



ACADEMIC COURSE GUIDE

2017-2018



HIGH SCHOOL GRADUATION REQUIREMENTS

ARTS CREDIT REQUIREMENTS

To receive a diploma, students must successfully complete required credits in arts.

Arts credit requirements are determined based on the year students enroll in SPCPA. Required courses vary, based on the track: Dance, Instrumental Music, Musical Theatre, Theatre, and Vocal Music.

GRADE OF ENTRY INTO SPCPA*	ARTS CREDITS REQUIRED FOR GRADUATION
9	20
10	15
11	10

*Students who enter the school mid-year will have their arts credit requirements adjusted accordingly.

ACADEMIC COURSE AND CREDIT REQUIREMENTS

To receive a diploma, students must successfully complete the required credits and high school level academic courses.

CLASS OF 2018

ENGLISH	SOCIAL STUDIES
4.0 credits	3.5 credits
<ul style="list-style-type: none"> • English 9 OR English 9 Advanced • English 10 OR English 10 Advanced • English 11 OR English 11 Advanced • English 12 OR AP English Literature and Composition 	<ul style="list-style-type: none"> • World History OR World History Advanced • Government OR Government Advanced • Economics OR Economics Advanced • U.S. History OR AP U.S. History • Geography
MATHEMATICS	SCIENCE
3.0 credits	3.0 credits
<ul style="list-style-type: none"> • Algebra 2 OR Algebra 2 Advanced 	<ul style="list-style-type: none"> • Biology OR Biology Advanced • Chemistry OR Chemistry Advanced

NOTE: All course offerings are based on sufficient enrollment

CLASS OF 2019

ENGLISH	SOCIAL STUDIES
4.0 credits	3.5 credits
<ul style="list-style-type: none"> • English 9 OR English 9 Advanced • English 10 OR English 10 Advanced • English 11 OR AP English Language & Composition • English 12 OR AP English Literature and Composition 	<ul style="list-style-type: none"> • World History OR World History Advanced • Government OR Government Advanced • Economics OR Economics Advanced • U.S. History OR AP U.S. History • Geography
MATHEMATICS	SCIENCE
3.0 credits	3.0 credits
<ul style="list-style-type: none"> • Algebra 2 OR Algebra 2 Advanced 	<ul style="list-style-type: none"> • Biology OR Biology Advanced • Chemistry OR Chemistry Advanced

CLASS OF 2020

ENGLISH	SOCIAL STUDIES
4.0 credits	3.5 credits
<ul style="list-style-type: none"> • English 9 OR English 9 Advanced • English 10 OR English 10 Advanced • English 11 OR AP English Language & Composition • English 12 OR AP English Literature and Composition 	<ul style="list-style-type: none"> • World History OR World History Advanced • Government OR Government- Advanced • Economics OR Economics Advanced • U.S. History OR AP U.S. History • Geography
MATHEMATICS	SCIENCE
3.0 credits	3.0 credits
<ul style="list-style-type: none"> • High School Algebra OR HS Algebra Advanced • Geometry OR Advanced Geometry • Algebra 2 OR Algebra 2 Advanced 	<ul style="list-style-type: none"> • Physical Science OR Physical Science Advanced • Chemistry OR Chemistry Advanced • Biology OR Biology Advanced

CLASS OF 2021

ENGLISH	SOCIAL STUDIES
4.0 credits	4.0 credits
<ul style="list-style-type: none"> • English 9 OR English 9 Advanced • English 10 OR English 10 Advanced • English 11 OR AP English Language & Composition • English 12 OR AP English Literature and Composition 	<ul style="list-style-type: none"> • Civics • Geography OR Geography Advanced • World History OR AP World History • U.S. History OR AP U.S. History • Government OR AP Comparative Government and Politics • Economics OR AP Microeconomics
MATHEMATICS	SCIENCE
3.0 credits	3.0 credits
<ul style="list-style-type: none"> • High School Algebra • Geometry OR Advanced Geometry • Algebra 2 OR Algebra 2 Advanced 	<ul style="list-style-type: none"> • Physical Science OR Physical Science Advanced • Chemistry OR Chemistry Advanced • Biology OR Biology Advanced

- Several colleges and universities require two consecutive years of a world language (e.g. Spanish 1 and 2) for admissions.
- Highly competitive colleges and universities (e.g. University of Minnesota) require a fourth year of math or science.
- Highly competitive colleges and universities also require three consecutive years of a world language (e.g. Spanish 1, 2, and 3).
- Please contact the colleges and universities you are considering to determine their admissions requirements.

NOTE: All course offerings are based on sufficient enrollment.

EARN COLLEGE CREDIT WHILE STILL IN HIGH SCHOOL

College credit options are available to many high school students. Studies show that students who complete some college credit in high school are more likely to attend college and graduate with a certificate, diploma or degree. Classes that can earn college credit are found by looking for one of the following in the course guide.

Advanced Placement (AP)

This is a college-level course that requires students to work at a high level of rigor and complete additional work outside of class. AP classes prepare you for the college experience.

Benefits:

- Expectations and pace of classes are designed to closely match college experience.
- An AP exam score may allow you to earn college credit.
- AP is recognized by post-secondary schools around the nation.
- This is a weighted grade at SPCPA. The grade is multiplied by 1.2 rather than 1.0 to calculate GPA.

Eligibility:

- AP classes are available in grades 10, 11, and 12.
- Students should have strong reading and writing skills and plan on additional time outside of class for reading and assignments.
- Some classes may have prerequisites.

How to earn college credit:

- Take the AP exam in May.
- Many colleges award credit for scores of 3 or higher (scores range from 1-5).
- Check the website of the college you may attend to determine the credit policy.

College in the Schools (CIS)

College in the Schools classes are college classes taught in high school by high school teachers through a partnership with the University of Minnesota – Twin Cities.

Benefits:

- The college course is available in your high school.
- This is a weighted grade at SPCPA. The grade is multiplied by 1.2 rather than 1.0 to calculate GPA.
- Students earn college credit from the University of Minnesota.

Eligibility:

- Concurrent enrollment classes available in grades 11 and/or 12.
- UMN sets eligibility requirements such as class rank. Check the course description.

How to earn college credit:

- Your results are reflected in a college transcript from the University of Minnesota. This transcript will be a part of your academic record for future schools and employment.

Postsecondary Enrollment Options (PSEO)

Postsecondary Enrollment Options (PSEO) is a program that allows 10th-, 11th- and 12th-grade students to earn both high school and college credit while still in high school, through enrollment in and successful completion of college-level, nonsectarian courses at eligible participating postsecondary institutions.

Most PSEO courses are offered on the campus of the postsecondary institution; some courses are offered online. Each participating college or university sets its own requirements for enrollment into the PSEO courses. Eleventh and 12th-grade students may take PSEO courses on a full- or part-time basis; 10th graders may take one career/technical PSEO course. If they earn at least a grade C in that class, they may take additional PSEO courses. There is no charge to PSEO students for tuition, books or fees for items that are required to participate in a course. Students must meet the PSEO residency and eligibility requirements and abide by participation limits specified in Minnesota Statutes, section 124D.09.

- Funds are available to help pay transportation expenses for qualifying students to participate in PSEO courses on college campuses.
- Schools must provide information to all students in grades 8-11 and their families by March 1, every year.
- Students must notify their school by May 30 if they want to participate in PSEO for the following school year.
- Students must meet PSEO college admission requirements and must complete classes required for high school graduation.
- This option is for independent, highly responsible, and motivated students.

Benefits:

- Students can earn college credits that may be accepted by other colleges and/or universities following high school.
- Students gain college experience while in high school.

General education option eligibility:

- General Education option is available in grades 11 and 12.
- PSEO College sets the academic requirements such as high school class rank.
- PSEO families are responsible for providing transportation.

Career technical education option eligibility:

- Career Technical option is available in grades 10, 11, and 12.
- Must meet or exceed the standards on the 8th grade MCA Reading test.
- Only one class can be taken during a college semester.
- PSEO families are responsible for providing transportation.
- Courses eligible must be career technical education courses.
- This option is only available at community and technical colleges.

How to earn college credit:

- Your results are reflected in a college transcript from the college or university you attend. This transcript will be a part of your academic record for future schools and employment.

English

Required Courses	Grade(s)	Prerequisites
English 9: Introduction to Literature and Composition OR English 9 Advanced: Intro to Literature and Composition	9	None
English 10: World Literature and Analysis OR English 10 Advanced: Literary Theory and Deduction	10	None
English 11: American Literature OR AP English Language & Composition	11	None English 10 Advanced
English 12: Literature in a Social Context OR AP English Literature and Composition	12	None English 11 Advanced
Elective Courses	Grade(s)	Prerequisites
AP English Language & Composition	12	English 11 Advanced
Teaching Assistant – English	11, 12	Approval process

1410/2410 English 9: Introduction to Literature and Composition

Prerequisite: none

Credit: 1.0 credit, Required, Two semesters

Typical Audience: Grade 9

English 9 aligns to the MN Academic Standards in English Language Arts. The course helps students build writing and critical thinking skills. Students obtain a foundation in composition and literary analysis while building vocabulary and increasing understanding of grammatical concepts. This course provides a survey of literature including drama, poetry and prose.

1415/2415 English 9 Advanced: Introduction to Literature and Composition

Prerequisite: none

Credit: 1.0 credit, Required, Two semesters

Typical Audience: Grade 9

Advanced English 9 aligns to the Minnesota Academic Standards in English Language Arts. This course is for highly-motivated students committed to academic excellence. Students best suited for this course are able to put time in outside of class to complete reading and writing assignments, have a strong interest in language arts and literature, and seek to improve as an English student. This course helps students build reading, writing, and critical thinking skills. Students obtain a foundation in composition and literary analysis while building vocabulary and increasing understanding of grammatical concepts. Students read both fiction and non-fiction texts. This course provides a faster pace as well as a greater depth of study, with considerable attention given to higher level critical thinking in preparation for upper level Advanced courses.

1420/2420 English 10: World Literature and Analysis

Prerequisite: none

Credit: 1.0 credit, Required, Two semesters

Typical Audience: Grade 10

English 10 aligns to the MN Academic Standards for English Language Arts. This course provides an opportunity to understand and appreciate world literature through a variety of reading, writing, and viewing experiences. This course will develop reading and viewing skills, writing skills (argument, research, and analysis), and critical thinking skills. Students read *Things Fall Apart*, *Lord of the Flies*, and *Feed*, but they also spend time additional time on informational texts in preparation for the MCA reading test.

1425/2425 English 10 Advanced: Literary Theory and Deduction

Prerequisite: none

Credit: 1.0 credit, Required, Two semesters

Typical Audience: Grade 10

English 10 Advanced aligns to the MN Academic Standards in English Language Arts. This course is for highly-motivated students committed to academic excellence. Students best suited for this course are able to put time in outside of class to complete reading and writing assignments, have a strong interest in language arts and literature, and seek to improve as an English student. This course develops reading and viewing skills, writing skills (argument, research and analysis), and critical thinking skills. This course covers literary theory and analysis, argumentative and analytical writing, dystopian literature, global perspectives, and literary staging or adaptation. Students read *Things Fall Apart*, *Lord of the Flies*, *Fahrenheit 451*, *Macbeth*, and several short texts; they also read critical essays and study film adaptations of *Sherlock*, *Into the Woods*, and *Macbeth*.

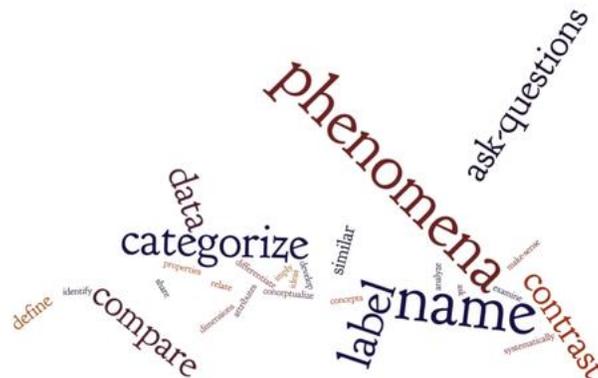
1430/2430 English 11: American Literature

Prerequisite: none

Credit: 1.0 credit, Required, Two semesters

Typical Audience: Grade 11

English 11 aligns to the MN Academic Standards in English Language Arts. The course focuses on the study of literature of diverse nations and cultures (including many multicultural texts from around the world). Students read works form around the world and use them as the starting place for gaining a broad understanding of points of view beyond their own. The second semester is a broad survey course in the literatures of Britain and its colonies. The course emphasizes reading, analyzing, discussing, and writing with particular emphasis placed on applying critical concepts in the understanding and interpretation of other countries' literature. Students also work to further their understandings the English language and developing writing skills.



1465/2465 AP English Language and Composition

Prerequisite: English 10 Advanced

Credit: 1.0 credit, Required, Two semesters

Typical Audience: Grade 11

The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods.

This course provides high school students the opportunity to engage with a typical introductory-level college English curriculum. Students read and comprehend college-level texts and apply the conventions of Standard Written English in their writing. This course aligns to the AP standards and SPCPA encourages students to take the AP exam in May.

1440/2440 English 12: Literature in a Social Context

Prerequisite: none

Credit: 1.0 credit, Required, Two semesters

Typical Audience: Grade 12

English 12 aligns to the MN Academic Standards in English Language Arts. This course builds on skills and knowledge acquired in previous courses while also emphasizing oral and written communication skills. English 12 focuses on studying literature such as short stories, poetry, drama, nonfiction, and the novel, reviewing and more deeply applying narrative elements and poetic devices to various texts within a social justice context. This allows students to draw from their other courses (arts and academics) to explore national and international problems while emphasizing academic discussion.

1460/2460 AP English Literature and Composition

Prerequisite: English 11 Advanced or AP English Language and Composition

Credit: 1.0 credit, Required, Two semesters

Typical Audience: Grade 12

The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

This course provides high school students the opportunity to engage with a typical introductory-level college English curriculum. Students read and comprehend college-level texts and apply the conventions of Standard Written English in their writing. This course aligns to the AP standards. SPCPA encourages students to take the AP exam in May.

1400TA/2400TA Teaching Assistant – English

Credit: 0.5 credit, elective, One semester

Typical Audience: Grades 11, 12

This service learning class provides the opportunity for students to support students in other English classes. Students display evidence of success in the discipline. Students support peers, as directed by the teacher, in small group or individual classroom settings. Students may support the work of teachers through task completion. This course is only available by teacher request.

Social Studies

Class of 2021

Required Courses	Grades	Prerequisites
Civics 9 (includes preparation for high school academics)	9	
Geography 9 OR Geography 9 Advanced		
World History OR AP World History (2018-19)	10	
United States History OR AP United States History	11	
Economics OR AP Microeconomics (2020-21)	12	
Government OR AP Comparative Government and Politics		
Electives	Grades	Prerequisites
Psychology	11, 12	
CIS Introduction to Psychology	11, 12	
Teaching Assistant – Social Studies	11, 12	Approval process

Classes of 2018 - 2020

Required Courses	Grades	Prerequisites
World History OR World History Advanced	9	
Government OR Government Advanced	10	
Economics OR Economics Advanced		
United States History OR AP United States History	11	
Geography	12	
Electives	Grades	Prerequisites
Psychology	11, 12	
CIS Introduction to Psychology	11, 12	
AP Comparative Government and Politics	11, 12	
Teaching Assistant – Social Studies	11, 12	Approval process

1309 Civics 9

Prerequisite: none

Credit: 0.5 credit, Required, One semester

Typical Audience: Grade 9

(Offered Semester 1)

Civics aligns to the MN Academic Standards in Social Studies and English Language Arts. This course explores the origins of the American democratic system while looking at how the constitution embodies the values and purposes set up by the founding fathers. Students analyze the structure and function of the U.S. government on a national, state, and local level while showing how each level interrelates. Throughout the course, students will focus on how people play an active role in government and the importance of individual citizen contributions to society.

In addition, this course provides students with an overview of the skills needed to be successful in academic students in academic high school and college courses. Students develop the ability to make plans, keep track of time, manage more than one thing at once, engage in group dynamics, evaluate ideas, reflect on their work. Students learn to make mid-course corrections while thinking, reading and writing. Students meet expectations by finishing work on time, asking for help, following classroom rules, and seeking more information when needed. These are necessary skills for all classes at SPCPA and beyond. These are taught through the content of Civics.

1321/2321 Geography 9

Prerequisite: none

Credit: 0.5 credit, Required, One semester

Typical Audience: Grade 9

(Offered Semester 2)

Geography aligns to the MN Academic Standards in Social Studies and in English Language Arts. This course focuses on regions of the world. Students apply geographic concepts such as population, agriculture, natural resource allocation and management industry, political geography, cultural geography, and urbanization to their lives. In addition, students examine the impact of the physical environment on people and cultures.

1326/2326 Geography 9 Advanced

Prerequisite: none

Credit: 0.5 credit, Required, One semester

Typical Audience: Grade 9

(Offered Semester 2)

Advanced Geography 9 aligns to the MN Academic Standards in Social Studies and in English Language Arts. The Advanced Geography course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. Students will also become familiar with the concepts and gain the experience necessary to appreciate the utility of Geographic Information Systems in decision-making. This course provides an overview of the capabilities of GIS software and applications of GIS.

1310/2310 World History

Prerequisite: none

Credit: 1.0 credit, Required, Two semesters

Typical Audience: Grade 10

World History aligns to the MN Academic Standards in Social Studies and in English Language Arts. During first semester, students examine comparatively and chronologically, the evolution of selected cultures and societies before 1500 in Asia, India, Africa, Europe, the Middle East, and pre-Columbian America. Students explore such topics as religious practices and the birth of world religions, trade and interregional exchanges, human interaction with the environment, forms of political authority, and family life and gender roles. During second semester, students examine, comparatively and chronologically, the evolution of selected cultures and societies after 1500 in Asia, India, Africa, Europe, the Middle East, and Latin America. Students explore such topics as religious practices and world religions, trade and interregional exchanges, human interaction with the environment, forms of political authority, and family life and gender roles.

1315/2315 World History Advanced

Prerequisite: none

Credit: 1.0 credit, Required, Two semesters

Typical Audience: Grade 10

World History Advanced aligns to the MN Academic Standards in Social Studies and in English Language Arts. This course is faster paced with increased rigor which prepares students for more advanced social studies classes. During first semester, students examine comparatively and chronologically, the evolution of selected cultures and societies before 1500 in Asia, India, Africa, Europe, the Middle East, and pre-Columbian America. Students explore such topics as religious practices and the birth of world religions, trade and interregional exchanges, human interaction with the environment, forms of political authority, and family life and gender roles. During second semester, students examine, comparatively and chronologically, the evolution of selected cultures and societies after 1500 in Asia, India, Africa, Europe, the Middle East, and Latin America. Students explore such topics as religious practices and world religions, trade and interregional exchanges, human interaction with the environment, forms of political authority, and family life and gender roles. Additional content for the course involves further exploration of topics through projects and literature.

1340 Government

Prerequisite: none

Credit: 0.5 credit, Required, One semester

Typical Audience: Grade 10

(Offered Semester 1)

Government aligns to the MN Academic Standards in Social Studies and in English Language Arts. This course provides an opportunity for students to gain the knowledge and skills needed for informed and responsible participation in public life. The course aids students in understanding political ideology and opposing viewpoints. It incorporates the study of constitutional principles and the democratic foundation of our national, state and local institutions. The course examines the political processes and structures of government grounded in an understanding of our constitution. Students learn how to participate to make a difference and acquire the skills required for competent participation in the political process.

1345 Government Advanced

Prerequisite: none

Credit: 0.5 credit, Required, One semester

Typical Audience: Grade 10

(Offered Semester 1)

Government Advanced aligns to the MN Academic Standards in Social Studies and in English Language Arts. This course is for highly-motivated students. The faster pace and increased rigor prepares students for more advanced social studies classes. Advanced Government provides an opportunity for students to gain the knowledge and skills needed for informed and responsible participation in public life. The course aids students in understanding political ideology and opposing viewpoints. It incorporates the study of constitutional principles and the democratic foundation of our national, state and local institutions. The course examines the political processes and structures of government grounded in an understanding of our constitution. Students learn how to participate to make a difference and gain the skills required for competent participation in the political process. Students read and analyze *The Idea of America* by H. Michael Hartoonian to gain an understanding of the debates over the ideals occurring within a democracy.

2341 Economics

Prerequisite: none

Credit: 0.5 credit, Required, One semester

Typical Audience: Grade 10

(Offered Semester 2)

Economics aligns to the MN Academic Standards in Social Studies and in English Language Arts. This course provides an opportunity for students to gain knowledge and skills in a subject area that affects all areas of their life both today and in the future. This course introduces basic economic concepts and principles that demonstrate how our choices are affected by the role of scarcity. The course focuses on the following four units: Introduction to Economics, Microeconomics, Macroeconomics, and Personal Finance. In addition, students gain an understanding of the three basic economic questions, the mixed market system and the role buyers, sellers and government play, how the economy is measured and adjusted, as well as individual financial decisions.

2346 Economics Advanced

Prerequisite: none

Credit: 0.5 credit, Required, One semester

Typical Audience: Grade 10

(Offered Semester 2)

Economics Advanced aligns to the MN Academic Standards in Social Studies and in English Language Arts. This course is designed with a faster pace and increased rigor in order to prepare students for more advanced social studies classes. Economics provides an opportunity for students to gain knowledge and skills in a subject area that will affect all areas of their life both today and in the future. This course introduces basic economic concepts and principles that demonstrate how our choices are affected by the role of scarcity. The course will focus on four units including: Introduction to Economics, Microeconomics, Macroeconomics, and Personal Finance. The course focuses on the following four units: Introduction to Economics, Microeconomics, Macroeconomics, and Personal Finance. In addition, students gain an understanding of the three basic economic questions, the mixed market system and the role buyers, sellers and government play, how the economy is measured and adjusted, as well as individual financial decisions. There is an emphasis on supply and demand graphing and analysis.

1330/2330 U.S. History

Prerequisite: none

Credit: 1.0 credit, Required, Two semesters

Typical Audience: Grade 11

U.S. History aligns to the MN Academic Standards in Social Studies and in English Language Arts. The study of U.S. History helps students understand the democratic traditions of the United States, the establishment of these traditions, and how they carry forward in present times. During the first half of the semester students examine the development of American culture and society from the Columbian encounter through the Civil War and Reconstruction. The second half of the course covers the development of American institutions and society from Reconstruction to the present. Students examine economic, social, cultural, and political themes from the multiple perspectives that comprise the unique history of the United States. Class resources include the class text, primary source materials, American biographies and autobiographies.

1335/2335 AP U.S. History

Prerequisite: none

Credit: 1.0 credit, Required, Two semesters

Typical Audience: Grade 11

The AP U.S. History course focuses on developing students' understanding of American history from approximately 1491 to the present. Students investigate the content of U.S. history for significant events, individuals, developments, and processes in nine historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides seven themes (American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society) that students explore throughout the course in order to make connections among historical developments in different times and places.

AP U.S. History is the equivalent of a two-semester introductory college or university U.S. history course. Students read a college-level textbook and write grammatically correct, complete sentences. This course aligns to the AP standards and SPCPA encourages students to take the AP exam in May.

1320/2320 Geography

Prerequisite: none

Credit: 0.5 credit, Required, One semester

Typical Audience: Grade 12

(Offered Semester 1 and 2)

Geography aligns to the MN Academic Standards in Social Studies and in English Language Arts. This course focuses on regions of the world. Students apply geographic concepts such as population, agriculture, natural resource allocation and management industry, political geography, cultural geography, and urbanization to their lives. In addition, students examine the impact of the physical environment on people and cultures.

1350/2350 Psychology

Prerequisite: none

Credit: 0.5 credit, Elective, One semester

Typical Audience: Grade 11 or 12

(Offered Semester 2)

This course examines the basic principles and methods of psychological science from an evolutionary and cultural perspective. Students use critical thinking skills to examine fascinating topics: dreaming, cultural influences, identity, learning, thinking, and the biology of behavior. Applying basic research methods, students act as skeptical scientists. This course applies to almost any career choice in today's world and provides insight into self and others.

C2350 Introduction to Psychology (PSY 1001) – This is a College in the Schools course.

Prerequisite: additional review process

Credit: 0.5 credit, Elective, One semester, (4.0 University of Minnesota Credits)

Typical Audience: Grade 11 or 12

(Offered Semester 2)

Introduction to Psychology is a University of Minnesota course. Students enrolled in the College in the Schools program concurrently enroll at both SPCPA and the University of Minnesota where upon satisfactorily completing the course, students receive Social Studies credit at SPCPA and credit at the University of Minnesota.

College in the Schools Introduction to Psychology (PSY 1001) is a 4-credit University of Minnesota course open to juniors and seniors that provides an introduction to the scientific study of human behavior and prerequisite for all other Psychology courses at the college and university level. This course explores how human behavior can be studied; biological, social and environmental influences on human behavior; predictable ways of behaving, reasoning, remembering and feeling; and ways in which humans differ.

Each week, three lectures are delivered by University of Minnesota faculty and streamed online. Students watch these lectures, mostly during class. Students complete writing assignments, quizzes, and exams identical to those taken by students enrolled in the course on campus. In addition, students work with a high school faculty member that clarifies lectures, conducts in-class activities, provides help and feedback related to exams and assignments, and maintains a class-specific U of M Moodle website.



1380/2380 AP Comparative Government and Politics

Credit: 0.5 credit, elective, Two Semesters

Typical Audience: Grades 11, 12

The AP course in Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes. Comparison assists both in identifying problems and in analyzing policy making. For example, we only know that a country has a high population growth rate or serious corruption when we compare it to other countries. Careful comparison of political systems produces useful knowledge about the institutions and policies countries have employed to address problems, or, indeed, what they have done to make things worse. We can compare the effectiveness of policy approaches to poverty or overpopulation by examining how different countries solve similar problems. Furthermore, by comparing the political institutions and practices of wealthy and poor countries, we can begin to understand the political consequences of economic well-being. Finally, comparison assists explanation. Why are some countries stable democracies and not others? Why do many democracies have prime ministers instead of presidents?

In addition to covering the major concepts used to organize and interpret what we know about political phenomena and relationships, the course covers specific countries and their governments. Six countries form the core of the AP Comparative Government and Politics course: The People's Republic of China, United Kingdom of Great Britain and Northern Ireland, Islamic Republic of Iran, United Mexican States, Federal Republic of Nigeria, and Russian Federation. By using these six countries, the course moves the discussion of concepts from abstract definition to concrete example, noting that not all concepts are equally useful in all country settings.

AP Comparative Government and Politics is the equivalent to a one-semester introductory college course. Students read a college-level textbook and write grammatically correct, complete sentences. This course aligns to the AP standards. SPCPA encourages students to take the AP exam in May.

1300TA/2300TA Teaching Assistant – Social Studies

Credit: 0.5 credit, elective, One semester

Typical Audience: Grades 11, 12

This service learning class provides the opportunity for students to support students in other Social Studies classes. Students display evidence of success in the discipline. Students support peers, as directed by the teacher, in small group or individual classroom settings. Students may support the work of teachers through task completion. This course is only available by teacher request.

Mathematics

Required Courses	Grades	Prerequisites
High School Algebra	9	Middle School Algebra
Geometry Advanced		High School Algebra Advanced
Geometry	10	High School Algebra
Algebra 2 Advanced		Geometry Advanced
Algebra 2	11	Geometry OR Geometry Advanced
Elective Courses	Grades	Prerequisites
Algebra 3	12	Algebra 2
AP Statistics	11, 12	Algebra 2, with approval OR Algebra 2 Advanced
Precalculus	11, 12	Algebra 2 Advanced
Calculus	12	Precalculus
Teaching Assistant – Math	11, 12	Approval process

1110/2110 High School Algebra

Prerequisite: placement exam

Credit: 1.0 credit, Required, Two semesters

Typical Audience: Grade 9

High School Algebra addresses benchmarks from the Algebra and Data Analysis/Probability strands of MN Academic Standards in Mathematics. The topics covered include linear functions, linear programming, quadratic functions and inequalities, exponential functions, and probability. In addition, students use technology tools, such as graphing calculators, to aid in solving real world problems.

1125/2125 Advanced Geometry

Prerequisite: High School Algebra or equivalent course

Credit: 1.0 credit, Required, Two semesters

Typical Audience: Grade 9

Advanced Geometry is for students who have completed and received high school credit for High School Algebra while in middle school. Topics addressed are like those in Geometry with greater focus on geometric proof. This class is faster paced and goes into more depth than Geometry. Teachers include additional topics based on placement results.

1120/2120 Geometry**Prerequisite:** High School Algebra or equivalent course**Credit:** 1.0 credit, Required, Two semesters**Typical Audience:** Grade 10

Geometry addresses the Geometry strand in the MN Academic Standards in Mathematics. The topics covered include geometric foundations, linear relationships, triangle properties, right triangles, circles, area and volume, and coordinate geometry. Teachers integrate proofs throughout the course.

1130/2130 Algebra 2 Advanced**Prerequisite:** Geometry Advanced**Credit:** 1.0 credit, Required, Two semesters**Typical Audience:** Grade 10

Algebra 2 addresses the more advanced benchmarks from the Algebra and Data Analysis/Probability strands of MN Academic Standards in Mathematics. Algebra 2 builds on prior learning from High School Algebra and Geometry. This course is a more in depth study of functions including quadratic, radical, rational, and polynomial functions, as well as the foundations of statistics and probability. In addition, students use technology tools, such as graphing calculators, to aid in solving real world problems. This class is faster paced and goes into more depth than Algebra 2. Teachers include additional topics, based on placement results.

1130/2130 Algebra 2**Prerequisite:** Geometry or Geometry Advanced**Credit:** 1.0 credit, Required, Two semesters**Typical Audience:** Grade 11

Algebra 2 addresses the more advanced benchmarks from the Algebra and Data Analysis/Probability strands of MN Academic Standards in Mathematics. Algebra 2 will build on prior learning from High School Algebra and Geometry. This course is a more in depth study of functions including quadratic, radical, rational, and polynomial functions, as well as the foundations of statistics and probability. In addition, students use technology tools, such as graphing calculators, to aid in solving real world problems.

1150/2150 Precalculus**Prerequisite:** Algebra 2 Advanced**Credit:** 1.0 credit, Elective, Two semesters**Typical Audience:** Grade 11

Precalculus is designed for students who wish to pursue future pathways in mathematics and/or science. It is a fast-paced, rigorous course to prepare students for Calculus. The emphasis of the course is in gaining a deep understanding of the family of functions, exponential and logarithmic functions, rational functions, and an extensive study of trigonometry.

2140 Algebra 3**Prerequisite:** Algebra 2 or Algebra 2 Advanced**Credit:** 1.0 credit, Elective, Two semesters**Typical Audience:** Grade 12

Algebra 3 addresses material typically covered in a one-semester college course in algebra. The course is for students who need to strengthen their algebra skills before taking a precalculus or statistics course. Students incorporate graphing technology to explore families of functions, transformations, and their applications.

1145/2145 AP Statistics

Prerequisite: Algebra 2 Advanced

Credit: 1.0 credit, Elective, Two semesters

Typical Audience: Grade 11 or 12

Statistics is for students who wish to pursue future pathways in math and/or science related fields. This fast-paced, rigorous course addresses the major concepts and tools for collecting, analyzing and drawing conclusions from data. The following four broad conceptual themes represent the course:

1. Exploring Data: Describing patterns and departures from patterns
2. Sampling and Experimentation: Planning and conducting a study
3. Anticipating Patterns: Exploring random phenomena using probability and simulation
4. Statistical Inference: Estimating population parameters and testing hypotheses

The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The use of a graphing calculator in AP Statistics is an integral part of the course. AP Statistics aligns to the AP standards. SPCPA encourages students to take the AP exam in May.

1160/2160 Calculus

Prerequisite: Precalculus

Credit: 1.0 credit, Elective, Two semesters

Typical Audience: Grade 12

Calculus is similar to a first semester college calculus course devoted to topics in differential and integral calculus. The topics covered include limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. This course represents calculus concepts and problems graphically, numerically, analytically, and verbally, and students make connections amongst these representations. Students use technology to solve problems, experiment, interpret results, and support conclusions.

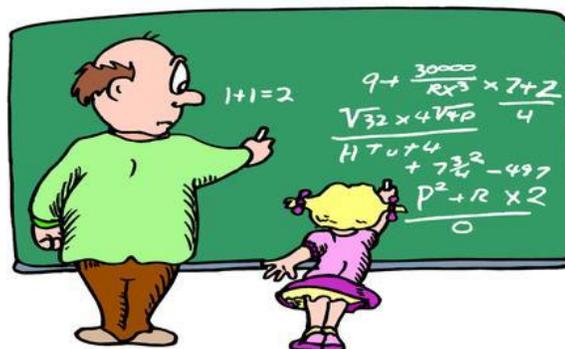
This course is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The use of a graphing calculator is considered an integral part of the course. This course aligns to AP Calculus AB. SPCPA encourages students to take the AP exam in May.

1100TA/2100TA Teaching Assistant – Math

Credit: 0.5 credit, elective, One semester

Typical Audience: Grades 11, 12

This service learning class provides the opportunity for students to support students in other math classes. Students display evidence of success in the discipline. Students support peers, as directed by the teacher, in small group or individual classroom settings. Students may support the work of teachers through task completion. This course is only available by teacher request.



Science

Classes of 2020 - 2021

Required Courses	Grades	Prerequisites
Physical Science OR Physical Science Advanced	9	
Chemistry OR Chemistry Advanced	10	
Biology OR AP Biology (2018-19)	11, 12	
Elective Courses	Grades	Prerequisites
Anatomy and Physiology	12	Biology
Physics Advanced	12	
AP Chemistry (2018-19)	11, 12	Chemistry Advanced
Teaching Assistant – Science	11, 12	Approval process

Classes of 2018 - 2019

Required Courses	Grades	Prerequisites
Biology OR Biology Advanced	9	
Anatomy and Physiology OR Anatomy and Physiology Advanced	10	
Chemistry OR Chemistry Advanced	11	
Elective Courses	Grades	Prerequisites
Physics Advanced	12	
Teaching Assistant – Science	11, 12	Approval process

1210/2210 Physical Science

Prerequisite: none

Credit: 1.0 credit, see chart on page 1, Two semesters

Typical Audience: Grade 9

Physical Science aligns to the Minnesota Academic Standards in Science and the national standards in health. This required course provides an introductory exploration of science skills and application at the high school level. Topics covered include the nature of science and engineering, measurement, basic geology, climate science, atomic structure, molecular bonding, chemical reactions, energy, electricity, and motion. In addition to lecture and discussion, students engage in experimental laboratory work, write reports and communicate data.

1215/2215 Physical Science Advanced

Prerequisite: none

Credit: 1.0 credit, see chart on page 1, Two semesters

Typical Audience: Grade 9

Physical Science Advanced aligns to the Minnesota Academic Standards in Science and the national standards in health. This course provides a more rigorous exploration of science skills and application at the high school level. Topics covered include the nature of science and engineering, measurement, basic geology, climate science, atomic structure, molecular bonding, chemical reactions, energy, electricity, and motion. Students study topics in depth with a greater emphasis on higher level thinking skills in problem solving. Students engage in experimental laboratory work, write reports, and communicate data.

1240/2240 Chemistry

Prerequisite: Anatomy & Physiology or Anatomy & Physiology Advanced

Credit: 1.0 credit, see chart on page 1, Two semesters

Typical Audience: Grade 10 or 11

Chemistry aligns to the Minnesota Academic Standards in Science and the national standards in health. In this introductory-level course, chemistry students engage in the study of matter and the changes it undergoes. Topics of study include modern atomic theory, the periodic table and its trends, chemical and physical properties of matter, bonding in chemical compounds, chemical reactions, and solutions. Chemistry is a required course for all students, and as such, it prepares the college-bound student, though not necessarily someone interested in studying science after high school. Additionally, the course emphasizes problem solving, lab activities, and computer simulations with a real-world focus and highlights experiential learning.

1245/2245 Chemistry Advanced

Prerequisite: Anatomy & Physiology or Anatomy & Physiology Advanced

Credit: 1.0 credit, see chart on page 1, Two semesters

Typical Audience: Grade 10 or 11

Chemistry Advanced aligns to the Minnesota Academic Standards in Science and the national standards in health. In this advanced-level introductory course, chemistry students develop an in-depth understanding of matter and the changes it undergoes. Topics of study include modern atomic theory, the periodic table and its trends, chemical and physical properties of matter, bonding in chemical compounds, chemical reactions, solutions, and acid-base chemistry. Advanced chemistry satisfies the chemistry requirement for all students. However, it prepares the college-bound student interested in studying a STEM related field after high school. Additionally, the course emphasizes creative problem solving, student-lead lab activities, and challenging computer simulations with a real-world focus and highlights experiential learning.

This course is a prerequisite for AP Chemistry, which will be offered starting in 2018-2019. Some of the AP labs in this course will assure that students complete all labs prior to the end of the AP course.

1220/2220 Biology

Credit: 1.0 credit, see chart on page 1, Two semesters

Typical Audience: Grade 11 or other, as needed, to meet graduation requirements

Biology aligns to the Minnesota Academic Standards in Science and the national standards in health. This course provides students with an overview of biological processes, from a cellular level to the biosphere. Students learn the various cellular activities required to support life, which include the following topics: biochemistry, cell structure and function, photosynthesis, growth and division, and genetics. Other content areas that will be covered over the course of the year include: evolution, classification and diversity of life, ecology, and bioethical issues pertaining to scientific and technological advances. Students engage in laboratory experiences, projects, and discussions throughout the course. CPR will be taught in this course.

1260/2260 Anatomy and Physiology

Prerequisite: Biology or Biology Advanced

Credit: 1.0 credit, see chart on page 1, Two semesters

Typical Audience: Grade 10 or 11

Anatomy and Physiology aligns to the national standards in Health. This course is a lecture and laboratory-based study of the human body emphasizing the complementary nature of structure and function, molecular and cellular interactions, homeostasis, and metabolic processes. It includes a study of cells, tissues, and membranes, as well as the skeletal, muscular, digestive, immune, endocrine, cardiovascular, respiratory, nervous and reproductive systems.

1265/2265 Anatomy and Physiology Advanced

Prerequisite: Biology or Biology Advanced

Credit: 1.0 credit, see chart on page 1, Two semesters

Typical Audience: Grade 10 or 11

Anatomy and Physiology Advanced aligns to the national standards in Health. This course is a lecture and laboratory-based study of the human body emphasizing the complementary nature of structure and function, molecular and cellular interactions, homeostasis, and metabolic processes. It includes a study of cells, tissues, and membranes, as well as the skeletal, muscular, digestive, immune, endocrine, cardiovascular, respiratory, nervous and reproductive systems. Advanced Anatomy and Physiology places a higher emphasis on the physiological functioning and case study application of each system, with activities focused on reading, research, and scientific writing skills.

1255/2255 Physics Advanced

Prerequisite: Chemistry Advanced

Credit: 1.0 credit, see chart on page 1, Two semesters

Typical Audience: Grade 12

Physics Advanced aligns to the Minnesota Academic Standards in Science. This course helps students develop their scientific reasoning and critical thinking skills and prepare for college. Students have the option to take the AP Physics 1: Algebra-Based exam in May. Advanced Physics is a challenging and engaging course that includes rigorous discussions, application of algebra to physical scenarios, higher-level thinking, and time spent outside class engaged in reading texts and practicing problem solving. Topics covered include Newtonian mechanics; work, energy, and power; mechanical waves and sound; and the basics of electricity and simple circuits.

1200TA/2200TA Teaching Assistant – Science

Credit: 0.5 credit, elective, One semester

Typical Audience: Grades 11, 12

This service learning class provides the opportunity for students to support students in other science classes. Students display evidence of success in the discipline. Students support peers, as directed by the teacher, in small group or individual classroom settings. Students may support the work of teachers through task completion. This course is only available by teacher request.



World Languages

Study of a second language is not required to graduate from SPCPA. However, it is an elective offered in order to meet college and university entrance requirements. Many colleges require a minimum of two years of the same language studied at the high school level. Many selective colleges and universities recommend that students have three or more years of experience with the same language.

Elective Courses	Grade	Prerequisites
American Sign Language (ASL) 1	9, 10, 11, 12	
French 2	9, 10, 11, 12	French 1
French 3	10, 11, 12	French 2
AP French 4	11, 12	French 3
Teaching Assistant – French	11, 12	Approval process
Spanish 1	9, 10, 11, 12	
Spanish 2	9, 10, 11, 12	Spanish 1
Spanish 3	10, 11, 12	Spanish 2
AP Spanish 4	11, 12	Spanish 3
Teaching Assistant – Spanish	11, 12	Approval Process

1521/2521 American Sign Language (ASL) 1

Prerequisite: none

Credit: 1.0 credit, elective, Two semesters

Typical Audience: Grade 9 or 10

American Sign Language 1 is an introductory course that focuses on the acquisition and mastery of skills at the beginning level. Successful students communicate about topics such as family, friends, food, school, time, and weather. They can describe oneself and others, acknowledge one’s feelings and health, talk about likes and dislikes, and leisure activities. American Sign Language (ASL) is a visual/gestural language. This course covers sign vocabulary, sentence structures, dialogue formats through facial expressions and body movements used in signing.

1502/2502 French 2

Prerequisite: French 1

Credit: 1.0 credit, elective, Two semesters

Typical Audience: Grade 10 or 11

The French 2 course is a continuation of the introductory study of the language begun in French 1 and advances students to the intermediate level by continuing their study of present tenses and introducing them to past and future tenses. Students further develop proficiency in reading, writing, speaking, and listening through a study of thematic units aligned with the College Board’s Advanced Placement Themes. Students read basic texts, write simple paragraphs, and converse in real-world situations. Students study the culture and history of the Francophone world.

1503/2503 French 3

Prerequisite: French 2

Credit: 1.0 credit, elective, Two semesters

Typical Audience: Grade 11 or 12

The French 3 course is an intermediate study of the language building on French 2. French 3 further develops accuracy and fluency in reading, writing, speaking, and listening through a study of thematic units aligned with the College Board's Advanced Placement Themes. Students comprehend and communicate in the language in familiar and unfamiliar complex situations. Students study the culture and history of the Francophone world. Level 3 students engage in discussions on such topics as literature, arts, environment and politics. The primary language of this course is French.

1504/2504 AP French 4

Prerequisite: French 3

Credit: 1.0 credit, elective, Two semesters

Typical Audience: Grade 12

AP French prepares students for the AP French Language and Culture Exam. The proficiencies acquired through the study of French language and literature endows students with cognitive, analytical, and communication skills that carry over into many other areas of their academic studies. This course focuses on interpersonal, interpretive and presentational aspects of the French language. The course takes a holistic approach to language proficiency and recognizes the complex interrelatedness of comprehension and comprehensibility, vocabulary usage, language control, communication strategies, and cultural awareness. The AP French Language and Culture course strives to promote both fluency and accuracy in language use and not to overemphasize grammatical accuracy at the expense of communication. This course is entirely in French.

2500TA/2500TA Teaching Assistant – French

Prerequisite: AP French 4

Credit: 1.0 credit, elective, One semester

Typical Audience: Grade 12

This service learning class provides the opportunity for students to support students in other French classes. Students display evidence of success in the discipline. Students support peers, as directed by the teacher, in small group or individual classroom settings. Students may support the work of teachers through task completion. This course is only available by teacher request.

1511/2511 Spanish 1

Prerequisite: none

Credit: 1.0 credit, elective, Two semesters

Typical Audience: Grade 9 or 10

This introductory course focuses on the acquisition and mastery of listening, speaking, reading and writing skills at the beginning level. Successful students communicate about topics such as family, friends, food, school, time, and weather. They can describe oneself and others, acknowledge one's feelings and health, talk about likes and dislikes, and leisure activities. The course topics align with the College Board's Advanced Placement Themes. By the end of the course students recognize and manipulate infinitives; understand and apply the concepts of number and gender in relation to noun and adjective agreement and placement; conjugate verbs in the present tense as well as some commonly used irregular verbs, and form and answer basic questions in Spanish.

1512/2512 Spanish 2

Prerequisite: Spanish 1

Credit: 1.0 credit, elective, Two semesters

Typical Audience: Grade 10 or 11

The Spanish 2 course is a continuation of the introductory study of the language begun in Spanish 1 and advance students to the intermediate level by continuing their study of present tenses and introducing them to past, future, and perfect tenses, as well as the conditional mood. Students further develop proficiency in reading, writing, speaking, and listening through a study of thematic units aligned with the College Board's Advanced Placement Themes. Students read basic texts, write simple paragraphs, and converse in real-world situations. Students continue to study the culture and history of the Spanish-speaking world.

1513/2513 Spanish 3

Prerequisite: Spanish 2

Credit: 1.0 credit, elective, Two semesters

Typical Audience: Grade 11 or 12

Spanish 3 is an introduction to the intermediate study of the Spanish language. Students build greater vocabulary, grammar, and cultural understanding. Successful students increase their ability to function in the Spanish-speaking world by improving their proficiency in reading, speaking, listening, writing, and cultural understanding. Students explore topics such as current events, art, media, environmental concerns, family, professions and social awareness. With the use of authentic texts, materials, videos, and music students build skills learned in previous levels. This course is conducted mainly in Spanish.

1514/2514 AP Spanish 4

Prerequisite: Spanish 3

Credit: 1.0 credit, elective, Two semesters

Typical Audience: Grade 12

AP Spanish prepares students for the AP Spanish Language and Culture Exam. The proficiencies acquired through the study of Spanish language and literature endows students with cognitive, analytical, and communication skills that carry over into many other areas of their academic studies. This course focuses on interpersonal, interpretive and presentational aspects of the Spanish language. The course takes a holistic approach to language proficiency and recognizes the complex interrelatedness of comprehension and comprehensibility, vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and course strives to promote both fluency and accuracy in language use and not to overemphasize grammatical accuracy at the expense of communication. This course is entirely in Spanish.

1500TA/2500TA Teaching Assistant – Spanish

Prerequisite: AP Spanish 4

Credit: 1.0 credit, elective, One semester

Typical Audience: Grade 12

This service learning class provides the opportunity for students to support students in other Spanish classes. Students display evidence of success in the discipline. Students support peers, as directed by the teacher, in small group or individual classroom settings. Students may support the work of teachers through task completion. This course is only available by teacher request.

