I.O. Yakubov, H.A. Hakimov. MAKROIQTISODIYOT-2. O'quv qo'llanma. T.: IQTISODIYOT, 2019 - G'.E.Zaxidov, M.T.Asgarova, Z.A. Djumayev, L.F.Amirov, H.A. Hakimov. Makroiqtisodiyot. Dasrlik. T.: IQTISODIYOT, 2019 - B.T. Salimov, M.T. Asgarova, I.A. Yakubov, M.S. Yusupov, H.A. Hakimov, G'.T. Yuldashev. Mikroiqtisodiyot. Makroiqtisodiyot. Dasrlik. T.: IQTISODIYOT, 2019.		

Module number ICHTE205	Module name Production Management	
Type of course Core module	Semester / Rotation 2	Student capacity: 10
Teaching methods Lecture, practice, group work, etc.	Prerequisites for attendance None	Language Uzbek
Type of examination (Final Grade Composition) Read and analysis books and journal articles (30%) Individual/Group work presentation/essay (30%) Written exam/Test (40%), 60 minutes		ECTS (+Workload in hrs) 5 (60 contact hours in class + 90 hours of self-study (together 150hrs)
Module coordinator Prof. Abdulloev A.J.		Semester week hours: 4
Additional teacher involved: PhD Raxmatullaeva F.M.		
Syllabus The purpose of teaching “ Production Management ” is to prepare students for industrial enterprises, which are the most important link in the economy, as specialists with in-depth knowledge, as well as to fulfill the tasks of teaching the laws in the field of labor relations, including the essence of labor and the specific forms of its manifestation. The Production Management course objectives are: - exploring the principles, strategies, and methods used to structure and manage production processes efficiently; - examining key topics such as production planning, resource allocation, process optimization, supply chain management, and technological innovations in production systems; - integrating theoretical concepts with practical case studies to help students understand how firms and companies optimize productivity, minimize costs, and enhance competitiveness.		
Results of teaching the subject (competencies which will be formed) As a result of teaching the subject, the student should: - describe key concepts and principles of production organization, including production planning, resource management, and process optimization. - understand current trends and patterns of industrial and national economic development; understand ongoing work in foreign countries; understand enterprise technology and engineering, and understand management and production organization methods. - know and be able to use problem-setting methods related to identifying events and phenomena in production organization; the population's standard of living, income, and methods of government regulation; organize wage systems in the context of economic modernization; social protection systems; labor management in a market economy. - analyze and evaluate factors influencing production performance, such as supply chain integration, technological advancements, and workforce management; analyze production processes using data-driven approaches to improve efficiency, quality, and competitiveness.		

Core readings:

- "The Structure of Production" by Mark Skousen (Third Edition, 2022)
- "Production and Operations Management" by Michel Baudin and Torbjørn Netland (2021)
- "New Trends in Production and Operations Management" edited by Juan Vicente García Manjón (2020)
- А.Ортигов, Г.Карабаева. Организация производства на предприятии — Т.: ТДИУ, 2010. - 144 стр.
- А.Ортигов Промышленная экономика - Т.: ТГЭУ, 2010. - 256 стр.

Module number BTEU2205	Module name Business Research Methods	
Type of course Elective module	Semester / Rotation 2	Student capacity: 10
Teaching methods Lecture, practice, group work, etc.	Prerequisites for attendance None	Language Uzbek
Type of examination (Final Grade Composition) Read and analysis books and journal articles (30%) Individual/Group work presentation/essay (30%) Written exam/Test (40%), 60 minutes		ECTS (+Workload in hrs) 2 (30 contact hours in class + 30 hours of self-study (together 60hrs)
Module coordinator PhD Turdieva M.U.		Semester week hours: 2
Additional teacher involved: Prof. DSc Abdulloev A.J.		
Syllabus The course “Business Research Methods” is aimed at studying methods of activating economic relations arising in the market, methods of complex, systematic solutions to problems of production and sale of goods, rapid adaptation to changes in the market, a differentiated approach to consumers, the creation of competitive new goods and the organization of their production, the study and forecasting of market conditions, and the study of business strategies. The Business Research Methods pays special attention to considering firms and enterprises as a tool for achieving their goals in the market. The "Business Research Methods" is of great importance in studying the theoretical and practical aspects of socio-economic processes occurring in sectors and enterprises in the conditions of modernization of the economy and finding solutions for its moderate development, as well as in the formation of specialists in the master's degree program "Economics". The achievements and conclusions of this discipline are widely used in business activities in the country.		
Results of teaching the subject (competencies which will be formed) As a result of teaching the subject, the student should: - describe theoretical and methodological foundations of business process analysis; business research models; methods of empirical analysis of business processes; international and domestic market segmentation, pricing and customer service strategies; business process forecasting; - understand the possibilities of expanding sales of goods and services and ways and means of making them competitive; management strategies based on the modern concept of business research; - know and be able to determine the boundaries of business activity taking into account business risks; use analytical methods in choosing new modern business strategies; study the market and competitive environment; use economic data and information to identify relationships and determine connections; - analyze, organize and interpret data; apply economic analysis to written, digital, diagrammatic and graphical data; analyze economic problems and situations, identify and develop relationships.		
Core readings: - Schindler, P. S. Business research methods (13th ed.). New York, NY: McGraw-Hill Irwin. (ISBN: 9781260672145). 2019. - Zikmund Babin, Carr Griffin. Business Research methods, 8th Edition, Tata Mc Graw Hill, New Delhi, 2014. - D.Rasulova, I.Xotamov, X.Asatullayev. Biznesni tadqiq etish usullari. T.: Moliya, 2019 y.		

Module number MENJ2105	Module name "Circular Economy"	
Type of course Elective module	Semester / Rotation 2	Student capacity: 10
Teaching methods Lecture, practice, group work, etc.	Prerequisites for attendance None	Language Uzbek
Type of examination (Final Grade Composition) Read and analysis books and journal articles (30%) Individual/Group work presentation/essay (30%) Written exam/Test (40%), 60 minutes		ECTS (+Workload in hrs) 2 (30 contact hours in class + 30 hours of self-study (together 60 hrs)
Module coordinator PhD Turobova H.R.		Semester week hours: 2
Additional teacher involved: PhD Djuraeva D.D.		
Syllabus The “Circular Economy” course explores sustainable economic models that emphasize resource efficiency, waste reduction, and the transition from a linear "take-make-dispose" system to a circular system that promotes reuse, recycling, and regeneration. This course integrates principles from environmental economics, business sustainability, and industrial ecology to analyze how businesses and policymakers can design systems that minimize waste and maximize resource value. Students will examine key topics such as closed-loop supply chains, eco-design, circular business models, policy frameworks, and the role of digital technologies in enabling circular practices. The course also includes case studies of successful circular economy initiatives across industries, such as manufacturing, agriculture, and energy. Through theoretical discussions and practical applications, students will gain the knowledge and skills needed to drive sustainable economic transformation in businesses, governments, and international organizations.		
Results of teaching the subject (competencies which will be formed) As a result of teaching the subject, the student should: - describe the key concepts, principles, terminologies and frameworks of the circular economy, including resource efficiency, waste reduction, closed-loop systems and sustainability strategies. - understand the economic, environmental, and social implications of transitioning from a linear to a circular economy; the main challenges, opportunities, and stakeholders involved in implementing circular economy practices in various industries. - apply circular economy principles to real-world business and policy challenges, such as designing sustainable supply chains or evaluating eco-friendly production methods; integrate circular economy concepts with innovative business and policy strategies to develop sustainable solutions. - analyze circular business models, policy frameworks, case studies and technological innovations that promote sustainability and resource optimization in promoting circular economy practices; the effectiveness of circular economy initiatives and their potential impact on long-term sustainability goals.		
Core readings: 1. "The Circular Economy Handbook: Realizing the Circular Advantage" by Peter Lacy, Jessica Long, and Wesley Spindler (2020)		

2. "A Systemic Transition to Circular Economy" edited by Piergiuseppe Morone, Francesco Chiodo, and Giovanni De Gregorio (2023)
3. "Adopting Circular Economy: Current Practices and Future Perspectives" edited by Mahendra Ramkissoon, Muhammad Farrukh, and Rameshwar Dubey (2020)
4. "Innovating for The Circular Economy: Driving Sustainable Transformation" by Vijay Kumar Arora, Dieter Mutz, and Ramesh Mohanraj (2023)
5. "Circular Economy for Social Transformation: Multiple Paths to Achieve Circularity" edited by Silvia Rita Sedita and Cristiano Ciappei (2024)
6. Turobova Hulkar Rustamovna, Kadirova Maral Matyakubovna. Yashil iqtisodiyot / [Matn]: o‘quv qo‘llanma / H.R.Turobova, M.M.Kadirova - Buxoro: “Buxoro Determinanti”MCHJning Kamolot nashriyoti, 2025. - 96 b.

Module number BTEU2205	Module name Pedagogical Competence and Creativity		
Type of course Elective module	Semester / Rotation 2	Student capacity: 10	
Teaching methods Lecture, seminar, group work, etc.	Prerequisites for attendance None	Language Uzbek	
Type of examination (Final Grade Composition) Read and analysis books and journal articles (30%) Individual/Group work presentation/lesson plan (30%) Written exam/Test (40%), 60 minutes			ECTS (+Workload in hrs) 2 (30 contact hours in class + 30 hours of self-study (together 60 hrs)
Module coordinator Prof. Olimov Sh.Sh.			Semester week hours: 2
Additional teacher involved: Prof. Samiyeva Sh.			
Syllabus The Pedagogical Competence and Creativity course explores the essential skills, knowledge, and innovative approaches required for effective teaching and learning. It focuses on developing future educators' ability to create engaging, student-centered learning environments by integrating pedagogical theories, modern teaching methodologies, and creative instructional techniques. Master students will examine key topics such as pedagogical competence frameworks, creative problem-solving in education, learner-centered teaching strategies, digital tools for innovative instruction, and the role of creativity in enhancing critical thinking and motivation. The course also covers practical approaches to designing effective lesson plans, assessments, and inclusive educational experiences. During the course of their studies, master students attend classes with leading teachers in order to analyze the lesson and learn from it. By combining theoretical insights with hands-on applications, this course prepares future educators, trainers, and education leaders to enhance their teaching effectiveness, adaptability, and innovation in diverse learning contexts.			
Results of teaching the subject (competencies which will be formed) As a result of teaching the subject, the student should: - describe key concepts related to fundamental concepts of pedagogical competence and creativity in education and instructional methodologies; - understand the role of creativity and innovative teaching strategies in enhancing learning experiences; the significance of innovative, student-centered teaching approaches in fostering effective learning; - identify strategies to enhance creativity, critical thinking, and problem-solving in educational settings; - apply creative teaching techniques and pedagogical models to real-world educational settings in classes; innovative lesson plans and teaching strategies by integrating various pedagogical and creative approaches; - analyze different pedagogical frameworks, comparing their effectiveness in fostering creativity and student engagement; different teaching methodologies, determining their impact on learner outcomes and engagement.			

Core readings:

- "Creativity in Education" edited by Anna Craft, Bob Jeffrey, and Mike Leibling (2024)
- "Creativity as Progressive Pedagogy: Examinations into Culture, Performance, and Transformation" edited by Julian Sefton-Green and Pat Thomson (2023)
- "The Creative Classroom: Innovative Teaching for 21st Century Learners" by R. Keith Sawyer (2019)
- M.O.Karimova, D.Q.Rafiqova, B.X.Baydjanov. Pedagogik kompetentlik va kreativlik asoslari / O'quv qo'llanma. –Farg'ona, 2021. 248 bet.

Module number G'B1605	Module name Innovative Pedagogical Technologies		
Type of course Elective module	Semester / Rotation 2	Student capacity: 10	
Teaching methods Lecture, practice, group work, etc.	Prerequisites for attendance None	Language Uzbek	
Type of examination (Final Grade Composition) Read and analysis books and journal articles (30%) Individual/Group work presentation/lesson plan (30%) Written exam/Test (40%), 60 minutes			ECTS (+Workload in hrs) 2 (30 contact hours in class + 30 hours of self-study (together 60hrs)
Module coordinator Prof. Olimov Sh.Sh.			Semester week hours: 2
Additional teacher involved: Prof. Samiyeva Sh.			
Syllabus The “Innovative Pedagogical Technologies” course explores modern teaching and learning strategies that integrate digital tools, interactive methodologies, and creative approaches to enhance the educational experience. This course equips students with the skills to implement technology-driven and student-centered instructional methods in various educational settings. Key topics include the role of artificial intelligence (AI) in modern education, digital and blended learning models, gamification in teaching, adaptive learning technologies, and innovative assessment strategies. The course also examines how emerging technologies can support inclusivity, engagement, and critical thinking in the learning process. Through a combination of theoretical insights and hands-on applications, master students will develop the ability to design and implement innovative pedagogical solutions tailored to diverse learning needs.			
Results of teaching the subject (competencies which will be formed) As a result of teaching the subject, the student should: - describe key concepts, theories and principles of innovative pedagogical technologies; - understand the role and impact of digital tools, AI, gamification, and blended learning in modern education; - identify effective technological solutions and strategies for enhancing teaching and learning experiences; - apply innovative teaching methods and technological tools to real-world educational challenges; develop and design innovative lesson plans and instructional strategies integrating new technologies; - analyze different pedagogical models and evaluate their effectiveness in technology-enhanced educational environments.			
Core readings: - "Supporting Innovative Pedagogies with Digital Technologies", Michelle Mukherjee, Christopher Blundell, Shaun Nykvist, 2024 - "Innovative Education Technologies for 21st Century Teaching and Learning", Muhammad Mujtaba Asad, Fahad Sherwani, Razali Bin Hassan, Prathamesh Churi, 2022 - "Handbook of Research on Transformative and Innovative Pedagogies in Education" by Jared Keengwe - Ismailova Sh. Ta`lim jarayonida innovatsion pedagogik texnologiyalarni qo`llash shartlari. Urganch davlat universiteti. 2015, 154 bet			

Module number TK2205	Module name Entrepreneurship Skills	
Type of course Elective module	Semester / Rotation 2	Student capacity: 10
Teaching methods Lecture, practice, group work, etc.	Prerequisites for attendance None	Language Uzbek
Type of examination (Final Grade Composition) Read and analysis books and journal articles (30%) Individual/Group work presentation/business-plan (30%) Written exam/Test (40%), 60 minutes		ECTS (+Workload in hrs) 4 (60 contact hours in class + 60 hours of self-study (together 120 hrs)
The course requires students to write a course work .		
Module coordinator Prof. Abdulloev A.J.		Semester week hours: 4
Additional teacher involved: PhD. Raxmatullaeva F.M.		
Syllabus The Entrepreneurship Skills course equips students with the deep knowledge, mindset, and practical skills required to develop, launch, and manage successful business ventures. It explores fundamental entrepreneurship concepts, innovation strategies, business modeling, financial planning, and risk management. The purpose of teaching the subject is to provide theoretical and practical knowledge about the essence of entrepreneurial activity, its role in the development of our national economy and the role of the population in solving the problem of employment, to teach students the specific features of entrepreneurship development, the organizational and legal framework of private entrepreneurship and issues of their support by the state, the organization, planning, management of entrepreneurial activity, their financial activities and forms of credit provision, the relations of business entities with banks, taxes and audits, methods of providing information and ways to increase their economic efficiency.		
Results of teaching the subject (competencies which will be formed) As a result of teaching the subject, the students: - understand the principles of entrepreneurship (including business planning, innovation, and venture creation), financial management, the role of risk management, market analysis, and financial planning in entrepreneurship. - identify viable business opportunities and assess their feasibility in competitive markets. - analyze different business models, industry trends, and strategic approaches to entrepreneurship. - develop innovative business ideas, draft business plans, and propose startup strategies; assess the feasibility of business ventures, evaluate risk factors, and make strategic decisions for business growth.		
Core readings: - Pearson, Harlow Harris, T. (2019) Start-up: a practical guide to starting and running a new business, Springer, Cham Switzerland - Stutely, R. (2012) The definitive business plan: the fast-track to intelligent business planning for executives and entrepreneurs - O.X. Xamidov, A.J. Abdulloyev, S.S. Davlatov, N.U. Baxtiyorova, N.F. Odinayeva. Kichik biznes va xususiy tadbirkorlik. Textbook. – Tashkent: “Durdona,” 2023. – 160 p. - A.J. Abdulloyev, M.A. Bakayeva, N.F. Odinayeva. Kichik biznes va xususiy tadbirkorlik. Study		

Guide. – Tashkent: “Durdona,” 2022. – 156 p.

- M.R. Boltaboyev, M.S. Qosimova, Sh.J. Ergashxo‘jaeva, B.K. G‘oyibnazarov, A.N. Samadov, R. Xodjaev. Kichik biznes va tadbirkorlik. Study Guide. – Tashkent: “Iqtisodiyot,” 2010. – 275 p.
- A.N. Samadov, G.N. Ostanaqulova. Kichik biznes va tadbirkorlik. – Tashkent: “Moliya-Iqtisod,” 2008.
- M.S. Qosimova, M.A. Yusupov, D. Shodibekova, A.N. Samadov. Kichik biznesni boshqarish. – Tashkent: Uzbekistan Writers’ Union, 2005.

Module number IJFMT2205	Module name Data Analysis for Social Sciences	
Type of course Elective module	Semester / Rotation 2	Student capacity: 10
Teaching methods Lecture, practice, group work, etc.	Prerequisites for attendance None	Language Uzbek
Type of examination (Final Grade Composition) Read and analysis books and journal articles (30%) Individual/Group work presentation/essay (30%) Written exam/Test (40%), 60 minutes		ECTS (+Workload in hrs) 4 (60 contact hours in class + 60 hours of self-study (together 120 hrs)
The course requires students to write a course work .		
Module coordinator PhD. Sunnatov Y.U.		Semester week hours: 4
Additional teacher involved: PhD. Nurov Z.S.		
Syllabus The Data Analysis for Social Sciences course provides students with essential knowledge and practical skills to collect, process, analyze, and interpret data in social science research. The course covers both qualitative and quantitative methods, emphasizing statistical tools, software applications, and data visualization techniques relevant to various social science disciplines. Students will learn to critically evaluate data sources, apply appropriate analytical techniques, and derive meaningful insights for academic and professional research. The course integrates hands-on exercises using statistical software such as SPSS, Stata, R, or Python, ensuring practical experience in data handling and interpretation.		
Results of teaching the subject (competencies which will be formed) As a result of teaching the subject, the students: 1. describe fundamental concepts and methodologies in social science data analysis; 2. understand the principles of data collection, statistical analysis, and ethical considerations in research; 3. identify appropriate analytical tools and techniques for quantitative and qualitative data; different analytical techniques to develop comprehensive research models and frameworks; 4. analyze datasets, interpret findings, and draw meaningful conclusions using statistical software; critically assess data sources, research methodologies, and the impact of findings on social science theories and policies.		
Core readings: - "Data Analysis for Social Science: A Friendly and Practical Introduction", Elena Llaudet and Kosuke Imai, 2022 - "Statistics and Data Analysis for Social Science", Eric J. Krieg, 2020 - "Data Analysis for the Social Sciences: Integrating Theory and Practice", Douglas Bors, 2021 - "Social Science Data Analysis: An Introduction", Florian G. Hartmann, 2022 - F.X. Xazratov, J.J. Atamuradov, H.I. Eshonqulov Big data va ma'lumotlar tahlili. O'quv qo'llanma – Buxoro, BuxDU, 2021, 160 b.		

Module number MARK2305	Module name Marketing – 2		
Type of course Elective module		Semester / Rotation 2	Student capacity: 10
Teaching methods Lecture, practice, group work, etc.		Prerequisites for attendance None	Language Uzbek
Type of examination (Final Grade Composition) Read and analysis books and journal articles (30%) Individual/Group work presentation/essay (30%) Written exam/Test (40%), 60 minutes			ECTS (+Workload in hrs) 2 (30 contact hours in class + 30 hours of self-study (together 60 hrs)
Module coordinator Prof. Khamidov O.Kh.			Semester week hours: 2
Additional teacher involved: Prof. Navruz-zoda B.N.			
Syllabus The purpose of teaching the Marketing - 2 is to radically improve the activities of economic entities, create the most favorable conditions for sellers and buyers, thereby satisfying the needs of the population and improving their standard of living, and widely apply marketing activities in practice. The Marketing - 2 course builds upon foundational marketing principles and explores advanced concepts, strategies, and analytical techniques essential for decision-making in competitive markets. The course integrates case studies, data-driven decision-making, and the application of marketing analytics to optimize business strategies. Through a combination of theoretical insights and practical applications, students will develop the ability to craft effective marketing strategies, assess market trends, and leverage innovative marketing tools to drive business success in various industries.			
Results of teaching the subject (competencies which will be formed) As a result of teaching the subject, the student should: - describe the advanced concepts of marketing, the history of the emergence of marketing, its goals and objectives, marketing objects, subjects, types of marketing, their differences from each other; - understand and have theoretical knowledge of organizing marketing research, collecting information, primary and secondary information, methods of collecting it; - know and have the skills to determine the product, its life cycle, set prices, form a product distribution system, and effectively promote the product; to draw conclusions based on sociological research; the competencies in planning marketing activities, forming a marketing budget, and marketing control; - analyze and evaluate the market and consumers, increase the position of the product in the market, and apply market segmentation in practice.			
Core readings: - eMarketing: The Essential Guide to Marketing in a Digital World - 7th Edition, Rob Stokes and the Minds of Quirk, 2022 - Marketing 6.0: The Future Is Immersive, Philip Kotler, Hermawan Kartajaya, Iwan Setiawan, 2023 - Ergashxodjaeva Sh.J., Qosimova M.S., Yusupov M.A. Marketing. O'zbekiston Respublikasi oliy va o'rta maxsus ta'lim vazirligi. -T.: Iqtisodiyot, 2018.-315b. - Котлер Ф. Основы маркетинга. 5-е изд./ Ф. Котлер, А.Гари-М.: Вильямс, 2016. - 752 с. - Ergashxodjaeva Sh.J., Qosimova M.S., Yusupov M.A. Marketing asoslari O'zbekiston Respublikasi oliy va o'rta maxsus ta'lim vazirligi. -T.: Iqtisodiyot, 2019.-305b.			

Module number DI2305	Module name Public Economy		
Type of course Elective module	Semester / Rotation 2	Student capacity: 10	
Teaching methods Lecture, practice, group work, etc.	Prerequisites for attendance None	Language Uzbek	
Type of examination (Final Grade Composition) Read and analysis books and journal articles (30%) Individual/Group work presentation/essay (30%) Written exam/Test (40%), 60 minutes			ECTS (+Workload in hrs) 2 (30 contact hours in class + 30 hours of self-study (together 60hrs)
Module coordinator PhD Turdieva M.U.			Semester week hours: 2
Additional teacher involved: Prof. Abdulloev A.J.			
Syllabus The purpose of teaching the subject "Public Economy" is to form systematic, comprehensive theoretical knowledge and practical skills about the specific features, forms and methods, means of the state mechanism of economic regulation, state economic policy. Through a combination of lectures, case studies, and policy analysis, students will gain insights into the complexities of public finance, the rationale for government intervention, and the challenges of designing optimal policies for economic and social welfare. The Public Economy course objectives are: - to reveal the areas and forms of operation of the state mechanism in conjunction with the market mechanism of economic regulation; - to analyze various concepts of the role of state economic policy in managing and regulating the economy and to study the experience of developed countries; - to determine the formation and development of the mechanism of economic regulation in Uzbekistan, the methods, means and directions of fulfilling the role of the state as the main reformer; - to analyze the goals, objectives of state economic policy and the directions, methods and means of their implementation, as well as the forms and means of economic regulation; - to analyze the directions of state economic policy aimed at ensuring the harmony of market and state mechanisms for organizing the economy and to teach decision-making in this regard.			
Results of teaching the subject (competencies which will be formed) As a result of teaching the subject, the student should: - describe theoretical foundations of state economic policy and state regulation of the economy, various theoretical concepts in this regard, an idea of the forms, methods and means of state economic policy and state regulation of the economy; - understand structural and investment policy of the state aimed at changing the structural structure of the economy and its modernization; goals and objectives of the state policy in the agrarian, antimonopoly, regional, support for the private sector and entrepreneurship in the economy, and ecology; - analyze economic phenomena and processes in the Republic of Uzbekistan and develop measures for			

their regulation; methods of managing the social sphere, regulating social processes; indicators of the state ensuring the country's economic security; processes taking place in many developed countries in the context of the ongoing global financial and economic crisis;

- have the skills to develop scientifically based conclusions and proposals and practical recommendations on priority areas for ensuring sustainable, balanced growth based on modernization of the economy in Uzbekistan, technical and technological renewal;

Core readings:

- Markets, State, and People: Economics for Public Policy, Diane Coyle, 2020
- Quantum Governance: Rewiring the Foundation of Public Policy, Fadi Farra and Sir Christopher Pissarides, 2023
- Economics: Private and Public Choice, 17th Edition, James D. Gwartney, Richard L. Stroup, Russell S. Sobel, and David A. Macpherson, 2021
- Abulqosimov H. P., Abulqosimov M. X., Topildiev S.R. “Iqtisodiyotni davlat tomonidan tartibga solish usullari” darslik. Toshkent —IQTISODIYOT – 2020. -420 b

Scientific-Pedagogical Work and Qualification Practice *		
Language Uzbek	Semester / Rotation 2	ECTS (+Workload in hrs) 5 ECTS
Coordinator: a supervisor with an academic degree from the department assigned to a master student		
Type of examination (Final Grade Composition) a written report on the scientific-pedagogical work		
Master student should monitor and analyze the delivery of lectures, laboratory, practical and seminar classes in undergraduate education in specialized disciplines: 1. Determine the lesson schedules of pedagogical staff teaching subjects in the bachelor Economics and draw up a plan for participation in lessons. 2. Obtain recommendations on the methodology of lesson analysis and study analysis methods. 3. Acquire the skills of organizing the educational process based on innovative technologies in seminar classes. 4. Conduct a discussion of the analyzed lessons. 5. Monitor the analysis of lessons with the participation of the scientific supervisor. 6. Acquire the skills of conducting lectures, practical and seminar classes in specialized subjects.		

** prepared on the basis of the schedule approved by the head of the magistracy department*

Research Work and Preparation and Defense of the Master's Thesis *		
Language Uzbek	Semester / Rotation 2	ECTS (+Workload in hrs) 5
Coordinator: a supervisor with an academic degree from the department assigned to a master student		
Type of examination (Final Grade Composition) a written report on the preparation and writing of a master's thesis		
Master's thesis is a scientific research work carried out by a master's student based on the theoretical and practical knowledge he acquired during his master's studies, general research methods, empirical and theoretical research methods (abstraction, analysis and synthesis, induction and deduction), the product of informed processes of knowledge and creativity, measurements in the research process, modeling and calculation experience of processes and objects. Preparing for research: - Carrying out a classification of existing situations and a comparative analysis of points of view on the research topic. In the conclusions, reflect the level of study of the problem, signs of scientific (theoretical) novelty, and the relevance of the research topic. - Identify and formulate the distinguishing features of the research object. - Asking and formulating a working hypothesis. - Formulate the tasks to be solved and determine the goal and research questions to be answered. - Determine the scope of the study, the principle (principle) of selecting theoretical and experimental materials. Planning scientific and research work: - Select and justify the research method in accordance with the goal, problems and hypothesis (procedural method, method, tools). - Using the selected scientific methods, obtain new scientific information that proves the proposed, put forward hypothesis on the basis of research. - Conduct experimental tests. Conduct preliminary systematization of the obtained data. - Collect experimental test materials. - Generalize the data, compare with existing data, analyze and interpret them, determine what meaning they give.		

* prepared on the basis of the Procedure for the preparation, design and organization of the defense of a master's thesis, compiled by the master's department and approved by the vice-rector for academic affairs

3rd Semester

Summer/Winter Term 2025/2026

Module number KRS2305	Module name Enterprise Development Strategy	
Type of course Elective module	Semester / Rotation 3	Student capacity: 10
Teaching methods Lecture, practice, group work, etc.	Prerequisites for attendance None	Language Uzbek
Type of examination (Final Grade Composition) Read and analysis books and journal articles (30%) Individual/Group work presentation/essay (30%) Written exam/Test (40%), 60 minutes		ECTS (+Workload in hrs) 5 (60 contact hours in class + 90 hours of self-study (together 150hrs)
Module coordinator PhD Navruz-zoda Z.B.		Semester week hours: 4
Additional teacher involved: Prof. Abdulloev A.J.		
Syllabus The purpose of the subject “ Enterprise Development Strategy ” is to enable master’s students to thoroughly master the economics of the enterprise and to study in depth the many yet unexplored management strategies that contribute to enterprise development, as well as the processes that lead to progress in global development. The subject “ Enterprise Development Strategy ” plays an invaluable role in providing the knowledge necessary for understanding the essence of economic laws that arise in society, developing an informed attitude toward their functioning, and comprehending the essence and content of modern, innovative market-based strategies used by enterprises operating in a democratizing national economy.		
Results of Teaching the Subject (Competencies to be Formed) As a result of mastering the subject, the master's student: - will acquire the skills to deeply analyze the internal and external environment of an enterprise, identify strategic priority areas, and effectively allocate the resources necessary for development; - will develop the ability to analyze advanced strategic management models used in international practice and adapt them to the activities of local enterprises; - will gain the competence to develop strategic plans for the long-term sustainable development of the enterprise, set strategic goals, and design mechanisms for their implementation, as well as analyze global market trends, compare the experiences of international companies, and draw scientific and practical conclusions on developing the enterprise in accordance with international standards; - will acquire analytical thinking skills in improving the internal structure of the enterprise, managing human resources, making investment decisions, and increasing enterprise efficiency; - will gain the ability to conduct independent scientific research in the field of strategic management, develop scientifically grounded proposals and recommendations, and apply them in practice.		

Core readings:

- Barney J. B., Hesterly W. S. Strategic Management and Competitive Advantage. – Pearson, 2021.
- Porter M. Конкурентная стратегия. Методика анализа отраслей и конкурентов. – Moscow: Альпина, 2020.
- A.N.Xoliqulov, D.Q.Usmanova, X.A.Raximov. “Korxonalarini raqobatbardoshligini baholash “ Textbook – S: SaMISI, 2021.
- X.S. Asatullayev, B.O.Tursunov, M.A. Mamanazarov “Korxonalarini rivojlantirish strategiyasi” Textbook -T.: “Iqtisod-Moliya”, 2019.-524 b.

Module number BRIN2305	Module name Sustainable development innovations	
Type of course Elective module	Semester / Rotation 3	Student capacity: 10
Teaching methods Lecture, practice, group work, etc.	Prerequisites for attendance None	Language Uzbek
Type of examination (Final Grade Composition) Read and analysis books and journal articles (30%) Individual/Group work presentation/essay (30%) Written exam/Test (40%), 60 minutes		ECTS (+Workload in hrs) 5 (60 contact hours in class + 90 hours of self-study (together 150hrs)
Module coordinator Prof. Abdulloev A.J.		Semester week hours: 4
Additional teacher involved: PhD Navruz-zoda Z.B.		
Syllabus The purpose of the Sustainable development innovations is to equip master's students with advanced theoretical knowledge and practical competencies related to innovative approaches that support sustainable economic, social, and environmental development. The course aims to develop students' ability to analyze global sustainability challenges, explore innovative technologies and models that promote sustainable development, and apply these solutions in real-world policy, business, and community contexts. The task of the subject is to teach students to analyze sustainability challenges, evaluate innovative solutions, and develop practical skills for designing and implementing innovation-driven strategies that support sustainable economic, social, and environmental development.		
Results of Teaching the Subject (Competencies to be Formed) As a result of mastering the subject, the master's student: - understands the theoretical foundations of sustainable development, including environmental, social, and economic dimensions. - knows modern innovation trends such as green technologies, circular economy models, renewable energy systems, and digital sustainability tools. - analyzes sustainability challenges using scientific, technological, and socio-economic data and evaluates innovative solutions for addressing them. - uses innovation management and analytical methods to evaluate the feasibility and effectiveness of sustainable strategies. - develops strategic recommendations for sustainable development at organizational, sectoral, or national levels using evidence-based reasoning.		
Core readings: - "The Sustainable Development Goals Report 2024" by the United Nations Statistics Division (2024). - "Sustainable Innovation" by SpringerLink (2023). - "The Challenges of Innovating for Sustainable Development" by MIT Sloan Management Review (2023). - "Monitoring Sustainable Global Development Along Shared Socioeconomic Pathways" by Wan et al. (2023).		

Module number IT2305	Module name Industrial organizations	
Type of course Elective module	Semester / Rotation 3	Student capacity: 10
Teaching methods Lecture, practice, group work, etc.	Prerequisites for attendance None	Language Uzbek
Type of examination (Final Grade Composition) Read and analysis books and journal articles (30%) Individual/Group work presentation/essay (30%) Written exam/Test (40%), 60 minutes		ECTS (+Workload in hrs) 5 (60 contact hours in class + 90 hours of self-study (together 150hrs)
Module coordinator PhD Raxmatullaeva F.M.		Semester week hours: 4
Additional teacher involved: Prof. Abdulloev A.J.		
Syllabus The purpose of teaching Industrial organizations is to develop in students the knowledge, skills, and competencies necessary to understand why firms exist in the economic sphere of business, the competitive policies of firms, how markets function, how mergers occur, and how to study economic policies related to economic interdependence. The task of Industrial organizations is to teach students to analyze government actions based on firms' strategies and statistical data, to understand how firms compete, manage markets, design market structures, and to draw conclusions based on analyses of games and strategies, agreements, market structure, products, and price minimization.		
Results of Teaching the Subject (Competencies to be Formed) As a result of mastering the subject, the master's student: - understand the theoretical foundations of modern industrial economics and the operation and development of the firm; - know the neoclassical theory of the firm and its historical development; the firm's management and behavioral theories; and the structure of contracts between firms and employees, have knowledge of mergers, competition policy, and the theories of perfect competition and monopoly. - independently apply models and theories related to monopolistic or oligopolistic competition to practical tasks and analyze these tasks, independently use models of price and output (product) determination; - identify the need to further develop models and theories related to industrial economics, in particular issues connected with research and development, discuss game-theoretic models of oligopolistic competition.		
Core readings: - John Lipczynski, John O.S. Wilson and John Goddard. <i>Industrial Organization Competition, Strategy and Policy</i>. Fifth edition. Pearson Education Limited 2017 - <i>Modern Industrial Organization</i>. Fourth edition. Dennis W. Carlton, Jeffrey M. Perloff. Pearson Education Limited 2015, – 847 p. - <i>Industrial organization: contemporary theory and empirical applications</i> / Lynne Pepall, Dan Richards, George Norman. – Fifth edition. 2014. - Jean Tirole, <i>The Theory of Industrial Organization</i>, Cambridge, MA: The MIT Press, 1988.		

- Ortiqov A., Isakov M. *Industrial iqtisodiyot*. O'quv qo'llanma. T.: Iqtisodiyot, 2019 y., 242 b.

Module number LB2305	Module name Project Management		
Type of course Elective module	Semester / Rotation 3	Student capacity: 10	
Teaching methods Lecture, practice, group work, etc.	Prerequisites for attendance None	Language Uzbek	
Type of examination (Final Grade Composition) Read and analysis books and journal articles (30%) Individual/Group work presentation/essay (30%) Written exam/Test (40%), 60 minutes			ECTS (+Workload in hrs) 5 (60 contact hours in class + 90 hours of self-study (together 150 hrs)
Module coordinator PhD Navruz-Zoda L.B.			Semester week hours: 4
Additional teacher involved: PhD Zayavitdinova N.M.			
Syllabus The main purpose of the subject “Project Management” is to develop in students the knowledge, skills, and competencies needed to select optimal directions for financial investments, determine and ensure their effectiveness, and to organize the management of investment projects that play an important role in this process, using modern methods and approaches. The task of Project Management is to teach students how to properly estimate project costs, plan individual tasks and schedules, comply with established standards, minimize costs and risks while ensuring the required quality, analyze identified defects and schedule deviations, adjust the workflow to prevent future issues, understand the main models of software development processes and adapt them to current needs, forecast and plan project activities, manage risks and priorities, and evaluate project completion. The subject aims to equip students with the ability to draw conclusions based on such analyses.			
Results of Teaching the Subject (Competencies to be Formed) As a result of mastering the subject, the master's student: - will be able to deeply analyze the project life cycle, properly plan the project stages, and determine their interrelationship; - has practical skills in identifying, assessing, and managing risks, and develops strategies to reduce potential threats; - acquires the skills to manage project stakeholders, communicate effectively with them, and establish productive collaboration; - analyzes defects, delays, and deviations from the schedule identified during project monitoring and control, and develops proposals to eliminate them; - has the competence to evaluate project efficiency, analyze the economic foundations of investment projects, develop scientifically grounded project proposals, conduct independent scientific research on projects, and create solutions applicable in real practice.			
Core readings: - Управление проектами. / И. И. Мазур [и др.] ; под общ. ред. И. И. Мазура и В. Д. Шапиро. — 6е изд., стер. — М. : Издательство «ОмегаЛ», 2010. — 960 с. : ил.,табл. — (Современное бизнесобразование). - Белый Е. М. Управление проектами: учеб.-метод. комплекс. - Ульяновск : Ульян. гос. ун-т,			

2006. - 74 с.

- Васильева Л. Н. Моделирование микроэкономических процессов и систем: учебник. - М. : КНОРУС, 2009. - 391 с.
- Воропаев В. И. Управление проектами в России. Основные понятия. История. Достижения. Перспективы. - М. : Аланс, 1995. - 226 с.

Module number IO‘2305	Module name Economic growth		
Type of course Elective module		Semester / Rotation 3	Student capacity: 10
Teaching methods Lecture, practice, group work, etc.		Prerequisites for attendance None	Language Uzbek
Type of examination (Final Grade Composition) Read and analysis books and journal articles (30%) Individual/Group work presentation/essay (30%) Written exam/Test (40%), 60 minutes			ECTS (+Workload in hrs) 5 (60 contact hours in class + 90 hours of self-study (together 150hrs)
Module coordinator PhD Gafurova Sh.K.			Semester week hours: 4
Additional teacher involved: PhD Odinaeva N.F.			
Syllabus The purpose of teaching “Economic growth” is to provide students with the theoretical foundations of knowledge about economic growth, the key concepts of economic development, and economic laws and principles; to teach them to deeply analyze economic growth and development from a comparative perspective; to explain both theoretical and empirical approaches to economic growth; to teach economic growth models and how to use them; and to develop the ability to independently assess economic growth. The task of the Economic Growth course is to prepare students to deeply analyze economic processes based on theoretical and empirical models of economic growth, identify the factors that drive growth, and develop scientific and practical skills that enable them to independently assess economic growth.			
Results of Teaching the Subject (Competencies to be Formed) As a result of mastering the subject, the master's student: - will gain deep knowledge of the theoretical foundations of economic growth and modern growth models (the Solow model, endogenous growth models, innovation-based and technological development models), and will be able to apply them to real economic processes; - will develop skills in working with economic growth indicators and statistical data, assessing the level of economic growth, conducting analysis, and making comparisons; - will acquire the ability to study economic growth using empirical methods and econometric analysis, build regression models, interpret their results, and draw scientific conclusions; - will be able to analyze scientific literature on economic growth, compare different researchers’ approaches, and clearly present well-reasoned scientific opinions; - will be capable of independently collecting, processing, visualizing, and applying data related to economic growth in scientific research.			

Core readings:

- M.A.Mamatov. “Iqtisodiy o’sish”. Textbook. T-2021-384-p
- Abulkosimov X.P. Shakllanayotgan bozor iqtisodiyotida inson omili va uni faollashtirish yullari. T.: TMI publishing house, 2005. 225 p
- Valiev B.B. Iqtisodiy o’sishni ta’mindashda to’g’ridan-to’g’ri xorijiy investitsiyalardan samarali foydalanishning metodologik asoslari. Monograph. - T.: 2017.-222 b.
- Charles I. Jones and Dietrich Vollrath “Introduction to economic growth”. 3rd Edition. 2013 y.
- Sibabrata Das, Alex Mourmouras, Peter Rangazas. Economic growth and development. A dynamic dual economy approach. 2nd Edition. 2018 y. ISSN 2192-4333. Electronic ISSN 2192-4341

Module number SI2305	Module name Industrial Economics	
Type of course Elective module	Semester / Rotation 3	Student capacity: 10
Teaching methods Lecture, practice, group work, etc.	Prerequisites for attendance None	Language Uzbek
Type of examination (Final Grade Composition) Read and analysis books and journal articles (30%) Individual/Group work presentation/essay (30%) Written exam/Test (40%), 60 minutes		ECTS (+Workload in hrs) 5 (60 contact hours in class + 90 hours of self-study (together 150hrs)
Module coordinator PhD. Turdieva M.U.		Semester week hours: 4
Additional teacher involved: PhD Nurov Z.S.		
Syllabus The purpose of the Industrial Economics is to familiarize students with the economic mechanisms of industrial sectors, market principles, and the factors that determine the efficiency of enterprise activities, as well as to develop skills in strategic thinking, analysis, and justification of managerial decisions in the industrial sphere. The task of the Industrial Economics is to teach the structure and development patterns of industrial sectors, analyze the efficiency of industrial enterprises, assess the competitive environment and market structures, and develop practical skills related to modernization, innovation, and investment policy within the sectors.		
Results of teaching the subject (competencies to be formed) As a result of mastering the subject, the master's student: - will be able to deeply analyze the structure of industrial sectors, development patterns, production processes, and economic mechanisms, and apply them to real economic situations; - will acquire the skills to calculate and analyze the efficiency indicators of industrial enterprises (cost, profitability, labor productivity, resource utilization efficiency, etc.); - will develop analytical thinking regarding the competitive environment in industrial markets, market structures (monopoly, oligopoly, competitive market), pricing mechanisms, and firm behavior; - will be able to assess the economic foundations of modernization, technological renewal, digitalization, and innovation processes in industrial enterprises, and develop scientifically grounded proposals in these areas; - will independently conduct analysis and draw scientific-practical conclusions in areas such as investment policy, integration of industrial sectors, clustering processes, and state industrial policy;		

Core readings:

- Robert M. Grant. Contemporary Strategy Analysis. Text and Cases. Ninth Edition, ISBN 9781119120841 (pbk), 2016. 777 p.
- D.I.Ruzieya, Korxona iqtisodiyoti. Textbook 2022. T.: “Innovatsiyon rivojlanish nashriyot-matbaa uyi”, 2022-yil, 268-bet
- I.Xotamov, G.Madraximova. Sanoat iqtisodiyoti. Textbook. “Innovatsiyon rivojlanish nashriyot-matbaa uyi”, 2022-yil, 365 bet.
- A.A.Yadgarov, A.A.Kasimov. Sanoat iqtisodiyoti va strategiyasi. Textbook 2022.

Module number KTKS2305	Module name Human Resources Policy in Enterprises and Organizations: Modern Technologies		
Type of course Elective module		Semester / Rotation 3	Student capacity: 10
Teaching methods Lecture, practice, group work, etc.		Prerequisites for attendance None	Language Uzbek
Type of examination (Final Grade Composition) Read and analysis books and journal articles (30%) Individual/Group work presentation/essay (30%) Written exam/Test (40%), 60 minutes			ECTS (+Workload in hrs) 5 (60 contact hours in class + 90 hours of self-study (together 150 hrs)
Module coordinator Prof. Abdulloev A.			Semester week hours: 4
Additional teacher involved: PhD Navruz-zoda Z.B.			
Syllabus The main purpose of Human Resources Policy in Enterprises and Organizations: Modern Technologies is to enable master’s students to deeply master the modern principles of human resource management in enterprises and organizations, understand HR policy strategies, HR technologies, and digital management mechanisms, apply them in practice, and develop competencies for making strategic decisions in modern human resource management. The task of the Human Resources Policy in Enterprises and Organizations: Modern Technologies is to develop practical and analytical skills for managing personnel policy in enterprises and organizations based on modern HR technologies, effectively organizing the processes of employee selection, development, evaluation, and motivation.			
Results of teaching the subject (competencies to be formed) As a result of mastering the subject, the master's student: - deeply understands and is able to apply in practice the modern principles of human resource management in enterprises and organizations, HR strategies, digital management mechanisms, and innovative HR technologies; - acquires professional skills in effectively organizing the processes of employee selection, evaluation, development, retraining, motivation, and encouragement; - gains the ability to analyze personnel policy and managerial decisions, assess the impact of HR processes on organizational performance, and develop strategic solutions; - develops competence in improving human resource management through HR analytics, digitalization, automated management systems (HRM, ATS, LMS platforms), big data, and artificial intelligence; - gains practical skills in shaping corporate culture, developing leadership competencies, managing labor relations, and working effectively within a team.			
Core readings: - Abdurahmonova Gulnora , “Inson resurslarini boshqarish” Darslik. – T.: Fan Publishing house, 2021 – 240-280 b. - Abdurahmonov Q.X., Xolmo’minov Sh.R., Akbarov A.M. Xodimlarni boshqarish. Textbook. – T.: zbekistan Writers’ Union, Literature Fund Publishing House, 2005 – 240 b.			

- Azlarova M.M. Inson resurslarini boshqarish. Textbook.- Toshkent – Iqtisodiyot – 2019
- "Artificial Intelligence, VR, AR and Metaverse Technologies for Human Resources Management" by Omer Aydin, Enis Karaarslan, and Nida Gokce Narin (2024).
- "Transformative AI in Human Resource Management" by Muhammad Ali and Muhammad Asif (2024).
- "HR Technology Trends 2024: A Glimpse into the Future of Workforce Management" by John Smith (2024).

Module number RS2305	Module name Competition Strategy		
Type of course Elective module	Semester / Rotation 3	Student capacity: 10	
Teaching methods Lecture, practice, group work, etc.	Prerequisites for attendance None	Language Uzbek	
Type of examination (Final Grade Composition) Read and analysis books and journal articles (30%) Individual/Group work presentation/essay (30%) Written exam/Test (40%), 60 minutes			ECTS (+Workload in hrs) 5 (60 contact hours in class + 90 hours of self-study (together 150hrs)
Module coordinator PhD Rahmatullaeva F.M.			Semester week hours: 4
Additional teacher involved: PhD Navruz-zoda Z.B.			
Syllabus The purpose of teaching Competition Strategy is to develop in students the knowledge, skills, and competencies necessary to study both the theoretical and practical aspects of traditional methods of competitiveness strategy, opportunities and sustainability, and modern models of competitive games theory. The task of Competition Strategy is to teach students how to conduct strategic analysis, develop and implement business policy, and draw conclusions regarding management decisions and actions that determine long-term competitiveness.			
Results of teaching the subject (competencies to be formed) As a result of mastering the subject, the master's student: - will be able to conduct strategic analysis of competition, develop and implement business policy, and form management decisions and actions that determine the organization's long-term competitiveness. This course enables students to activate and apply the knowledge gained in previous courses and to understand the key features of practical application, as well as the behavioral rules of firms in this field; - will acquire the essential skills needed to develop an effective competitive strategy — namely, conceptual and analytical skills — through analyzing case studies and forecasting practical situations; - must gain clear competencies regarding competitive strategy: studying the competitive position of firms, analyzing and evaluating firm strategies, and describing the dynamics of competition through quantitative and qualitative indicators, including market entry and exit.			

Core readings:

- Besanko, Dranove, Shanley and Schaefer. Economics of strategy. (Wiley) The 7 th edition. John Wiley and sons. Inc.2016.
- М.Porter. Конкурентная стратегия. Методика анализа отраслей и конкурентов. -М.: Альпина-бизнес, 2017.
- М.Porter Международная конкуренция: Конкурентное преимущество стран. - М.: Альпина-паблишер, 2017. 947 p.
- “Competitive Strategy: Techniques for Analyzing Industries and Competitors” by Michael E. Porter (Reprinted 1998)
- Robert M. Grant. Contemporary Strategy Analysis. Text and Cases. Ninth Edition, ISBN 9781119120841 (pbk), 2016. 777 p.

Scientific-Pedagogical Work and Qualification Practice *		
Language Uzbek	Semester / Rotation 3	ECTS (+Workload in hrs) 5 ECTS
Coordinator: a supervisor with an academic degree from the department assigned to a master student		
Type of examination (Final Grade Composition) a written report on the scientific-pedagogical work		
Master student should study regulatory documents on the organization of independent work and prepare independent work assignments in the selected academic subject: 1. To obtain information about the role of independent work in improving students' knowledge. 2. To study the forms of preparation of independent work and the requirements for them. 3. To master the methods of organizing independent learning. 4. To study the methodology of accepting independent work. 5. To study the methodology of evaluating independent work. 6. To summarize the practical results of organizing independent learning.		

** prepared on the basis of the schedule approved by the head of the magistracy department*

Research Work and Preparation and Defense of the Master's Thesis *		
Language Uzbek	Semester / Rotation 3	ECTS (+Workload in hrs) 5
Coordinator: a supervisor with an academic degree from the department assigned to a master student		
Type of examination (Final Grade Composition) a written report on the preparation and writing of a master's thesis		
Master's thesis is a scientific research work carried out by a master's student based on the theoretical and practical knowledge he acquired during his master's studies, general research methods, empirical and theoretical research methods (abstraction, analysis and synthesis, induction and deduction), the product of informed processes of knowledge and creativity, measurements in the research process, modeling and calculation experience of processes and objects. Planning scientific and research work: - Check the obtained information (results) for their novelty, objectivity and clarity, reliability and integrity. (In this case, the use of mathematical statistical methods). - Deciding that the analysis of data and results is complete. - Recognizing the main part of the work as completed). - Additional collection and selection (sorting) of data. - Writing the main part of the dissertation. - Re-checking the completion of each part (section) of the work and the reliability of the evidence in the entire volume of work. - Formulating conclusions and proposals. - Explaining the existence and solution of the problem posed. - Developing recommendations on the practical significance of the results and the use of the results obtained. - Writing a conclusion. - Comparing the hypothesis put forward with the conclusions obtained. - Defining the purpose, determining the main issues and their correspondence to the conclusions. - Writing an introduction to the dissertation work.		

* prepared on the basis of the Procedure for the preparation, design and organization of the defense of a master's thesis, compiled by the master's department and approved by the vice-rector for academic affairs

4 Semester

Winter/Summer Term 2025/2026

Scientific pedagogical work and qualification
practice

Scientific research work, preparation and defense of
master's thesis

Scientific-Pedagogical Work and Qualification Practice *		
Language Uzbek	Semester / Rotation 4	ECTS (+Workload in hrs) 5 ECTS
Coordinator: a supervisor with an academic degree from the department assigned to a master student		
Type of examination (Final Grade Composition) a written report on the scientific-pedagogical work		
Master student should prepare for practical and laboratory exercises (in paper and electronic form): 1. Study subjects taught at the department of Economics. 2. Specialize in subjects in the bachelor Economics and create special developments. 3. Learn to prepare seminar classes for the subject of Economics. Master student should conduct spiritual and educational work in groups in the field of undergraduate education. Also organize events at the faculty and at student's campus: 1. Master the methodology of drawing up a plan for spiritual and educational work. 2. Participate in organizing an information hour in the 2nd and 4th weeks of each month in the different groups of the bachelor Economics. 3. Develop a scenario for planning events dedicated to historical dates and historical figures and gain experience in organizing them. 4. Participate in events held at the student's campus.		

** prepared on the basis of the schedule approved by the head of the magistracy department*

Research Work and Preparation and Defense of the Master's Thesis *		
Language Uzbek	Semester / Rotation 4	ECTS (+Workload in hrs) 25
Coordinator: a supervisor with an academic degree from the department assigned to a master student		
Type of examination (Final Grade Composition) a written report on the preparation and writing of a master's thesis		
Master's thesis is a scientific research work carried out by a master's student based on the theoretical and practical knowledge he acquired during his master's studies, general research methods, empirical and theoretical research methods (abstraction, analysis and synthesis, induction and deduction), the product of informed processes of knowledge and creativity, measurements in the research process, modeling and calculation experience of processes and objects. Formalization of the results of scientific and research work: - Preparing the first draft of the thesis. - Presenting the thesis to the supervisor. - Revising the thesis, taking into account the supervisor's comments and suggestions, and making relevant additions and changes to the thesis. - Filing the thesis in accordance with the requirements. Submitting a Master's Thesis for Defense: - Prepare an annotation for the dissertation. - Get 2 (internal and external) reviews of the dissertation. - Get a review of the dissertation by the scientific supervisor. - Get permission from the head of the department to defend the dissertation. - Prepare a maximum of 20-minute lecture and research materials (slides). - Pass the initial defense of the dissertation at the department. - Include the necessary parts of the proposals and recommendations given at the initial defense in the dissertation. - Prepare and submit the relevant documents for the official defense speech at the defense of a dissertation.		

* prepared on the basis of the Procedure for the preparation, design and organization of the defense of a master's thesis, compiled by the master's department and approved by the vice-rector for academic affairs