



- 4) the history of humanity, from the origin of our species to the industrial revolution;
- 5) *Modernity*: We have now arrived at one of the most dynamically changing periods ever seen in human history - our own times. This module will explore how the agrarian era that had lasted for 10,000 years transitioned to the modern era with its explosion of production and complexity. We will explore modern history, political science, and economics;
- 6) *The Future*: We've looked far into the deep past, now is the time to take what we've learned and look ahead. In this module we will explore the near and distant future, what challenges we face this century, how we study the future on the scale of billions of years, and where complexity may go from here. The section incorporates climatology, cosmology, physics, and foresight.

### 3. Learning Outcomes

A student taking the course

- will orient he/she-self in variety of conceptual approaches to the phenomena of the natural and social history, will understand their interconnections;
- will own the methods of revealing and analysis of scientific narratives.

### 4. Course Plan

Course Sections	Academic hours		Planned Results of Education	Forms of Control
<b>Section 1. Big History, Critical Thinking, &amp; Transdisciplinarity:</b> - What is the Big History? - What is the relationship between historical & scientific explanation? - How do we decide what to believe? - How did our Universe get more complex?	Lect.	-	A student orients he/she-self in variety of conceptual approaches to the phenomena of the natural and social history, their interconnections	Reading class, participation in discussion, seminar report
	Sem.	2		
	Ind.W.	19		
<b>Section 2. The Universe, Stars, and Planets:</b> - What is the observable evidence for the Big Bang? - How do we know how stars form? - Where did the elements come from? - What is the periodic table? - How did the solar system form? - What is our Earth's history and how do we know it?	Lect.	-	A student owns conceptual framework of the contemporary cosmology and astrophysics	Participation in discussion, a seminar report
	Sem.	4		
	Ind.W.	20		
<b>Section 3. The Evolutionary Epic:</b> - Where did life come from? - How do we get dates for Earth's history? - How does evolution work? - How do palaeontologists study the history of life? - Why did our ancestors evolve such unusual abilities?	Lect.	-	A student owns the basic concepts of the evolutionary biology, knows the main stages of biological history	Participation in discussion, a seminar report
	Sem.	2		
	Ind.W.	20		
<b>Section 4. Human History:</b> - How did people live in the Palaeolithic? - Where did writing come from? - Reading Hieroglyphs - What were the Silk Roads? - What were the main changes in agrarian civilizations?	Lect.	-	A student knows the main stages of the human history	"Control points" of online course
	Sem.	-		
	Ind.W.	15		
<b>Section 5. Modernity:</b>	Lect.	-	A student understands the	"Control points"

- What was the Industrial Revolution? - How did Modernity evolve after the Industrial Revolution? - How far can globalization go? - Why is the world economy so integrated?	Sem.	-	key social, economic, and political aspects of the modernity	of online course
	Ind.W.	15		
<b>Section 6. The Future:</b> - How is our climate changing and what does this mean for our future? - Why is the future of the Universe easier to study than the future of humanity? - What have we learned from the Big History story?	Lect.	-	A student prepares, presents and discuss an essay on most problems of contemporary futurology	Presentation of an essay
	Sem.	2		
	Ind.W.	15		
	Lectures	-		
	Seminars	<b>10</b>		
	Independent work of students	<b>104</b>		
<b>Total:</b>	<b>114</b>			

## 5. Reading List

### c) Required

### d) Optional

## 6. Grading System

Current control in the course “Memory Study” includes the following elements: 1) passing the control point: written preparation and presentation at the seminar of an essay or of the project of a research or the project of a form of commemoration; 2) activity at the seminar: participation in reading class or in discussion; 4) independent work: a report at the seminar on a given topic, study of the bibliography, preparation to seminars and to exam.

Intermediate certification in the course is carried out in the form of an exam. The examination is carried out orally with a preliminary writing of the answer. The exam is conducted on tickets, each of which has 2 questions (the list of exam questions see below).

Exam is the blocking element of the control. The retake of the exam is carried out in accordance with the Regulation on the organization of intermediate certification and the current control of knowledge of students at the Higher School of Economics.

Assessment by the course ( $A_c$ ) is defined as the weighted sum of assessments for all types of control and is calculated by the following formula:

$$A_c = 0,2_{\text{contr.point}} + 0,3_{\text{sem.}} + 0,1_{\text{ind.w.}} + 0,4_{\text{exam}}$$

The method of rounding the assessments is arithmetic.

*Criteria for evaluating a control work (essay/project of a research/project of a form of commemoration):*

A student must complete a written work (essay/project of a research/project of a form of commemoration) and submit its result for discussion at the seminar (7-10 minutes). For a positive assessment, the student is required to: demonstrate familiarity with the necessary and sufficient amount of scientific literature; the completeness of the answer, the ability to analyze, argue, the originality of his/her approach.

*Criteria for evaluating of the independent work: report on a given topic:*

- Originality of the report, the formulation of a new aspect of the well-known problem in establishing new relationships (interdisciplinary, intradisciplinary, integration);

- ability to work with research, critical literature, systematize and structure the material;

The degree of disclosure of the essence of the issue:

a) the relevance of the plan to the theme;

b) compliance of the content with the theme and plan;

c) the completeness and depth of knowledge on the topic;

d) the validity of working methods with the material;

e) the ability to generalize, draw conclusions, compare different points of view on one issue.

- Justification of the choice of sources, assessment of the literature used: are the most famous works on the topic of research;

- compliance with presentation requirements, report literacy;

- completeness and quality of answers to questions.

*Seminar evaluating criteria:*

Attendance at seminars (at least 80%; if the seminar is missed, it is possible to work out in the form of an interview during the hours of a teacher's consultation).

Quality of answers: participation in discussions (speeches, additions), presentation of reports, questions to speakers, answers to questions, reviews. Evaluation is set depending on: completeness and originality; use of sources and literature; originality and quality of issues; independence of conclusions; logical and substantial correctness of argumentation during.

In the event that a student goes to the exam with an accumulated score of at least 8 points, he/she has the right to a "semiautomatic" form of exam: such student can prepare in advance on any two of the exam questions and pass the exam in the form of an interview.

*Exam Assessment Criteria:*

On the exam, the student must demonstrate general knowledge throughout the course and the ability to generalize the material. The exam takes 40 minutes to prepare for an oral answer to two questions in writing. The completeness of the answer, knowledge of names and terms, understanding of theoretical and empirical problems and concepts, the ability to give typical examples will be assessed.

To get 10, 9 or 8 points (excellent mark), the student must demonstrate general knowledge throughout the course, including familiarity with the main scientific works on the topic, the ability to compare theoretical models, analyze conceptual material, to identify the philosophical and historical background in concrete historical texts, both academic and journalistic.

7 and 6 points (rating "good") are set if there are minor flaws and inaccuracies in the answer, if the student was not able to fully cover secondary aspects of the topic.

5 and 4 points (the rating is "satisfactory") is set if the student has demonstrated sufficient minimum knowledge on the topic, but could not answer / answered with errors, shortcomings to the questions of the examiner.

3, 2 and 1 points (rating "unsatisfactory") are given if the answer does not contain sufficient minimum knowledge on the topic, does not reveal the topic, is accompanied by gross errors and shortcomings. A rating of "0" can be used as a sign of a student's disciplinary offense (cheating or other violation of academic standards).

## **7. Examination Type**

The exam takes 40 minutes to prepare for an oral answer to two questions in writing. The completeness of the answer, knowledge of names and terms, understanding of theoretical and empirical problems and concepts, the ability to give typical examples will be assessed.

*The list of the exam questions:*

### **8. Methods of Instruction**

Lectures, study of literature on the topics, reading classes, discussions on the seminars.

Independent work: preparation and presentation at the seminar for the further discussion – by choice – a) an essay, or b) a plan of research work, c) a memorial project.

### **9. Special Equipment and Software Support (if required)**

<b>№</b>	<b>Title</b>	<b>Access / Download Terms</b>
	Windows 10 and MicrosoftOffice	<i>a license agreement</i>