

AP BIOLOGY - JIYOON

#	KST	LECTURE
1	2025. 12. 22	Gene expression & regulation I - DNA structure - Transcription (initiation, elongation, termination) - RNA processing (splicing, 5'cap, poly-A tail) - Translation (role of ribosomes, tRNAs, codons)
2	2025. 12. 23	Gene expression & regulation II - Regulation in prokaryotes: lac & trp operons - Eukaryotic gene regulation (transcription factors, enhancers, silencers) - Noncoding RNAs, post-transcriptional control
3	2025. 12. 24	Gene expression & regulation III - Recombinant DNA, plasmids, CRISPR, RNAi - DNA sequencing, PCR - Gel electrophoresis, DNA profiling
4	2025. 12. 26	Natural Selection I - Darwin/Wallace theory - Evidence for evolution: fossils, anatomy, molecular
5	2025. 12. 29	Natural Selection II - Modes of selection (directional, stabilizing, disruptive) - Genetic drift, gene flow, mutation, sexual selection - Speciation (allopatric/sympatric), phylogenetics
6	2025. 12. 30	Ecology I - Food webs, trophic levels, energy transfer (10% rule) - Population growth models (exponential, logistic) - Carrying capacity, limiting factors
7	2025. 12. 31	Ecology II - Community interactions (competition, predation, mutualism, commensalism, parasitism) - Ecological succession (primary vs secondary) - Biogeochemical cycles (carbon, nitrogen, phosphorus)
8	2026. 1. 2	Ecology III - Biodiversity and conservation biology - Human impacts: climate change, habitat destruction, pollution - Modeling ecosystems under stress

AP BIOLOGY 최신기출 문제풀이반 - JIYOON

#	KST	LECTURE
1	2026. 4. 5 KST 09:00-11:00	최신 기출문제풀이 1 (MCQ+FRQ)
2	2026. 4. 12 KST 09:00-11:00	최신 기출문제풀이 2 (MCQ+FRQ)
3	2026. 4. 19 KST 09:00-11:00	최신 기출문제풀이 3 (MCQ+FRQ)
4	2026. 4. 26 KST 09:00-11:00	최신 기출문제풀이 4 (MCQ+FRQ)

2026.05.04 AP BIOLOGY TEST DAY