St. Mary's Academy
2024-2025
Course Catalog

We believe in climbing, in thriving, in setting the pace.

St. Mary's Academy

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St. Mary's Academy Mission Statement

St. Mary's Academy, sponsored by the Sisters of the Holy Names of Jesus and Mary since 1859, is a Catholic high school for young women, providing a challenging, college-preparatory education in a vibrant learning environment. Guided by the values and charism of the Sisters, St. Mary's fosters a diverse community and educates the whole person by nurturing spirituality, encouraging creativity, promoting justice, and inspiring a sense of global interdependence to prepare students for service and leadership.

School-wide Learner Expectations

In the quest to create self-directed, life-long learners, St. Mary's Academy expects all graduating seniors to:

1. Read and listen critically.
2. Communicate effectively, both verbally and in writing.
3. Utilize and analyze a variety of resource types.
4. Employ effective and creative strategies in reasoning and problem solving.
5. Grow in content knowledge and skill mastery through an array of methods.
6. Develop a deeper understanding of and respect for diverse cultures and traditions.
7. Demonstrate integrity, ethical decision-making skills, and respect for self and others.
8. Engage in an active exploration of faith and spirituality.

Graduation Requirements

St. Mary's Academy provides a comprehensive academic experience through course offerings and graduation requirements that incorporate the school-wide learner expectations, the values of the mission statement, and the expectations of colleges and universities. Below is an outline of the credits required for graduation.

St. Mary's Academy Graduation Requirements	
Theology	4 years, 8 semester credits
English	4 years, 4 credits
Social Science	3.5 years, 3.5 credits
Mathematics	3 years, 3 credits (must include Algebra 2)
Science	3 years, 3 credits (Physics, Chemistry, Biology)
World Language	2 years, 2 credits (must be consecutive years in the same language)
Fine Arts	1 year, 2 semester credits
Health	1 year, 2 semester credits
Physical Education	1 year, 2 semester credits
Speech	0.5 years, 1 semester credit
Information Science	0.5 years, 1 semester credit
Electives	1.5 years, 3 semester credits
Minimum Total Required for Graduation	25 credits

While the minimum total number of credits required for graduation is 25, most students will graduate with approximately 28 credits since students must be enrolled in 7 classes each semester. The only exceptions to that are Senior Study Privilege and an approved Study or Study Block. For more information on Senior Study Privilege and Study or Study Blocks, please consult page 7.

St. Mary's Academy Grade Scale

LETTER GRADE AND PERCENTAGE SCALE *

Letter	% Range	Letter	% Range	Letter	% Range	Letter	% Range
A+	100	B+	87.5-89.4	C+	77.5-79.4	D+	67.5-69.4
A	91.5-99.9	B	81.5-87.4	C	71.5-77.4	D	61.5-67.4
A-	89.5-91.4	B-	79.5-81.4	C-	69.5-71.4	D-	59.5-61.4
						F	59.4 and below

GPA POINT SCALE

Standard Scale		Notes	Honors Scale	
Symbol	Points		Symbol	Points
A+	4.333		A+	5.333
A	4.000	Excellent	A	5.000
A-	3.667		A-	4.667
B+	3.333		B+	4.333
B	3.000	Above Average	B	4.000
B-	2.667		B-	3.667
C+	2.333		C+	3.333
C	2.000	Average	C	3.000
C-	1.667		C-	2.667
D+	1.333		D+	2.333
D	1.000	Below Average	D	2.000
D-	0.667		D-	1.667
F	0.000	No Pass, No Credit	F	0.000

Forecasting for Classes

During second semester each year, St. Mary's Academy students forecast for the next school year's courses. Students have designated time during the school day over at least a two-week timeframe to work through this process.

With assistance from their Teacher Advisor (TA), parents, and current teachers, students identify their interests and goals, review the available courses, monitor their graduation progress, and create a **balanced** academic course load for the following year. Department Chairs, Counselors, the Registrar, and Administrators are also available to assist students with this process.

The forecasting selections students make during this time are used to create the master schedule for the following school year, so students should think carefully about the selections they make, particularly regarding elective year-long classes, and should keep in mind that changes to their forecasting may not be possible.

All forecasting materials must be submitted by the designated due date. Students who turn in forecasting materials late may limit their course choices.

Once the forecasting period is complete, the Registrar and the Vice Principal of Academics use this information to create the master schedule for the following school year, including scheduling students into classes. Any requests to change forecasting or scheduling should be directed to the Registrar's Office.

Schedule Changes

Once the school year begins, students who wish to make a change to their schedule must complete a schedule change form, provided by the Registrar. Completion of this form includes obtaining signatures from current and new teachers, parents, counselors, and the Vice Principal of Academics before the schedule change will be made.

Students must attend their original courses until the form is completed and the student receives confirmation from the Registrar that their schedule has been changed in PowerSchool.

If a student withdraws from a course, the student's permanent record may reflect one of the following marks:

Semester-Long Courses

- If the withdrawal occurs within the first two weeks of the semester, no mark is recorded on the transcript
- If the withdrawal occurs after the first two weeks of the semester, a mark of **W** (withdrawal) is recorded on the transcript

Year-Long Courses

- If the withdrawal occurs within the first two weeks of the **year**, no mark is recorded on the transcript
- If the withdrawal occurs after the first two weeks of the **year**, a mark of **W** (withdrawal) is recorded on the transcript
- Students who drop a year-long course at the semester will receive a mark of **W** (withdrawal) for second semester and may only replace the course with an elective in that same block
- Students who drop a year-long course at the semester must meet with their college counselors to understand the impact this may have on the college application process
- Seniors who drop a year-long course at the semester will be required to take **ALL** of their finals in second semester

Senior Study Privilege

With written parental permission, seniors may opt to have ***one semester*** designated as a Senior Study Privilege. Students ***MUST*** forecast for Senior Study Privilege blocks during the designated forecasting period. If a senior does not forecast for a Senior Study Privilege block during the designated forecasting period, then they waive their opportunity to do so. Senior Study Privilege blocks ***will not*** be added after the forecasting period, ***no exceptions***. If a senior chooses to remain in the building during their Senior Study Privilege block, they must study in the Hive, cafeteria, or student commons. The privilege may be forfeited if a student is in a non-designated area of the building, or if they have attendance, academic, or conduct infractions.

Study and Study Blocks

Students who need specific academic supports may be eligible for a Study or Study Block. These courses are offered in the Academic Support Center (ASC), which is staffed by teachers who provide assistance with study skills or support in a study hall.

A Core team comprised of the Vice Principal of Student Life, the Vice Principal of Academics, the Director of Academic Support, and the Counselors meets to asses specific student accommodations, including those students who may be eligible for a Study or Study Block. Students may only enroll in these courses with the approval of the Core team.

Students enrolled in a Study will earn .5 credits for one semester only. Any subsequent Study Blocks will not result in any earned credit.

Honors, Advanced Placement, and PSU Challenge Courses

In English, Fine Arts, Information Science, Math, Science, Social Science, and World Language, St. Mary's Academy offers some courses at the Honors, Advanced Placement (AP®), or PSU Challenge level. Most of these courses are alternatives to the required level core course (example: Honors English 10 versus English 10), but some are elective options beyond the core courses (example: AP® Biology). Enrollment in Honors, AP®, and PSU Challenge courses does require the approval of the department during the forecasting period. Parental approval is also required when students enroll in more than two Honors, AP®, or PSU Challenge courses due to the scope and requirements of these courses.

Honors courses study content in greater depth and at a quicker pace than standard St. Mary's college-prep courses. Enrichment topics are added to the curriculum. Standards in reading, writing, calculation, and critical thinking are higher. Learning is more independent.

AP® courses follow this more rigorous curriculum as well, but also culminate in a national exam given by the College Board. Scores on these exams may qualify students for college credit or advanced standing as determined by the particular college they attend.

PSU Challenge courses also follow this more rigorous curriculum. Students who complete PSU Challenge courses are eligible for college credit through Portland State University in addition to the high school credit earned through St. Mary's. An additional registration fee payable to PSU is required to earn college credit.

Even with departmental approval to forecast for an Honors, AP®, or PSU Challenge course, students should consider the following before choosing to forecast for the course:

- Do I have a passion for this subject matter?
- Do I want to explore this content in more depth?
- Am I willing to spend more time on this subject, do more work in this course (even if not assigned), and strive to meet higher standards in my work?
- Do I have the time to commit to this course and still fully participate in my other activities? (family, friends, church, sports, SMA co-curricular activities, clubs, work, etc.)
- Will I be able to balance the stress this course may add or cause?
- Will I be satisfied even if I do not earn an A in this course?
- What other Honors, AP®, or PSU Challenge courses am I planning to take?

Students should also consider the following qualities and skills that will help them be successful in an Honors, AP®, or PSU Challenge course:

- Persistence and resourcefulness
- Positive attitude
- Ability to self-start and self-direct
- Effective and efficient time management
- Curiosity and desire to investigate at length
- Capacity to see and explore multiple perspectives
- Knowledge that failures are feedback
- Attention to detail
- Ability to work well independently or with others to achieve a goal
- Creative thinking
- Responsibility and accountability for their own actions

Course Offerings and Descriptions

Courses offered at St. Mary's Academy are listed in the following pages, organized alphabetically by department (English, Fine Arts, Health and PE, Information Science, Mathematics, Science, Social Science, Theology, World Language). In reviewing the available courses, students should carefully note the differences between required, elective, selective, and co-curricular courses.

Required: Students must successfully complete these courses in order to graduate. (The only exceptions are in the Health and PE Department where some requirements may be met by multiple different courses.)

Elective: These are optional courses that fulfill elective credits and contribute to a student's overall credit total for graduation. Students must complete a minimum of 1.5 elective credits in order to graduate.

Selective: Students must obtain departmental approval in order to forecast for these courses. These are mostly Honors, AP®, and PSU Challenge level courses.

Co-Curricular: These are optional courses that are offered outside of regular school day hours. Credit is awarded based on the number of instructional hours involved in participating in the course.

English Department

Vision Statement: Through reading and analyzing a variety of literary works, the English Department develops critical readers and thinkers, and encourages a love of learning, a passion for literature, and pride in self-expression.

Course Offerings

English 9

Grade Level: 9
Prerequisite: None
Credit: Required (1.0)
Length: 1 Year

In English 9, students build a solid foundation in reading critically and in writing literary analysis. Students write both creative and analytical compositions, focusing on how to enhance the following aspects of composition: ideas and content, organization, sentence structure, word choice, voice, and writing conventions. Contextual vocabulary words are studied as part of a yearlong focus on using sophisticated language in academic writing. In literature, students study the distinguishing features of short stories, poetry, novels, and a Shakespearean drama, analyzing how those elements contribute to the overall meaning and beauty of literary works.

English 10

Grade Level: 10
Prerequisite: English 9
Credit: Required (1.0)
Length: 1 Year

In English 10, students further develop their critical reading and literary analysis skills, with special emphasis on drama and the novel. Although students write in multiple formats, the concentration in this course is on analytical writing about literature. Focus is placed on continuing to enhance the following aspects of composition: ideas and content, organization, sentence structure, word choice, voice, and writing conventions. Students also continue to build vocabulary and enhance their fluency in reading and writing.

Honors English 10

Grade Level: 10
Prerequisite: English 9
Credit: Selective (1.0)
Length: 1 Year

In Honors English 10, students focus on the same skills as students in English 10, but with additional, more challenging literary selections, more complex compositions, and higher-level vocabulary. Standards in reading, writing, and critical thinking are also more advanced. Students must have departmental approval in order to forecast for this course. For Honors/AP® English course enrollment criteria, please consult page 15.

English 11

Grade Level: 11
Prerequisite: English 10 or Honors English 10
Credit: Required (1.0)
Length: 1 Year

In English 11, students concentrate on a survey of American Literature from the 16th century to the present. This survey includes the works of major American authors and poets, as well as the historical and philosophical contexts that gave rise to movements in American literature. Students examine both traditionally privileged and underrepresented narratives to engage the diverse voices that comprise our literary canon. Writing instruction continues to focus on ideas and content, organization, voice, word choice, sentence structure, and writing conventions. A special emphasis is placed on literary criticism and research, including the completion of a critical response project.

AP® English Language and Composition

Grade Level: 11
Prerequisite: English 10 or Honors English 10
Credit: Selective (1.0)
Length: 1 Year

In AP® English Language and Composition, students explore the historical and philosophical contexts that shaped movements in American literature from the 17th century to the present. Students will concentrate on critically reading and analyzing both fiction and non-fiction prose, with special attention to craft and rhetorical strategies. In their writing, students will focus particularly on voice and persuasive strategies, as well as synthesizing and evaluating sources through essays of varied lengths, including a literary research paper. The level of reading, discussion, and writing will be equivalent to the rigor of a college English or Humanities course. The course prepares students to take the AP® English Language and Composition Exam in May.

Students must have departmental approval in order to forecast for this course. For Honors/AP® English course enrollment criteria, please consult pages 15-16.

English 12

Grade Level: 12
Prerequisite: English 11 or AP English Language and Composition
Credit: Requirement (1.0)
Length: 1 Year

In English 12, students focus on a particular literary idea or thematic topic in each semester. Each course examines the specific cultural influences and philosophical movements that gave rise to the literature covered in the semester, including a brief study of relevant historical background for each unit. Students hone their literary analysis skills by examining themes, symbols, diction, syntax, and styles of works from different time-periods. In addition to writing analytical compositions, in each first semester course students write and receive feedback on their personal statements for college applications. Students forecast for one English 12A course (first semester) and one English 12B course (second semester).

English 12A Courses:

Literature of Protest and Revolution: Personal or Political

This course focuses on *love* as the ultimate tool for subtle and overt protest. Units of study ask students to consider their beliefs about the following: love of the earth, self-love, romantic love, love of neighbor and foe, and love of the "other". Literature and theory guide and challenge students to consider who humanity deems worthy of love and how to love when it feels impossible. This course offers a rich, college-like experience that centers on student voice and inquiry. In addition to preparing students for college-level writing and thinking, special emphasis is placed on close reading and analysis, as well as the art of discourse. Texts reflect a range of voices and identities that support the given philosophy.

Eco-Literature and Earth Stories

Through a variety of texts in fiction, non-fiction, poetry, and film studies, this course offers students the opportunity to consider profound and diverse topics associated with the climate crisis facing the planet. Honoring a broad collection of voices, essential questions for the course focus on the nuanced human connection with the Earth, including: How can a study of literature inform our understanding of the relationship between the biosphere and ethnosphere? What comprises the historical, cultural, racial, spiritual, and political influences on the environmental movement and its literature? Who has been included and excluded from this area of study and to what end? Using a combination of teacher-directed mini lessons with student-centered, inquiry-based, and community-based learning, activities are designed to ensure that each student's point of view is invited and valued.

English 12B Courses:

A Woman's Place: Changing Expectations in Home, Work, and Love

Who is objectifying whom? For what are we fighting? Can we have it all and what does that mean? This course invites students to wrestle with these questions by examining the founders, focal issues, and effectiveness of the waves of feminism. Students will also study the shifting ways in which women have occupied the different spheres of their lives during various time-periods. Through these discussions, students will attempt to identify modern feminist icons, goals, and values, and explore their impact on our present and future worlds.

Encountering "The Other"

In this course, students examine works of literature focused on the dichotomies of identity and alienation, community and individuality, hypervisibility and invisibility. Through reading modern and contemporary works, including essays, poetry, short stories, creative non-fiction, and novels, students will consider how language and literature provide opportunities for imagining and interpreting the experience of "the other". Central questions include: Who, or what, is "the other"? How do encounters with "the other" frame our understanding of human interaction? How is a story about another person, place, or time also a story about us? In addition to writing analytically in various forms, this course culminates with a final project in which students synthesize and articulate a more personal response to stories and storytelling.

AP® English Literature and Composition

Grade Level: 12
Prerequisite: English 11 or AP® English Language and Composition
Credit: Selective (1.0)
Length: 1 Year

In AP® English Literature and Composition, students will explore British literature from the early medieval period to the modern era, with some work in American and world literature. Students will also refine their skills in close textual analysis, timed writing, and argumentation. This seminar-style course is designed to stimulate students' growth as reflective, analytical writers and to give the same engaging, rigorous experience that they would find in a college or university classroom. Although the course focuses on strategies for composing shorter analytical essays, students will also write a personal college essay and prepare a research presentation. This course prepares students to take the AP® English Literature and Composition exam in May. Students must have departmental approval in order to forecast for this course. For Honors/AP® English course enrollment criteria, please consult pages 15-16.

Contemporary Fiction

Grade Level: 11, 12
Prerequisite: English 10
Credit: Elective (.5)
Length: 1 Semester

In this course, students will study four to six contemporary (post 20th century) novels – at least two selected by the teacher, and two or three selected by the class under the teacher's direction. The course will focus on student discussion and leadership, including each student researching, planning, and presenting activities for one of the novels as a part of a group. Students will also engage in creative responses to literature, drawing on theories of literary criticism. Throughout the course, students will develop analytical, research, and seminar-style discussion skills, as well as an appreciation for contemporary literature.

Creative Writing

Grade Level: 10, 11, 12
Prerequisite: English 9
Credit: Elective (.5)
Length: 1 Semester

Creative Writing concentrates on the craft of writing in the following genres: poetry, short story, memoir, and creative non-fiction. Students will sharpen their current writing skills while developing their own styles and voices. Students will journal regularly in class and engage in skill building exercises while working toward the completion of polished pieces of writing. Analyzing published writers' work, participating in self-evaluation and peer response groups, and revising their own compositions are also integral parts of the process.

Creative Writing 2

Grade Level: 10, 11, 12
Prerequisite: Creative Writing
Credit: Elective (.5)
Length: 1 Semester

Creative Writing 2 concentrates on the craft of writing fiction, creative non-fiction, and poetry. Students will build on and deepen the skills they gained in Creative Writing, as well as continue to participate in self-evaluation and peer response groups, writing exercises, and revision of their own compositions. Students may also explore more complex issues of their craft, including the pursuit of one genre in greater depth. A particular focus of this course is the development of the writer's own unique vision and style.

Speech

Grade Level: 10, 11, 12
Prerequisite: English 9
Credit: Required (.5)
Length: 1 Semester

Speech emphasizes the preparation, presentation, organization, and analysis of oral communication. This course also covers the communication process, nonverbal messages, and listening skills. Students will compose individual informative, impromptu, and persuasive speeches, as well as collaborate on group projects regarding civil discourse, debate, and/or performance skills.

Yearbook

Grade Level: 10, 11, 12
Prerequisite: English 9
Credit: Elective (.5 or 1.0)
Length: 1 Semester or 1 Year

In this course, students will participate in all phases of yearbook production, including graphic design, copy writing, photography, layout design, theme development, and business procedures. This course provides an excellent opportunity to build teamwork and cooperative skills, as well as hone computer, art, and writing skills. No experience is necessary, but strong writing and technological skills, as well as a flair for creativity, are encouraged. Top editorial positions will be decided based on experience and leadership skills. This course may be taken more than once.

Criteria for Enrollment in an Honors or AP® English Course

Students must have departmental approval to enroll in Honors English 10, AP® English Language and Composition, or AP® English Literature and Composition. All students applying for an Honors or AP® English course should consistently exhibit the qualities and skills necessary for success in an Honors level course (please see page 8).

Honors English 10

- Earn an A in first semester English 9
- Complete and turn in a high-quality application for Honors English 10
- Meet criteria on Profile of an Honors English Student (please consult your current English teacher's Schoology page)

AP® English Language and Composition

- Earn an A in first semester English 10 or a B in first semester Honors English 10

- Complete and turn in a high-quality application for AP® English Language and Composition
- Meet criteria on Profile of an Honors English Student (please consult your current English teacher's Schoology page)

AP® English Literature and Composition

- Earn an A in first semester English 11 or a B in first semester AP® English Language and Composition
- Complete and turn in a high-quality application for AP® English Literature and Composition
- Meet criteria on Profile of an Honors English Student (please consult your current English teacher's Schoology page)

Fine Arts Department

Vision Statement: Through appreciation, creation, and performance, the Fine Arts Department encourages students to discover and develop their artistic skills, produce and interpret expressive forms of communication, and recognize the importance of the arts in enriching their lives, as well as the world around them.

Course Offerings

Freshman Fine Arts Rotation

Grade: 9
Prerequisite: None
Credit: Required (1.0)
Length: 1 Year

In this 1-year course rotation, students are introduced to the rich tradition of visual and performing arts at St. Mary's Academy. Students explore and study the foundations of dance, music, theatre, and visual arts through these two semester-long courses:

- Dance/Visual Arts Appreciation
- Music/Theatre Appreciation

Dance Courses

Beginning Dance Technique

Grade Level: 9, 10, 11, 12
Prerequisite: None
Credit: Elective (.5) or Required (.5 – if taken to fulfill a PE credit)
Length: 1 Semester

In this course, students of all levels develop their skills in technique and performance. Students will focus on classical technique in Western Cultural Dances, while also learning the histories of each form. Students study four different forms of dance and perform original choreography in each style. Required activities include participation in daily technique lessons, peer and self-evaluation, and performance preparation and presentation. This course may fulfill a PE credit or a Fine Arts credit.

Intermediate Dance Technique

Grade Level: 10, 11, 12
Prerequisite: Beginning Dance Technique (or instructor approval)
Credit: Elective (.5) or Required (.5 – if taken to fulfill a PE credit)
Length: 1 Semester

This course builds on the skills of Beginning Dance Technique to further develop students as both technical dancers and movement artists. Students will focus on refining personal movement goals through technique lessons. Students will also learn about dance making skills through choreographic practice in small and large groups. Required activities include participation in daily technique lessons, journal reflections, dance research, the study of current prominent movers, choreographing dances, peer and self-evaluation, screen dance, and performance preparation and presentation. This course may fulfill a PE credit or a Fine Arts credit.

Advanced Dance Technique

Grade Level: 10, 11, 12
Prerequisite: Intermediate Dance Technique (or instructor approval)
Credit: Elective (.5) or Required (.5 – if taken to fulfill a PE credit)
Length: 1 Semester

This course is oriented toward proficient dancers, specifically those interested in choreography and performance. Students will participate in rigorous technique lessons to help them formulate complex thoughts and themes into meaningful pieces of art. They will create group and individual choreography that applies their matured skills and expresses their unique, artistic voices. Required activities include participation in daily technique lessons, journal reflections, choreographing dances, peer and self-evaluation, dance research, dance pedagogy, and performance preparation and presentation. This course may fulfill a PE credit or a Fine Arts credit.

Music Courses

Class Piano (Levels 1-4)

Grade Level: 9, 10, 11, 12
Prerequisite: None
Credit: Elective (.5)
Length: 1 Semester

Students in these courses study and practice piano technique and music literacy. These courses are recommended for any student interested in playing the piano, regardless of whether the student has prior piano experience. Beginning students will learn to read music on the staff, while students in levels 2 and above will improve their note reading skills. All students will study rhythm, various scales and chords, key signatures, music terminology, and learn level-

appropriate repertoire. Students who have completed one or more semester of Class Piano in a previous term at St. Mary's will be enrolled in the next sequential level of the course. Students with other prior piano or music experience will be assessed at the beginning of the semester and placed in the appropriate level of the course. These courses prepare students to take Music Theory and Composition and teach foundational skills for other music ensemble classes at St. Mary's, as well as basic keyboard skills for those students pursuing music at the college level.

Orchestra

Grade Level: 9, 10, 11, 12
Prerequisite: Audition (or instructor approval)
Credit: Selective (1.0)
Length: 1 Year

Orchestra is an auditioned performance ensemble. Students perform at the Christmas and spring concerts, as well as other special community and school events. Rehearsals focus on developing good ensemble skills, sight-reading, ear training, and performance techniques in a variety of musical styles and genres. Orchestra students are eligible to participate in the Oregon Music Educators Association solo and ensemble competition in the spring. Orchestra meets one day per week for 1.5 hours after school. Attendance at all rehearsals and performances is mandatory.

Camerata: Advanced String Ensemble

Grade Level: 9, 10, 11, 12
Prerequisite: Audition (or instructor approval)
Credit: Selective (1.0)
Length: 1 Year

Advanced String Ensemble is an auditioned performance ensemble like Orchestra, with students studying and performing more challenging music. Instrumentalists taking private lessons are encouraged to audition for Advanced String Ensemble. Rehearsals focus on developing good ensemble skills, sight-reading, ear-training, and performance techniques in a variety of musical styles and genres. Students perform in the Christmas and spring concerts, as well as other special community and school events. Advanced String Ensemble students are eligible to participate in the Oregon Music Educators Association solo and ensemble competition in the spring. Advanced String Ensemble meets once per week for 1.5 hours after school. Attendance at all rehearsals and performances is mandatory.

Piano Ensemble

Grade Level: 9, 10, 11, 12
Prerequisite: Audition (or instructor approval)
Credit: Selective (.5)
Length: 1 Year

Piano Ensemble is an auditioned performance ensemble. Students in the ensemble perform as a group, in duets and trios, and occasionally with instrumentalists in chamber music settings. This course focuses on the role of the pianist as a collaborator, and on further developing keyboard skills. Piano Ensemble meets once per week for 1.5 hours after school and performs at the Christmas and spring concerts, as well as other special community and school events. Students also have the opportunity to participate in the Oregon Music Teacher Association (OMTA) festivals and competitions, as well as events with the Music Teachers National Association (MTNA). Attendance at all rehearsals and performances is mandatory.

Marian Singers: Advanced Choir

Grade Level: 10, 11, 12
Prerequisite: Audition (or instructor approval)
Credit: Selective (1.0)
Length: 1 Year

Marian Singers is an auditioned vocal performance ensemble. Students study proper breathing techniques, vocal health, choral blend and intonation skills, sight singing, ear training, music literacy skills, and choral repertoire representing a variety of musical genres, cultures, and languages. Students perform at school liturgies, the Christmas and spring concerts, music festivals, and other special community and school events. Marian Singers compete annually in the OSAA choir competition. Students also have the opportunity to participate in the Oregon Music Educators Association solo and ensemble contest, as well as the option to audition for the Oregon All-State Choir. Marian Singers meets two days per week for 1.5 hours after school (Tuesdays and Thursdays) and occasionally have extended (2 hour) rehearsals. Attendance at all rehearsals and performances is mandatory.

Music Theory and Composition

Grade Level: 10, 11, 12
Prerequisite: Music Appreciation (Class Piano recommended)
Credit: Elective (.5)
Length: 1 Semester

In this course, students study the structure of music through the analysis of music and original compositions. This course is very important for students planning to continue music after high school. Students explore all elements of music in depth, including the elements of sound, music notation, tonality, modality, style/genre, timbre, expression, melody, harmony, rhythm, and ear

training. Units of study include major and minor key signatures, harmonic structures and functions, harmonic analysis, keyboard skills, and musical terminology. **Prerequisite skills:** ability to identify pitch in both treble and bass clefs, ability to read basic rhythmic patterns, beginning level keyboard skills. A minimum of 1 year of experience in choir, orchestra, piano, or band, or the completion of one semester of Class Piano, is recommended before students enroll in this course.

Music Theory and Composition 2

Grade Level: 11, 12
Prerequisite: Music Theory and Composition (or instructor approval)
Credit: Elective (.5)
Length: 1 Semester

In this course, students continue their study of the structure of music through the analysis of music and original compositions via independent and collaborative work. Students will continue to study all elements of music studied in Music Theory and Composition in-depth. Additional topics covered in this course include modes, transposition, cadences and non-harmonic tones, and detailed analysis of music.

Rose Choir

Grade Level: 9, 10, 11, 12
Prerequisite: None
Credit: Elective (1.0)
Length: 1 Year

Rose Choir is a non-auditioned vocal ensemble group open to all students in grades 10-12 who enjoy singing. Students study proper breathing techniques, vocal health, choral blend and intonation skills, sight singing, ear training, music literacy skills, and choral repertoire representing a variety of musical genres, cultures, and languages. Students prepare and rehearse music for performances at the Treble Festival, League Festival, and Christmas and spring concerts. Students also have the opportunity to participate in the Oregon Music Educators Association solo and ensemble competition, and to audition for the All-State Choirs. Rose Choir meets during 0 block on Mondays, Wednesdays, and Fridays. Attendance at all rehearsals and performances is mandatory.

Show Choir and A Cappella

Grade Level: 10, 11, 12
Prerequisite: Music Appreciation
Credit: Elective (.5)
Length: 1 Semester

This course is offered in alternate years. It will not be offered in the 2024-2025 school year but will be offered in the 2025-2026 school year.

In this course, students focus on performing jazz and contemporary (pop) a cappella arrangements and show choir literature. Students will work on programming a well-balanced set of music (opener, comedic, medley, ballad, closer), using appropriate vocal styling and choral choreography (including basic movement and dance), and staging. Students study proper breathing techniques, vocal health, choral blend and intonation skills, sight singing, ear training, music literacy skills, and choral repertoire in the contemporary a cappella, Broadway, jazz, and show choir genres. Students will rehearse and develop a fully choreographed set for performance at the spring concert.

Theatre Courses

Theatre 1: Beginning Acting and Technical Skills

Grade Level: 9, 10
Prerequisite: None
Credit: Elective (.5)
Length: 1 Semester

In this course, students will focus on skills in either acting or technical theatre. Each student will choose an area of emphasis, and students from both groups will collaborate to produce a one-act play using the skills learned throughout the course. This course will feature guest directors and artists, field trips, and live theatre viewing. All students will pay a "play viewing" fee in lieu of buying a textbook for the course and will see live theatre performances outside of SMA when available.

> *Acting Emphasis:* Students will study practical and theoretical models of acting and participate in various exercises to develop their acting skills. Students will study and perform scenes and monologues from contemporary and classical plays.
>
> *Technical Theatre Emphasis:* Students will study costuming, set, lighting, and sound design, as well as how to use these mediums to illuminate story and character. Students will construct scenery and costumes, and use basic lighting and sound techniques in the one-act play.

Theater 2: Intermediate Acting and Technical Skills

Grade Level: 10, 11, 12
Prerequisite: Theatre 1 (or instructor approval)
Credit: Elective (.5)
Length: 1 Semester

In this course, students will build on the acting or technical theatre skills they developed in Theatre Appreciation, Theatre 1, or extra-curricular theatre activities. Each student will choose an area of emphasis, and students from both groups will collaborate to produce a one-act play using the skills learned throughout the course. This course will feature guest artists and live theatre viewing. All students will pay a "play viewing" fee in lieu of buying a textbook for the course and will see live theatre performances outside of SMA when available.

> *Acting Emphasis:* Students continue to develop their characterization skills through acting exercises, scene work, and a variety of performances. Performances might include a one-act play produced with the technical theatre students and participation in the Thespian Acting Competition and/or Thespian State One-Act.
>
> *Technical Theatre Emphasis:* Students continue to develop their theatrical design skills, as well as learn technical implementation skills. Students produce a one-act play with the acting students, lead projects to support the current mainstage production, and become "Core Tech" (technical support for school assemblies, Mass, concerts, etc.). Students may also have the opportunity to work with outside theatre groups, as well as submit designs to the State Thespian Competition.

Theatre 3: Advanced Acting and Technical Practice

Grade Level: 11, 12
Prerequisite: Theatre 2 (or instructor approval)
Credit: Elective (.5)
Length: 1 Semester

In this course, students will further hone their skills in their chosen area of emphasis (acting or technical theatre), while working on advanced projects preparing them for future work and participation in theatre. Students will produce a culminating project/performance to be showcased at the end of the semester. This course will feature guest artists and live theatre viewing. All students will pay a "play viewing" fee in lieu of buying a textbook for the course and will see live theatre performances outside of SMA when available. Students are encouraged to take this course if they are interested in playwriting, directing, designing for a mainstage show, or auditioning for theatre in college.

Musical Theatre

Grade Level: 9, 10, 11, 12
Prerequisite: None
Credit: Elective (.5)
Length: 1 Semester

This course is offered in alternate years. It will be offered in the 2024-2025 school year but will not be offered in the 2025-2026 school year.

In this course, students will develop the basic skills of musical theatre performance: acting, singing, and dance/movement. Students will integrate these skills through rehearsal, critique, and performance. Students will also study important topics in the history of musical theatre.

Visual Art Courses

AP® Studio Art: 2D Design, Drawing, 3D Design

Grade Level: 11, 12
Prerequisite: Application, Instructor Approval, Completion of Summer Work
Credit: Selective (1.0)
Length: 1 Year

AP® Studio Art is an academically rigorous course that allows experienced and serious artists to investigate specific areas of art in depth. Over the course of the year, students prepare a portfolio of artwork in one of two categories: 2D Design, Drawing, or 3D Design. This portfolio is submitted to the AP® College Board for grading in May. During first quarter, students will experiment with a variety of media and start investigating individual concepts and ideas. For the remainder of the year, students work on their individual Sustained Investigation, consisting of at least 15 pieces around a topic of their choice. Readings, process writing, and sketchbook activities are assigned with each project, and students are required to work consistently and independently. Students who elect to take this course should be self-motivated and self-directed, as well as cooperative, responsible art students.

Ceramics 1

Grade Level: 9, 10, 11, 12
Prerequisite: None
Credit: Elective (.5)
Length: 1 Semester

In this course, students study ceramic hand-building techniques and construction, wheel throwing, and glazing. Students practice building functional and sculptural ceramic works. Emphasis in this course is placed on craftsmanship and sensitivity to aesthetics.

Ceramics 2

Grade Level: 10, 11, 12
Prerequisite: Ceramics 1
Credit: Elective (.5)
Length: 1 Semester

In this course, students build on the techniques developed in Ceramics 1 and refine their skills with both hand-built and wheel thrown forms. Emphasis is placed on design and glazing.

Ceramics 3

Grade Level: 10, 11, 12
Prerequisite: Ceramics 2
Credit: Elective (.5)
Length: 1 Semester

In this course, students will complete projects that expand their conceptual and functional ceramic building practice. They will create proposals and timelines while researching contemporary and historical ceramics practices for inspiration and skill building. Students will also explore what it looks like to create ceramics work in the art market from a product design perspective, including creating multiples and budgeting time and materials.

Drawing 1

Grade Level: 9, 10, 11, 12
Prerequisite: None
Credit: Elective (.5)
Length: 1 Semester

In this course, students will develop fundamental drawing skills using a variety of media. Contour and value will be emphasized as students learn to draw from observation. Students will develop strategies for drawing with confidence while working with graphite, charcoal, ink, and colored pencils. Students will keep a sketchbook and complete weekly assignments in class.

Drawing 2

Grade Level: 10, 11, 12
Prerequisite: Drawing 1 (or instructor approval)
Credit: Elective (.5)
Length: 1 Semester

Drawing 2 is an intermediate course that focuses on more complex compositions and subjects of the students' choice. Using a variety of drawing media, students will develop their technical skills in contour, gesture, cross contour, foreshortening, and tonal value drawing projects. Students will study the medium of drawing in both historical and contemporary contexts.

Students will also keep a sketchbook and complete weekly assignments in class. This course is recommended for students interested in taking AP® Studio Art.

Painting 1

Grade Level: 9, 10, 11, 12
Prerequisite: None
Credit: Elective (.5)
Length: 1 Semester

In this introductory level course, students will learn basic color theory and painting techniques. Using watercolor, gouache, and acrylics, students will complete a variety of daily activities and large projects to build confidence and competence in the medium. The history of painting, from the Renaissance through contemporary art, will inform the study of technique and subject matter.

Painting 2

Grade Level: 10, 11, 12
Prerequisite: Painting 1 (or instructor approval)
Credit: Elective (.5)
Length: 1 Semester

This intermediate level course builds on the skills learned in Painting 1 and emphasizes experimentation in the medium. Inspired by artists working in both historical and contemporary contexts, projects will vary from realistic to abstract. This course is recommended for students interested in taking AP® Studio Art.

Photography

Grade Level: 10, 11, 12
Prerequisite: None
Credit: Elective (.5)
Length: 1 Semester

This course examines the foundations of photographic seeing, camera operation, and editing using Adobe Photoshop and Lightroom. An in-depth study of historic photo processes and contemporary photography will inform projects. Projects include, but are not limited to, portraiture, studio lighting, landscape, and photo narratives. Students will use DSLR cameras (SMA provided) as well as cellphone cameras.

Printmaking

Grade Level: 10, 11, 12
Prerequisite: Drawing 1 or Painting 1 (or instructor approval)
Credit: Elective (.5)
Length: 1 Semester

This intermediate course provides a foundation in the fundamentals of printmaking. Through in-class projects, students explore the elements and principles of art using a wide variety of traditional and non-traditional media and methods. Projects include, but are not limited to, printmaking, mixed media, book making, and collage. Students will also explore the rich crafting traditions of different cultures to build an understanding of the arts in a global context. This course is designed to open a window to self-expression and awareness that will support further study and portfolio development for the student.

Health and Physical Education Department

Vision Statement: The Health and Physical Education Department challenges and encourages students to find their passion for living a healthy life-style and provides the skills and knowledge necessary to achieve it.

Course Offerings

Anatomy and Physiology 1

Grade Level: 10, 11, 12
Prerequisite: None
Credit: Elective (.5) or Required (.5 – if taken to fulfill Health 2 requirement)
Length: 1 Semester

In this course, students will study the structures and systems of the human body, including the integumentary (skin, hair, nails), skeletal (bones), and muscular systems. Students will learn from guest speakers, class discussions, creating artwork, building muscles out of clay, and completing group projects. Hands-only CPR training will also be covered. This course is recommended for any student interested in learning more about the human body, or medical or health related fields such as athletic training, physical therapy, or kinesiology. It may be taken as an elective or to fulfill the Health 2 requirement.

Anatomy and Physiology 2

Grade Level: 10, 11, 12
Prerequisite: Anatomy and Physiology 1
Credit: Elective (.5)
Length: 1 Semester

This course examines how the body works and what happens when body systems are not working properly. Major body systems covered in this course include the nervous system (brain and spinal cord), cardiovascular system (heart and blood vessels), digestive system, and reproductive system. Students will also study particular diseases and their potential impact on these systems. Students will learn from guest speakers, class discussions, completing group projects, building structures out of clay, and performing dissections. Students must complete Anatomy and Physiology 1 prior to enrollment in this course. The two courses cannot be taken concurrently.

Health 1: Wellness

Grade Level: 9, 10
Prerequisite: None
Credit: Required (.5)
Length: 1 Semester

This course considers what it means to have a balanced life as a whole and healthy person in mind, body, and spirit. Through focusing on wellness, students will learn about healthy daily habits, stress reduction, the power of proper nutrition, and healthy decision-making. Students will also learn strategies for improving mental health and working to de-stigmatize mental health disorders. Healthy relationships, reproductive health and anatomy, consent, and the negative impact of substance abuse on our relationships and bodies will also be studied. All students are required to take this course in order to graduate. This course must be completed in either freshman or sophomore year.

Health 2: Women's and Public Health

Grade Level: 10, 11, 12
Prerequisite: None
Credit: Required (.5)
Length: 1 Semester

This course explores how individual health impacts the health of women and communities as a whole on a local, national, and global scale. Students will examine health problems and solutions affecting the communities we live in and the larger world around us using interactive websites, readings, and hands-on activities. Students will also learn about college life and readiness from a health perspective and will receive training in hands-only CPR. Both individual and group work will be essential to this course. All students must complete this course (or Anatomy and Physiology 1 as an alternative) in order to graduate.

Physical Education

Grade Level: 9, 10, 11, 12
Prerequisite: None
Credit: Required (.5)
Length: 1 Semester

In this course, students will participate in a variety of physical activities, team sports, and games, with an emphasis on communication, collaboration, cooperation, and community building through play. Activities include stretching, power walks, badminton, basketball, flag football, volleyball, bowling, pickle ball, soccer, mat ball, sprout ball, mindfulness, self-defense, and more in order to help maintain a life of health and fitness. Students will take an active role in creating and leading dynamic warm ups and static cool-downs for each unit of study. All students must

take two semesters of PE (or equivalent credit courses such as Dance, Strength and Conditioning, or Yoga) in order to graduate. This course may be taken more than once.

Strength and Conditioning

Grade Level: 9, 10, 11, 12
Prerequisite: None
Credit: Elective (.5) or Required (.5 – if taken to fulfill PE requirement)
Length: 1 Semester

This course is designed to teach students the lifelong skill of personal fitness. Students will develop the fundamentals of athleticism – strength and agility – while focusing on weight training and SAQ (speed, agility, quickness). Core strength, upper and lower body strength, and functional training will also be emphasized, as well as training for all sports. Everyone is an athlete in one way or another. To live functionally in day-to-day life is to be athletic. This course helps develop that inner athlete in all of us. This course may be taken more than once.

Yoga and Mindfulness

Grade Level: 9, 10, 11, 12
Prerequisite: None
Credit: Elective (.5) or Required (.5 – if taken to fulfill PE requirement)
Length: 1 Semester

In this course, students will learn the basic movement patterns and postures of flow-based Vinyasa yoga, as well as how to practice mindfulness. Movements will increase students' core strength and flexibility, but may be modified to meet each student's specific fitness level or to accommodate injuries. Students will learn to link their breath (prana) to their movements (asana), and will explore how to use breathing to decrease physical and emotional stress. Through their mindfulness practice, students will learn to stay more present in their daily lives and be more in-tune with their inner dialogue and thoughts. The language, philosophy, and history of Yoga will also be covered. This course may be taken more than once.

Information Science Department

Vision Statement: We believe in the essential nature of technology literacy and responsibility in our 21st century world. We believe in empowering young women to be builders, creators, dreamers, thinkers, researchers, collaborators, and doers. Above all, we believe that empowered women not only identify problems, they seek solutions.

Course Offerings

AP® Computer Science

Grade Level: 11, 12
Prerequisite: Geometry AND Intro to Computer Science (or instructor approval)
Credit: Elective (1.0)
Length: 1 Year

This AP® Computer Science A course is an in-depth study of the object-oriented programming language called Java. Areas of study include problem solving, design strategies and methodologies, data organization (structures), approaches to data processing (algorithms), and the ethical and social implications of computing. Students explore these concepts through projects, application-related labs, presentations, and field trips (as applicable). This course also emphasizes developing the skills needed to pursue employment in software engineering and other computer programming fields – both current and predicted. Students have the option to take the AP® Computer Science A exam in May. This course may be taken as either an information science credit or as a fourth-year elective math credit.

Intro to Computer Science

Grade Level: 9, 10, 11, 12
Prerequisite: None
Credit: Required (.5)
Length: 1 Semester

This survey course introduces and explores a variety of computer science topics including problem solving, app design, web design, and programming. Students learn the fundamentals of coding in the Python programming language, design and wireframe apps, and create websites using HTML and CSS. By the end of the course, students will have a solid foundation in the basics of computer science that will allow them to confidently move into other courses within the department, or further explore more advanced ideas in computer science.

Principles of Design

Grade Level: 10, 11, 12
Prerequisite: Intro to Computer Science (or instructor approval)
Credit: Elective (.5)
Length: 1 Semester

This course transcends the boundary between the arts and sciences, enabling students to identify the components of an effective design and apply those components to their own creative work. Using industry-standard software, including Adobe Creative Suite, students will develop skills in graphic design, fashion design, product design, and other areas, such as art and engineering, where design thinking is essential.

Advanced Principles of Design

Grade Level: 10, 11, 12
Prerequisite: Principles of Design (or instructor approval)
Credit: Elective (.5)
Length: 1 Semester

In this course, students will expand on the skillset they developed in Principles of Design and will further cultivate their creative confidence through project-based coursework, feedback, and critique. With instructor guidance, students will have the opportunity to direct their own learning in the design fields of their individual interests, and reinforce their learning through helping to mentor others.

Tech Internship

Grade Level: 10, 11, 12
Prerequisite: Intro to Computer Science
Credit: Elective (.5)
Length: 1 Semester

This course is both a hands-on internal IT internship and an independent study. The IT staff will mentor students as they practice their skills in technology, troubleshooting, systems administration, client service, and professionalism. With assistance from the IT staff, students will respond to Tier I and II Tech Help requests. When not performing IT support duties, students will complete self-paced learning modules to deepen their knowledge of computer systems such as Windows, MacOS, and iOS, as well as systems management. Outside of class, students will serve at least 10 hours per quarter at the SMA Student Help Desk during activity blocks or before school, and attend at least one SMA event (e.g. Open House) as IT support. At the end of this course, in addition to credit on their transcripts, students will have resume-ready skills that will support their pursuit of IT internships and paid staff positions.

Leadership Program

Vision Statement: The Leadership Program fosters the development of student leaders who speak in their authentic voices, pilot new ideas with confidence, and cultivate leadership skills in others. The program welcomes all students to an open and inquisitive community of exploration by centering equity and inclusion, lifting up wellness and balance, and embodying the values of the Sisters of the Holy Names of Jesus and Mary.

Course Offerings

Leadership

Grade Level: 11, 12
Prerequisite: None
Credit: Elective (.5)
Length: 1 Semester

This course challenges students to explore various leadership styles and methods while encouraging them to find and grow in their own unique leadership style. Students develop and practice these skills through trial and error in a low stakes, safe environment. Through the use of project-based and experiential learning, as well as time spent with experts in the field, students will employ their critical thinking, communication, and problem solving skills to deepen their understanding of leadership in and out of the classroom. This course also helps students identify their personal values and understand their role in impacting their peers and community. Course grading is primarily competency based and is tailored to meet each student's individual needs. This course is only offered in second semester each year.

Honors Leadership

Grade Level: 12
Prerequisite: Application and election by the student body
Credit: Elective (1.0)
Length: 1 Year

This course challenges students to explore various leadership styles and methods in depth while refining their own unique leadership style and skills. Students in this course serve as Associated

Student Body Officers throughout the year and work with the administration to uphold a positive school culture. Many leaders fall into leadership and acquire their skills through trial and error in high stakes work environments. This course gives students the opportunity to have those experiences and develop the skills necessary to effectively navigate them within a low stakes learning environment that prepares them to use those tools in their future careers. Students also learn to identify their own personal blind spots and understand their role in impacting their constituents and community. Course grading is primarily competency based and is tailored to meet each student's individual needs.

Mathematics Department

Vision Statement: The Mathematics Department facilitates the development of effective problem-solvers and flexible, critical thinkers. We work to construct a foundation of skills and understanding that will result in mathematically confident young women who have broader options for the future.

Course Offerings

Algebra 1

Grade Level: 9
Prerequisite: Pre-Algebra (or equivalent)
Credit: Required (1.0)
Length: 1 Year

All freshman students enroll in this course except those who test out of it by taking the math challenge exam. Topics studied in this course include properties of the real number system, functions, linear equations, and systems of linear equations. This course also covers exponents, quadratics, factoring, simplifying polynomials, and graphing, including the use of graphing technology. Mathematical theory is combined with solving practical problems.

Accelerated Algebra 1

Grade Level: 9
Prerequisite: Some Algebra Content
Credit: Selective (1.0)
Length: 1 Year

This course is for freshman students who have studied some algebra content in middle school, but who have not covered enough content in enough depth to be prepared to move into Geometry. Students must take the math challenge exam and have departmental consent to enroll in this course. Concepts such as solving linear equations and graphing lines are covered minimally in this course. The primary topics covered are quadratics, exponentials, domain and range, and systems of equations and inequalities. This course also focuses on encouraging students to go beyond mastering the process of solving an equation to gain a deeper understanding of the concepts behind the problem-solving method. Graphing technology is used extensively.

Geometry

Grade Level: 9, 10
Prerequisite: Algebra 1 or Accelerated Algebra 1
Credit: Required (1.0)
Length: 1 Year

Geometry is open to all sophomore students, as well as freshmen who take the math challenge exam and have departmental consent to enroll in the course. This course emphasizes logical thinking and helps students understand the properties of basic geometric figures. Topics include transformations, angle relationships, polygons, similarity, congruence, proofs, basic trigonometry, perimeter, area, circles, surface area, and volume.

Honors Geometry

Grade Level: 9, 10
Prerequisite: Algebra 1 or Accelerated Algebra 1
Credit: Selective (1.0)
Length: 1 Year

Honors Geometry is open to freshman and sophomore students who have departmental consent to enroll in the course based on challenge exam results and/or current math course performance. This course emphasizes logical thinking and helps students understand the properties of basic geometric figures. Topics include transformations, angle relationships, polygons, similarity, congruence, proofs, basic trigonometry, perimeter, area, circles, surface area, and volume. These topics, particularly the concept of proofs, will be explored in more depth than in Geometry, and will be supplemented with enrichment topics. Students will be asked to demonstrate advanced understanding of the material throughout this course. Please consult the math forecasting guide on pages 40-41 for details regarding enrollment criteria.

Algebra 2

Grade Level: 11, 12
Prerequisite: Geometry
Credit: Required (1.0)
Length: 1 Year

All students must complete 3 years of math, culminating at minimum in Algebra 2, or an equivalent course (see Algebra 2/Trig and Honors Algebra 2/Trig below) in order to graduate. In Algebra 2, students will review and build on the topics learned in Algebra 1 and Geometry, and will grow as critical thinkers. Major topics of study in this course include functions, systems of equations, transformations, rational expressions, exponential and logarithmic functions, quadratics, and an introduction to trigonometric functions. This course moves at a slower pace in order to help students gain a deeper understanding of topics that may have been challenging in Algebra 1 and Geometry. Graphing technology will be used extensively. Please consult the math forecasting guide on pages 40-41 for details regarding enrollment criteria.

Algebra 2/Trig

Grade Level: 9, 10, 11, 12
Prerequisite: Geometry or Honors Geometry
Credit: Selective (1.0)
Length: 1 Year

Algebra 2/Trig covers more material at a faster pace than Algebra 2. Major topics of study in this course include functions, radicals, 3D graphing, systems of equations (both linear and non-linear), rational expressions, exponential and logarithmic functions, and polynomials. Circular trigonometry and extensive coverage of transformations and trigonometric functions are also covered. Graphing technology will be used extensively. Students must have solid algebra and geometry skills and departmental consent to enroll in this course. Please consult the math forecasting guide on pages 40-41 for details regarding enrollment criteria.

Honors Algebra 2/Trig

Grade Level: 9, 10, 11
Prerequisite: Geometry or Honors Geometry
Credit: Selective (1.0)
Length: 1 Year

Honors Algebra 2/Trig covers concepts in greater depth than Algebra 2/Trig and adds enrichment materials to the topics of study. Major topics of study in this course include functions, radicals, 3D graphing, systems of equations (both linear and non-linear), rational expressions, exponential and logarithmic functions, and polynomials. Circular trigonometry and extensive coverage of transformations and trigonometric functions are also covered. Particular emphasis is placed on developing higher critical thinking and problem-solving skills, as well as demonstrating advanced understanding of the covered materials. Graphing technology will be used extensively. Students must have solid algebra and geometry skills and departmental consent to enroll in this course. Please consult the math forecasting guide on pages 40-41 for details regarding enrollment criteria.

Statistics

Grade Level: 11, 12
Prerequisite: Algebra 2 or Algebra 2/Trig
Credit: Selective (1.0)
Length: 1 Year

In this course, students will explore key topics related to probability, statistics, data analysis, regressions, confidence intervals, and hypothesis testing. Through collecting and assessing data, displays, and studies, students will learn to evaluate the validity of claims based on data studies. Students will also strengthen their advanced critical thinking skills and their ability to construct and defend viable arguments using the tools of mathematics. The content covered in this course has a wide variety of applications, so it may be of particular interest to students considering

further study in the arts, humanities, or social sciences. Please consult the math forecasting guide on pages 40-41 for details regarding enrollment criteria.

Pre-Calculus

Grade Level: 10, 11, 12
Prerequisite: Algebra 2/Trig or Statistics
Credit: Selective (1.0)
Length: 1 Year

In this course, students will build on the skills they developed in Algebra 2/Trig as well as their knowledge of functions and trigonometry. Students will study functions (including linear, quadratic, logarithmic, exponential, and trigonometric) with the specific intent to prepare for calculus and further course work in engineering and physical sciences. Students will revisit logarithms, limits, and complex numbers, and study these topics in further depth. Graphing technology will be used extensively. Students must have departmental consent to enroll in this course. Please consult the math forecasting guide on pages 40-41 for details regarding enrollment criteria.

Honors Pre-Calculus

Grade Level: 9, 10, 11, 12
Prerequisite: Algebra 2/Trig or Honors Algebra 2/Trig
Credit: Selective (1.0)
Length: 1 Year

Honors Pre-Calculus covers concepts in greater depth than Pre-Calculus and includes additional topics of study and enrichment materials. Students will study properties and transformations of elementary functions, periodic and circular functions, polynomial and rational functions, trigonometric properties and identities, triangle trigonometry, two-dimensional vectors, matrices, polar coordinates and complex numbers, sequences and series, and limits. Students will also develop introductory methods for finding instantaneous rates of change, derivatives, and area under a curve. Graphing technology will be used extensively and is integral to the core curriculum of this course. Students must have departmental consent to enroll in this course. Please consult the math forecasting guide on pages 40-41 for details regarding enrollment criteria.

Calculus

Grade Level: 11, 12
Prerequisite: Pre-Calculus or Honors Pre-Calculus
Credit: Selective (1.0)
Length: 1 Year

In this course, students will study limits, derivatives, optimization, related rates, the relationship between distance and velocity, curve analysis, and basic integrals. Students will frequently apply

the concepts they learn to practice problems from a variety of fields. Graphing technology will be used extensively. Students must have departmental consent to enroll in this course. Please consult the math forecasting guide on pages 40-41 for details regarding enrollment criteria.

AP® Calculus

Grade Level: 10, 11, 12
Prerequisite: Pre-Calculus, Honors Pre-Calculus, or Calculus
Credit: Selective (1.0)
Length: 1 Year

In this course, students will study all elementary functions, limits, differential calculus, and integral calculus. This course prepares students to take the AP® Calculus AB exam in May. Success in this course requires advanced critical thinking skills and the ability to both master concepts and apply them to other scenarios. Students must have departmental consent to enroll in this course. Please consult the math forecasting guide on pages 40-41 for details regarding enrollment criteria.

PSU Challenge Calculus 2 & 3

Grade Level: 11, 12
Prerequisite: AP® Calculus and a minimum GPA of 3.0
Credit: Selective (1.0)
Length: 1 Year

The content covered in this course corresponds to that covered in PSU math courses MTH 252 and 253. Students will study differential and integral calculus of functions of a single variable, analytic geometry, infinite series, and applications. As a dual credit course through the Portland State University Challenge program, students who complete this course will earn both high school and college credit (4 PSU credits per semester). An additional registration fee payable to PSU is required to earn college credit. Students must have departmental consent to enroll in this course. Please consult the math forecasting guide on pages 40-41 for details regarding enrollment criteria.

Criteria for Enrollment in an Honors, AP®, or PSU Challenge Math Course

All students enrolling in an Honors, AP®, or PSU Challenge Math course should consistently exhibit the qualities and skills necessary for success in an honors level course (please see page 8). Students must have departmental approval to enroll in these courses. For more detailed information regarding specific course enrollment criteria, please consult the forecasting guide on pages 40-41.

Mathematics Forecasting Guide

Current Course	Forecasted Course	Conditions for Acceptance
Algebra 1	Geometry	None
	Honors Geometry	95% test average, with a minimum of 92% on semester finals, and teacher recommendation
Accelerated Algebra 1	Geometry	None
	Honors Geometry	95% test average and teacher recommendation
Geometry	Algebra 2	None
	Algebra 2 + Trig	80% test average
	Honors Algebra 2 + Trig	95% test average and teacher recommendation
Honors Geometry	Algebra 2 + Trig	None
	Honors Algebra 2 + Trig	80% test average
Algebra 2	Statistics	None
	Algebra 2 + Trig	None
	None (if Graduation Requirements Satisfied*)	
Algebra 2 + Trig	Statistics	None
	Pre-Calculus	80% test average
	Honors Pre-Calculus	95% test average and teacher recommendation
	None (if Graduation Requirements Satisfied*)	
Honors Algebra 2 + Trig	Pre-Calculus	None
	Honors Pre-Calculus	80% test average
	None (if Graduation Requirements Satisfied*)	
Statistics	Pre-Calculus	teacher recommendation and completion of Algebra 2 + Trig
	None (if Graduation Requirements Satisfied*)	
Pre-Calculus	Calculus	None
	AP Calculus	95% test average and teacher recommendation
	None (if Graduation Requirements Satisfied*)	

Honors Pre-Calculus	Calculus	None
	AP Calculus	None
	None (if Graduation Requirements Satisfied*)	
Calculus	AP Calculus	None
	None (if Graduation Requirements Satisfied*)	
AP Calculus	PSU Calculus	70% or above (PSU Requirement)
	None (if Graduation Requirements Satisfied*)	

**The state of Oregon requires all students complete 3 years of math and reach Algebra 2 or its equivalent.*

Science Department

Vision Statement: Through developing an understanding of and ability to apply basic scientific principles, the Science Department seeks to provide students with the skills and proficiencies necessary for success in future, modern, scientific studies, and an appreciation for the role of science in their own lives.

Course Offerings

Conceptual Physics

Grade Level: 9
Prerequisite: None
Credit: Required (1.0)
Length: 1 Year

In Conceptual Physics, students will increase their understanding of the world through a conceptual investigation of the fundamental laws of physics. Topics studied may include inquiry and mathematical patterns, motion, energy, forces, Newton's Laws, waves, and light. Students will develop algebraic and graphical problem-solving techniques, actively participate in lab experiments, and build scientific and mathematical reasoning skills. Science practices, crosscutting patterns, and core concepts are explored through inquiry-based lab investigations and engineering projects.

Physics

Grade Level: 9, 10
Prerequisite: Algebra 1
Credit: Required (1.0)
Length: 1 Year

In Physics, students will increase their understanding of the world through a challenging investigation of the fundamental laws of physics. Topics studied include inquiry and patterns, motion, energy, forces, Newton's Laws, waves, light, and sound. Students engage in algebraic problem solving and analysis, actively participate in lab experiments, and mathematically analyze data. Science practices, crosscutting patterns, and core concepts are explored through inquiry-based lab investigations. Students must be enrolled in Accelerated Algebra 1 or higher in math to enroll in this course.

Chemistry

Grade Level: 10, 11
Prerequisite: Physics
Credit: Required (1.0)
Length: 1 Year

In Chemistry, students will be introduced to the world of matter, its composition, and interactions. Topics of study include physical and chemical properties, atomic structure, chemical bonding, chemical reactions, stoichiometry, and gas laws. Students will further develop their laboratory techniques, perform experiments, and practice mathematical applications and evidence-based reasoning through data analysis.

Honors Chemistry

Grade Level: 10, 11
Prerequisite: Physics
Credit: Selective (1.0)
Length: 1 Year

Honors Chemistry covers similar content as Chemistry but in more depth and with more extensive lab experience. This course prepares students to take AP® Chemistry. Students must earn 94% in first semester Physics and maintain strong work throughout second semester, or have departmental approval to enroll in this course.

Biology

Grade Level: 11, 12
Prerequisite: Chemistry or Honors Chemistry
Credit: Required (1.0)
Length: 1 Year

Biology is the study of all living things. This course challenges students to understand life and life processes by mastering the principles and concepts that are applicable to all living things. This course emphasizes both cellular and molecular biology and covers an array of topics, including biochemistry, structure and function of cells, genetic continuity, evolution, and organisms and their environments. Students will be directly involved in the inquiry process throughout this course and will further develop their higher-level thinking skills.

Honors Biology

Grade Level: 11, 12
Prerequisite: Chemistry or Honors Chemistry
Credit: Selective (1.0)
Length: 1 Year

Honors Biology covers similar content as Biology but in greater depth and with more extensive lab experience. This course prepares students to take AP® Biology. Students must earn 95% in first semester Chemistry or 82% in first semester Honors Chemistry, or have departmental approval to enroll in this course.

Environmental Science

Grade Level: 10, 11, 12
Prerequisite: None
Credit: Elective (.5)
Length: 1 Semester

Environmental Science explores the interdisciplinary relationships among science fields, society, and human interaction with the environment. This course gives students experience in data collection, cost-benefit analysis of environmental issues, and evidence-based support for environmental policies and decisions.

AP® Biology

Grade Level: 12
Prerequisite: Biology or Honors Biology
Credit: Selective (1.0)
Length: 1 Year

This is a second-year biology course that challenges students to deepen their understanding of biology through inquiry-based investigations. Major topics of study include evolution, cellular processes, energy and communication, genetics, information transfer, biotechnology, and bioethics. Students will lead and focus on experimental design, team-based research, and independent problem solving throughout the course. Students are expected to work at an accelerated pace equal to that required for a college-level course and will have a summer homework packet due on day 1 of the course. This course prepares students to take the AP® Biology exam in May. Students must earn 90% in first semester Biology or 82% in first semester Honors Biology, or have departmental approval to enroll in this course. Students interested in forecasting for this course must attend a mandatory informational meeting prior to enrolling.

AP® Chemistry

Grade Level: 11, 12
Prerequisite: Chemistry or Honors Chemistry
Credit: Selective (1.0)
Length: 1 Year

This is a second-year chemistry course that covers content comparable to that in a college-level general chemistry course. Students will build on material learned in both Physics and Chemistry to broaden their understanding of the major scientific ideas in the field of chemistry through inquiry-based lab experiments. Major topics of study include solutions, equilibrium, acids and bases, thermodynamics, kinetics, thermochemistry, and electrochemistry. Students are expected to work at an accelerated pace equal to that required for a college-level course, will have a summer homework packet due on day 1 of the course, and should expect to have homework daily. This course prepares students to take the AP® Chemistry exam in May. Students must earn 90% in first semester Chemistry or 82% in first semester Honors Chemistry, or have departmental approval to enroll in this course. Students interested in forecasting for this course must attend a mandatory informational meeting prior to enrolling.

AP® Physics 1 (Mechanics)

Grade Level: 11, 12
Prerequisite: Algebra 2/Trig or Honors Algebra 2/Trig
Credit: Selective (1.0)
Length: 1 Year

This course is offered in alternate years. It will not be offered in the 2024-2025 school year but will be offered in the 2025-2026 school year.

This is a second-year physics course that covers content comparable to that in a first semester college-level physics course. Major topics of study include linear and rotational kinematics, Newtonian mechanics, energy, momentum, orbits and gravitation, simple harmonic motion, and fluids. Students will lead investigations into and use real-life applications of physics concepts to further their understanding of these topics. Students will also develop their independent problem-solving skills and focus on experimental design throughout the course. Students are expected to work at an accelerated pace equal to that required for a college-level course, will have a summer homework packet due on day 1 of the course, and should expect to have homework daily. This course prepares students to take the AP® Physics 1 exam in May. Students must earn 90% in first semester Algebra 2/Trig or 82% in first semester Honors Algebra 2/Trig, or have departmental approval to enroll in this course. Students interested in forecasting for this course must attend a mandatory informational meeting prior to enrolling.

AP® Physics 2 (Electricity & Magnetism)

Grade Level: 11, 12
Prerequisite: Chemistry or Honors Chemistry, and Algebra 2/Trig or Honors Algebra 2/Trig
Credit: Selective (1.0)
Length: 1 Year

This course is offered in alternate years. It will be offered in the 2024-2025 school year but will not be offered in the 2025-2026 school year.

This is a second-year physics course that covers content comparable to that in a college-level physics course. Major topics of study include electricity, magnetism, thermodynamics, optics, and quantum and nuclear physics. Students will develop their independent problem-solving skills and focus on experimental design throughout the course through laboratory investigations into these topics. Students are expected to work at an accelerated pace equal to that required for a college-level course, will have a summer homework packet due on day 1 of the course, and should expect to have homework daily. This course prepares students to take the AP® Physics 2 exam in May. Students must earn 90% in first semester Algebra 2/Trig or 82% in first semester Honors Algebra 2/Trig, or have departmental approval to enroll in this course. **Students do not need to take AP Physics 1 before taking this course.** Students interested in forecasting for this course must attend a mandatory informational meeting prior to enrolling.

Scientific Research Methods (SRM)

Grade Level: 12
Prerequisite: Biology or Honors Biology
Credit: Selective (1.0)
Length: 1 Year

This highly interdisciplinary course requires students to use their strongly developed background knowledge from physics, chemistry, and biology throughout the course. Students will read and discuss current research literature and scholarly publications spanning a broad range of topics. Students will also attend lectures, presentations by guest speakers, and tours of research labs. In the spring semester, students will work with a mentor on a research project and write a scientific paper, create a digital research poster, and deliver a formal oral presentation of their investigation to the St. Mary's community. Student must earn 90% in first semester Biology or 82% in first semester Honors Biology, or have departmental approval to enroll in this course. Students interested in forecasting for this course must attend a mandatory informational meeting prior to enrolling.

Social Science Department

Vision Statement: The Social Science Department endeavors to nurture students' curiosity about the past and present so they may make informed and creative decisions in a diverse and changing world. Through questioning, research, analysis, and the communication of ideas, the department helps students understand and engage in a lifelong exploration of the human condition.

Course Offerings

Global Studies A and B

Grade Level: 10
Prerequisite: None
Credit: Required (1.0 or .5)
Length: 1 Year or 1 Semester

This course covers world history from the Classical Period through the Early Modern Period in two separate, semester long courses (A and B). Students who completed World Geography as freshmen only take one semester of this course. Particular emphasis is placed on major civilizations across eras of history and regions of the world. Themes include cultures that united peoples, the diffusion of political, philosophical, and religious ideas, as well as arts and technologies. The course will include geography, economics, politics, culture, urbanization, global interdependence, as well as historiography. Students will learn primary and secondary source analysis and historical reasoning, debate, research, and writing.

Honors Human Geography

Grade Level: 10
Prerequisite: None
Credit: Selective (1.0)
Length: 1 Year

This course introduces students to the study of human geography, concentrating on the patterns and processes that shape human history and alter the Earth's surface. Students will examine such themes as place, cultural landscapes, global interdependence, population, migration, political and urban geography, agriculture, development, and industrialization. This learning is coupled with the methods and tools that human geographers use in their research, such as cartography, spatial investigation, data collection and analysis. Students will apply the information addressed in each unit through activities that include reading notetaking, discussing current events, map-making,

research projects, writing, quizzes, and tests. Students must have departmental approval to enroll in this course. Please consult pages 51-52 for enrollment criteria.

US History

Grade Level: 11
Prerequisite: Global Studies or Honors Human Geography
Credit: Required (1.0)
Length: 1 Year

In this course, students conduct a chronological investigation of the past 150 years of the American story, beginning with the late 19th century and ending with the major changes of the late 20th and early 21st centuries. Students will examine the emergence of the US as a world power, the major social and political conflicts of the 20th century, and the trends of modern-era technology, culture, economics, and politics. Specific focus is given to integrating varied cultural perspectives, including the role of women and minorities in American history. Assignments and assessments include primary and secondary source reading, writing, research, discussion, written quizzes and tests, presentations, and projects.

PSU Challenge US History

Grade Level: 11
Prerequisite: Global Studies or Honors Human Geography
Credit: Selective (1.0)
Length: 1 Year

In this course, students study American history from the 19th century through the early 21st century. Students will examine and analyze how social, economic, and political forces interacted in each period to shape history. Critical thinking and communication skills are emphasized and developed through seminar style discussions, some of which are led by a member of the PSU History Department. Students will develop their skills in historical writing through questioning, researching, outlining, creating annotated bibliographies, crafting essays and a research paper. Particular emphasis is placed on the critical examination of primary and secondary sources. As a dual credit course through the Portland State University Challenge program, students who complete this course will earn both high school and college credit (4 PSU credits for HST 203). An additional registration fee payable to PSU is required to earn college credit. Students must have departmental approval to enroll in this course. Please consult pages 51-52 for enrollment criteria.

Renaissance and Reformation

Grade Level: 12
Prerequisite: US History or PSU Challenge US History
Credit: Required (.5)
Length: 1 Semester

This survey course examines several significant turning points in the formation of the religious and intellectual identity of western culture, marked by the European Renaissance and the Protestant Reformation. Beginning with the changing mindsets resulting from the Bubonic Plague and breakdown of the medieval period, students will examine themes associated with individualism, humanism, capitalism, and secular rationalism. The exploration of this history incorporates past and present perspectives and issues related to the above themes. Assignments include writing, research, discussion, presentations, and projects.

Globalization and Revolutions

Grade Level: 12
Prerequisite: US History or PSU Challenge US History
Credit: Required (.5)
Length: 1 Semester

This survey course begins with an exploration of the foundations of the modern world through the development of mercantilism and an emerging global economy, leading into industrialization, romanticism, political revolution, and imperialism. While Europe is a starting point, a variety of cultural experiences and perspectives (past and present) in the Americas and Africa are integrated into this course. The exploration of the above topics will also include the legacy of these developments and the consequent challenges faced in the modern world. Assignments include writing, research, discussion, presentations, and projects.

PSU Challenge History of Modern Europe

Grade Level: 12
Prerequisite: US History or PSU Challenge US History
Credit: Selective (1.0)
Length: 1 Year

This course begins with a critical examination of what constitutes "Western Civilization," continuing with an exploration of the social and intellectual foundations of Western society from the 5th to the 20th century. Emphasis is placed on the emergence of new perspectives and their impact on Western thought from the Middle Ages to modern times. Our study of history will involve critical thinking and primary source analysis, as well as communication skills through seminar style discussions. Students will read from the selected works of Mary Shelley, Jean-Jacques Rousseau, Karl Marx, and Charles Darwin. Semester writing assignments include several short essays and one long research paper. This is a dual credit course offered in

collaboration with the Portland State University Challenge program. Students who complete this course will earn both high school and college credit (8 PSU credits for *HST 102: Early Modern Europe and the World* and *HST 103: Modern Europe and the World*). An additional registration fee payable to PSU is required at the start of each semester to earn college credit for both PSU courses. Students must have departmental approval to enroll in this course. Please consult pages 51-52 for enrollment criteria.

American Government

Grade Level: 11, 12
Prerequisite: Global Studies and/or World Geography
Credit: Required (.5)
Length: 1 Semester

This course introduces students to the formal institutions and processes of American Government. Students will explore political philosophy, analyze the Constitution, and examine the way in which the three branches of government (executive, legislative, and judicial) interact with each other and the public. Students will also consider why the government initiates policies or responds to political situations in particular ways. Skills such as note taking, analyzing, and interpreting source documents will be further developed and utilized throughout this course.

AP® US Government and Politics

Grade Level: 11, 12
Prerequisite: Global Studies and/or World Geography
Credit: Selective (.5)
Length: 1 Semester

This course provides students with an analytical perspective on government and politics in the United States. Key political ideas, institutions, policies, and behaviors that characterize the political culture of the US will be examined critically to facilitate the evaluation of general propositions about government and political relationships. Units covered include foundations of American democracy, interactions between branches of government, civil liberties and civil rights, American political ideologies and beliefs, and political participation. This course prepares students to take the AP® US Government and Politics exam in May. Students must have departmental approval to enroll in this course. Please consult pages 51-52 for enrollment criteria.

Economics

Grade Level: 11, 12
Prerequisite: Global Studies and/or World Geography
Credit: Elective (.5)
Length: 1 Semester

This course explores the fundamentals of micro and macroeconomics. Microeconomics topics include scarcity, choice, opportunity cost, and the business cycle. Macroeconomics topics will focus on governmental fiscal and monetary policy, including issues of inflation and employment. Students in this course will address the basic economic problems faced by consumers in American society, how businesses make economic decisions, the ways people invest money for the future, and how economic policies impact the individual, the state, the nation, and the world.

Psychology

Grade Level: 11, 12
Prerequisite: Global Studies and/or World Geography
Credit: Elective (.5)
Length: 1 Semester

This course explores the key subjects of psychology: history of the social science of psychology, neuropsychology, cognition, personality, and human development. Through the study of human behavior and mental processes, students will be better able to understand themselves and think critically about human behaviors and social situations. Students will examine why each individual is uniquely different, yet in many essential ways, similar. This course requires high engagement with the material and participation from all community members. Students will be expected to participate in large and small group discussions, as well as formal and informal written assignments throughout the course.

Criteria for Enrollment in an Honors, AP®, or PSU Challenge Social Science Course

All students applying for an Honors, AP®, or PSU Challenge Social Science course should consistently exhibit the qualities and skills necessary for success in an honors level course (please see pages 7-8).

Honors Human Geography:

- Earn and maintain a minimum 3.0 GPA
- Have at least a B in English and World Geography (if taken)

PSU Challenge US History or AP® Government

- Earn and maintain a minimum 3.0 GPA
- Earn and maintain a minimum B average in current Social Science course

- Have a recommendation from current Social Science teacher

PSU Challenge History of Modern Europe

- Earn and maintain a minimum 3.0 GPA
- Earn and maintain a minimum B average in current Social Science course
- Have a recommendation from current Social Science teacher

Theology Department

Vision Statement: Guided by the mission and ministry of Jesus Christ, Catholic Social Teaching, and the charism of the Sisters of the Holy Names of Jesus and Mary, the Theology Department instills in students a desire to examine deeper questions of life, especially our human relationship with God and one another. We are committed to a curriculum that nurtures each student's spiritual growth and promotes equity, inclusion, care of God's creation, and a culture of peace.

Course Offerings

Theology 9A and 9B

Introduction to Faith and Religion (9A) & The Revelation of Jesus Christ in Scripture (9B)
Grade Level: 9
Prerequisite: None
Credit: Required (1.0)
Length: 1 Year

Theology 9A introduces students to basic theological language and shared experiences that will be essential for success in future Theology courses. Students will learn about the core values and charism of SNJM schools while engage with a variety of stories and scripture that embody those values. This course also provides students with an opportunity to build community and further develop the necessary foundational skills for a successful transition to the high school environment.

Theology 9B is the first course in the United States Bishops' Curriculum Framework. A major portion of this course focuses on Jesus as the living Word of God, with particular attention given to the Gospels. Students will study the Bible and develop an appreciation of Sacred Scriptures.

Theology 10A and 10B

Comparative Religions (10A) & Who is Jesus Christ? (10B)
Grade Level: 10
Prerequisite: Theology 9A and 9B
Credit: Required (1.0)
Length: 1 Year

Theology 10A examines the human search for God and seeks to answer the question "What is religion?" by surveying the major religions of the Eastern and Western worlds. Students explore Indigenous traditions, Hinduism, Buddhism, and Islam in an effort to expand their religious

literacy. Throughout the course, students are encouraged to explore their own faith journeys as well.

Theology 10B is the second course in the United States Bishops' Curriculum Framework. A major focus of this course is to "introduce students to the mystery of Jesus Christ, the living Word of God, and the Second Person of the Blessed Trinity". Particular attention in this study of Jesus will be given to the Hebrew Scriptures.

Theology 11A and 11B

Life in Jesus Christ (11A) & The Mission of Jesus Christ (11B)
Grade Level: 11
Prerequisite: Theology 10A and 10B
Credit: Required (1.0)
Length: 1 Year

Theology 11A examines ethics from a faith perspective. Major topics include the development of Christian values, conscience, human behavior, and critical thinking. Students investigate current moral questions and are introduced to various philosophical and ethical frameworks. This is the sixth course in the United States Bishops' Curriculum Framework, and focuses on teaching students the moral concepts and precepts that govern the lives of Christ's disciples.

Theology 11B is the third course in the United States Bishops' Curriculum Framework. This course focuses on what it means to be a disciple of Christ and what that life entails. Major topics include human dignity, Catholic Social Teaching, environmental justice, power, violence, racism, war and peace, globalization, poverty, and hunger. This course promotes a compassionate outlook while examining underlying causes of inequality and lack of sustainability, as well as a desire to find possible solutions to these problems. Students will engage in praxis – acting upon reflection and reflecting on action. Opportunities for leadership training will be available throughout the course. Together with Theology 11A, this course helps students develop the necessary skills for ethical inquiry, moral decision-making, and social analysis.

Theology 12A and 12B

Jesus Christ's Mission Continues in the Church (12A) & Sacraments as Privileged Encounters With Jesus Christ (12B)
Grade Level: 12
Prerequisite: Theology 11A and 11B
Credit: Required (1.0)
Length: 1 Year

Theology 12A provides students with an in-depth theological study of Jesus Christ, while examining emerging theologies and engaging in various methods of theological reflection. It is the fourth course in the United States Bishops' Curriculum Framework, and focuses on

developing an understanding that in and through the Church, students encounter the living Christ. Students will learn about the sacred nature of the Church, as well as examine James Fowler's stages of faith development.

Theology 12B is the fifth course in the United States Bishops' Curriculum Framework. Students in this course will explore encounters with the Sacred through a sacramental worldview and the seven communal sacraments. This course also explores self-identity and human relationships through the study of psychology and human development.

World Language Department

Vision Statement: Through the study, understanding, and use of world languages, students in the World Language Department cultivate appreciation and respect for diverse world cultures and develop a global perspective.

Course Offerings

First-Year Languages

Grade Level: 9, 10, 11, 12
Prerequisite: None
Credit: Required (1.0)
Length: 1 Year

Students in French and Spanish 1 build skills and demonstrate knowledge in interactive learning environments created primarily with Organic World Language (OWL) methodology. Students and instructors use the language of study at least 80 percent of the time in class. Together, teachers and learners build a strong community that celebrates risk-taking, active participation, and careful listening, all of which lead to authentic interactions in the language of study. An emphasis on growth and effective communication is essential to students' success in these courses. A particular focus is placed on students communicating about their lives, both in and out of the school building, in the language of study. Students also learn about the geography and cultures of countries in which the language is spoken.

Students in Latin 1 develop foundational skills for the study of Latin, with a particular emphasis on translation. Students learn and apply grammar principles, consider audience, and manipulate tone in the translation process. In addition, students examine the foundations of Western society, and explore Roman identity and mythology.

Second-Year Languages

Grade Level: 9, 10, 11, 12
Prerequisite: First-year language course (or instructor approval)
Credit: Required (1.0)
Length: 1 Year

Students in French and Spanish 2 apply the skills they developed in their first-year course to real world situations. Classwork encourages them to navigate world cultures competently and interact readily in second language settings. Foundational grammar structures and increasingly precise vocabulary support the communication of ideas that are comprehensible to a growing range of audiences. In French, themes include fashion, hair, and authentic fairy tales. Students also study a variety of French-speaking regions, including Quebec, and the nuances of French-Canadian

language. In Spanish, topics include fashion, food, and celebrations. Students also explore the Caribbean and survey key literary and historical moments in Spain. Students and instructors use the language of study more than 80 percent of the time, and continue to prioritize individual progress and effective communication.

Students in Latin examine the influence of Latin on the scientific and professional fields of law, biology, and medicine. This course introduces and emphasizes conversational Latin.

Third-Year Languages

Grade Level: 9, 10, 11, 12
Prerequisite: Second-year language course (or instructor approval)
Credit: Elective or Required (1.0)
Length: 1 Year

Students in French and Spanish 3 incorporate language structures and vocabulary precisely and creatively into their skillsets and conversations. These courses dedicate significant time to the learning and application of advanced grammar, particularly tense and mood. In French, topics include cooking, health and fitness, and illness. Students also study *Médecins sans Frontieres* (Doctors without Borders) and the poetry of Guillaume Apollinaire and Robert Desnos. In Spanish, topics include hair, illness, and design. A variety of movies and TV programs serve as the courses' central texts. Students and instructors use the language of study more than 90 percent of the time, and continue to prioritize individual progress and effective communication.

Students in Latin 3 study cultural artifacts of Roman society, including art, painting, sculpture, and architecture. The course contextualizes these artifacts and the literary texts of the time (such as the Aeneid) within the history of the Roman Empire. Students also examine the foundations of the Roman state and evaluate the characteristics that defined a good Roman. Latin 3 is taught concurrently with Latin 4 (see below for Latin 4 course content).

Honors French 4, Honors Spanish 4

Grade Level: 9, 10, 11, 12
Prerequisite: Third-year language course (or instructor approval)
Credit: Elective or Required (1.0)
Length: 1 Year

Students in Honors French 4 and Honors Spanish 4 shift their focus from the foundations of language to cultural content. In French, students complete a concentrated study of Impressionism and direct their attention to French-speaking Africa. Throughout the year, students monitor current events topics of personal interest in the French and French-speaking African press and examine the coverage of these topics with a critical eye. In Spanish, students examine nation building and national identity in a semester-long study of immigration. This study supports the Border Immersion trip to the US/Mexico border, to which students in Spanish 4 and above may apply. The themes covered in the immigration unit reappear in the study of El Quijote, the

Spanish Civil War, and the myths and legends of Central and South America. Students and instructors in both courses exclusively use the language of study.

Latin 4

Grade Level: 9, 10, 11, 12
Prerequisite: Latin 3 (or instructor approval)
Credit: Elective or Required (1.0)
Length: 1 Year

In Latin 4, students read and study the writings of the Romans themselves to further their understanding of Roman history, society, culture, views, and beliefs. Notable works studied include those of Gaius Julius Caesar, Marcus Tullius Cicero, Vergil, Ovid, and Suetonius. Students in this course will also study Latin as it developed after the Roman Empire during the medieval period. Students will also complete additional work in grammar, syntax, and vocabulary, as well as practice in speaking the language. Latin 4 is taught concurrently with Latin 3 (see above for Latin 3 course content).

AP® French or Spanish

Grade Level: 10, 11, 12
Prerequisite: Fourth-year language course (or instructor approval)
Credit: Elective or Required (1.0)
Length: 1 Year

AP® French and Spanish introduce students to the college-level study of language. Students continue to develop their proficiency through reading authentic texts from various genres and exploring concepts regarding the AP® themes of family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges. French students study climate change and the Paris Agreement, the role of France in World War II, the challenges of multiculturalism in contemporary France, and the French literary movement, La Négritude, inspired by the Harlem renaissance. In Spanish, students explore the Dirty War and the Disappeared, comparative education systems, and the culture of Spain. These courses prepare students to take the AP® exams in May.

Honors Advanced French or Spanish

Grade Level: 11, 12
Prerequisite: AP French or Spanish
Credit: Elective
Length: 1 Year

In Honors Advanced French and Spanish, students speak in a variety of formal and informal situations, review grammar, read and analyze authentic literature, write papers in the language of study, and continue their study of the cultures of countries where the language is spoken. In

French, students cover literature and art from the Caribbean and Africa. Students also write their own poetry and a short story in French. In Spanish, students compare various artistic movements and discuss the influence of the art and music of Spanish-speaking artists in and outside of the United States. These courses also prepare students to take the AP® exams in May.

Co-Curricular Courses

Co-curricular courses meet outside of the academic school schedule, but students do earn credit for these courses. All co-curricular courses are graded on a Pass/No Pass basis. Students enroll in these courses after the start of the school year, not during the forecasting period.

Course Offerings

Beta Blues Robotics

The St. Mary's Academy robotics team is a *FIRST Robotics Competition (FRC)* team. All team members are introduced to principles of engineering, design, and programming while they work collaboratively to design, build, and program a robot within the framework of the FRC challenge. This consists of three periods throughout the school year: pre-season starting in September, a build season starting in January, and a competition season extending into March and April. The competition season includes two multi-day district qualifying events and the potential for championship competitions. Different course levels are offered, as outlined below. Students must have instructor approval to enroll in any level of Beta Blues Robotics. Please see Savannah Scott or Charlotte Gemmell for more information.

Foundations of Robotics and Engineering

Grade Level: 9, 10, 11, 12
Credit: Elective (.5)
Length: January through second semester

Robotics team members work primarily with one project team on a specific mechanism of the robot. All members work collaboratively to design, build, and program a robot in accordance with the FRC challenge. Credit is strictly proficiency based.

Intermediate Robotics and Engineering

Grade Level: 10, 11, 12
Credit: Elective (.5)
Length: January through second semester

Team members at the intermediate level will build on the skills they developed in Foundations of Robotics, and may have the opportunity to be promoted to an advanced position. To earn credit for this course, team members will demonstrate tangible evidence of their contributions to the development of the team, competition performance, and/or the robot. Students must have completed one year at the Foundations level to enroll in the intermediate level.

Robotics: Applications of Business
Grade: 9, 10, 11, 12
Credit: Elective (.5)
Length: January through second semester

Team members in the business department are responsible for tasks related to the management of the team's brand, outreach, and media. To earn credit for this course, team members will complete an individual project. Projects may include creating and/or maintaining a team webpage, maintaining the team's social media, creating a documentary of the season, developing a brand identity, or other student designed business projects.

Advanced Robotics (Engineering or Business)
Grade: 11, 12
Credit: Elective (.5 or 1.0)
Length: 1 Year

Advanced team members serve as the primary leaders for the team. They work collaboratively to design pre-season training and coordinate the team during the build and competition seasons. To earn credit this course, students will demonstrate tangible evidence of their contributions to the development of the team, competition performance, and/or the robot. Advanced team members must also demonstrate mentorship of individual students and leadership at their assigned level within the team. Students must have completed two years of robotics or be serving in a leadership role on the team in order to enroll in the advanced level.

Mock Trial
Grade Level: 9, 10, 11, 12
Credit: Elective (.5 or .25)
Length: 1 Year or 1 Semester

Mock Trial is a statewide program that allows students to take on the many roles that are a part of our legal system. Students research and conduct trials using real-life cases. Students work with professionals in the legal community to develop critical thinking and advocacy skills. Participation in the fall training class results in earning .25 credits and the opportunity to try out for the spring competition teams. Participation in the spring competition teams results in an additional .25 credits earned. Please see Donald Housley for more information.

Model United Nations (MUN)

Grade Level: 10, 11, 12
Credit: Elective (.5 – earned in second semester)
Length: November through April

Model United Nations is a statewide organization that simulates the United Nations during a three-day conference in Eugene. Students represent a different country each year and present resolutions, discuss global issues, and participate in assigned committees. In addition to participating in the conference, students will also complete research and writing assignments, including papers and resolutions to be presented at the conference. St. Mary's MUN delegates are chosen by application and instructor consent. Please see Patty Gorman for more information.

Outdoor School

Grade Level: 10, 11, 12
Credit: Elective (.25 – or 0 if using for service hours)
Length: 1 week per session

Sophomores, juniors, and seniors who apply and are accepted to participate will act as counselors for 6th grade students in the Multnomah County Outdoor School program during either the fall or spring sessions. Students participating in the program must meet St. Mary's academic, attendance, and behavioral standards. Students are evaluated by the Outdoor School staff and may either receive .25 elective credit for each session, or use this participation for service hours. Please see Anne Hagge for more information.

Science Olympiad

Grade Level: 9, 10, 11, 12
Credit: Elective (.5)
Length: 1 Year

Science Olympiad is a competitive team science and engineering class. Students meet weekly on Friday afternoons from 3:25-5:00 to prepare for a variety of engineering, laboratory, and written events. The team attends two invitational tournaments in preparation for the state tournament in the spring. Students who wish to participate must submit an application in the fall. A participation fee (amount to be determined) per student is assessed at the start of the course. There are additional expenses for travel. Please see Cindi Hounton or Dr. Anu Deshpande for more information.

Teaching, Integrating, and Exploring Science (TIES)

Grade Level: 10, 11, 12
Credit: Elective (.5)
Length: 1 Year

Students in TIES serve as mentors for 5th grade girls, offering a positive exposure to the excitement and challenge of "doing" science. Mentors meet with their 5th grade students twice per month (a Wednesday afternoon and a Saturday morning) starting in January to do science. Starting in the fall, mentors meet weekly after school on Wednesdays from 3:30-4:30 and work in small groups led by a mentor captain to plan activities. Please see Rachel Sloan for more information.

Summer Courses

St. Mary's offers two online summer courses, Health 2 and American Government, as alternative ways to meet those graduation requirements. Both courses are graded according to the St. Mary's grade scale (please see page 5 for details). Withdrawal deadlines do apply to each course. Withdrawals that occur after the deadline will result in a W on student transcripts.

Registration for these courses is not a part of the standard forecasting process. Students must enroll in these courses through a separate, online registration process on the summer program page of the website. Specific course dates and withdrawal deadlines will be available on the website when registration is opened each spring. An additional fee is assessed for each summer course, which must be paid at the time of registration.

Course Offerings

Health 2

Grade Level: 10, 11, 12
Credit: Fulfills Health 2 Requirement (.5)
Length: 1 Semester (generally mid-June through the end of August)

This online course explores health on a community, national, and global scale. Students will examine health problems and solutions affecting the communities we live in and the larger world around us using websites, readings, and a project. Students will also learn about college life and readiness from a health perspective. In person CPR and first aid are required at an additional cost. Students must have access to a computer and the internet on a regular, ongoing basis throughout the summer to complete and submit assignments.

All students must attend a mandatory orientation with the instructor before the end of the school year to enroll in this course. Students unable to attend this mandatory informational meeting must schedule another time before the end of finals week to meet with the instructor.

American Government

Grade Level: 11, 12
Credit: Fulfills Government Requirement (.5)
Length: 1 Semester (generally mid-June through the end of August)

This online course examines the formal institutions of government, emphasizing the process of government in the United States. Students will have the opportunity to work ahead at their own

pace or follow an instructor-provided calendar for work completion. Students must have access to a computer and the internet on a regular, ongoing basis throughout the summer to complete and submit assignments.

All students must attend an orientation session before the end of the school year to enroll in this course. Students unable to attend one of the planned sessions must schedule another time before the end of finals week to meet with the instructor.

4-Year Plan

Student Name: _____ **TA:** _____

Graduation Requirements

Department	Credits
Theology	4
English	4
Mathematics	3
Science	3
Social Science	3.5
Physical Education	1
Health	1
World Language, Fine Arts, and Information Science	2 Language, 1 Fine Arts, 0.5 Information Science
Speech and Electives	0.5 Speech, 1.5 Electives
Total Credits	25

Required Core Course Sequences:

Math: Alg. 1→Geometry→Alg2→PreCalc→Calc
Science: Physics→Chemistry→Biology
Social Science: World Geo/Global Studies→ US History→ Senior History Course→American Gov (Government in either junior or senior year)
Fine Arts: All incoming freshmen take a full-year rotation of courses in the visual and performing arts.

Year	*Freshman*	*Sophomore*	*Junior*	*Senior*
Theology				
English				
Social Science				
Mathematics				
Science				
World Language				
Fine Arts				
Health/PE				
Speech				
Information Science				
Electives				
Total Earned	*(7)*	*(7)*	*(7)*	*(7)*
Cumulative	*(7)*	*(14)*	*(21)*	*(28)*