



# Bulletin

2 Timothy 2:15

Be diligent to present yourself approved to God, a worker who does not need to be ashamed, rightly dividing the word of truth.

# Welcome

Upper Columbia Academy is committed to admitting students who already have or are willing to experience a personal relationship with God and live a Christian lifestyle.

## Mission Statement

By the grace of God, Upper Columbia Academy educates students to develop harmoniously the physical, mental, and spiritual powers, inspiring a life-changing relationship with God and the highest service for others.

## Philosophy

Upper Columbia Academy is a family of curious learners who believe that true education addresses the potential of the whole person in a balanced development of the physical, mental, spiritual, and social dimensions of life.

While we value the rigorous pursuit of knowledge, our main objectives are to help students develop a solid Christian character, realize their individual worth as children of God, embrace Christian values, and learn to make principled choices. These goals are best reached in a context of responsible freedom and redemptive discipline. The entire curriculum reflects the world view and the values revealed in Scripture. Students are educated to embrace service as a way of life, to be sensitive to the needs of people in the home and society, and to become active members in the church. Young people are encouraged to accept Jesus Christ as Creator, Savior, Lord, and coming King and to commit their lives to Him.

## Communication

The success of UCA depends in a large measure upon the cooperation between parents and the administration. If students voice concern to their parents concerning school matters and feel they were mistreated, parents are asked to notify the administration and withhold judgment until a proper investigation can be made.

## Objective

By the grace of God, Upper Columbia Academy will educate students with the following objectives:

### Physical

- Healthful living habits
- Appreciation for the value and dignity of labor

### Mental

- Strong academic foundations
- Intellectual curiosity
- Critical thinking
- Learning experiences that reflect Seventh-day Adventist values
- Self-motivated, life-long learning skills
- Challenge for educational excellence

### Spiritual

- Growing knowledge of God as Creator and Sustainer of Life
- Development of a Christian character
- Ethical Christian decision-making
- Utilization of Christian principles in the use of God-given talents
- Appreciation for the Word of God
- Prayer, worship, and faith experience
- Recognition of God's complete ownership

### Relational

- Social growth consistent with Biblical standards
- Unselfish service to church, family, and community
- Appreciation of the worth of all people
- Personal mission to take the gospel to the world
- Preparation for the soon return of Jesus



# Application

Upper Columbia Academy admits students of any race, color, nationality, and ethnic origin to all the rights, privileges, programs, and activities generally accorded or made available to students at UCA, including educational policies, admission policies, and scholarships.

1. Ways to apply for admission:
  - Use the application form in the Bulletin or download it from [www.ucaa.org](http://www.ucaa.org)
  - Call (509) 245-3600
  - Write to: Admissions, Upper Columbia Academy, 3025 E Spangle-Waverly Rd, Spangle, WA 99031-9799
2. After you have completed the application, mail it to: Registrar, Upper Columbia Academy, 3025 E Spangle-Waverly Rd, Spangle, WA 99031-9799. A \$25 application fee should accompany your application (unless it is postmarked by June 1). International residents must include a \$100 non-refundable application fee.
3. Have two recommendation forms completed, one by your current principal or teacher and one by your church pastor or another church leader, and mail them to the registrar. Both forms should be completed by someone not related to you.
4. Send a copy of both your birth certificate and social security card to the registrar.

# Enrollment

1. All new students are required to have their immunizations current and the records turned in by registration day.
2. New students should request that a transcript of their previous schooling be sent to the registrar's office. Entering freshmen should furnish a certificate showing completion of the eighth grade.
3. Register for classes – Registration may be arranged during the summer by making an appointment with the registrar. A day has been set aside for general registration (see calendar for date). Students should plan to move into the dorm on registration day.

4. Admission to UCA will not be permitted until entrance fees have been paid and a payment plan has been approved by the vice principal for finance.
5. All new students entering UCA must have a physical examination.

# Photo and Video Release

By registering at Upper Columbia Academy, students authorize the use by the Academy, or anyone authorized by the Academy, of any photographs or videos taken of them while at Upper Columbia Academy without compensation. All negatives, prints, and photo files shall be considered the property of Upper Columbia Academy.

# Finances

## What Will It Cost?

**TUITION** \$9,336

See Financial Information Booklet or [www.ucaa.org](http://www.ucaa.org).

Tuition includes instruction in all core classes and the use of facilities and equipment.

**ROOM AND BOARD** \$7,214

Room and board charges include dormitory room and all meals in the cafeteria from registration day through graduation weekend.

**GENERAL FEE** \$1,056

The general fee covers accident insurance, dorm clubs, ASB, class dues, yearbook, school newspaper, library, and textbooks. **The general fee is non-refundable.**

**APPLICATION FEE** \$25 U.S. \$100 for International

The application fee is due with all applications from new students. The fee is waived for U.S. residents and Canada if the application is postmarked by June 1.

**GRADUATION FEE** \$125

A graduation fee is charged to all seniors and covers the cap and gown, stole, tassel, diploma, and graduation weekend. There is no refund if a student withdraws from school after the diploma and cap and gown have been ordered.

## TRANSCRIPT FEE

\$10 after the first three

The first three transcripts are free. There is a charge for each additional transcript requested. All transcripts need release approval from the business office. **Transcripts will not be released until the account is paid in full.**

## EXTRA CHARGES

- Private dorm room: \$100/month
- Technology fee: \$120/year
- Laptop deposit: \$100
- Day student overnight dorm fee: \$8/night (no meals included)
- Day students are charged a semester fee for banquets and other special school functions: \$100/semester
- Separate arrangements need to be made for meals when day students or guests eat in the cafeteria.
- There is a charge for guitar, piano, and string lessons. Voice and band instrument lessons are included in tuition.
- Supplies used in art, music, and vocational classes will be billed as additional charges to the student's account.
- Transportation – Airport: \$25/trip; an additional \$5 if flight leaves or arrives before 9:00 a.m. or after 9:00 p.m.
- Medical and other necessary town trips: \$25/trip
- Acceleration fee: \$500
- Off-campus classes will be on a cash basis only and will not be charged to the student's account unless the account is current and arrangements are made with the business office.

## REVISION OF RATES

The Board of Trustees reserves the right to revise the published rates without notice.

## How Can I Pay for It?

### The Billing Process

Tuition and room and board charges are billed in 10 monthly amounts beginning in August and ending in May.

International students, excluding Canada, must pay the full year in advance and are not eligible for discounts, scholarships, or work opportunities.

## Work Opportunities

A variety of work opportunities are available to help students pay their school bill and to enrich each student's learning experience.

Employment opportunities are available at the beginning of the school year. Hiring decisions are made based on the student's abilities and interests and the needs of the school and industries. It is important for students to be on time, make prior arrangements if there is a change in their work schedule, work diligently, and be a loyal employee.

Students who quit or are terminated are not guaranteed immediate placement in another work position.

Employees of UCA are covered by Washington State Workman's Compensation. To receive the benefits of this coverage, it is important that an accident report be filed within 24 hours of an on-the-job accident.

Students are subject to a 90-day probation period, during which they will be paid \$6.41 per hour. After successfully completing this 90-day employment probation period, students will be eligible for a pay increase to \$7.25 per hour. The pay for student industry workers starts at \$9.47 per hour or the current Washington State minimum wage.

## Yearly Discount

Those who wish to pay the total yearly basic fees in advance may be granted a discount. Please check with the business office for details.

## Family Discount

A 5% discount on tuition will be granted to each student when there are two students from one family in attendance. A 10% discount on tuition will be granted to each student when there are three or more students from one family in attendance.

## New Member Discount

Assistance is available to newly baptized Seventh-day Adventist dormitory or day students who have had no previous Adventist background and will be attending an SDA school for the first time.

This assistance is awarded for three semesters. The amount of assistance is 75%, 50% and 25% of tuition for respective semesters.

## Financial Aid

There are a variety of financial resources available based on need and merit. Please contact the business office for more details.

## What Happens If I Can't Pay?

**Finance Charge** – There is a monthly finance charge of 1% on all past-due accounts.

**Transcripts** – Transcripts will not be released if there is an unpaid account at UCA.

**Diplomas** – A student's diploma will not be released from the registrar's office until the account is paid in full.

**Payment Plans** – UCA is willing to work out a financial plan, and regular communication is very important. All accounts must be kept current. Should you be unable to pay your monthly financial commitment, please contact the business office immediately to make mutually acceptable financial arrangements. After a student's account is two months in a "past due" status, the student will likely be asked to withdraw from school.

## Other Financial Information

**Student Accident Insurance** – Students are provided secondary accident insurance. This means the parent's insurance is primary. Student Accident Insurance does not cover UCA transportation charges associated with a covered accident. Complete information, including coverage and exclusions, will be provided at the beginning of the school year.

**Student Bank** – UCA provides a student bank in the business office to safeguard a student's money. Money may be withdrawn only with a student's signature. We cannot assume responsibility for money or other articles lost around campus. Students should not keep large amounts of money in their rooms.

**Check Cashing** – Students may cash checks for modest amounts of cash in the business office. The checks should be made out to "Cash" or to the student. Checks made out to UCA will be credited to the student's account.

**Refunds** – Students who enter late or who are absent for a period of time but make up back work and receive full credit will be charged full tuition. A student entering school late will be charged from the beginning of the week in which they enter. A student leaving school will be charged to the end of the week in which they leave. No rebates are made for vacations or time off campus due to discipline.

**Canadian Students** – All fees must be paid in United States dollars. Please mark your check "U.S. Funds."

**International Students** – All students who are not from the United States or Canada must pay in advance their total minimum charges for the year. This is due on the day the student enters school.

## HOPE Taskforce

With Matthew 25:34-46 in mind, UCA is involved in a significant community service program we call HOPE (Helping Other People Everywhere) Taskforce. The purpose of this program is to educate our students regarding the diverse needs within a community and to inspire them to be involved through example and experience. This training will educate our students to be responsible members of their community.

Four school days are set aside each school year for the HOPE Taskforce program. On these days, faculty, staff, and students are involved in numerous community service projects, each involving approximately 4 hours of service. Opportunity is given for students to sign up for a project that interests them before they are assigned to a project.

Because community service is a vital part of the curriculum at UCA, and because HOPE Taskforce days are official school days, attendance is required. Requests to be absent will be processed by Ad Council. If attendance is excused, it will be with the understanding that the student will make up the hours of community service on a school-sponsored project as arranged with the HOPE Taskforce director. An absence due to illness would be made up in the same way.

## Academics

### Purpose

The desire and purpose of Upper Columbia Academy is to offer quality instruction and excellence in scholastic standards. UCA will schedule students in a program that suits their interests and ability level. In addition, every student is expected to maintain positive academic growth each semester in order to retain attendance privileges.

### Transcripts

Transcripts for all previous scholastic work should be mailed directly to:

Registrar  
Upper Columbia Academy  
3025 E Spangle-Waverly Rd  
Spangle WA 99031-9799

Class standing will be based upon transcripts in hand. If a transcript is held by a previous school, the student will not be able to graduate.

## Class Load

Thirty-nine credits will be considered the maximum student class load per semester. This includes all subjects bearing credit, including correspondence work. A minimum class load is 20 credits, which must include four core classes. (Core classes exclude music, art, and P.E. classes)

With permission from the Curriculum Committee, a student may carry additional classes, provided a 2.5 GPA is maintained with no grade less than a “C” in any subject. The Curriculum Committee reserves the right to limit a student’s work or class load if it is deemed necessary.

## Semester Credit

Five credits are granted for a class that meets for a minimum of 225 minutes per week for 18 weeks. Ten credits are equivalent to one Carnegie unit.

## Correspondence Courses

Any correspondence or summer school course(s) applying toward graduation must have prior approval of the Curriculum Committee. No student shall be approved for a correspondence course except under extraordinary conditions or extenuating circumstances. Correspondence and summer school courses must be taken from educational institutions which are accredited by a regional accrediting agency.

When prior approval for a correspondence course has not been obtained, Upper Columbia Academy has the option of withholding credit. The academy also reserves the right to ask a student to take an appropriate achievement test to ascertain the level of skill achieved.

Any senior taking a correspondence course must have the course completed by the beginning of the second semester of the senior year or will be asked to enroll in an equivalent class on campus. The course must be completed, including the final test, before a senior may participate in the class trip.

A student will not receive a diploma or participate in Commencement until all correspondence work is completed and a final passing grade is on file in the registrar’s office.

## Acceptance of Students from Home School or Non-accredited Programs

Students transferring from home school or non-accredited programs need to have coursework approved by the Curriculum Committee before credit can be given. The academy reserves the right to test students and place them at the appropriate grade level as indicated by their test scores. No more than 55 credits may be accepted for one school year.

## Change of Program

No student will be considered officially registered for or dropped from a class without presenting a properly signed Change of Registration voucher. Students must attend class until all paperwork has been completed and received by the registrar. Classes may be added only during the first two weeks of a semester class or the first week of a quarter class. A student may drop a class up until three weeks prior to the end of the quarter/semester.

A WP/WF grade will be given at the discretion of the teacher to a student who drops a performance class (i.e., Band, Choraliers, Choir, Gymnastics, Strings) two weeks into each semester. After the two-week period, an F may be recorded on the transcript for the semester grade.

## Incompletes

Students who have not completed coursework due to extenuating circumstances may receive an “I” (incomplete) grade. All work for incompletes must be made up during the following grading period. Any grade of incomplete not changed by this time automatically becomes an “F.”

## Scholastic Probation

Students who persistently earn low grades may be placed on scholastic probation. Those who violate the conditions of their probation will jeopardize their attendance at UCA.





## Grade Point Average Equivalents

Upper Columbia Academy uses GPA equivalents based on Washington State guidelines which calculate pluses and minuses. The following grades and point values are used:

Grade	Point Average
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D+	1.3
D	1.0
F	0.0
I	Incomplete Work
WP	Withdrew Passing
WF	Withdrew Failing
CR	Credit
NC	No Credit



## Grading Periods

Upper Columbia Academy operates on a nine-week quarter grading period. Grade reports are issued four times a year. Only semester grades are recorded on the student's permanent transcript. Quarter grades will be recorded for those courses which are designated quarter classes. Mid-term reports are mailed between each nine-week period only when progress is unsatisfactory.

## Graduation Requirements

Participation in Commencement is contingent upon a student successfully completing all required and elective courses necessary to earn the minimum number of credits for a general diploma from accredited secondary schools. Attendance at Upper Columbia Academy for the second semester of the senior year is required. Juniors and seniors involved in major discipline during the last quarter may forfeit participation in graduation services.

Eligibility for honor cords will be determined by academic standing at the end of the 7th semester. High honor cords are reserved for those with a cumulative 3.75 GPA or above and honor cords are for those with a 3.50 to 3.74 GPA.

For a general diploma, a student must have a minimum of 225 credits. To receive a college prep diploma, 250 credits are required. Every student enrolled in an SDA academy must



## Diploma Requirements

Required Courses	UCA General	UCA College
Bible	40 Credits	40 Credits
English	40 Credits	40 Credits
Science	20 Credits	30 Credits
Math	20 Credits	30 Credits
Health	5 Credits	5 Credits
Computer Applications	10 Credits	10 Credits
Foreign Language		20 Credits
Northwest History	5 Credits	5 Credits
U.S. History	10 Credits	10 Credits
Senior Social Studies	10 Credits	10 Credits
History Elective		5 Credits
Physical Education	15 Credits	15 Credits
Technology	10 Credits	10 Credits
Fine Arts	10 Credits	10 Credits
Electives	30 Credits	10 Credits



Ten credits must be in a laboratory science.

Technology credits may include Home Ec and Business classes.

College Prep: Two years of the same foreign language are required.

College Prep: Math courses must be higher than a Pre-Algebra level and not include Informal Geometry.



## Examples of Electives

### UCA General

**Fine Arts** – Art, Band, Choir, Choraliers, Music Lessons

**History** - World Geography

**Home Ec** - Foods, Interior Design, Quilting, Sewing

**Math** - Algebra II, Advanced Math, AP Calculus

**PE** – Backpacking, Gymnastics, Leisure Time Activities, Rec Ski

**Science** - Advanced Biology, Chemistry, Physics

**Technology** – CAD, Welding, Woods, Videography

### UCA College Prep

**Fine Arts** – Art, Band, Choir, Choraliers, Music Lessons

**Home Ec** - Foods, Interior Design, Quilting, Sewing

**Math** - Advanced Math, AP Calculus

**PE** - Backpacking, Gymnastics, Leisure Time Activities, Rec Ski

**Science** - Advanced Biology, Chemistry, Physics

**Technology** – CAD, Welding, Woods, Videography





## TYPICAL CLASS SCHEDULE FOR GENERAL DIPLOMA

### Freshman

Algebra I/General Math	10 Credits
Bible I	10 Credits
Computer Applications	10 Credits
ELS/Technology	10 Credits
English I	10 Credits
Freshman PE	8 Credits
Physical Science	10 Credits
Electives	
Fine Arts	

### Sophomore

Bible II	10 Credits
Biology	10 Credits
English II	10 Credits
Geometry/Informal Geometry	10 Credits
Health	5 Credits
Northwest History	5 Credits
Sophomore PE	4 Credits
Electives	
Fine Arts	

### Junior

Bible III	10 Credits
English III	10 Credits
Science	10 Credits
U.S. History	10 Credits
Electives	
Fine Arts	
PE	

### Senior

Bible IV	10 Credits
English IV	10 Credits
Social Studies	10 Credits
Electives	
Fine Arts	
PE	

## TYPICAL CLASS SCHEDULE FOR COLLEGE PREP DIPLOMA

### Freshman

Algebra I	10 Credits
Bible I	10 Credits
Computer Applications	10 Credits
ELS/Technology	10 Credits
English I	10 Credits
Freshman PE	8 Credits
Physical Science	10 Credits
Electives	
Fine Arts	

### Sophomore

Bible II	10 Credits
Biology	10 Credits
English II	10 Credits
Geometry	10 Credits
Health	5 Credits
History Elective	5 Credits
Northwest History	5 Credits
Sophomore PE	4 Credits
Electives	
Fine Arts	

### Junior

Algebra II	10 Credits
Bible III	10 Credits
English III	10 Credits
Foreign Language	10 Credits
Science	10 Credits
U.S. History	10 Credits
Electives	
Fine Arts	
PE	

### Senior

Bible IV	10 Credits
English IV	10 Credits
Foreign Language	10 Credits
Science	10 Credits
Social Studies	10 Credits
Electives	
Fine Arts	
PE	

## Acceleration

Acceleration in a student's program is seldom advisable. The North Pacific Union Education Board has established guidelines for acceleration of academy students into college. Students who plan to accelerate must receive approval by the Curriculum Committee prior to second semester of the sophomore year and should attend Upper Columbia Academy for all three years of their education. There is a \$500 fee for acceleration. For information, contact the registrar.

## Class Standing

**Freshman:** A first-year academy student who has completed the eighth grade and is registered for 55 credits.

**Sophomore:** A second-year academy student who has completed 55 credits and will have earned 110 credits by the end of the school year.

**Junior:** A third-year academy student who has completed 110 credits and will have earned 160 credits by the end of the school year.

**Senior:** A fourth-year academy student (and approved accelerated third-year student) who has completed 160 credits and whose class load will permit graduation at the end of the school year.

# UCA Class Offerings

## Art

Drawing  
Oil Painting  
Pottery  
Watercolor

## Bible

Bible I  
Bible II  
Bible III  
Bible IV  
Evangelism



## Computer Science

Computer Applications

## English

AP Language & Composition  
English I  
English II  
English III  
English Basics 2 & 3  
English Literature I  
English Literature II  
Senior Composition  
Speech



## Health

Health

## Home & Family Life

Beginning Foods\*  
Beginning Sewing\*  
Child Development\*\*  
Creative Cooking\*\*  
Essential Living Skills  
Fashion Design\*\*  
Interior Design\*  
Needlework\*\*  
Quilting\*

\*Odd Graduation Year  
\*\*Even Graduation Year



## Mathematics

Advanced Math  
Algebra I  
Algebra II  
AP Calculus  
Consumer Math\*  
Geometry  
Informal Geometry\*\*  
Pre-Algebra

## Modern Language

Spanish I  
Spanish II

## Music

Choir  
Choraliers  
Concert Band  
Instrumental Ensembles  
Music Theory/History  
Octet  
String Orchestra

## Private Lessons

Brass  
Cello  
Guitar  
Keyboard  
Percussion  
Violin & Viola  
Voice  
Woodwinds

## Physical Education

Backpacking  
Badminton  
Boys' Varsity Basketball  
Girls' Varsity Basketball



## F.I.T.

Freshman P.E.  
Golf  
Gymnastics  
Racquet Sports  
Running  
Skiing  
Sophomore P.E.  
Strength Training

## Science

Anatomy & Physiology  
Biology  
Chemistry  
Origins/Marine Biology  
Physical Science  
Physics

## Social Studies

20th Century History  
Civics  
Northwest History  
U.S. History  
World Geography

## Technology

Automotive Technology  
Computer Aided Drafting  
Exploring Technology  
Stained Glass  
Videography  
Welding Technology  
Wood Technology  
Yearbook

\*Odd Graduation Year  
\*\*Even Graduation Year





# Course Descriptions

## ART

### DRAWING

Units: 2.5      Quarters: 1

In this class, students learn perspective, balance, and shading through the use of pencil, pen and ink, and charcoal. May be repeated for additional credit. (There is a charge for supplies)

### OIL PAINTING

Units: 2.5      Quarters: 1

In this class, students express themselves with oil paints on canvas. Emphasis is on mixing paints to achieve the right color and incorporating details and shading into their paintings. May be repeated for additional credit. (There is a charge for supplies)

### POTTERY

Units: 2.5      Quarters: 1

In this class, students construct their own pottery using the potter's wheel, as well as making hand-built items. May be repeated up to 4 times with permission from the instructor. (There is a charge for supplies)

### WATERCOLOR

Units: 2.5      Quarters: 1

This class is a study of the color wheel and the art of mixing colors. Students apply these principles with the use of watercolor. May be repeated for additional credit. (There is a charge for supplies)

## BIBLE

### BIBLE I

(A God Worth Knowing)

Units: 10      Semesters: 2

A comprehensive view of the character of God.

### BIBLE II

(History of God's People)

Units: 10      Semesters: 2

This course traces the history of God's leading from Old Testament times until today, with an emphasis on making Biblical events relevant to today's young people.

### BIBLE III

(Bible Doctrines)

Units: 10      Semesters: 2

A study of the major beliefs and practices of the Seventh-day Adventist church, including such subjects as justification and the sin problem, building a relationship with God, major themes of Revelation, the nature of Christ, the Sabbath, and current religious issues.

### BIBLE IV

(Facing Life)

Units: 10      Semesters: 2

The purpose of this course is to apply Biblical principles to everyday life and situations. Students will create a philosophy of life, research church history, apply Biblical principles to family life and personal finance, study and practice spiritual disciplines, and study the Book of Hebrews.

### EVANGELISM

Units: 10      Semesters: 2

In this class, students will learn first how to understand and build their own spiritual lives and then how to share in various ways. These ways will include Bible studies, cooking schools, life-style coaching, and public evangelism.

## COMPUTER SCIENCE

### COMPUTER APPLICATIONS

Units: 10      Semesters: 2

A comprehensive introduction to computer technology and keyboarding. This class focuses on computer basics, Microsoft Office, web programming, and Adobe products.

# ENGLISH

## ADVANCED PLACEMENT ENGLISH

Units: 10                      Semesters: 2

This course is designed to prepare college-bound seniors for the Advanced Placement Exam. Most colleges give credits to students who score at the upper level on this exam. The course focuses on the rhetorical elements of essays and includes grammar review, reading, writing, analysis, and vocabulary. Permission of the instructor by the end of the junior year is required. (There is an exam fee)

Prerequisite:              Permission from the Instructor

## ENGLISH I

Units: 10                      Semesters: 2

English 1 provides the Freshman student with a review of the basics of English grammar and mechanics. Reading literature from several genres for enjoyment and analysis is stressed along with the writing process.

## ENGLISH II

Units: 10                      Semesters: 2

Sophomore students will review the basic grammar skills studied during the Freshman year. They will study a variety of literature to develop both a taste for good literature and the skills to enjoy what they read.

Prerequisite:              English I

## ENGLISH III

Units: 10                      Semesters: 2

This class is a chronological study of American writers from the 1600's to modern times. Students increase their ability to recognize and understand literary devices and techniques and gain an appreciation for this country's rich literary heritage. A little writing and grammar review is also included.

Prerequisite:              English II

## ENGLISH BASICS 2 & 3

Units: 10                      Semesters: 2

This course is designed to give individualized instruction in the area of language arts with a focus on reading and writing. Activities include grammar and vocabulary activities, reading a variety of materials, including American literature, writing, and class presentations.

(Not a College Prep course)

## ENGLISH LITERATURE I

Units: 5                        Semesters: 1

This class surveys English literature from Anglo-Saxon times through the 17th century, including works by Chaucer, Shakespeare, Milton, and Bunyan. The diction and syntax of these early writers require students to be proficient and independent readers.

Prerequisite:              Senior

## ENGLISH LITERATURE II

Units: 5                        Semesters: 1

This class surveys English literature from the 18th century to modern times, including works by Dickens, Wordsworth, Tennyson, and Orwell. English Literature I is not a prerequisite for this course.

Prerequisite:              Senior

## SENIOR COMPOSITION

Units: 5                        Semesters: 1

In this class, students revisit grammar, mechanics, and usage, strengthen vocabulary, and practice nonfiction writing.

Prerequisite:              Senior

## SPEECH

Units: 5                        Semesters: 1

This "learning by doing" class explores theory and provides experience in the basic components of interpersonal communication, group dynamics, and public speaking.

# HEALTH

## HEALTH

Units: 5                      Semesters: 1

This class will provide students with an understanding of how to become and stay healthy. This knowledge will enable them to make responsible decisions, develop self-esteem, and optimize their own potential for developing a balanced lifestyle. (Lab fee for students wanting to be certified in CPR/First Aid)

# HOME AND FAMILY LIFE

## BEGINNING FOODS\*

Units: 2.5                      Quarters: 1

This class includes basic food preparation along with nutrition, meal planning, and entertaining. (Lab fee)

## BEGINNING SEWING\*

Units: 2.5                      Quarters: 1

This class includes a study of textiles and basic construction techniques. Emphasis is on garment construction. Students may bring their own fabric and supplies. (There is a charge for supplies used)

## CHILD DEVELOPMENT\*\*

Units: 2.5                      Quarters: 1

This course explores a child's physical, mental, and social development from prenatal through school age and includes additional topics, such as discipline, child abuse, day care, personality types, and effective parenting skills.

## CREATIVE COOKING\*\*

Units: 2.5                      Quarters: 1

This class includes microwave cooking, international foods, American heritage foods, experimental foods, cake decorating, and holiday cooking. (Lab fee)

## ESSENTIAL LIVING SKILLS

Units: 5                      Semesters: 1

A course designed to give an overview in homemaking skills. Areas covered include basic food preparation, basic sewing, money management, interior design, and child development. A required coeducational freshman course in conjunction with Industrial Arts Exploring Technology.

## FASHION DESIGN\*\*

Units: 2.5                      Quarters: 1

This class includes history of women's fashion, styles, and special construction techniques. Emphasis is on garment construction. Students may bring their own fabric and supplies. (There is a charge for supplies used)

## INTERIOR DESIGN\*

Units: 2.5                      Quarters: 1

A course of study to include the basic principles and elements of design used in decorating a home. Various house styles will also be covered. Students will draw to scale and decorate one house plan for their major project.

## NEEDLEWORK\*\*

Units: 2.5                      Quarters: 1

This class includes projects in machine embroidery, crochet, knitting, needlepoint, and counted cross stitch. Using machine embroidery software, students may design and then stitch out their own art work or personalize existing designs. Students will complete projects from three different areas. (There is a charge for supplies used)

## QUILTING\*

Units: 2.5                      Quarters: 1

This class allows students to be creative using various quilting techniques, including applique and piecing, as well as hand and machine quilting. Students will complete projects of their choice to meet minimum requirements during the quarter and purchase their own supplies. (There is a charge for supplies used)

\*Odd Graduation Year

\*\*Even Graduation Year



# MATHEMATICS

## ADVANCED MATH

(Analytic Geometry/Trigonometry)

Units: 10                  Semesters: 2

This course is designed to get the student ready for college-level calculus. Included are such topics as linear relations and functions, theory of equations, sequences and series, polar coordinates and complex numbers, exponential and logarithmic functions, conics, limits, derivatives, and integrals.

Prerequisite:          Geometry and Algebra II

## ADVANCED PLACEMENT CALCULUS

Units: 10                  Semesters: 2

Equivalent to first quarter of college calculus.

This course uses limits, derivatives, and integrals to analyze various functions, graphs, and real-life scenarios. (There is an exam fee)

Prerequisite:          Permission from the Instructor

## ALGEBRA I

Units: 10                  Semesters: 2

This course emphasizes basic operations for number systems, including equations, inequalities, factoring, graphing, and quadratics. Students are also introduced to plane trigonometry.

## ALGEBRA II

Units: 10                  Semesters: 2

A course that extends beyond basic algebraic functions into more advanced operations of real and complex numbers, including logarithms, matrices, conic sections, functions, and trigonometry.

Prerequisite:          Algebra I

## CONSUMER MATH\*

Units: 10                  Semesters: 2

Consumer math is a course in the practical application of basic mathematics. It renews and enforces previously taught skills by using problem-solving tools in everyday consumer and business applications, such as bank statements, tax forms, and insurance.

(Not a College Prep course)

## GEOMETRY

Units: 10                  Semesters: 2

A course emphasizing logical proof and characteristics of geometric figures, including points, lines, polygons, circles, areas, graphics, basic trigonometric functions, locus, and solid figures.

Prerequisite:          Algebra I

## INFORMAL GEOMETRY\*\*

Units: 10                  Semesters: 2

A course emphasizing characteristics of geometric figures, including points, lines, polygons, circles, areas, graphics, and basic trigonometric functions, and their practical applications.

(Not a College Prep course)

## PRE-ALGEBRA

Units: 10                  Semesters: 2

Pre-algebra is a math course emphasizing the basic core goals of general mathematics but with an emphasis on skills leading to preparation for Algebra I.

(Not a College Prep course)

\*Odd Graduation Year

\*\*Even Graduation Year

## MODERN LANGUAGES

### SPANISH I

Units: 10                      Semesters: 2

This class introduces the Spanish language and culture. Students will learn the basic grammar, vocabulary, and sentence structure of Spanish and develop basic conversational ability. Students will be given opportunities to learn and practice Spanish through reading, writing, listening, and speaking.

### SPANISH II

Units: 10                      Semesters: 2

Spanish II reviews and builds on the grammar and vocabulary of Spanish I, adding more vocabulary and more complex grammatical structures. There is a stronger emphasis on conversation. Second-year students also study the cultures and histories of Spanish-speaking countries.

Prerequisite:              C or better in Spanish I

## MUSIC

### MUSIC ENSEMBLES

Music ensembles at Upper Columbia Academy provide music for sacred and secular events at the school and for off-campus appointments. The following ensembles are offered:

<b>Choir</b>	3 units per semester (no audition needed)
<b>Choraliers</b>	4 units per semester
<b>Concert Band</b>	4 units per semester
<b>Octet</b>	1 units per semester
<b>String Orchestra</b>	1 unit per semester

Instrumental Ensembles are Semester Classes and meet once each week.

Prerequisite:              Audition and invitation

## MUSIC THEORY/HISTORY

Units: 5                      Semester: 1

This course is designed for the student who wants to develop their ability to recognize, understand, and describe the basic processes of music that are heard or presented in a musical score. Theory class gives students the basic knowledge of music theory fundamentals, develops their sight-reading and sight-singing skills, teaches them how to dictate melodies, and provides opportunities for composing and analyzing music.

### PRIVATE LESSONS

Units: 1.25                      Quarters: 4

The following private music lessons are available to any interested students from beginner to advanced levels:

Brass	Percussion
Cello	Viola & Violin
Guitar	Voice
Keyboard	Woodwinds

Private lessons are quarter classes.

Charges for music lessons are included in the tuition for voice and all instruments, **except** cello, guitar, piano, viola, and violin.

## PHYSICAL EDUCATION

### FRESHMAN P.E.

Units: 4                      Semesters: 2

A brief exposure to a variety of individual, dual, and team activities. These classes are intended to acquaint students with rules governing various activities and to help students discover their own skill levels.

### GYMNASTICS

Units: 4                      Semesters: 2

This course offers a combination of team gymnastics, acrobatics, and tumbling. Students are taught team work and learn to trust and count on one another to be successful as a team. No prior gymnastics experience is needed. Tryouts required. (Fee required)

## GENERAL P.E.

Units: 2                      Quarters: 1

These classes give opportunity for coeducational instruction in recreational and sporting areas with an emphasis on personal skills, understanding of the rules, and game strategy. These activities have high carryover value and encourage intelligent participation in later life. The present offerings include:

Badminton	Running
F.I.T.	Skiing (recreational)
Golf	Strength Training
Racquet Sports	

Upper classmen will be given first priority.

## BACKPACKING

Units: 1

An opportunity to go backpacking and receive P.E. credit. There are two required evening classes and a weekend backpacking trip. (Fee)

Prerequisite:              Junior

## SOPHOMORE P.E.

Units: 2                      Quarters: 4

This class offers fundamental instruction to team sports. Football, basketball, volleyball, and softball are covered throughout the year. Students learn an in-depth knowledge of strategy in these team sports.

## SCIENCE

### ADVANCED BIOLOGY

Units: 10                      Semesters: 2

The first semester is an introductory study of human anatomy and physiology, including the use of biotechnology. Third quarter is an in-depth study of origins. Fourth quarter is a study of marine biology, including a 4-day field trip to the Puget Sound. (Lab fee)

Prerequisites:              Biology and junior or senior class standing

## BIOLOGY

Units: 10                      Semesters: 2

Biology is a laboratory course designed to give a summary of the many areas in the life sciences. Some of the topics covered are scientific methods, origins, cell biology, genetics, selected body systems, and ecology. (Lab fee)

## CHEMISTRY

Units: 10                      Semesters: 2

This laboratory class emphasizes the following basic concepts: Atomic structure, the Periodic Table, formulas and nomenclature, balancing equations, stoichiometry, gas laws, solutions, and organic chemistry. The course format is based on the assumption that the student will be going into a science-related occupation.

Prerequisite:              Algebra 1

Recommended cognate:      Algebra II

## PHYSICAL SCIENCE

Units: 10                      Semesters: 2

This is a survey of physical sciences, which includes chemistry, physics, and earth and geological sciences. (Lab Fee)

## PHYSICS

Units: 10                      Semesters: 2

A study of the concepts of basic physical science, including matter, mechanics, heat, sound, electricity, magnetism, light, and nuclear relationships. Conceptual understanding and mathematical applications will be stressed.

Prerequisite:              Algebra II

Recommended cognate:      Advanced Math



## SOCIAL SCIENCES

### 20TH CENTURY HISTORY

Units: 5                      Semesters: 1

This is a research-based class that examines the history of 20th Century presidents, governmental policies, world leaders, economics, science and technology advancements, war, world events, lifestyles/culture, civil rights/human rights, and the arts. Students will learn valuable research techniques while examining each of the 20th Century decades.

### CIVICS

Units: 5                      Semesters: 1

Examines the constitution and the structure of the American government and how the constitution embodies the purposes, values, and principles of the American democracy and the roles of its citizens. The course also gives a broad overview of economics and will explore the relationships between economics, governmental policies, and real life.

Prerequisite:              Senior

### NORTHWEST HISTORY

Units: 5                      Semesters: 1

A study of the Pacific Northwest from ancient to contemporary times. The course includes discovery, exploration, and physical geography, as well as human and economic activities in the region and the effect of these activities on the area's future.

### UNITED STATES HISTORY

Units: 10                      Semesters: 2

This course covers the major events which led to the establishment and development of the United States of America. Study begins with the European discovery of North America (1492) and ends with World War II.

Prerequisite:              Junior

### WORLD GEOGRAPHY

Units: 5                      Semesters: 1

This course is dedicated to a study of the world around us. The development of the Bible and early Christianity are also examined within a historical context.

## TECHNOLOGY

### AUTOMOTIVE TECHNOLOGY

Units: 10                      Semesters: 2

This class covers the basics of how the various systems of the automobile work, the maintenance required for an automobile, and the financial concerns of owning an automobile. (Lab fee)

### COMPUTER AIDED DRAFTING

Units: 10                      Semesters: 2

This course is an introduction to the fundamentals of computer aided design (CAD). Students will use AutoCAD software as it applies to drawing in a format using the principles of mechanical, architectural, civil, and electrical/electronic drawing. (Lab fee)

### EXPLORING TECHNOLOGY

Units: 5                      Semesters: 1

This course is an introduction to the Industrial Arts courses offered at UCA. This is a required coeducational freshman course in conjunction with Essential Living Skills.

### STAINED GLASS

Units: 2.5                      Quarters: 1-4

Beginner: The student learns about the basic techniques of using stained glass and how to work safely. One beginner level project is assigned, and the student chooses a simple piece for a main project. (Lab fee)

Advanced: Students choose and research a major project using 3-dimensional, non-glass items, or alternate techniques. May be repeated up to four times with permission from instructor. (Lab fee)

### VIDEOGRAPHY

Units: 5                      Semesters: 1

Videography explores story telling through video from the initial concept to final product. Students will complete a variety of video formats, including interviews, promos, comedy sketches, dramatic presentations, or spiritual encouragement. School cameras and computers are available for use in school projects with Adobe software to edit and enhance videos. A studio, including a green screen, can be used for various projects. No previous experience required. (Lab fee)

## WELDING TECHNOLOGY

Units: 10      Semesters: 2

A course designed to acquaint beginning students with different types of welding. Students will learn to weld in the four basic positions using gas, stick, and MIG welders. (Lab fee)

## WOOD TECHNOLOGY

Units: 10      Semesters: 2

A course designed to provide students an opportunity to learn how to use wood-working machinery and hand tools. The student has an opportunity to choose from a list of projects selected by the instructor. (Lab fee)

## YEARBOOK

Units: 10      Semesters: 2

The primary goal is to create a high-quality yearbook for Upper Columbia Academy. Students will learn about photography, graphic design, video editing, sales, organization, and social media. They will use Adobe Photoshop to edit and enhance digital photographs, Adobe InDesign to layout and design pages, and Adobe Premiere to edit videos. No previous experience required. (Lab fee)

