Discipline designation	**Development of The Organic World and Anthropology**
Semester(s)	3
Responcible teacher	Ortiqova Lola Soatovna, Doctor of Philosophy (PhD) in Agricultural Sciences, Associate Professor
Language of teaching/learning	Uzbek
Connection to the curriculum	Compulsory
Academic workload (including contact hours and self-study)	Total workload: 150 h Contact hours – Lecture 30 h Practical lessons 30 h. Self study of masters 90 h.
ECTS	5
Prerequisites	Botany, Zoology, Human ANATOMY and Physiology, Fundamentals of Genetics and Selection, Evolutionary Theory
Discipline objectives / learning outcomes	**Goals and objectives** The purpose of the discipline is to develop knowledge, skills and abilities about the organic world and the history of the development of anthropology, the origin of living organisms on Earth and their role in nature, the formation of human society. **Learning outcomes:** classify information about the laws of development of the organic world, phylogeny of plants, animals, fungi, bacteria; - use knowledge on the development of the organic world in their teaching activities; - report on the development of the organic world; - use hypotheses and experiments in finding solutions to problems arising in connection with the phylogeny of the organic world; - analyze sources to solve existing problems; - evaluate views on the development of the organic world; - choose a communicatively acceptable teaching style; - use convenient ways to discuss problems of human origin; - solve problems related to the development of the organic world and anthropology; - determine a person's position in the taxonomy and, based on this, draw up a graph and convey it to masters; - compare anthropology sources; -classify the relationships and origins of living organisms; -solve cause-and-effect natural phenomena; - calculate data statistically; - create a knowledge system capable of bringing events and phenomena to a common denominator and generalizing.
Contents of classes	1. Goals and objectives of science about the emergence and development of the organic world, research methods. 2. Life and its origin. 3. Classification of the organic world. 4. Cellular organisms: prokaryotes and eukaryotes. 5. Phylogeny and origin of low- and high-spore plants. 6. Seed plants. Their phylogeny and origin. 7. The kingdom of mushrooms

	8. Animal Kingdom. Phylogeny of invertebrates. 9. Chordates, their phylogeny and origin. 10. Vertebrates, their phylogeny and origin. 11. Goals and objectives of anthropology, anthropogenesis, ethnogenesis. History of the development of anthropology. 12. Bones of fossil monkeys and their description. 13. Human ecology. Adaptive types of humans. 14. General idea of races. The emergence of races. 15. Types of marriages of primitive people.
The exam format	oral
Requirements for education and exams	When creating final exam questions, deviations from the content of the discipline program are not allowed. The bank of final exam questions for each discipline is discussed at the meeting and approved by the head of the department When compiling final exam tickets, the final exam question bank is used; the number of questions in the ticket should be in a 50/50 ratio, depending on the content of classroom and independent learning. The master who has chosen the final exam ticket is given 5-10 minutes to prepare and 10-15 minutes to answer final exam questions orally. On average, 20 minutes are spent per master. When forming the composition of the oral examination commission, 1 commission member is approved for every 15 masters. The master's final exam grade is posted on the electronic platform on the same day. Master(s) who are dissatisfied with the final exam results may submit a written or oral appeal within 24 hours of the publication of the final exam results. Complaints submitted after 24 hours from the publication of the final exam results will not be accepted. The teacher who taught the masters in this discipline is not involved in the process of conducting the exam and checking the masters' answers.
Bibliography	1. By Roland W. Scholz. Environmental Literacy in Science and Society: From Knowledge to Decisions. New York, USA, 2011; Hardback, 631 pp. 2. Андреев И.Ш., Л.С. Родман. – Ботаника. М. Учебник для с/х институтов. “Колос” 2003. 3. Dadayev S., Saparov Q. Zoologiya. “Iqtisod- moliya” Toshkent 2008. 4. Долгачева В.С. Ботаника М. Учебник для пед. институтов. Академия 2003. 5. Laxanov J.L. – Umurtqalilar zoologiyasi.. Oliy o‘quv yurtlari uchun darslik. T. 2005 6. Mavlonov. O.M. Toshmanov. N.J. Sanayev L.Sh. Zoologiya (Umurtqasiz hayvonlar) “Voris - nashriyoti” Toshkent 2013. 7. A.T. G‘ofurov. Organik olamning rivojlanishi va antropologiya 1-qism. Toshkent 2016. 8. To‘xtayev A.S. “O‘simliklar anatomiyasi va morfologiyasi”-T. “TDPU” 2001. 9. Шарова И.Х. “Зоология беспозвоночных”. Учебник для вузов. М. Владос. 2002. 10. Хомутов А.Э.. Антропология. Высшее образование. Ростов на Дону. Феникс. 2003 11. Харитонов В.М., Ожогова А.П., Година И. З., Хрисанфова Ё. Н., Басевич В.А. Антропология. М. Владос. 2003.
Scope of assessment criteria and procedure	**CURRENT CONTROL** **Purpose:** Determining and assessing the master's level of knowledge, practical skills, and competencies on course topics. **Instructions:** The master's activity in daily classes is assessed through the

	master's mastery of course topics, as well as constructively interpreting and analyzing the educational material, developing module-specific skills, acquiring practical skills (in terms of quality and the specified number) and competencies, solving problem situations aimed at applying professional practical skills, working in a team, preparing presentations, etc. **Current control form:** Activity in lessons Preparing educational materials Working with sources within the subject Using educational technologies Working in a team Preparing presentations Working with projects **INTERMEDIATE CONTROL** **Purpose:** Assessing the master's knowledge and practical skills and level of mastery of lecture material after completing the relevant section of the course. **Form and procedure of intermediate control:** Midterm examination is held during the semester during the training sessions after the completion of the relevant module of the curriculum of the subject. Midterm examination is held once in written form within the framework of this subject. Midterm examination questions cover all topics of the subject. **Independent learning:** **Purpose:** Independent learning is aimed at fully covering the content of this course, expanding the theoretical knowledge acquired, and establishing independent learning activities for masters. **Form and procedure of independent education:** ndependent work assignments are completed in the form of an educational project, presentation, case study, problem solving, information search, digest, colloquium, essay, article, abstract, etc. Completed assignments for independent study are placed in the electronic system and checked based on the anti-plagiarism program and evaluated by the subject teacher. In this case, the uniqueness of the completed assignment should not be less than 60%, otherwise the assignment will not be accepted for assessment. The number of independent work assignments, depending on the nature of the subject, should not be less than 3 for one subject (module). Independent work assignments account for 60% of the points allocated for current and intermediate control. Independent learning task 1: Preparation of project work based on independent learning topics Independent learning task 2: Preparing sample video lessons based on specialized subject topics. Independent learning task 3: Preparation of open lesson plans in specialized subjects using interactive methods. Independent learning task 4: Analysis of educational normative documents for specialized subjects and preparation of presentations. **FINAL CONTROL** **Purpose:** The final examination is held at the end of the semester to determine the level of mastery of the master's theoretical knowledge and practical skills in the relevant subject. The final examination is held at a specified time according to the examination schedule created by the Registrar's Office on the electronic platform. **Requirements:** The master must have passed the current control,

intermediate control and independent learning assignments by the deadline for the final control type in the relevant subject.

A master who has not passed the current control, intermediate control and independent learning assignments, as well as who has received a score in the range of "0-29.9" for these assignments and control types, is not included in the final control type.

Also, a master who has missed 25 percent or more of the classroom hours allocated to a subject without a reason is excluded from this subject and is not included in the final control type and is considered not to have mastered the relevant credits in this subject.

A master who has not passed or was not included in the final control type and has received a score in the range of "0-29.9" for this type of control is considered to be an academic debtor.

Final control form: The final examination in this subject will be conducted in written form.

If the final examination is conducted in written form, the requirements for assessment must also be reflected.

Criteria for assessing master knowledge

5 stars	**100 points**		**Evaluation criteria**
5	90-100	Excel lent	When a master is considered to be able to make independent conclusions and decisions, think creatively, observe independently, apply the knowledge he has gained in practice, understand, know, express, and narrate the essence of the subject (subject), and have an idea about the subject (subject)
4	70-89,9	Good	When the master is considered to be able to observe independently, apply the knowledge he has gained in practice, understand, know, express, and narrate the essence of the subject (subject), and has an idea about the subject (subject)
3	60-69,9	Satisfactory	When the master is found to be able to apply the knowledge he has gained in practice, understands, knows, can express, and narrate the essence of the subject (subject), and has an idea about the subject (subject)
2	0-59,9	Unsatisfactory	When it is determined that the master has not mastered the science program, does not understand the essence of the science (subject), and does not have an idea about the science (subject)

Course evaluation criteria and procedure

Control type	**Total points allocated**	**Control (task) form**	**Distribution of points**	**Qualifying score**
Current control	30 points	System tasks	20 points (divided by the number of tasks)	18 points

			Master activity (in seminars, practical, laboratory classes)	10 points	
	Intermediate control	20 points	Supervision: Written work	10 points	12 points
			System tasks	10 points (divided by the number of tasks)	
	Final inspection	50 points	Written assignment (5 questions)	50 points (10 points per question)	30 points
	**** Note:** 60% of the points allocated for current and intermediate control are allocated to independent work assignments. Independent work assignments are evaluated as system assignments through the electronic platform.*				