

## PLATO Courses Map

The PLATO Courses Map provides a big-picture view of the components included in each course. This information is intended to help teachers and program coordinators plan the instructional support needed to implement a course effectively. For example, the number of non-exemptible modules will help teachers recognize the instructor time needed to grade and track mastery of these learning activities.

### Mathematics

Course	Content Title	Weeks of Instruction	Number of Units	Number of Modules	Number of Exemptible Modules	Number of Non-Exemptible Modules (offline & other)
PLATO Course Pre-Algebra Semester A	Foundational Mathematics Algebra 1, Part 1	18	4	82	73	9 3 web activities 6 offline
PLATO Course Pre-Algebra Semester B	Foundational Mathematics Algebra 1, Parts 1 and 2 Algebra 2, Part 1 Geometry, Parts 1 and 2	18	4	81	69	12 4 web activities 8 offline
PLATO Course Algebra 1 Semester A	Algebra 1 (Modules 1-6) Math Problem Solving	17	4	89	74	15 15 offline
PLATO Course Algebra 1 Semester B	Algebra 1 (Modules 7-9) Math Problem Solving	17	3	80	72	8 8 offline
PLATO Course Algebra 2 Semester A	Algebra 2 (Modules 10-14) Math Problem Solving	11	3	48	46	2 2 offline
PLATO Course Algebra 2 Semester B	Algebra 2 (Modules 14-19) Math Problem Solving	13	3	61	44	17 17 offline
PLATO Course Geometry Semester A	Foundational Mathematics Geometry 1 and 2	18	4	55	40	15 8 web activities 7 offline
PLATO Course Geometry Semester B	Foundational Mathematics Geometry 1 and 2	18	4	39	25	14 5 web activities 9 offline
PLATO Course Precalculus Semester A	PLATO Course Precalculus Semester A	17	6	37	37	0

PLATO Course Advanced Calculus AB <i>AP* Edition Semester A</i>	PLATO Course Advanced Calculus AB <i>AP* Edition Semester A</i> Algebra 1, Part 1 Algebra 2, Part 1 Algebra 2, Part 2	18	4	47	47	0
PLATO Course Advanced Calculus AB <i>AP* Edition Semester B</i>	PLATO Course Advanced Calculus AB <i>AP* Edition Semester B</i>	18	5	39	39	0

## English

Course	Content Title	Weeks of Instruction	Number of Units	Number of Modules	Number of Exemptible Modules	Number of Non-Exemptible Modules (offline & other)
PLATO Course English 7 Semester A	Essential Reading Skills 1 & 2 Reading Explorations (Level G) Essential Writing Process & Practice (Levels DD & EE) Fundamental Writing Process & Practice (Levels FF & GG)	18	4	58	27	31 8 web activities 10 offline 10 content 3 interactive
PLATO Course English 7 Semester B	Essential Reading Skills 1 & 2 Essential Writing Process & Practice (Levels DD & EE) Fundamental Writing Process & Practice (Levels FF & GG)	18	4	36	13	23 9 web activities 6 offline 5 content 3 interactive
PLATO Course English 8 Semester A	Essential Reading Skills 1 Fundamental Reading Strategies Essential Writing Process & Practice (Level DD) Fundamental Writing Process & Practice (Level FF) Intermediate Writing Process & Practice (Level HH)	18	4	42	23	19 11 web activities 5 offline 3 content
PLATO Course English 8 Semester B	Essential Reading Skills 1 & 2 Fundamental Reading Strategies Essential Writing Process & Practice (Level EE) Fundamental Writing Process & Practice (Level HH)	18	4	34	11	23 9 web activities 9 offline 4 content 1 interactive
PLATO Course English 9 Semester A	Intermediate Reading Strategies Vocabulary and Reading Comprehension (Level 8) Intermediate Writing Process & Practice (Level II)	20	5	46	21	25 10 web activities 5 offline 5 content 5 interactive
PLATO Course English 9 Semester B	Intermediate Reading Strategies Vocabulary and Reading Comprehension Intermediate Writing Process & Practice (Level II)	16	4	39	17	22 8 web activities 3 offline 9 content 2 interactive

PLATO Course English 10 Semester A	Advanced Reading Strategies Advanced Writing Process and Practice (Level KK)	17	4	29	17	12 11 web activities 1 interactive
PLATO Course English 10 Semester B	Advanced Reading Strategies Advanced Writing Process and Practice (Level KK)	19	5	36	14	22 8 web activities 6 offline 5 content 3 interactive
PLATO Course English 11 Semester A	Intermediate Reading Strategies Miscellaneous Language Arts Resources	18	3	36	21	15 12 web activities 2 offline 1 content
PLATO Course English 11 Semester B	Intermediate Reading Strategies Miscellaneous Language Arts Resources	18	3	40	23	17 12 web activities 2 offline 3 content
PLATO Course English 12 Semester A	Advanced Reading Strategies Informational Reading Essential Writing Process & Practice (Level EE) Intermediate Writing Process & Practice (Level JJ) Advanced Writing Process & Practice (Level LL, Level MM) Miscellaneous Language Arts Resources	18	3	38	18	20 11 web activities 2 offline 7 content
PLATO Course English 12 Semester A	Advanced Reading Strategies Informational Reading Intermediate Writing Process & Practice (Level JJ) Advanced Writing Process & Practice (Level LL, Level MM) Miscellaneous Language Arts Resource	18	4	50	28	22 14 web activities 4 offline 4 content
PLATO Course English 12 Semester B	Intermediate Reading Strategies Vocabulary and Reading Comprehension (Level 8) Intermediate Writing Process & Practice (Level II)	20	5	46	21	25 10 web activities 5 offline 5 content 5 interactive
PLATO Course Advanced English Literature and Composition <i>AP* Edition</i> Semester A	Advanced English Literature and Composition	18	5	35	35	0
PLATO Course Advanced English Literature and Composition <i>AP* Edition</i> Semester A	Advanced English Literature and Composition	18	5	36	36	0

## Science

Course	Content Title	Weeks of Instruction	Number of Units	Number of Modules	Number of Exemptible Modules	Number of Non-exemptible Modules (offline & other)
PLATO Course Life Science Semester A	Life Science	18	4	31	16	15 4 web activities 11 offline
PLATO Course Life Science Semester B	Life Science	18	4	17	11	6 2 web activities 4 offline
PLATO Course Physical Science Semester A	Properties and Structures of Matter Chemistry Fundamentals Energy and Its Applications Forces and Motion	12	2	14	8	6 1 web activities 5 offline
PLATO Course Physical Science Semester B	Properties and Structures of Matter Chemistry Fundamentals Energy and Its Applications Forces and Motion	13	2	16	9	7 7 offline
PLATO Course Biology Semester A v2.0	Biology Series	21	4	33	17	16 13 web activities 3 offline
PLATO Course Biology Semester B v2.0	Biology Series	20	3	29	21	8 8 web activities
PLATO Course Biology Semester A v3.0	PLATO Course Biology Semester A v3.0	18	6	36	36	0
PLATO Course Biology Semester B v3.0	PLATO Course Biology Semester B v3.0	18	6	36	36	0
PLATO Course Chemistry Semester A v2.0	Chemistry Series	18	10	18	10	8 5 web activities 3 offline
PLATO Course Chemistry Semester B v2.0	Chemistry Series	18	7	10	8	2 2 offline
PLATO Course Chemistry Semester A v3.0	PLATO Course Chemistry Semester A v3.0	18	6	34	34	0

PLATO Course Chemistry Semester B v3.0	PLATO Course Chemistry Semester B v3.0	18	6	34	34	0
PLATO Course Physics Semester A	PLATO Course Physics Semester A	17	6	36	36	0
PLATO Course Earth and Space Science Semester A	PLATO Course Earth and Space Science Semester A	12	3	8	8	0
PLATO Course Earth and Space Science Semester B	PLATO Course Earth and Space Science Semester B	13	3	9	9	0
PLATO Course Advanced Biology AP* Edition Semester A	A PLATO Course Advanced Biology AP* Edition Semester A PLATO Course Biology Semester A v3.0	18	6	38	38	0
PLATO Course Advanced Biology AP* Edition Semester B	PLATO Course Advanced Biology AP* Edition Semester B PLATO Course Biology Semester B v3.0	18	6	38	38	0
PLATO Course Advanced Chemistry AP* Edition Semester A	PLATO Course Advanced Chemistry AP* Edition Semester A PLATO Course Chemistry Semester A v3.0	18	6	34	34	0
PLATO Course Advanced Chemistry AP* Edition Semester B	PLATO Course Chemistry Semester B v3.0	18	7	43	43	0

## Social Studies

Course	Content Title	Weeks of Instruction	Number of Units	Number of Modules	Number of Exemptible Modules	Number of Non-Exemptible Modules (offline & other)
PLATO Course Basic American History I Semester A	<p>Early People Lay Foundation of American Culture (before 1492)</p> <p>Spain Leads in Exploring and Colonizing New World (1492-1650)</p> <p>The English Establish Thirteen Colonies in America (1607-1732)</p> <p>Colonial Life Brings Social Change to America (1607-1750)</p> <p>British Laws Anger the Colonists (1651-1775)</p> <p>Patriots Win Their War for Independence (1776-1783)</p> <p>Americans Begin to Govern Themselves (1776-1787)</p> <p>Americans Create the U.S. Constitution (1787-1788)</p>	18	4	41	16	25 21 content 4 internet projects
PLATO Course Basic American History I Semester B	<p>Washington and Federalists Lead the New Nation (1789-1801)</p> <p>America Begins to Grow and Gain Respect Abroad (1801-1824)</p> <p>Conflicts Divide Americans during Age of Jackson (1825-1841)</p> <p>Americans Move Toward the Pacific (1803-1853)</p> <p>North and South Become Increasingly Different (1830-1850)</p> <p>Sectional Anger Splits the Union Apart (1850-1861)</p> <p>North and South Fight a Civil War (1861-1865)</p> <p>Reconstruction: Blacks Gain But Then Lose Rights (1865-1877)</p>	19	4	42	16	26 22 content 4 internet projects
PLATO Course Basic American History 2 Semester A	<p>Indian Way of Life Ends as the West is Settled (1865-1890)</p> <p>America Becomes a Great Industrial Nation (1865-1900)</p> <p>America Faces Problems as it Industrializes (1865-1900)</p> <p>America Becomes a More Diverse and Urban Society (1865-1900)</p> <p>Reformers Try to Solve Problems (1883-1920)</p> <p>America Acquires Overseas Possessions (mid 1800s-1914)</p> <p>U.S. Neutrality; then Involvement in World War I (1914-1918)</p> <p>American Cultural Experience during the Twenties (1920-1929)</p> <p>America Struggles to End the Great Depression (1929-1941)</p>	18	4	39	18	21 17 content 4 Internet projects

PLATO Course Basic American History 2 Semester B	U.S. Neutrality, then Involvement in World War II (1919-1945) America Becomes the Leader of the Free World (1945-1953) Post-War Prosperity and Civil Rights Movement (1945-1960s) Domestic Problems during Kennedy-Johnson Years (1961-1969) The Vietnam War and Other Cold War Problems (1961-1974) America Experiences Difficult Times (1969-1981) Cold War Ends, but Domestic Problems Continue (1981-1993) Prosperity, then Terrorism Mark the Clinton-Bush Years (1993-Present)	17	4	39	16	23 19 content 4 Internet projects
PLATO Course American History I Semester A	People of the Old and Pre-Columbian Worlds (before 1492) Europeans Explore the New World Emergence of a Unique American Culture (1607-1763) Colonial Conflicts with Great Britain (1763-1775) American Patriots Fight for Independence (1776-1783) The Critical Period (1783-1788) The Creation and Adoption of a New Constitution Understanding the United States Constitution	18	4	69	8	61 57 content 4 Internet projects
PLATO Course American History I Semester B	Leadership under Washington and the Federalists (1789-1801) America's Domestic and Foreign Policies (1800-1825) The Age of Jackson (1825-1841) American Culture Continues to Change (1800-1860) Sectional Problems Grow as America Expands (1841-1860) North and South Fight a Civil War (1861-1865) Reconstruction (1865-1877)	18	3	72	7	65 62 content 3 Internet projects
PLATO Course American History 2 Semester A	The Western Frontier is Settled (1865-1890) Industrializing America (1865-1914) The Politics of the Gilded Age (1870-1900) The Making of Urban America (1877-1920) Progressive Era (1890-1920) U.S. Involvement in the Pacific/Latin America (mid 1800s-1914) America Becomes Involved in World War I (1914-1918) America Changes during the Roaring Twenties (1920-1929) Great Depression and New Deal (1929-1941)	19	4	46	18	28 24 content 4 Internet projects



PLATO Course American History 2 Semester B	U.S. Foreign Policy between the Two World Wars (1919-1941) World War II and the Post-War Peace (1939-1945) Cold War and the Truman Years (1945-1953) The Eisenhower Years (1953-1961) Vietnam and the Great Society in the Kennedy-Johnson Years (1961-1969) The Nixon, Ford and Carter Years (1969-1981) Cold War Ends, Conservatives Rise in the Reagan-Bush Years (1981-1993) Prosperity; then Terrorism in the Clinton-Bush Years (1993-Present)	18	4	43	16	27 23 content 4 Internet projects
PLATO Course World History Semester A	Middle Eastern Civilizations Ancient India The Foundation of Chinese Culture and History The Triumph of Greek Civilization The Rise and Fall of Rome The Rise and Spread of Islam Byzantine Empire Europe after the Fall of Rome The Development of Medieval Monarchies in Europe The Resurgence of Europe The Development of National Monarchies in Europe Mongols, Moguls, and Ottomans	18	4	48	24	24 20 content 4 Internet projects
PLATO Course World History Semester B	The Age of Revolution The Industrial Revolution Meiji Restoration The Impact of Nationalism Advances in Democracy European Imperialism in Africa and Asia Russia: Reform, Repression, and Revolution Causes, Course, and Conclusion of World War I Causes, Course, and Conclusion of World War II The Early Years of the Cold War Communism Declines and Europe Is Transformed The Search for Solutions to Global Problems	18	4	52	24	28 24 content 4 Internet projects
PLATO Course Geograpy Semester A	World of the Geographer The Earth United States: Physical Geography United States: Human Geography Canada	18	4	66	4	62 58 content 4 Internet projects

PLATO Course Geography Semester B	Europe: Physical Geography Europe: Human Geography Russia and Other Countries of the C.I.S.: Physical Geography Russia and Other Countries of the C.I.S.: Human Geography Oceania: Physical Geography Oceania: Human Geography	18	3	43	6	37 34 content 3 Internet projects
PLATO Course Civics Semester A	What Are Politics and Government? What Is Democracy? The U.S. Constitution National Institutions – Congress National Institutions – President National Institutions – Judiciary	18	3	30	12	18 15 content 3 Internet projects
PLATO Course Civics Semester B	Linking America – The Media Linking America – Political Parties State and Local Government Citizenship The U.S. Economy Involvement in World Affairs	18	3	27	12	15 12 content 3 Internet projects
PLATO Course U.S. Government Semester A	American Political Culture The Philosophy of the U.S. Constitution Writing the U.S. Constitution The Constitution as a Governing Document The Media Political Parties Campaigns and Voting	18	3	35	14	21 18 content 3 Internet projects
PLATO Course U.S. Government Semester B	The Congress The Presidency The Federal Bureaucracy The Judiciary State, Local, Territorial, and Tribal Government	18	2	24	10	14 12 content 2 Internet projects
PLATO Course Economics Semester A	Economics: The Science of Scarcity Economic Systems, Efficiency, and Productivity Demand and Supply in a Market Economy Competition, Market Structures, and International Trade Money, Banking, and Finance	18	2	24	10	14 12 content 2 Internet projects
PLATO Course Economics Semester B	Business and Labor Entrepreneurship and Economic Growth The Government in a Mostly Market Economy Business Cycles and Government Policies The Individual Consumer	18	3	27	10	17 14 content 3 Internet projects

PLATO Course Advanced US History <i>AP* Edition</i> Semester A	PLATO Course Advanced US History <i>AP* Edition</i> Semester A	18	6	36	36	0
PLATO Course Advanced US History <i>AP* Edition</i> Semester B	PLATO Course Advanced US History <i>AP* Edition</i> Semester B	18	8	40	40	0

## Required Electives

Course	Content Title	Weeks of Instruction	Number of Units	Number of Modules	Number of Exemptible Modules	Number of Non-Exemptible Modules (offline & other)
PLATO Course Art History and Appreciation	Art History and Appreciation	15	5	30	30	0
PLATO Course Consumer Mathematics	Consumer Mathematics Foundational Mathematics Projects for the Real World	15	6	36	36	0
PLATO Course Computer Applications and Technology	Computer Applications and Technology	15	5	30	30	0
PLATO Course Health	Health Life Science Projects for the Real World	16	5	31	31	0