AP Human Geography

Syllabus Checklist · 大纲自查表

Tick one box per statement: ☐ not yet ☐ nearly ☐ confident. 每条打一个勾：尚未掌握 / 快会了 / 有把握。

1. Thinking Geographically 地理思维

1.1 Introduction to Maps 地图导论

☐☐☐ Identify types of maps, the types of information presented in maps, and different kinds of spatial patterns and relationships portrayed in maps.

1.2 Geographic Data 地理数据

☐☐☐ Identify different methods of geographic data collection.

1.3 The Power of Geographic Data 地理数据的力量

☐☐☐ Explain the geographical effects of decisions made using geographical information.

1.4 Spatial Concepts 空间概念

☐☐☐ Define major geographic concepts that illustrate spatial relationships.

1.5 Human-Environmental Interaction 人类与环境的相互作用

☐☐☐ Explain how major geographic concepts illustrate spatial relationships.

1.6 Scales of Analysis 分析尺度

☐☐☐ Define scales of analysis used by geographers.

☐☐☐ Explain what scales of analysis reveal.

1.7 Regional Analysis 区域分析

☐☐☐ Describe different ways that geographers define regions.

2. Population and Migration Patterns and Processes 人口与迁移的格局与过程

2.1 Population Distribution 人口分布

☐☐☐ Identify the factors that influence the distribution of human populations at different scales.

☐☐☐ Define methods geographers use to calculate population density.

☐☐☐ Explain the differences between and the impact of methods used to calculate population density.

2.2 Consequences of Population Distribution 人口分布的影响

☐☐☐ Explain how population distribution and density affect society and the environment.

2.3 Population Composition 人口构成

☐☐☐ Describe elements of population composition used by geographers.

☐☐☐ Explain ways that geographers depict and analyze population composition.

2.4 Population Dynamics 人口动态

☐☐☐ Explain factors that account for contemporary and historical trends in population growth and decline.

2.5 The Demographic Transition Model 人口转变模型

☐☐☐ Explain theories of population growth and decline.

2.6 Malthusian Theory 马尔萨斯理论

☐☐☐ Explain theories of population growth and decline.

2.7 Population Policies 人口政策

☐☐☐ Explain the intent and effects of various population and immigration policies on population size and composition.

2.8 Women and Demographic Change 妇女与人口变化

☐☐☐ Explain how the changing role of females has demographic consequences in different parts of the world.

2.9 Aging Populations 人口老龄化

☐☐☐ Explain the causes and consequences of an aging population.

2.10 Causes of Migration 迁移的原因

☐☐☐ Explain how different causal factors encourage migration.

2.11 Forced and Voluntary Migration 被迫迁移与自愿迁移

☐☐☐ Describe types of forced and voluntary migration.

2.12 Effects of Migration 迁移的影响

☐☐☐ Explain historical and contemporary geographic effects of migration.

3. Cultural Patterns and Processes 文化的格局与过程

3.1 Introduction to Culture 文化导论

☐☐☐ Define the characteristics, attitudes, and traits that influence geographers when they study culture.

3.2 Cultural Landscapes 文化景观

☐☐☐ Describe the characteristics of cultural landscapes.

☐☐☐ Explain how landscape features and land and resource use reflect cultural beliefs and identities.

3.3 Cultural Patterns 文化格局

☐☐☐ Explain patterns and landscapes of language, religion, ethnicity, and gender.

3.4 Types of Diffusion 扩散的类型

☐☐☐ Define the types of diffusion.

3.5 Historical Causes of Diffusion 扩散的历史原因

☐☐☐ Explain how historical processes impact current cultural patterns.

3.6 Contemporary Causes of Diffusion 扩散的当代原因

☐☐☐ Explain how historical processes impact current cultural patterns.

3.7 Diffusion of Religion and Language 宗教与语言的扩散

☐☐☐ Explain what factors lead to the diffusion of universalizing and ethnic religions.

3.8 Effects of Diffusion 扩散的影响

☐☐☐ Explain how the process of diffusion results in changes to the cultural landscape.

4. Political Patterns and Processes 政治的格局与过程

4.1 Introduction to Political Geography 政治地理学导论

☐☐☐ For world political maps: a. Define the different types of political entities. b. Identify a contemporary example of political entities.

4.2 Political Processes 政治过程

☐☐☐ Explain the processes that have shaped contemporary political geography.

4.3 Political Power and Territoriality 政治权力与领域性

☐☐☐ Describe the concepts of political power and territoriality as used by geographers.

4.4 Defining Political Boundaries 政治边界的界定

☐☐☐ Define types of political boundaries used by geographers.

4.5 The Function of Political Boundaries 政治边界的功能

☐☐☐ Explain the nature and function of international and internal boundaries.

4.6 Internal Boundaries 内部边界

☐☐☐ Explain the nature and function of international and internal boundaries.

4.7 Forms of Governance 治理形式

☐☐☐ Define federal and unitary states.

☐☐☐ Explain how federal and unitary states affect spatial organization.

4.8 Defining Devolutionary Factors 权力下放因素的界定

☐☐☐ Define factors that lead to the devolution of states.

4.9 Challenges to Sovereignty 对主权的挑战

☐☐☐ Explain how political, economic, cultural, and technological changes challenge state sovereignty.

4.10 Consequences of Centrifugal and Centripetal Forces 离心力与向心力的影响

☐☐☐ Explain how the concepts of centrifugal and centripetal forces apply at the state scale.

5. Agriculture and Rural Land-Use Patterns and Processes

农业与乡村土地利用的格局与过程

5.1 Introduction to Agriculture 农业导论

☐☐☐ Explain the connection between physical geography and agricultural practices.

5.2 Settlement Patterns and Survey Methods 聚落格局与测量方法

☐☐☐ Identify different rural settlement patterns and methods of surveying rural settlements.

5.3 Agricultural Origins and Diffusions 农业的起源与扩散

☐☐☐ Identify major centers of domestication of plants and animals.

☐☐☐ Explain how plants and animals diffused globally.

5.4 The Second Agricultural Revolution 第二次农业革命

☐☐☐ Explain the advances and impacts of the second agricultural revolution.

5.5 The Green Revolution 绿色革命

☐☐☐ Explain the consequences of the Green Revolution on food supply and the environment in the developing world.

5.6 Agricultural Production Regions 农业生产区域

☐☐☐ Explain how economic forces influence agricultural practices.

5.7 Spatial Organization of Agriculture 农业的空间组织

☐☐☐ Explain how economic forces influence agricultural practices.

5.8 Von Thünen Model 冯 · 杜能模型

☐☐☐ Describe how the von Thünen model is used to explain patterns of agricultural production at various scales.

5.9 The Global System of Agriculture 全球农业系统

☐☐☐ Explain the interdependence among regions of agricultural production and consumption.

5.10 Consequences of Agricultural Practices 农业实践的影响

☐☐☐ Explain how agricultural practices have environmental and societal consequences.

5.11 Challenges of Contemporary Agriculture 当代农业的挑战

☐☐☐ Explain challenges and debates related to the changing nature of contemporary agriculture and food-production practices.

5.12 Women in Agriculture 农业中的妇女

☐☐☐ Explain geographic variations in female roles in food production and consumption.

6. Cities and Urban Land-Use Patterns and Processes

城市与城市土地利用的格局与过程

6.1 The Origin and Influences of Urbanization 城市化的起源与影响因素

☐☐☐ Explain the processes that initiate and drive urbanization and suburbanization.

6.2 Cities Across the World 世界各地的城市

☐☐☐ Explain the processes that initiate and drive urbanization and suburbanization.

6.3 Cities and Globalization 城市与全球化

☐☐☐ Explain how cities embody processes of globalization.

6.4 The Size and Distribution of Cities 城市的规模与分布

☐☐☐ Identify the different urban concepts such as hierarchy, interdependence, relative size, and spacing that are useful for explaining the distribution, size, and interaction of cities.

6.5 The Internal Structure of Cities 城市的内部结构

☐☐☐ Explain the internal structure of cities using various models and theories.

6.6 Density and Land Use 密度与土地利用

☐☐☐ Explain how low-, medium-, and high-density housing characteristics represent different patterns of residential land use.

6.7 Infrastructure 基础设施

☐☐☐ Explain how a city's infrastructure relates to local politics, society, and the environment.

6.8 Urban Sustainability 城市可持续性

☐☐☐ Identify the different urban design initiatives and practices.

☐☐☐ Explain the effects of different urban design initiatives and practices.

6.9 Urban Data 城市数据

☐☐☐ Explain how qualitative and quantitative data are used to show the causes and effects of geographic change within urban areas.

6.10 Challenges of Urban Changes 城市变化的挑战

☐☐☐ Explain causes and effects of geographic change within urban areas.

6.11 Challenges of Urban Sustainability 城市可持续性的挑战

☐☐☐ Describe the effectiveness of different attempts to address urban sustainability challenges.

7. Industrial and Economic Development Patterns and Processes

工业与经济发展的格局与过程

7.1 The Industrial Revolution 工业革命

☐☐☐ Explain how the Industrial Revolution facilitated the growth and diffusion of industrialization.

7.2 Economic Sectors and Patterns 经济部门与格局

☐☐☐ Explain the spatial patterns of industrial production and development.

7.3 Measures of Development 发展的衡量指标

☐☐☐ Describe social and economic measures of development.

7.4 Women and Economic Development 妇女与经济发展

☐☐☐ Explain how and to what extent changes in economic development have contributed to gender parity.

7.5 Theories of Development 发展理论

☐☐☐ Explain different theories of economic and social development.

7.6 Trade and the World Economy 贸易与世界经济

☐☐☐ Explain causes and geographic consequences of recent economic changes such as the increase in international trade, deindustrialization, and growing interdependence in the world economy.

7.7 Changes as a Result of the World Economy 世界经济带来的变化

☐☐☐ Explain causes and geographic consequences of recent economic changes such as the increase in international trade, deindustrialization, and growing interdependence in the world economy.

7.8 Sustainable Development 可持续发展

☐☐☐ Explain how sustainability principles relate to and impact industrialization and spatial development.