

2025 – 2026

BLOOMING PRAIRIE HIGH SCHOOL

REGISTRATION BOOKLET

The registration process is beginning for all students attending Blooming Prairie High School in the year 2024-2025. This is a very important process for all students and parents. A plan needs to be developed to accomplish the student's educational goals. Parents and students need to ask and answer questions that may determine the student's future. Some of these questions are:

- What are my goals concerning education? (Four years of college, vocational or technical school, work, the military, etc.)
- What are my interests? (Science, Math, English, vocational, business, etc.)
- What courses do I need to take to meet my educational goals?
- Will I meet what is needed to graduate? (Local and state graduation requirements)

After all questions have been answered, then it is important that students recognize the following requirements to graduate from Blooming Prairie High School:

1. All students need twenty-five (25) credits to graduate. These credits must include the following:

- 4.0 credits of English
- 4.0 credits of Social Science
- 3.0 credits of Math taken in grades 9-12
- 3.0 credits of Science (must have Biology and Chemistry or Physics)
- 1.0 credit of Physical Education taken in grades 9-12
- 0.5 credit of Health
- 0.5 credit of Financial Management taken in grades 10-12
- 1.0 credit of Fine Arts (**see paragraph below)
- 8.0 credits of electives

**A fine art credit means that the student needs to take a year's worth of a fine arts class. Blooming Prairie will consider the following classes a year's worth of fine arts.

- ✓ Two (2) semesters of Art
- ✓ One full year of Band or Choir

2. All students must attempt to receive at least six (6) credits each year, however one of those years a student must attempt to take seven (7) credits.

3. All courses need to be taken during the year they are offered. For example, English 10 must be taken during the sophomore year unless it must be retaken.

ACADEMIC DIRECTORY

AGRICULTURAL DEPARTMENT

Ag Science (Elective, 1/2 credit) Grades 9-12

In Ag Science, students explore the daily impact of agriculture. Students will be introduced to the plants, resources, energy, and animals we use and consume due to agricultural technologies. Every lesson includes unique and engaging hands-on activities and projects encouraging student exploration of the agricultural value chain from industry to consumer. While enrolled in this course, you will earn your agricultural credits that will go towards your FFA Greenhand degree and help earn your FFA Jacket. This course is the foundations that will be used to further your interests, knowledge, and career in the field of agricultural and is a rewarding experience in the workings of the National FFA Organization.

Animal Systems (Elective 1/2 Credit) Grades 11-12

This course explores large animals and career options. Student experiences include exciting “hands-on” activities for each unit. Students will work in teams to learn about large animal history and use, animal systems, animal reproduction and genetics, animal handling and safety, animal nutrition, and animal health. Understanding the general functions of their animals, their systems and their management is important to insure healthy animals with good nutritional products.

Companion Animals (Elective 1/2 Credit) Grades 9-12

What do you need to know to keep a pet healthy? Someday do you want to own an exotic pet? In this class we will learn the basic care needed to keep dogs, cats, small animals, reptiles, birds, and fish healthy and happy. Animals affect our lives in many ways, from pets to products. Understanding the general functions of animal systems and their maintenance is important to everyone to insure healthy companion animals. We will learn through projects, demonstrations with your own animals, field trips, and guest speakers.

Construction Management (Elective, 1/2 credit) Grades 11-12

This is an excellent class for anyone who enjoys working with their hands or would like to learn more about construction techniques. Instructional areas include drafting, job layout, shop planning, safety, job estimation, teamwork skills, problem solving, self-management, blueprint reading and goal setting. You will be expected to keep financial records as well as a record of job tasks completed. During this class, we will be constructing an outdoor storage shed in the shop.

Home Mechanics (Elective, 1/2 credit) Grades 10-12 (Spring)

A lot of different topics will be covered in this course. In electricity we will be studying principles, terms and problems in the classroom, and wiring labs in the shop. In plumbing, we will be learning about parts, fittings, terms and the how-to in the classroom. We will also have labs in the shop that involve copper, galvanized, plastic and CPVC pipe. This course covers the basic operating principles, maintenance, and repair of four-stroke engines. Students will disassemble and assemble an engine in the shop using general and specialized measuring and testing instruments and tools. We also will be covering designing buildings and designing different types of shops. There will also be some carpentry tasks within this course too. A unit of career opportunities within the construction field will also be discussed.

Horticulture (Elective 1/2 Credit) Grades 9-12 Spring Semester

This course is designed to provide students with the opportunity to explore various aspects of the plant pathway of the agriculture industry. Hands-on experiences in both the greenhouse and classroom will be an essential part of this class. Basic plant propagation, greenhouse production, and environmental control will be covered in this class. Understanding of general plant functions and plant purposes will help students to appreciate the plants that decorate their world.

Independent Living (Elective 1/2 Credit) Grades 11-12

So, school has prepared you for success in college or the work force, but it's possible that you might not be ready for some of the tasks that pop-up in your daily life. This class is designed to help prepare students for the little or big challenges that can face them once they are on their own after high school. In this very hands-on DIY (do-it-yourself) class, basic maintenance relating to homes and cars will be covered. Students will learn to check automotive fluids, change a tire, change oil, and more. General carpentry, electrical, and plumbing skills will be taught. Students will also learn about the basic hand and power tools that many homeowners choose to utilize. Of course, once on your own, you'll have to prepare your own meals. The class will also learn about basic, affordable meal preparation and food safety. Other topics covered will relate to budgeting, time management, and communication. In the end, students will be better prepared to take care of many of their own problems and will depend less on parents, friends, or costly repair companies to address issues that arise

Introduction to Woods (Elective 1/2 Credit) Grades 10-12

Introduction to woodworking is an overview to the field of wood technology. This course provides students with an in-depth introduction to the woodshop and the student will gain practical knowledge needed to work on their own projects or continue with lifelong skills in woodworking and construction. Students will construct various teacher assigned projects as well as create, design and build personal projects of their choice with teacher guidance and supervision. Students will learn to read project drawings, knowledge of woods and uses, calculations of materials, numerous joinery designs, wood lamination and project procedures. A major emphasis will be placed on shop safety, proper hand and power tool usage and wood processes.

Advanced Woodworking (Elective, 1/2 credit) Grades 11-12

Prerequisite: Introduction to Woods

This course will be a continuation of Introduction to Woods. In this class the students will also be designing, cutting, and constructing projects that are either a personal project or a class project. Students who wish to do personal projects will be expected to bring in their own wood for those projects. Students who wish to do class projects will be expected to produce high quality wood working projects that will stay with the school. For this class, you'll need to have at least a grade of a C in Intro to Woods to be in this course! This class is for students who are highly motivated and work well independently.

Welding I (Elective, 1/2 credit) Grades 11-12

This course covers the fundamentals that are associated with arc, oxy-acetylene, and wire feed welding. Students will develop safe welding habits and demonstrate proper use of tools in metal working and welding. A unit of career opportunities within the welding field will also be discussed. This includes principles of operation, safety, and metal fabrication. Most of the time will be devoted to perfecting your welds in various positions using all three different types of welders. This is a very hands-on course!

Metal Fabrication (Elective, 1/2 credit) Grades 11-12

Prerequisite: Welding I

This course will be a continuation of Welding I, in the fact that you will be allowed to perfect the skills you have gained in Welding I. We will also be doing work with CAD (Computer Aided Drafting). We will also be doing a lot of hands-on work with the computerized plasma cutting table. In this class the students will also be designing, cutting, and constructing large metal projects that are either a personal project or a class project. **For this class, you'll need to have at least a grade of a C in Welding I to be in this course!** This class is for students who are **highly motivated and work well independently.**

Wildlife & Fisheries (Elective 1/2 Credit) Grades 11-12

This course would begin to prepare students for careers in the DNR, forestry, wildlife management, and fisheries areas. Students will focus on Large Game Animal, Small Game, Upland Game Bird, Waterfowl, Boone & Crockett Antler scoring and Fish Identification will also be covered. Hands on projects are a part of this class in each unit. Guest speakers, field trips, and a fishing pole project will supplement this class.

Small Gas Engines (Elective 1/2 Credit) Grades 10-12

Small Gas Engines (SGE) is an introduction to the Mechanical Systems in Agriculture Pathway. Students will use small gas engines as the instructional tool. Students will practice technical skills, including documenting an engine teardown and assembly, engine measurements, troubleshooting, completing work/repair orders, and reading a service manual when needed.

Vocational Work Seminar and Work Experience Program Grades 11-12

(Elective, 2 period block, 2 credits, yearlong course)

Prerequisite: Teacher Pre-approval for 11th graders. Passing grades for all other classes is required and a steady attendance is required too!

The student will be required to fill out an application during their summer vacation.

This is an excellent class for anyone who wants to gain on-the-job skills and gain credits toward high school graduation. Instructional areas include advertising and promotion, human relations, personal finance, record keeping, problem solving skills, self-management, workplace ethics, sales presentations, job interviews, and goal setting. The student must be employed within the first week of the school year with an employer that is approved by the instructor. The student will be required to keep a complete set of financial records as well as records of the skills and knowledge gathered while on the job. The program is set up such that the class will meet on every Monday during 6th and 7th hours. Tuesdays through Fridays, you'll report to your place of employment during the 6th and 7th hour class periods. **One of the main requirements: You will need to be scheduled to work every day from 1:10 to 2:46 (Tuesdays through Fridays)**

ART DEPARTMENT

ART I - Intro to 2-D ART: (ELECTIVE, ½ CREDIT, 1 SEMESTER) GRADES 9-12

Introduction to 2-Dimensional Art provides the requisite information to begin the creative process. The elements and principles of 2-Dimensional Design receive much attention through historical examples and hands on activities. Form, Line, Shape, Value, Texture, Color, and Space are the foundation from which we build. Drawing, Painting, Printmaking, Collage, Computer Generated Art, and Mixed Media are common tools for the artist during this semester. Statements written by the artist accompany all “Show Quality Compositions.”

DRAWING AND PAINTING: (ELECTIVE, ½ CREDIT, 1 SEMESTER) GRADES 9-12

Prerequisite: ART I – Intro to 2-D ART

Drawing and Painting from observation and photo references derived by the artist (not the internet). Drawings and paintings include still life, landscape, portraiture, and figure drawings. Subject matter, composition, perspective, line, value, texture, and other applicable design basics apply.

INTRO TO 3-D ART: (ELECTIVE, ½ CREDIT, 1 SEMESTER) GRADES 9-12

Prerequisite: ART I – Intro to 2-D ART

This course explores the application of Form, Line, Shape, Value, Texture, Color, and Space to 3-Dimensional Projects. Paper, Cardboard, Hand built clay, Wheel-thrown clay vessels, plaster, assemblage, wire, are commonly used in the 3-D Lab. Statements written by the artist accompany all “Show Quality Compositions.”

2-D ART LAB: (ELECTIVE, ½ CREDIT, 1 SEMESTER) GRADES 9-12 (Can be taken more than once)

Prerequisite: ART I – Intro to 2-D ART

Students selecting 2-D Art Lab apply their knowledge of the elements and principles of design to 2-Dimensional works to further develop their portfolio. Teacher led projects begin to give way to student generated projects regarding subject matter, media, and style. Statements written by the artist accompany all “Show Quality Compositions.”

3-D ART LAB: (ELECTIVE, ½ CREDIT, 1 SEMESTER) GRADES 9-12

Prerequisite: Intro to 2-D Art (ART I) AND Intro to 3-D Art

Students selecting 3-D Art Lab apply their knowledge of the elements and principles of design to 3-Dimensional works to further develop their portfolio. Teacher led projects begin to give way to student generated projects regarding subject matter, media, and style. Statements written by the artist accompany all “Show Quality Compositions.”

College Now (PENDING APPROVAL)

**NEW CLASS PENDING APPROVAL: Art 100 – Introduction to Visual Art – 3 credits
(ELECTIVE, ½ CREDIT, 2 SEMESTERS) GRADES 10-12**

Designed to introduce the basic studies student to the attitudes and philosophies that relate to creative production in the visual arts and to help develop a positive attitude to the arts through the study of theory, styles of art history, structure and periods of art combined with an active art gallery program.

**NEW College in the Schools CLASS: Art 102 – Foundations of Art & Design: 2D - 3 credits
(ELECTIVE, ½ CREDIT, 2 SEMESTERS) GRADES 10-12**

In this course students explore the visual elements and the organizing principles of design in a 2D context. Various media will be used in studio assignments that investigate concepts covered in lectures and readings. A vocabulary will be established that will enable students to discuss their works in a group setting.

**NEW CLASS PENDING APPROVAL: Art 103 – Foundations of Art & Design: 3D - 3 credits
(ELECTIVE, ½ CREDIT, 2 SEMESTERS) GRADES 10-12**

An introduction to three-dimensional design, this course covers vocabulary and basic principles of art through a series of practical assignments designed to develop creative thinking and problem-solving skills. Students will work with various media and studio production methods to produce 3D work. Analysis of work will involve group discussion and formal critiques.

BUSINESS EDUCATION DEPARTMENT

Financial Management (Required, 1/2 credit, 1 semester) Grades 10-12

This course is designed to develop skills and knowledge that enables an individual to make effective choices throughout their lifetime. Every person is a consumer, regardless of his/her age, income, or job. Understanding how to make decisions, use resources wisely, and exercise rights and responsibilities in the marketplace is important for survival and will be discussed and practiced in class by using the high school financial planning program, computer software, guest speakers, and field trips to local businesses.

Accounting (Elective, 1 credit, full year course) Grades 11-12

Accounting I deals with the keeping of financial records and understanding of business practices. It is of value to the student preparing for an office occupation or career in accounting or business management. It includes the use of the computer in the practical applications of the principles of accounting. **For people planning to operate a business of their own, Accounting would be a necessity.**

Business, Marketing, and Entrepreneurship, (Elective, 1/2 credit, 1 Semester) Grades 10-12

An Entrepreneur is a person who attempts to earn a profit by taking the risk of operating their own business enterprise. Thousands of people become entrepreneurs each year. This class will help you understand what it is like to be an entrepreneur and what is involved in starting a business. Students will develop an understanding of economic concepts and the marketing functions. Some of the topics taught using simulations, projects and activities will include--supply and demand, business opportunity, creating a business plan, market research, business law, product development, and pricing and promotional strategies.

Introduction to Coding (Elective, 1/2 credit, 1 Semester) **Grades 9-12**

Note: This class is offered every other year. The next time it will be offered is in the 2025-2026 school year.

Introduction to Coding is a half-year course aimed at exposing students to the world of coding. Coding, the language of the future, is used in every piece of technology. Intro to Coding is intended for students with no previous background and teaches how to code in a fun and systematic way.

The course starts by introducing students to iOS development tools (developer and compiler), basic programming concepts using Swift as the language, and industry best practices. Building on this foundation, students will follow a step-by-step curriculum, working through practical exercises, creating apps from scratch, all while building the mindset of an app developer. Students will be equipped with programming fundamentals which will allow them to learn any programming language. The focus of the course will be on problem solving, critical thinking skills, and collaboration, culminating to the development of a final more elaborate app, and a final project of writing code to make a drone fly through an obstacle course.

Advanced Coding with SWIFT (Elective, 1/2 credit, 1 semester) Grades 10-12

Prerequisite: Intro to Coding

Advanced Coding is a half-year course designed to teach high school students the skills needed to be an app developer capable of bringing their own ideas to life.

Building on the foundations learned in Intro to Coding, students will follow a step-by-step curriculum, working through practical exercises, creating apps from scratch, and building the mindset of an app developer. Throughout the course there will be five progressively challenging guided projects, each preceded by multiple lessons that cover the concepts and skills required to build the app. At the end of the course students will finish with a personal project that encourages students to create an app of their own design.

Peer code review will be an integral part of Advanced Coding. Code review is a crucial part of any app development. Reading someone else's code and having one's own code read by others—has many benefits. It will develop critical thinking, create pride of ownership, and highlight ways to improve.

By the end of the course students should have the skills and knowledge required to create real-world apps that adhere to many industries best practices. Equally important, they'll have a solid foundation to support their continued learning as they create more complex apps on their own.

Students may take Advanced Coding as a weighted course. Students will need to complete one advance project beyond the class curriculum. See Mr. Gimbel for details.

.

FAMILY & CONSUMER SCIENCES

Foods I (Elective, 1/2 credit, 1 semester) Grades 9-12 offered both semesters.

If you are open to tasting a variety of foods and learning how to survive in the kitchen, now and when living on your own, this will be a fun class for you. We will do basic food preparation, including fruits, vegetables, pastas, omelets and other! There will be a fee for this class.

Advanced Foods (Elective, 1/2 credit, 1 semester) Grades 9-12

Prerequisite: Foods I. Offered second semester only.

This course is an extension of Foods I. You will have fun preparing and tasting foods, including appetizers, deep fat frying, calzones, salads, sandwiches, soups, and other. Also included will be creativity of food preparation and the how-to of entertaining, menu planning, and table service! There will be a fee for this class.

Baking and Pastry (Elective, 1/2 credit, 1 semester) **Grades 9-12 Offered both semesters**

Prerequisite: Foods I

Students in Baking and Pastry Arts take on the world of pastry chefs. Baking principles and procedures will be examined and applied through hands-on practice and weekly food labs. Possible cooking units include pastries, pies, and tarts, shortened cakes, whipped-cakes, cake decorating, quick breads, yeast breads, and other baked goods of student interest.

Child Development (Elective, 1/2 credit, 1 semester) Grades 10-12

This class will discuss the many phases of childhood and the corresponding phases of parenting. The class will discuss conception, heredity, prenatal growth and development, birth defects, being born, the newborn, and the physical, social, emotional, and intellectual development of infant through pre-school children. We will also interact with students at the elementary school. Students will also work with the Real Care Baby. Class will also include guest speakers, videos, and projects.

Child Development II (Elective, ½ credit, 1 semester) Grades 10-12 Not offered 2025-2026

Prerequisite: Child Development I

This course is an extension of Child Development I. Students will learn about the child from age 4-12 years of age. We will also cover health and safety, family challenges, and early childhood education. Students will interact with students at the elementary school. Class will also include guest speakers, videos, and projects.

***College credit will be offered for those who earn no less than a B for the final grade in Child Development I and Child Development II.

Creative Foods (Elective, ½ credit, 1 semester) Grades 10-12 Not offered 2025-2026

Prerequisite: Foods I

What does it take to develop a new product? This course is designed to show students just that. Working in small groups, students will develop a new food product. They will work collaboratively to prepare, package, and market their product. Students will create gingerbread houses, food trucks, and have a cupcake war competition There will be a fee for this class.

International Foods (Elective, 1/2 credit, 1 semester) Grades 9-12 Not offered 2025-2026

Prerequisite: Foods I

Investigate traditional foods in the African, Asian Indian, Chinese, and Italian Cuisine and many more. You will have fun preparing and tasting food from all over the world. You will also become familiar with the religions and holidays from the different countries. There will be a fee for this class.

LANGUAGE ARTS DEPARTMENT

Note: 12th grade students must take either College English or English 12 to satisfy the 12th grade English credit.

English 9 (Required, 1 credit, full year course)

The class covers three general areas of study: literature, grammar, and composition. The approach in literature is the study of literature forms such as the short story and poetry, drama, and novels. Films are used to supplement the reading. Students should improve reading skills and gain an appreciation and understanding of reading and literature. The study of grammar includes knowledge of basic sentence structure and an understanding of how we use language. Accepted usage is also emphasized and practiced in the part of the class dealing with composition. The purpose of this part of the class is to improve the student's ability to communicate his/her thoughts in both written and spoken language.

English 10 (Required, 1 credit, full year course)

The main objectives of this class are to encourage reading, strengthen writing skills, build vocabulary, and enhance public speaking proficiency. Each quarter students are required to read 500 pages of an independent reading book of their choice. Each week, students are introduced to a new vocabulary list. A quiz on these words will be administered every Friday as well as a quarter test at the end of each quarter. Quarter 1 is dominated by grammar. Students will routinely receive worksheets for this unit. No textbook is issued in Quarter 1. Students will study punctuation, components of a sentence, and how to write effective paragraphs. Quarters 2 and 3 are ruled by literature. We will read the classic novel, *To Kill A Mockingbird*, by Harper Lee, Shakespeare's *The Tragedy of Julius Caesar*, and F. Scott Fitzgerald's *The Great Gatsby*. Quarter 4 is dedicated to public speaking. Students will write and deliver a variety of speeches.

English 11 (Required, 1 credit, full year course)

Included in this course is a complete and comprehensive study of the mechanics of grammar, including parts of speech, parts of sentences, clauses and phrases, sentence structure and sentence punctuation. There is emphasis on transferring these rules to actual writing. Also included is the study of literature. A survey of American Literature showing early America and its culture through its literature within an historical framework or period will be studied. In addition, an intensive study of modern novels will be covered.

English 12 (1 credit, full year course)

Composition and Research (1 semester) Grade 12

A concentrated study of the four basic kinds of writing—description, exposition, narration, and creative writing—with emphasis on grammatical structure and corrections; and a major project of study involving the research paper, following the MLA Handbook format.

English Literature (1 semester) Grade 12

This is a survey course with a primary focus on the development of the English language and British literature.

College English (Elective, 1 credit, 1.2 weighted grade, full year course) Grade 12.

Prerequisite: English 11, & Principal & Teacher Pre-Approval (3.0 GPA Required)

Note: You must be in the SMSU Concurrent enrollment program to take this class.

English 151 and Literature 100 are the college freshmen level English requirements for most state colleges in Minnesota. These courses are sponsored by Southwest State University in Marshall. English 151: Academic Writing focuses on research, writing skill, and using and citing credible sources. Literature 100 is a literature analysis course.

Seven (7) college credits can be earned for the completion of both courses.

- Four (4) credits for English 151: Academic Writing
- Three (3) credits for Literature 100: Human Diversity

Contemporary Literature (Elective) Grades 10-12

This course will explore major themes in contemporary literature. Students will read, discuss, and analyze literary selections. They will study different authors' styles and techniques. They will study and write about a variety of works including literature from different cultures, authors, and societies. The course will help students become more culturally literate and globally aware while developing vocabulary, reading, comprehension, and composition skills. **This course may be taken as a semester course or as a full year course.**

MATHEMATICS DEPARTMENT

Algebra I (Required, 1 credit, full year course)

Prerequisite: Pre-Algebra

This course is designed to help the student:

- 1) understand the basic structure of algebra;
- 2) recognize the techniques of algebra;
- 3) acquire facility in applying algebraic concepts and skills;
- 4) perceive the role of deductive reasoning; and
- 5) appreciate the need for precision of language. This course guides the student in discovering mathematical principles and then furnishes him/her with a wealth of exercise material to strengthen comprehension of these principles.

Intermediate Algebra I description:

This course is designed to reinforce Algebra I topics in more depth for greater success in Geometry and Algebra II. Students will learn polynomial rules, factoring, rational expressions, exponents and quadratic equations.

Geometry (Required, 1 credit, full year course)

Prerequisite: Algebra I

Emphasizing logical reasoning and spatial visualization skills enhances this comprehensive course. This course includes both plane and solid geometry integrated in each unit. The purpose of the course is to show the place and part geometry plays in our everyday living and to develop systematic figures formed by combinations of these. The course is for students planning to attend college, vocational, or technical school after high school, and to understand concepts needed for everyday life.

Algebra II (credit, full year course)

Prerequisite: Geometry & Algebra I

This course is designed to review the basic algebraic concepts, then to proceed to many of the same topics found in Algebra I with more complex problems. More work is done with quadratics, graphing, and applications and, also, the concept of logarithms is introduced and used in the solution of problems. The language of sets and functions is included in this course. This course is required for graduation for most students.

HS Exploratory Math: (1 credit, full year) Must have Principal & Teacher Pre-Approval

This is a differentiated class that includes: Algebra, Geometry, Probability, and problem-solving topics. This class works 80% of the time in a self-paced math program on their iPad or laptop to best fit each student's needs, with minimal direct instruction. To succeed in this class, students must be able to focus on the math instruction given through their devices.

Pre-Calculus (Elective, 1 credit, full year course)

Prerequisite: Algebra II

The course is an advanced mathematics course offered in our school. The course includes advanced topics in Algebra, mathematical structures, matrices, sequences, and series. Also, advanced topics in number systems, functions, sequences, and series are included. Both basic and advanced topics in Trigonometry, Probability and Statistics are worked on. This course introduces students to working with graphic calculators. This course is strongly recommended for those planning on engineering, medicine, and related fields, and for those who plan on a college major in the field of science and mathematics.

College Algebra / Statistics and Probability (Elective, 1 credit, full year course) Grades 11-12. Prerequisite: Algebra II, & Principal & Teacher Pre-Approval

College Class info for College Algebra – SMSU Math 110 – College Algebra

College Class info for Statistics and Probability – SMSU Math 200 – Introduction to Statistics

This class is an alternative to Pre-Calculus for students who have completed Algebra II in their sophomore or junior years. This class is part of the College Now program through Southwest State University and students will earn college credit if they qualify. Half of the year will be devoted to College Algebra. Topics will include algebraic problem solving, functions, graphs, polynomial and rational functions, exponential and logarithmic functions. The second half of the year will be spent studying statistics and probability. The focus of this part of the class will involve probability distributions, graphical analysis, hypothesis testing, and analysis of real-world statistics. Technology items that will be used in both halves of the class will include graphing calculators, spreadsheets, computer graphing applications, and the Internet for statistical research. This course is highly recommended for those students not enrolled in Calculus or Pre-Calculus and who plan on attending a two- or four-year college.

Calculus (Elective, 1 credit, 1.2 weighted grade, full year course) Grade 12.

Prerequisite: Pre-Calculus, & Principal & Teacher Pre-Approval

College Class info – SMSU Math 150 – Calculus I

A year course devoted to the topics in differential and integral calculus. This class is part of the College Now program through Southwest State University and students will earn college credit if they qualify.

Math Track 1

7th Grade: Prealgebra

8th Grade: Algebra I

9th Grade: Intermediate Algebra I

10th Grade: Geometry

11th Grade: Algebra II

Options for 12th Grade:

No math – you will already have 3 credits to meet graduation requirements.

College Algebra/Statistics for 6 college credits

Precalculus

Math Track 2

7th Grade: Prealgebra

8th Grade: Advanced Algebra I

9th Grade: Geometry

10th Grade: Algebra II

Options for 11th Grade:

College Algebra/Statistics for 6 college credits

Precalculus

Options for 12th Grade:

College Algebra/Statistics for 6 college credits

Precalculus

Calculus for 5 college credits

* High School Exploratory Math Class is an optional class upon recommendation of the Math Department

MUSIC DEPARTMENT

****BOTH SENIOR HIGH CHORUS AND SENIOR HIGH BAND MAY BE REPEATED FOR ONE CREDIT TO A MAXIMUM OF FOUR CREDITS.**

Senior High Chorus (Fine Arts or Elective, 1 credit, full year course) Grades 9-12.

Senior High Chorus is a class designed to allow the student self-expression of music in a group situation. Music from a variety of mediums and styles will be rehearsed and performed. Emphasis is placed on posture, articulation/diction, breathing, rhythm, pitch, technique, musicality, and performance. Opportunity will be given for vocal solo/ensemble literature. **Seniors may now take Choir as a weighted course, Senior Choir Plus. This is only available during your senior class year if this is your 4th year in the program. See Ms. Bottin for details.**

Concert Choir (Fine Arts or Elective, 1 credit, full year course) Grades 10-12 Prerequisite.

Prior success in choir, vocal audition, invitation from choir director. Concert Choir is a class designed to develop strong musicianship through challenging vocal literature. Music from a variety of styles and time periods will be performed. Emphasis will be placed on reading music, musicianship, technique, and performance at the highest level. Opportunity will be given for solo/ensemble vocal literature and will focus on the development of individual vocal skills. Seniors may take this as a weighted course, Concert Choir Plus. This is only available during your senior year if this is your 4th year in the choir program. See Ms. Bottin for details.

Senior High Band (Fine Arts or Elective, 1 credit, full year course) Grades 9-12

Prerequisite: Junior High Band or director invitation.

Band is a rewarding course where students study and perform challenging music for the community in several ways including Pep band, one parade, graduation, all pep fests, four concerts and band festivals. Band students also assist in conducting, recruiting, and mentoring elementary students, Senior High Band enrollment is required for the following extracurricular music groups/events: Solo and Ensemble Festival, Honor Bands, Large Group Festival, All band trips, and Jazz Band. Senior High Students are also eligible to earn a Varsity Letter in band.

Seniors may now take Band as a weighted course, Senior Band Plus. This is only available during your senior class year if this is your 4th consecutive year in the program. See Mr. Reishus for details.

Independent Study: Guitar – (Fine Arts or Elective, 1/2 credit, 1 semester)

Open to Grades 11-12 only

****This class may be repeated up to one more time for a maximum of 1 credit.**

Students will learn beginning techniques on either acoustic guitar or electric guitar depending on their preferences. Printed materials will include TAB books, as well as standard music notation lesson books. While students are welcome and encouraged to bring their own guitars, a school one can be provided for a non-refundable fee of \$50 per semester. Guitar course work will include daily work, arranged lessons with Mr. Reishus as well as independent work both in and outside of class. This course may be repeated up to one more time, **with instructor approval**, in order to learn more advanced techniques for a total of 1 full arts credit. Since each student works independently, students with some guitar experiences are still encouraged to sign up, as your instruction will take off from where you are, as opposed to starting completely over. **Students should meet with Mr. Reishus BEFORE signing up for this course. Taking a second semester of guitar is contingent on passing the first semester.**

PHYSICAL EDUCATION & HEALTH DEPARTMENT

Physical Education 9 (Required, 1/2 credit, 1 semester)

The physical education course involves the physical and social development of the student. Personal lifetime fitness is the focus of this class. Activities in this course center around personal choice in building fitness through activities that may be modified and enhanced to increase personal fitness levels. Activities in this course also contribute to personal responsibility, social interaction, sportsmanship, and working with others. To be actively involved, it is necessary for students to dress in proper attire. To be excused from physical education, a written medical excuse must be presented to the instructor. The excuse will be placed in the student's cumulative file folder in the office.

Health Education (Grades 10-12. Required, 1/2 credit, 1 semester)

Health Education is concerned with the behaviors that contribute directly to the student's physical, mental, and social health. The course is concerned with promoting wellness through influencing positive changes in health-related behavior and through knowledge and attitudes that will teach students to act in ways that will allow them to make healthy decisions.

Physical Education Electives Grades 10-12 –

Note: One of the following Physical Education Electives is REQUIRED in grades 10-12.

Advanced Elective Physical Education (Elective, ½ credit, 1 semester) Offered every other year. Not offered 2025-2026. May be offered 2026-2027.

Coeducational physical education is open to sophomores, juniors and seniors who have satisfied their physical education graduation requirements. Some activities offered are badminton, ultimate frisbee, pickle ball, soccer, basketball, volleyball, and softball. This course is designed to develop interest in lifetime physical recreation and to create an environment for those students who have the desire to participate in competitive tournament play.

Lifetime Fitness (Elective, ½ credit, 1 semester) Offered every other year.

Not offered 2025-2026

This physical education class is designed to enhance muscular strength/endurance and cardiovascular endurance. This course is for all students who are interested in achieving fitness goals for life. To assist in reaching individualized fitness goals, all students will be creating a workout plan that meets their needs. The class will consist of three days of weight room workouts, and two days of gym and cardio room activities.

VELOCITY Based Training (VBT) (Elective, ½ credit, 1 semester)

This class is designed for experienced student-athletes who also participate in summer strength and conditioning. Each plan is individualized to promote growth and meet the needs of the learner. This course will incorporate both strength and speed workouts throughout the week.

Outdoor Physical Education (Elective, 1/2 credit, 1 semester) Grades 10-12

Offered every other year. Will be offered 2025-2026.

Note: This class is offered in the fall of every school year.

This physical education class will be based around outdoor activities such as archery, disc golf, Kan Jam, Spikeball, corn hole, badminton, bocce ball, pickle ball, softball, sand volleyball, snow shoeing, hiking, and others. This class will be primarily outside until the weather gets cold then we will finish the semester doing certain activities indoors. There will also be a classroom portion of this class when students will learn more about hunting, fishing, and Minnesota outdoors.

Walking for Fitness (Elective, 1/2 credit, 1 semester) Grades 10-12.

Not offered 2025-2026. On a two-year rotation. May be offered 2027-2028.

This physical education class is an elective offered to students who are interested in improving their physical condition and appearance in a safe and effective manner, suitable for lifelong use. Students will work to develop cardiovascular fitness and behavior modification to maintain proper fitness levels. All while enhancing their overall health.

Referee Certification Course (Elective, ½ credit, 1 semester) Grades 10-12. Offered 2025-2026.

In this course, students will have the opportunity to work online to learn how to officiate and referee in various sports such as volleyball, football, basketball, baseball, and softball. Part of this course will be online, learning the rules and the practice of how to officiate. The other part will be hands on in the gym or in the field getting to referee the sports listed above. Upon completion of this course, there will be opportunities to get paid to officiate for BPRA and possibly lower-level sports at BPHS and beyond.

This course could qualify as a .5 required credit for grades 10-12 or an elective credit.

SCIENCE DEPARTMENT

Geo Science (Required, 1 credit, full year course) Grade 9

This course provides an exploration of the Earth and its dynamic systems, focusing on the history of our planet, the structure and processes of the geosphere, hydrosphere, and atmosphere, as well as an introduction to astronomy. Students will examine the interconnections between Earth's layers, oceans, atmosphere, and space, gaining an understanding of how these systems have evolved over time and how they interact to shape our world today. Throughout the course, students will be provided opportunities to apply scientific concepts in real-world contexts.

Biology (Required, 1 credit, full year course) Grade 10

Biology is a continuation of the concepts learned in 7th Grade Life Science. Biology examines life at all levels - from microscopic to ecosystems. We will spend time looking at important cellular processes that keep all organisms alive and connected to each other. By understanding these processes and the multiple forms of life on Earth, we can see how the impact of modern technology in this field is shaping our world and our future. This course is designed to be informational about how life exists and persists while also informing the average citizen about how the concepts learned in Biology are present in their everyday lives.

Chemistry (Elective, 1 credit, full year course) Grades 11-12. Not offered 2025-2026.

Chemistry is the study of the composition of matter and how it changes. The purpose of this course is to make you aware of the complexity, order, and behavior of matter at the atomic level. Topics we will study include matter, atomic theory, periodicity, chemical formulas, reactions, stoichiometry, energy, bonding, gases, acids and bases, and organic chemistry. Students taking chemistry should have a working knowledge of algebra.

Anatomy and Physiology (Elective, 1 credit, 1.2 weighted grade, full year course) Grades 11-12

Prerequisite: Biology

This class explores the anatomy and physiology of the human body. Throughout this class, we will look at how chemicals control the body through various mechanisms as well as the large-scale aspect of organ systems. A lot of new vocabulary will be introduced in order to explain the intricate details of the body. In addition to how the body is structured, we will also look at how systems function and what happens when they are compromised. This is a great course for anyone looking to enter the medical field after high school or for the curious scientist within.

Contemporary Science (Elective, 1 credit, full year course) Grades 11-12

This is a multi-disciplinary science course that utilizes principles from Chemistry, Physics, Earth Science, and Biology. Topics of study will be determined by the teacher and may not always focus on the same subject matter.

College Chemistry (Elective, 1 credit, 1.2 weighted grade, full year course) Grades 11-12

Prerequisite: Must have a M or greater on the science MCA.

Must have passed math and physical science with a B+ average or taken chemistry and earned a B- average or above.

Or Administrative and teacher approval.

If you graduate in the year 2028 or later, Chemistry is a pre-requisite for this course.

College Class info for College Chemistry II – SMSU Chemistry 231 General Chemistry I

SMSU Chemistry 231 Lab, General Chemistry I Lab

This course allows the student to receive college credit without leaving Blooming Prairie High School. The course is set up with Southwest Minnesota State University in Marshall. Students who qualify will gain four semester college credits which can be transferred to another university later if students choose to attend a different school. The course will begin with general inorganic chemistry in the same way that Chemistry does, but this course will move at a faster pace so that more topics can be taught and knowledge in each topic can be broadened. Topics of study will include atomic theory, stoichiometry, chemical reactions, thermochemistry, chemical bonding and molecular structure, atomic structure, periodicity, and the gas phase.

Physics (Elective, 1 credit, 1.2 weighted grade, full year course) Grades 11-12

Prerequisite: Must have a C or higher in all four quarters of Algebra I and Geometry

Offered every other year. Will be offered 2025-2026.

Physics is the study of matter and the many forms of energy. The metric system and its many units are studied in terms of how mathematics is used to study physical applications of energy. The course includes studying the basic principles of mechanics, heat, sound, light, and electricity. The course consists of about one hour per week doing lab experiments. This course is recommended for students interested in engineering, dentistry, aviation, medicine, veterinary, agriculture, and many others.

Science Track 2025-2026

7 th grade	Life Science
8 th grade	Physical Science
9 th grade	Geoscience
10 th grade	Biology
11 th grade-12 th grade	College Chemistry, Anatomy, Contemporary Science, Physics

Science Track 2026-2027

7 th grade	Life Science
8 th grade	Physical Science
9 th grade	Geoscience
10 th grade	Biology
11 th grade	Applied Chemistry, Chemistry, Anatomy
12 th grade	Applied Chemistry, Chemistry, Anatomy

*** Beginning in 2026-2027, in either 11th or 12th grade, students will need to meet the Physics or Chemistry requirement. You will need to choose from Applied Chem, Chemistry (required for College Chem), or Physics.***

Science Track 2027-2028

7 th grade	Life Science
8 th grade	Physical Science
9 th grade	Geoscience
10 th grade	Biology
11 th grade	Applied Chemistry, Chemistry, Anatomy, Physics
12 th grade	College Chemistry

Descriptions for Geoscience and Applied Chemistry will be in the 2025-2026 registration book

SOCIAL DEPARTMENT

United States History (Required, 1 credit, full year course) Grade 9

Understanding our country's past is necessary in order to be a part of its future. This year-long course will cover many events and themes throughout American history from the pre-Columbian period through the present day. Students will learn skills in critical historical thinking, research, argument, writing, presentation, and educational technology.

World History (Required, 1 credit, full year course) Grade 10

This course will cover the development of a variety of nations, regions, and cultures. Emphasis will be placed on the significant people and events that have shaped the world. We will also follow current events to better understand how past decisions and events have influenced our present world.

Geographic Perspectives (Required, 1 credit, full year course) Grade 11

This course uses geospatial skills to examine places & regions, human systems and human-environment interaction. We will examine diverse perspectives through various culture traits. We will reflect upon how these perspectives make up our global community. Activities will include GIS, reading, lecture, presentations, group work, partner work, quizzes, tests, reading data, literature, writing, and current events.

Government and Economics (Required, 1 credit, full-year course) Grade 12

Government will be taught on several scales, from international relations and comparative politics to local elections and active citizenship. Economics topics will similarly range from economic decision-making and markets in microeconomics to national and global economies in macroeconomics. Students will be expected to show mastery of social studies skills in creative and critical thought by the end of the course.

WORLD LANGUAGES

Spanish I (Elective, 1 credit, full year course) Grades 9-12

Spanish I introduces the student to all four language skills: listening (understanding), speaking, reading, and writing. A basic vocabulary is established and beginning study of Spanish and Hispanic culture is started.

Spanish II (Elective, 1 credit, full year course) Grades 10-12

Prerequisite: Spanish I

Open to students in grades ten to twelve who have taken Spanish I. Spanish II is a continuation of Spanish I with more advanced grammar, reading, and writing assignments. The second semester especially stresses oral communication.

College Spanish III (Elective, 1 credit, full year course) Grades 11-12

Prerequisite: Spanish II

The purpose of the course is to continue, at an advanced level, the development of skills in speaking, listening, reading, and writing, completing the study of the fundamentals of grammar, and putting skills to practice through the use of Spanish in the classroom. This course is conducted mostly in Spanish.

College Spanish IV (Elective, 1 credit, 1.2 weighted grade, full year course) Grade 12.

Prerequisite: Spanish III

The purpose of the course is to continue, at an advanced level, the development of skills in speaking, listening, reading, and writing, completing the study of the fundamentals of grammar, and putting skills to practice through the use of Spanish in the classroom. This course is conducted almost entirely in Spanish.

What is College Now?

College Now is SMSU's concurrent enrollment program. Concurrent enrollment (also called "dual credit" or "dual enrollment") allows qualified high school students to earn college credit in their high school, during their regular school day. College Now classes are taught by qualified high school teachers and supervised by SMSU faculty members.

College Now classes are actual SMSU courses where students earn actual SMSU credit. There is no cost to the student for these courses, providing an outstanding opportunity for students to earn college credit and jump start their college careers without incurring additional debt.

Benefits of Participating in College Now

The advantages to taking College Now courses are numerous:

- It allows students to earn college and high school credit simultaneously.
- It's an alternative to the senior doldrums.
- It's a great transition and introduction to university study.
- It allows for more flexible scheduling upon enrollment at the university.
- It allows earlier completion of general education requirements.
- It's a demonstration of a commitment to university admissions officials.
- It may lead to early completion of a degree program.
- Unlike AP, it concludes with a college grade on a college transcript; AP courses are high school courses that teach to a "one shot" test and may not even count toward general education requirements.

Student Eligibility Requirements

Seniors - need to meet **one** of the following requirements:

- a 3.0 GPA or above in high school
- be in the top half of their graduating class
- score in the 50th percentile on a nationally standardized test

Juniors - need to meet **one** of the following requirements:

- a 3.0 GPA or above in high school
- be in the top third of their graduating class
- score in the 70th percentile on a nationally standardized test

Students not meeting these standards can complete the [College Now Student Appeal](#) if interested in earning college credit.

Southwest Minnesota State Marshall (SMSU) courses offered at Blooming Prairie High School

Fall Term:

Name of BPHS Class & HS Credits

Name of SMSU Course & College Credits

College Algebra .5 credit

Math 110 College Algebra 3 credits

Calculus 1 credit

Math 150 Calculus 5 credits

College Chem 1 credit

Chem 231 General Chem 3 credits

Chem 231L Lab 1 credit

College English .5 credit

Eng 151 Academic Writing 4 credits

Spanish III 1 credit

Span 201 Intermediate Spanish I 3 credits

Spanish IV 1 credit

Span 202 Intermediate Spanish II 3 credits

Spring Term:

Statistics .5 credit

Math 200 Intro to Stats 3 credits

College English .5 credit

Lit 100 Human Diversity 3 credits

Total College Credits Offered 28 credits