

GRADUATION REQUIREMENTS

CLASS OF 2013

THEOLOGY	4	CREDITS	Pg 26
ENGLISH/LANGUAGE ARTS	4	CREDITS	Pg 10
SOCIAL STUDIES	3.5	CREDITS	Pg 32
MATHEMATICS	3	CREDITS	Pg 23
SCIENCE	3	CREDITS	Pg 29
FOREIGN LANGUAGE	1	CREDIT	Pg 21
PHYSICAL EDUCATION (unless excused by a doctor)	1	CREDIT	Pg 19
FINE ARTS	1	CREDIT	Pg 16
BUSINESS	1	CREDIT	Pg 6
SPEECH (INTRO TO COMMUNICATIONS OR BUSINESS COMMUNICATIONS)	0.5	CREDIT	Pg 15
COMPUTER TECHNOLOGY	1	CREDIT	Pg 9
 ELECTIVES	 4	 CREDITS	
TOTAL CREDITS REQUIRED FOR GRADUATION	27		

VOLUNTEER HOURS

All students must earn a minimum of 60 hours of volunteer service over four years. They must complete at least 10 hours of service during their freshman year, at least 20 hours during their sophomore year, at least 20 hours during their junior year, and at least 10 hours during the 1st semester of their senior year. However, hours are cumulative from year to year so as soon as students have completed the 60 hours they have completed the high school requirement. Volunteer hour requirements for transfer students will be determined by the yearly requirement when the student begins attending Bishop Ward.

Consult the Student Handbook for the criteria for acceptable volunteer hours.

SCHEDULE CHANGES

At the heart of projection for the coming year is the selection by students and their parents of course offerings. The schedule is designed from that data; teachers are hired, and class loads are calculated. It is important that selections be carefully and accurately made. For those reasons a student will be allowed to change his/her schedule only for serious academic reasons.

CLASSES FOR COLLEGE CREDIT

The following classes are offered at Bishop Ward for high school and college credit. Additional fees are required for college credit.

H-Accounting II
H-Accounting III
College Composition
H-Anatomy and Physiology
H-Calculus

H-English IV
H-Spanish IV/V Cycle A
H-Spanish IV/V Cycle B
Advanced Finance

Advanced Placement Credit

H-American History
H-English IV (English Literature and Composition)
H-Calculus

CLASSES NEEDING APPROVAL

The following courses need approval for enrollment:

H-Accounting II (for non-AOF students) – Mrs. Heiman
H-Accounting III – Mrs. Heiman
H-English II – Mr. Kelly
H-English III – Mr. Kelly
H-English IV – Mrs. Muehlberger
College Composition – Mrs. Ludwig
Reading – Counselor or Mr. Kelly
Journalism I/II/III – Mr. Crum
Yearbook I/II/III – Mr. Crum
Introduction to Forensics – Ms. Lipovitz
Business Communications (for non-AOF students) – previous English teacher
Senior Portfolio – Mr. Brock
Acting II – Ms. Lipovitz
PE Assistant – Mr. Heider, Mr. Duggins and Mr. Grosdidier
Weight Training II – Mr. Grosdidier
Spanish for Native Speakers I/II/III – Foreign Language Department
Math Topics – Counselor or Sr. Kathy
Assessment Prep – Sr. Kathy
Developmental Math – Counselor
Algebra IA –Counselor or previous math teacher
Algebra I – Counselor or previous math teacher
H-Geometry – previous math teacher
Intermediate Algebra – Sr. Kathy
H-Advanced Algebra II – previous math teacher based on Algebra grade
H-Pre-Calculus – previous math teacher
H-Calculus – previous math teacher
H-Biology – Counselor
H-Chemistry – Mr. Snow
H-Physics – Mr. Barber
Science Research and Projects – Science Department
H-World History – Social Studies Department
H-American History – Social Studies Department
H-American Government – Social Studies Department
Office Aide – Mr. Heider, Mr. Duggins, and Mrs. Reed
Library Aide – Mr. Heider, Mr. Duggins and Ms. Gregory
Teacher Aide – Mr. Heider and Mr. Duggins
Development Office Aide – Mr. Heider and Mr. Duggins

These are the ONLY signatures that will be accepted as approval for these classes.

ADMISSION TO COLLEGE

To be admitted to the six Kansas Board of Regents Universities (Emporia State University, Fort Hays State University, Kansas State University, Pittsburg State University, The University of Kansas, and Wichita State University) the applicant must have achieved **at least one** of the following:

- 1) Completed a precollege curriculum with a grade point average of 2.0 on a 4.0 scale. This curriculum must include:
 - 4 credits of English/Language Arts
 - 3 credits of natural sciences chosen from biology, advanced biology, chemistry, earth/space science, and/or physics. At least one unit must be in chemistry or physics.
 - 3 credits of mathematics taken in high school at or above the level of Algebra I
 - 1 credit in United States history
 - 0.5 credit in United States government
 - 0.5 credit selected from world history, world geography or international relations
 - 1 credit selected from psychology, economics, civics, history, current social issues, sociology, anthropology, and/or race and ethnic group relations
 - 1 credit of computer technology
- 2) Obtained a composite ACT score of not less than 21 points
- 3) Ranked in the top 1/3 of the graduating class
- 4) Earned at least 24 credit hours of transferable course work with a cumulative grade point average of not less than 2.0 on a 4.0 scale at an accredited community college, university, or other college.

STATE SCHOLARSHIP PROGRAMS

To be eligible for consideration for the State Scholarship Programs (Kansas State Scholarship, Ethnic Minority Scholarship, Kansas Teacher Scholarship) the applicant must have completed the following 17 credit precollege curriculum:

- 4 credits of English/Language Arts
- 3 credits of natural science: biology, chemistry, and physics
- 4 credits of mathematics taken in high school at or above the Algebra I level including at least one unit of advanced mathematics beyond Algebra II selected from analytic geometry, trigonometry, advanced algebra, probability and statistics, functions, or calculus
- 1 credit in United States history
- 0.5 credit in United States government
- 0.5 credit selected from world history, world geography or international relations
- 1 credit selected from psychology, economics, civics, history, current social issues, sociology, anthropology, and/or race and ethnic group relations
- 1 credit of computer technology
- 2 credits in one foreign language

BISHOP WARD HIGH SCHOOL QUALIFIED ADMISSIONS PRECOLLEGE CURRICULUM APPROVED BY KANSAS BOARD OF REGENTS

The following curriculum is that which has been approved by the Kansas Board of Regents for Bishop Ward High School students. Students applying for admission to a Board of Regents School using the precollege curriculum criteria on the previous page must have a **2.0 average in these courses**.

English (4 credits):

English I
Either H-English II or English II
Either H-English III or English III
Either H-English IV or English IV

Social Studies (3 credits):

Either H-American History or American History
Either H-American Government or American Government
Either World Geography or one semester of H-World History or World History
One additional credit from H-World History, World History, Psychology, Economics, or Current Social Issues

Mathematics (3 credits taken in high school) from:

Algebra I or both Applied Math I and II or both Algebra IA and IB
Either H-Geometry or Geometry
Either H-Advanced Algebra II or Algebra II
Advanced Math
H-Pre-Calculus
H-Calculus

Natural Sciences (3 credits):

One of the following: H-Chemistry, Chemistry, H-Physics, or Physics
Two additional credits from the above courses or from H-Biology, Biology, Biology II, H-Anatomy and Physiology, and Earth/Space Science

Computer Technology (1 credit):

Both Computer Technology I and
Computer Technology II

BUSINESS

ONE CREDIT IN BUSINESS IS REQUIRED FOR GRADUATION.

- 055/056 – Accounting I: This is a comprehensive course in the theory and practice of accounting. Subjects covered will include taxes and financial statements, banking and managing credit, and making smart investments. The course is taught with a combination of workbook projects, business papers and a computer business simulation. Accounting is important to all students considering college and/or business careers. **This is a required AOF sophomore course.** (full year) (sophomores, juniors, seniors)
- 060/061 – H-Accounting II: This course is designed to give students a more thorough knowledge of finance and business management. It is designed for college-bound students and may be taken for college credit (with extra tuition cost). **This is an AOF elective course.** (Recommendation of Accounting teacher for non-AOF students) (full year) (juniors, seniors) (Pre-requisite: Accounting I)
- 090/091 – H-Accounting III: This independent-study course is designed for those students who have successfully completed Accounting I and Accounting II. Studies will focus on financial reporting for partnerships and corporations and will include auditing procedures. This is a self-paced, independent study course and is for the serious college-bound student only. A college text will be used. This course may be taken for college credit (with extra tuition cost). **This is an AOF elective course.** (Recommendation of Accounting teacher) (full year) (seniors) (Pre-requisite: Accounting II)
- 065 – Economics: This course explores the characteristics, organization, and management of business operations. Areas include advertising, types of ownership, supply and demand, financial and career planning, and the stock market. The class works in conjunction with Junior Achievement of Kansas City. **This is a required AOF sophomore course. This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents. This course can be taken for either a Business credit or a Social Studies credit but not for both.** (semester) (sophomores, juniors, seniors)
- 076 – Business/Personal Law I: This course incorporates a study of the history of law as well as the study of criminal, business, and tort law. Topics to be studied include law and the individual, kinds of laws, crimes, torts, law enforcement and the courts. The students will be exposed to case studies and legal vocabulary. **This is a required AOF senior course.** (semester) (sophomores, juniors, seniors)

- 077 – Business/Personal Law II: This is a continuation of the Business/Personal Law I course. It will include a more in-depth study of criminal, consumer, and business law. The course will also cover such legal topics as students' rights and responsibilities, criminal, and family law. An introduction to criminalistics will also be included. Legal vocabulary and case studies will be studied throughout the semester. **This is an AOF elective course.** (semester) (sophomores, juniors, seniors) (Pre-requisite: Business/Personal Law I)
- 078 – Business/Personal Law III: This class continues the study of the court system, the criminal justice process, probable cause, exclusionary rule, arrests, pre-trial procedures, and searches and seizures. In addition, the students will cover offer and acceptance, void and voidable agreements, employment contracts and discrimination. **This is an AOF elective course.** (semester) (juniors, seniors) (Pre-requisite: Business/Personal Law II)
- 087 – Personal Finance: This course is designed to provide students with a basic foundation in real-life financial matters. Subjects covered will include personal financial planning; banking and credit; investing personal financial resources; protecting finances through effective tax strategies; and health, disability and motor vehicle insurance. This course will be taught with a combination of workbook, textbook, and business project simulations. **This is a required AOF junior course.** (semester) (juniors, seniors)
- 062/063 – Entrepreneurship: This course explores what it takes to start and run a business. Students will develop an idea for a business and create a business plan that includes a description of products and services, an explanation of the management and organization of the business, a marketing plan, an operational plan, and a financial plan. This course also incorporates the study of the entrepreneur's effect on the global economy. Prior knowledge from accounting, business law, economics, and personal finance will be very useful. **This is an AOF elective course.** (full year) (juniors)
- 094 – Audio/Video Productions: Students will learn the techniques of producing podcasts and videos including camera operation, editing, audio dubbing, graphics and live broadcasts. Students will produce promotional videos and will film in-school activities. Some outside school time will be required. A special emphasis will be placed on the use of audio and video productions in business operations. **This is an AOF elective course.** (semester) (juniors, seniors)

095 – Advanced Finance: This course explores key topics such as cash flow, the business life cycle and capital. Students will learn to recognize the legal forms of business organization and grasp the pros and cons of business ownership. Students will develop an understanding of profit and distinguish this measure of business success from cost and revenue. Students will learn about various financial analysis strategies while they evaluate financial documents. They will learn the three most common methods by which businesses raise capital (stocks, bonds, and short-term financing). **This is a required AOF senior course.** (semester) (seniors)

COMPUTER STUDIES

BOTH COMPUTER TECHNOLOGY I AND II ARE REQUIRED FOR GRADUATION.

IT IS HIGHLY RECOMMENDED THAT THESE COURSES BE TAKEN DURING THE FRESHMAN AND/OR SOPHOMORE YEARS. STUDENTS INTERESTED IN THE AOF PROGRAM NEED TO TAKE THESE COURSES DURING THEIR FRESHMAN YEAR.

053 or 083 – Computer Technology I: This is an introductory course in computers that emphasizes their use in society. Students will learn the standard key locations and how to operate keys by touch. This will be done through self-paced lessons using Microtype Pro. Students will also demonstrate a mastery of Microsoft Word as well as keyboarding techniques and formatting. Students will improve their word-processing skills through project-oriented work, practice accessing the Internet and conducting research via the Internet. They will also study ethical issues as they relate to Internet and software usage. Operating systems and hardware terminology will be studied. Student learning will be based on computer lab practice and tests. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.**
(semester) (freshmen, sophomores, juniors, seniors)

054 or 084 – Computer Technology II: This is an introductory course in computers that emphasizes their use in society. Students are introduced to spreadsheet and database software using Microsoft Office and will complete assignments and projects that practice the various functions and capabilities these computer applications offer. Students will design and complete a multi-media project during this course that will include the use of presentation software. Trouble-shooting minor computer problems will be included in this course. Student learning will be based on class lecture and computer lab practice. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (semester)
(freshmen, sophomores, juniors, seniors) (Pre-requisite: Computer Technology I)

ENGLISH/LANGUAGE ARTS

ENGLISH I IS REQUIRED FOR ALL FRESHMEN.

105/106 – English I: While the study of literature and composition comprises the most significant concentration of this course, study and listening skills as well as library mastery skills are emphasized. Students will examine the short story and novel extensively and be introduced to poetry, drama, and non-fiction. Writing will focus on the descriptive, narrative, and expository essay. Grammar, usage, and mechanics will be studied in connection with composition work. Vocabulary study will be ongoing throughout the year. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (full year) (freshmen) (REQUIRED)

EITHER ENGLISH II OR H-ENGLISH II IS REQUIRED FOR SOPHOMORES.

130/131 – H-English II: This is a college-preparatory course for students who are willing to do more in-depth reading and writing. World classics in poetry, drama, fiction, and non-fiction will be studied for their literary, sociological, and historical significance. Students will write analytical essays about the literature in addition to work on the multi-paragraph essays of description, narration, and exposition. Grammar, usage, and mechanics will be reviewed during writing units. Vocabulary study is ongoing. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (Recommendation of English teacher) (full year) (sophomores)

135/136 – English II: Classics of world literature will be studied for their literary and sociological significance and will include poetry, drama, fiction, and non-fiction. Composition study focuses on the multi-paragraph essay and includes expository, descriptive, narrative, and argumentative writing. Grammar, usage, and mechanics will be reviewed in connection with composition. Vocabulary study is ongoing throughout the year. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (full year) (sophomores)

EITHER ENGLISH III OR H-ENGLISH III IS REQUIRED FOR ALL JUNIORS.

150/151 – H-English III: This is a college-preparatory course for students who want to do in-depth reading and writing. Classics of American literature will be examined for their literary, historical, sociological, and psychological significance. In addition to a research paper, students will write shorter essays of exposition, narration, and argumentation. Vocabulary study will include both literary and general reading terms. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (Recommendation of English teacher) (full year) (juniors)

146/147 – English III: In this course students will examine the American experience through classics in fiction, poetry, and drama. In addition to the research paper, students will write analytical essays about the literature as well as expository, descriptive, narrative, and persuasive essays. A thorough review of grammar, usage, and mechanics will accompany the study of composition skills. Vocabulary study includes literary terms as well as general reading vocabulary. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (full year) (juniors)

EITHER ENGLISH IV OR H-ENGLISH IV IS REQUIRED FOR ALL SENIORS.

190/191 – H-English IV: This is a college-preparatory course for students who want to study literature and composition in depth. Classics of English and world literature will be examined for their literary, historical, sociological, and psychological significance. Frequent in-class essays will be written as well as analytical essays about the literature. At least one research paper is required. Students who wish may take the Advanced Placement Examination in English Literature and Composition for from three to six hours of college credit or students may receive three hours of elective college credit (with extra tuition cost). **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (Recommendation of English teacher) (full year) (seniors)

195/196 – English IV: This class is designed to prepare students for the work-place or for college. Selected classics of English literature are studied for their literary, historical, and sociological influence. Students will write analytical essays about the literature, a personal experience narrative, a persuasive paper, and a research paper. In addition, students will complete a business writing unit. Vocabulary study is ongoing, and a grammar review accompanies composition study. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (full year) (seniors)

THE FOLLOWING COURSES ARE ELECTIVES. THEY DO NOT REPLACE THE REQUIRED ENGLISH COURSES.

103/104

101/102 – Reading: This is a required course for freshmen and sophomores who scored below the “Meets Standards” level on their last state reading assessment or who scored significantly below grade level on the HSPT (High School Placement Test). This course will alternate days with a Math Topics class. Students not needing to take the math class will have a study hall every other day. **This course does not replace any of the four English classes required for graduation.** (Recommendation of counselor or previous English teacher) (1/4 credit each semester) (full year) (freshmen, sophomores)

145 – College Composition: The goal of this course is to develop proficiency in various types of non-fiction writing situations, such as description, narration, and persuasion in both paragraphs and essays. Emphasis will be placed on effective organization and mechanical accuracy. Three hours of college credit may be earned (with additional tuition cost). (Recommendation of College Composition teacher) (semester) (seniors)

160/161 – Journalism I: Students in this introductory course are integrated with Journalism II and III students. All three levels work together during the same period in an on-the-job training class in which the sole purpose is the production of Bishop Ward’s newsmagazine, “The Outburst.” Since this is not a traditionally taught class (with no textbook provided), following directions and style rules via the teacher/advisor is extremely necessary. Throughout the course students write news, sports, features, and editorials. Interviewing techniques are included. Basic digital photography, Adobe Pagemaker, and Photoshop skills are emphasized. Overall each student learns desktop publishing by literally doing such – with advisor guidance. Grades are based on meeting deadlines, selling a minimum number of advertisements, quality and improvement of written and technical skills, and a positive attitude and cooperation. Excellent attendance is extremely important. (full year) (sophomores, juniors, seniors) (Pre-requisite: B- average in current English class and approval of Journalism teacher. Basic keyboarding skills are required.)

- 180/181 – Journalism II: Students in this second level course are integrated with Journalism I and III students in the production of the school newsmagazine, “The Outburst.” Students are responsible for working on the various phases of publishing: reporting, editing, photography, advertising, page design and layout, and other desktop publishing skills. Additional emphasis is placed on leadership skills and staff responsibility for the production of “The Outburst.” Students will establish production, writing, and photography schedules, make staff assignments, meet deadlines, edit, write, and work cooperatively with other staff members. When necessary, this course requires some work to be done outside of regular school hours. Grades are based on meeting deadlines, selling a minimum number of advertisements, quality and improvement of written and technical skills, and a positive attitude and cooperation. Excellent attendance is extremely important. (Recommendation of Journalism teacher) (full year) (juniors, seniors) (Pre-requisite: Journalism I and recommendation of Journalism teacher. Basic keyboarding skills are required.)
- 182/183 – Journalism III: Students in this continuation course are integrated with Journalism I and II students in the production of the school newsmagazine, “The Outburst.” Students at this level have more opportunity to develop leadership and journalistic skills while working as an “Outburst” staff member, usually as an editor. Students establish production, writing, and photography schedules, make staff assignments, meet deadlines, edit, write, and work cooperatively with other staff members. When necessary, this course requires some work to be done outside of regular school hours. Grades are based on meeting deadlines, selling a minimum number of advertisements, quality and improvement of written and technical skills, and a positive attitude and cooperation. Excellent attendance is extremely important. (Recommendation of Journalism teacher) (full year) (seniors) (Pre-requisite: Journalism II and recommendation of Journalism teacher. Basic keyboarding skills are required.)
- 164/165 – Yearbook I: Students in this introductory course are integrated with Yearbook II and III students. All three levels work together during the same period in an on-the-job training class in which the sole purpose is the production of Bishop Ward’s yearbook, “The Helix.” Since this is not a traditionally taught class (with no textbook provided), following directions and style rules via the teacher/advisor is extremely necessary. Throughout the course students take photos; write news, sports, and feature copy; and learn to lay out pages. Basic digital photography, Adobe Pagemaker and Photoshop skills are emphasized. Overall each student learns yearbook desktop publishing by literally doing such – with advisor guidance. Grades are based on meeting deadlines, selling a minimum number of advertisements, quality and improvement of written and technical skills, and a positive attitude and cooperation. Excellent attendance is extremely important. (full year) (sophomores, juniors, seniors) (Pre-requisite: B- average in current English class and approval of Yearbook teacher. Basic keyboarding skills are required.)

166/167 – Yearbook II: Students in this second level course are integrated with Yearbook I and III students in the production of the school yearbook, “The Helix.” Students are responsible for working on the various phases of yearbook publishing: photography, advertising, page design and layout, and other desktop publishing skills. Additional emphasis is placed on leadership skills and staff responsibility for the production of “The Helix.” Students will establish production, writing, and photography schedules; make staff assignments; meet deadlines; edit, write, and work cooperatively with other staff members. When necessary, this course requires some work to be done outside of regular school hours. Grades are based on meeting deadlines, selling a minimum number of advertisements, quality and improvement of written and technical skills, and a positive attitude and cooperation. Excellent attendance is extremely important. (Recommendation of Yearbook teacher) (full year) (juniors, seniors) (Pre-requisite: Yearbook I and recommendation of Yearbook teacher. Basic keyboarding skills are required.)

168/169 – Yearbook III: Students in this continuation course are integrated with Yearbook I and II students in the production of the school yearbook, “The Helix.” Students at this level have more opportunity to develop their leadership and journalistic skills while working as a “Helix” staff member, usually as a section editor or editor-in-chief. Students establish production, writing, and photography schedules; make staff assignments; meet deadlines; edit, write, and work cooperatively with other staff members. When necessary, this course requires some work to be done outside of regular school hours. Grades are based on meeting deadlines, selling a minimum number of advertisements, quality and improvement of written and technical skills, and a positive attitude and cooperation. Excellent attendance is extremely important. (Recommendation of Yearbook teacher) (full year) (seniors) (Pre-requisite: Yearbook II and recommendation of Yearbook teacher. Basic keyboarding skills are required.)

SPEECH

INTRODUCTION TO COMMUNICATIONS (OR BUSINESS COMMUNICATIONS FOR AOF STUDENTS) IS REQUIRED FOR GRADUATION.

- 111 or 112 – Introduction to Communications: This introductory course will include a study of both verbal and non-verbal communications. Time will be devoted to research techniques, outlining, organizing, writing, and delivering the speech. Informative, persuasive, and impromptu speeches will be covered. (semester) (freshmen, sophomores, juniors, seniors) (REQUIRED)
- 114 – Business Communications: This course is designed to help students improve communication skills. Public speaking, letter writing, email etiquette, voice mail, text messaging, and telephone skills will be addressed. The course will be taught with a combination of textbook, real-life examples and guest speakers from the community. **This is a required AOF junior course that replaces the Introduction to Communications requirement.** (Recommendation of previous English teacher) (semester) (juniors, seniors)
- 118 – Introduction to Forensics: This course will give students the opportunity to polish communication skills. The course will focus on the development of individual pieces for competition in speech tournaments. Possible competitive speaking situations include Informative Speaking, Extemporaneous Speaking, Dramatic and Humorous Interpretation and many more. Upon completion of this course, students will be encouraged to further develop skills in Forensics II. Outside time is required. (Recommendation of Forensics teacher) (second semester) (freshmen, sophomores, juniors, seniors) (Pre-requisite: Introduction to Communications)
- 132 – Forensics II: This course is designed to continue the development of skills in speech and theatre activities. Students will develop pieces for competition on the high school level. Possible competitive events include Extemporaneous Speaking, Informative Speaking, Oral Interpretation of Literature, and Solo and Duet Acting. Outside time will be required. (second semester) (sophomores, juniors, seniors) (Pre-requisite: Introduction to Forensics)

FINE ARTS

ONE CREDIT IN FINE ARTS IS REQUIRED FOR GRADUATION.

ART

- 247 – Ceramics: Students will be exposed to basic ceramic materials and techniques used for the production of functional pottery and ceramic sculpture. Students will create ceramic objects using hand-building techniques. (semester) (freshmen, sophomores, juniors, seniors)
- 283 – Advanced Ceramics I: Students will continue to explore ceramic materials and techniques with emphasis on personal expression. Wheel throwing, slip casting, mold making, glaze development, and sculpture will be explored through increased studio time. (semester) (sophomores, juniors, seniors) (Pre-requisite: Ceramics or instructor permission)
- 284 – Advanced Ceramics II: This class is a continuation of Advanced Ceramics I. (semester) (juniors, seniors) (Pre-requisite: Advanced Ceramics I)
- 285 – Advanced Ceramics III: This class is a continuation of Advanced Ceramics II. (semester) (juniors, seniors) (Pre-requisite: Advanced Ceramics II)
- 286 – Advanced Ceramics IV: This class is a continuation of Advanced Ceramics III. (semester) (seniors) (Pre-requisite: Advanced Ceramics III)
- 248 – Art Foundations I: This is primarily a drawing course with an emphasis on changing the way a student sees. All aspects of two-dimensional expression are explored with additional information on art history and aesthetics. (semester) (freshmen, sophomores, juniors, seniors)
- 249 – Art Foundations II: This is a second semester of foundations of art. (semester) (freshmen, sophomores, juniors, seniors) (Pre-requisite: Art Foundations I)
- 274 – Drawing: This course further explores drawing skills through additional materials and media. (semester) (sophomores, juniors, seniors) (Pre-requisite: Art Foundations II)
- 275 – Painting: This course introduces students to painting media with an emphasis on basic techniques, color manipulation, and composition. (semester) (sophomores, juniors, seniors) (Pre-requisite: Drawing)

- 254 – Advanced Art I: This course is a further exploration of the creative process with an emphasis on individual artistic statement. Students will be allowed to choose their media with instructor approval. (semester) (juniors, seniors) (Pre-requisite: Painting)
- 256 – Advanced Art II: This course is a continuation of Advanced Art. (semester) (juniors, seniors) (Pre-requisite: Advanced Art I)
- 262 – Advanced Art III: This course is a continuation of Advanced Art. (semester) (seniors) (Pre-requisite: Advanced Art II)
- 272 – Advanced Art IV: This course is a continuation of Advanced Art. (semester) (seniors) (Pre-requisite: Advanced Art III)
- 246 – Graphic Design: This course teaches students how to use the Adobe software program Photoshop. Students will learn to scan photographs and manipulate images using Photoshop. Students will be exposed to basic layout principles and to digital photography. (semester) (sophomores, juniors, seniors) (Pre-requisite: Computer Technology)
- 266 – Graphic Design II: In this course students will further develop skills in digital photography, Photoshop, and PageMaker. Students will document varsity and sub-varsity events for publication, i.e. Yearbook, Outburst, Website. (semester) (juniors, seniors) (Pre-requisite: Graphic Design)
- 273 – Senior Portfolio: Students will be allowed, with the approval of the art instructor, to take a two-period block in order to create work for submission to juries for scholarship consideration or admission to various schools or art institutes. (Recommendation of Senior Portfolio teacher) (first semester - two hour block for one credit) (seniors)

DRAMA

- 239 – Acting I: This course will expose the student to the various aspects of acting and encourage an appreciation of this art form. The course examines dramatic literature, pantomime, improvisation, characterization, and technical theatre. Willingness to participate is mandatory for this class. (semester) (freshmen, sophomores, juniors, seniors)
- 241 – Acting II: This course is an extension of Acting I. Students who demonstrate through an audition that they are seriously interested in performance theatre are eligible for this class. Students will be performing for an audience as part of the class. (Recommendation by audition) (semester) (sophomores, juniors, seniors) (Pre-requisite: Acting I and approval by audition)

- 242 – Play Writing: This course will focus on writing for theatrical production, specifically a short production such as a one act play or a series of monologues. The final product would be staged in collaboration with Acting I and II. Students would receive credit in either Fine Arts or English. (semester) (sophomores, juniors, seniors) (Pre-requisite: Acting I)
- 243 – Stagecraft: This course will focus on all aspects of technical theater: lights, sound, make-up, scene design, etc. Practical experience is a requirement for the course (work on the fall play, spring musical, or outside of BWHS). The class will be moderated and coordinated by the teacher but the individual would be overseen by a trained and experienced adult in the field. For example, an expert in theatrical lighting would work with the student for an appropriate amount of time to prepare lights for a school production. Students will ultimately choose a specific area on which to focus their attention (i.e. light crew, sound crew, make-up, etc.) (semester) (sophomores, juniors, seniors) (Pre-requisite: Participation in two theatrical productions)

MUSIC

- 212/213 – Vocal Music: This course is an opportunity for students who enjoy singing to experience a wide variety of music and is open to all students. Students will learn to read musical notation and rhythms. Invitations to perform will be part of this group and some time outside of the school day is required. (full year or semester) (freshmen, sophomores, juniors, seniors)
- 215/216 – Bell Choir: This course is an opportunity for students to learn techniques for playing hand bells/choir chimes and is open to all students. Students will learn to read musical notation and rhythms. Teamwork is an essential part of bell/chime ringing. Invitations to perform will be part of this group and some time outside of the school day is required. (full year or semester) (freshmen, sophomores, juniors, seniors)

PHYSICAL EDUCATION

A TOTAL OF TWO SEMESTERS OF PE IS REQUIRED DURING THE FRESHMAN AND SOPHOMORE YEARS UNLESS THE STUDENT IS EXCUSED BY A DOCTOR.

303/304 – Boys PE:

305/306 – Girls PE: This course consists of physical exercise with an appreciation for recreational sports and activities. Basic fundamentals and terminology of individual and team sports are taught for carry-over value. These sports will include basketball, volleyball, floor hockey, flag football, soccer, speedball, softball, archery, and ultimate Frisbee. Weight training and aerobic training will also be covered, with instruction on the importance of each. Two semesters of this course must be completed by the end of the sophomore year unless excused by a doctor. (semester or full year) (freshmen, sophomores) (REQUIRED)

NOTE: P.E. uniform for both sexes consists of a pair of basic black shorts, a Bishop Ward PE t-shirt, white socks, and a pair of tennis shoes.

346/347 – Girls' PE Assistant:

353/354 – Boys' PE Assistant: This course is designed to assist the physical education instructor. The duties will include the following: suit up daily, help lead exercises, assist in ability groups and in testing, help with equipment, check showers, and referee games. Grading is on a Pass/Fail system. This course cannot be taken in the same semester as Office Aide, Development Office Aide, Library Aide, or Teacher Aide. (Recommendation of Mr. Heider, Mr. Duggins and PE teacher) (semester or full year) (seniors)

335 – Advanced PE: This course consists of exercise and fitness testing with emphasis on life-time activities. Those activities would include archery, badminton, basketball, bowling, flag football, handball, softball, speedball and volleyball. This class is a co-ed class. (semester) (sophomores, juniors, seniors) (Pre-requisite: two semesters of PE)

355/356 – Weight Training I: This is a beginner's course on weight training. Students will learn proper lifting technique, a variety of lifts, what muscles are being used, and how to lift safely. This course is designed to allow students the opportunity to improve their physical fitness. (semester or full year) (sophomores, juniors, seniors)

365/366 – Weight Training II: This is an advanced weight training and conditioning course for the student athlete. The emphasis in this class will be on improving the student's athletic performance. Training in this class will be more intense with emphasis on conventional and non-conventional methods. This training will help the student athlete with his/her performance in sports and help reduce athletic injuries. (Recommendation of Weight Training teacher) (full year or semester) (sophomores, juniors, seniors)

375/376 – Lifetime Wellness: This course will help students learn about the importance of exercise and nutrition to help maintain a healthy lifestyle. The main focus of this course will be to learn about and participate in strength and aerobic training. Basic instruction will be given on proper lifting techniques, muscles that are used, and safety. Students will also learn proper usage and be given the opportunity for cardiovascular training through the use of our track, treadmills, ellipticals, and stationery bikes. Proper nutrition and diet will be discussed with an overall emphasis on health. (full year or semester) (sophomores, juniors, seniors)

NOTE: LIFETIME WELLNESS, WEIGHT TRAINING I, AND WEIGHT TRAINING II ARE LOCATED AT THE FOOTBALL FIELD. STUDENTS ARE RESPONSIBLE FOR THEIR OWN TRANSPORTATION TO THE STADIUM AND THEIR OWN RETURN TO SCHOOL. LAST HOUR STUDENTS WILL BE DISMISSED FROM THE STADIUM.

FOREIGN LANGUAGE

ONE YEAR OF A FOREIGN LANGUAGE IS REQUIRED FOR GRADUATION. TWO OR MORE YEARS OF THE SAME FOREIGN LANGUAGE ARE HIGHLY RECOMMENDED FOR THOSE STUDENTS PLANNING ON ATTENDING COLLEGE.

- 435/436 – Spanish I: In this course, the four basic language skills (speaking, listening, writing, and reading) are introduced through a variety of presentations. Emphasis is on basic language patterns, simple dialogue, proper pronunciation, and listening skills. Spanish culture and geography are also studied through various activities. (full year) (freshmen, sophomores, juniors, seniors)
- 443/444 – Spanish II: This course reinforces and continues the grammatical studies begun in Spanish I. The building of listening and speaking skills continues with increased emphasis on reading, writing, and spoken communication. Geography, customs, and the current politics of the Spanish-speaking world are introduced. (full year) (sophomores, juniors, seniors) (Pre-requisite: Spanish I or the equivalent)
- 470/471 – H-Spanish III: This course enables the student to gain greater proficiency in his/her communicative skills. Conversational skills are stressed. Reading and writing skills are enhanced through the study of advanced grammatical structures. Hispanic culture and history are studied through videos, literature, and art. (full year) (juniors, seniors) (Pre-requisite: B in Spanish II or the equivalent)
- 437/438 – Spanish I for Native Speakers: This course is designed for students whose first language is Spanish; i.e. where Spanish is spoken in the home. Because students are fluent in speaking Spanish, emphasis will be on Spanish reading, writing, and grammar skills. Reading skills will include reading aloud, as well as reading for personal enrichment. Students will read authentic short stories in Spanish. Translation skills will be incorporated into the curriculum, which will enhance overall language development in both Spanish and English. (Recommendation of department) (full year) (freshmen, sophomores, juniors, seniors)

- 445/446 – Spanish II for Native Speakers: This course continues to develop skills previously learned in Spanish I for Native Speakers. Further emphasis will be given to higher-level reading, writing, and grammar skills in both languages. Students will further develop reading skills by study of authentic literature in Spanish. Reading aloud strategies will assist in comprehension. Students will have opportunities to read for personal enrichment. Particular emphasis will be given to utilizing their Spanish skills to facilitate their increased success in reading and writing English. (Recommendation of Department) (full year) (sophomores, juniors, seniors) (Pre-requisite: Spanish I for Native Speakers or department approval)
- 472/473 – H-Spanish III for Native Speakers: This course builds on the prior two Spanish for Native Speakers courses. Students will read authentic modern Hispanic literature in Spanish. Emphasis will be on reading, writing, and classroom discussion, all in Spanish. Students will have continued opportunities to read for personal enrichment. This is a higher-level thinking course, designed for students who want to further their language skills in Spanish. (Recommendation of Department) (full year) (juniors, seniors) (Pre-requisite: B in Spanish II for Native Speakers or department approval)
- 497/498 – H-Spanish 4/5 Cycle A: This course is open to all 4th and 5th level students who would like to further develop their Spanish language skills. In Cycle A, students will be introduced to the Spanish classics of Miguel de Cervantes Saavedra, Federico Garcia Lorca, Lope de Vega, Pérez Galdós, Pedro Antonio Alarcón, Pío Baroja, Alejandro Casona, Pardo Bazán, Francisco de Quevedo, Miguel de Unamuno, Goya, and Velázquez. (full year) (seniors) (Pre-requisite: B in Spanish III or Spanish III for Native Speakers)
- 495/496 – H-Spanish 4/5 Cycle B: This course is open to all 4th and 5th level students who would like to further develop their Spanish language skills. In Cycle B, students will study modern Spanish writers from Spain and Latin and South America. Authors include: Ana María Matute, Rubén Darío, Carlos Fuentes, Gabriel Mistral, Octavio Paz, Carmen Laforet, Julio Cortázar, Allende, Nicolás Guillén, Sábato, García Márquez, Echeverría, Darío, Neruda, as well as the famous painters Picasso and Dalí. (full year) (seniors) (Pre-requisite: B in Spanish III or Spanish III for Native Speakers)

MATHEMATICS

THREE CREDITS IN MATHEMATICS ARE REQUIRED FOR GRADUATION.

- 507/508 – Math Topics: This is a required course for freshmen who scored significantly below grade level on the HSPT (High School Placement Test). This course will alternate days with a Reading class. Students not needing to take the Reading class will have a study hall every other day. **This course does not count as one of the three math classes required for graduation.** (Recommendation of counselor or department chairperson) (1/4 credit each semester) (full year) (freshmen)
- 528/529 – Developmental Math: In the first half of this course students will become proficient at the addition, subtraction, multiplication, and division of whole numbers, fractions, and mixed numbers without the aid of a calculator. Particular emphasis is given to the memorization of the addition and multiplication facts. The second half of this course includes units on solving multi-operation equations using the undoing operations and the arithmetic of signed numbers. (Recommendation of counselor or previous math teacher) (full year) (freshmen)
- 505/506 – Algebra I: In this study of the basic operations and related properties of the real numbers, the student will learn to simplify expressions, solve equations and inequalities, and use graphical representations. Through word problems, the student will also learn to apply mathematics. **This course, if taken in high school, has been accepted as one of the three math courses required by the Kansas Board of Regents.** (Recommendation of counselor or previous math teacher) (full year) (freshmen, sophomores, juniors)
- 511/512 – Algebra IA: This course covers the first semester topics of Algebra I but at a slower rate to allow students needing more time to master concepts, a better chance to be successful. Students will learn how to simplify expressions involving variables and signed numbers, how to solve multi-step single variable equations and inequalities, how to graph linear equations and inequalities and how to write equations of graphed lines. **This course, in conjunction with Algebra IB, fulfills the Algebra I course requirement of the Kansas Board of Regents.** (Recommendation of counselor or previous math teacher) (full year) (freshmen, sophomores)

- 537/538 – Assessment Prep: This is a required course for sophomores who have been identified by their freshman math teacher as needing extra help on topics to be covered on the Kansas Math Assessment. This course will alternate days with a Reading class. Students not needing to take the Reading class will have a study hall every other day. **This course does not count as one of the three math classes required for graduation.** (Recommendation of counselor or department chairperson) (1/4 credit each semester) (full year) (sophomores)
- 513/514 – Algebra IB: This course covers the second semester topics of Algebra I but at a slower rate to allow students needing more time to master concepts, a better chance to be successful. Students will learn how to solve systems of equations and inequalities, how to simplify expressions using the laws of exponents, how to solve quadratic equations, how to simplify and factor polynomials, how to simplify rational expressions, and how to simplify radical expressions. **This course, in conjunction with Algebra IA, fulfills the Algebra I course requirement of the Kansas Board of Regents.** (full year) (sophomores, juniors) (Pre-requisite: Algebra IA)
- 520/521 – H-Geometry: This Geometry course is at a more rigorous pace for mathematically capable students. **This course has been accepted as one of the three math courses required by the Kansas Board of Regents.** (Recommendation of Algebra teacher) (full year) (freshmen, sophomores) (Pre-requisite: B+ in Algebra I)
- 523/524 – Geometry: This is an integrated course in two and three-dimensional geometry that introduces the student to an axiomatic system and gives him/her training in inductive and deductive reasoning. The student learns the relations of geometric figures and practical applications of these relations. Coordinate applications integrate algebra and geometry. **This course has been accepted as one of the three math courses required by the Kansas Board of Regents.** (full year) (freshmen, sophomores, juniors, seniors) (Pre-requisite: Algebra I)
- 534/535 – Practical Geometry: This course covers the basic concepts of geometry and their practical applications in daily life but with a de-emphasis on formal proof. **This course does not fulfill the Kansas Board of Regents Geometry requirement.** (full year) (juniors, seniors) (Pre-requisite: Algebra IB or department chairperson approval)
- 525/526 – Intermediate Algebra: This course is designed for students who earned below a C average in Algebra I and therefore do not yet have the skills necessary to be successful in Algebra II. The course will review, strengthen, and further develop topics covered in Algebra I and does not take the place of Algebra II. (Recommendation of department chairperson) (full year) (juniors, seniors) (Pre-requisite: Algebra I or Algebra IA and IB and Practical Geometry)

- 543/544 – Algebra II: This course reviews the concepts of Algebra I and gives the students a more advanced study of these and also includes the study of complex numbers, polynomial functions, and logarithms. **This course has been accepted as one of the three math courses required by the Kansas Board of Regents.** (full year) (sophomores, juniors, seniors) (Pre-requisite: C in Algebra I)
- 550/551 – H-Advanced Algebra II: This is an integrated course in advanced algebra and analytic geometry. This course, emphasizing the structure of algebra and problem-solving techniques, is planned for mathematically capable students. **This course has been accepted as one of the three math courses required by the Kansas Board of Regents.** (Recommendation of previous teacher) (full year) (sophomores, juniors) (Pre-requisite: B+ in Algebra I and H-Geometry or recommendation of Geometry teacher)
- 560/561 – H-Pre-Calculus: This course provides a thorough preparation for college-bound students in both numerical and analytical trigonometry. Also included are sequences and series, vectors, functions, polynomials, and complex numbers. **This course has been accepted as one of the three math courses required by the Kansas Board of Regents.** (Recommendation of previous teacher) (full year) (juniors, seniors) (Pre-requisite: B in Advanced Algebra II or recommendation of Advanced Math teacher)
- 545/546 – Advanced Math: This course is for students wanting a fourth year of math following Algebra II. The course will cover Trigonometry and other advanced math concepts. **This course has been accepted as one of the three math courses required by the Kansas Board of Regents.** (full year) (juniors, seniors) (Pre-requisite: Algebra II)
- 570/571 – H-Calculus: This course covers all the standard topics of first semester college calculus: analytic geometry of points, lines, and circles; function composition; function domain and range; limits and continuity; formal and rote differentiation; curve sketching; applied word problems; definite integral as the limit of a sum; area and volume of a solid of revolution problems; and antidifferentiation. The student may obtain college credit hours (with extra tuition cost). This course may be taken for Advanced Placement (AP) college credit. **This course has been accepted as one of the three math courses required by the Kansas Board of Regents.** (Recommendation of previous teacher) (full year) (seniors) (Pre-requisite: Pre-Calculus)

THEOLOGY

A THEOLOGY COURSE IS REQUIRED EACH SEMESTER OF ENROLLMENT AT BISHOP WARD.

- 603/604 – Theology I: This course will introduce students to the mystery of Jesus Christ the living Word of God who is revealed to us in the Sacred Scriptures. Students will gain a general knowledge and appreciation of the Sacred Scriptures. They will learn how the Bible was authored by God and human writers through inspiration. They will learn how to read the Bible and become familiar with the major sections of the Bible and the books included in each section. Throughout the course there will be emphasis on God's covenant relationship with humanity and the narrative thread of salvation history. The second semester will focus especially on the Gospels where students may grow in their knowledge of Jesus. In learning about who Jesus is, the students will also learn who he calls them to be. (full year) (freshmen) (REQUIRED)
- 623 – Christian Scriptures: The goal of this course is to present the challenge of Christianity as taught in the New Testament. Students will examine the words and actions of Jesus himself. The course will give a background to studying scripture as well as explore recent Christology. Students will learn the books and genres of the Christian Scriptures and explore the possibilities of scripture in prayer and how it is the foundation and pillar of our faith. (semester) (sophomores) (REQUIRED)
- 626 – Morality: This course examines the reasoning and conscience of Catholic character. Students will explore the Church's teachings concerning moral and sexual issues including conscience, sin, good and evil, chastity and cohabitation outside of marriage, abortion, homosexuality, drugs and alcohol, cheating and stealing, etc. Students will understand that human beings grow through stages of moral development. Students will identify role models, institutions, and activities that foster a Christian lifestyle. **This is a required AOF course.** (semester) (sophomores) (REQUIRED)

- 662 – Church and Creed: This course consists of three parts. Part one of the course will focus on the mystery of the Church. The Church is so complex that we will never fully understand it in this life. This is why the Christian Scriptures use so many images to explore the mystery of the Church. More recently, some models of the Church began to be developed to better understand the mystery of the Church in the form of various communities sharing the life of Christ, including: a faith community, a life-sharing community, a sacramental community, a witnessing community, a hierarchical community, and a ministering community. These communities walk side-by-side living the faith and sharing their individual gifts. The Latin translation of the word “creed” is “I believe.” In part two of the course the essential beliefs of Catholicism will be studied and discussed. This course will also include a study of the believing communities of other religions of the world. This focus enables Catholics to appreciate and better understand their faith and membership in the Catholic Church. An overview of the doctrine, scripture, and traditions of these religions will be studied. The religions explored will include Judaism, Buddhism, Hinduism, Islam, and other Christian denominations. (semester) (juniors) (REQUIRED)
- 663 – Prayer and Sacraments: This course consists of two parts. Part one examines the importance and purpose of prayer in the Christian life and community. The application of different prayer styles – conversation, meditation, and contemplation – will also be studied. Part two of the course centers on the concept of “sacrament.” This study will not only include an in-depth look at the seven sacraments of Initiation, Healing, and Vocation, but what it means to actually *be* a sacrament – to live a sacramental life by living as a visible sign of God’s presence in the world. This sacramental perspective views all of reality as sacred. (semester) (juniors) (REQUIRED)
- 667 – Living Faith: This course is designed to give students a greater understanding of the importance of relationships in life. The center of all relationships is the Christian baptismal call to friendship with God. Students will explore their Christian responsibilities within society and the Church as they move into adulthood. Students will analyze and appreciate the role of prayer in their relationships. All vocations and life-styles are dealt with in the course, with a heavy emphasis placed on understanding the marital relationship. Both the spiritual and practical sides of relationships are studied. (semester) (seniors) (REQUIRED)

666 – Social Justice: This course fosters the student's development of a Christian attitude and response to the world's many social concerns. The course seeks to make the students more aware of social conditions and problems and searches for reasons and Christian responses. The documents of the Church's social teaching direct the student's understanding of sanctity of life and the dignity of the human person, human rights and responsibilities, a preferential option for the poor and vulnerable, the dignity of work and rights of workers, solidarity, and caring for God's creation. Students will analyze the lives and gifts of those who model such Christian justice. Students will identify the Christian virtues and moral principles found in scripture and Catholic social teaching. (semester) (seniors) (REQUIRED)

THIS COURSE IS AN ELECTIVE. IT DOES NOT REPLACE ANY REQUIRED THEOLOGY COURSE.

672 – Liturgical Ministries: Students in this class will demonstrate knowledge of the Catholic Church teachings and traditions, including valid and licit ritual practice. The students will be trained in the various Church ministries such as Eucharistic Minister, Lector, Sacristan, and Server. The course will emphasize the latest developments in the Catholic Church regulations based on the Documents of Vatican Council II and any further updates to the Roman Missal. Students will practice what they learn at all Bishop Ward High School liturgies and prayer services. Planning and execution of the prayer for the school community are expected. (semester) (juniors, seniors) (ELECTIVE)

SCIENCE

THREE SCIENCE CREDITS ARE REQUIRED FOR GRADUATION.

BIOLOGY OR H-BIOLOGY IS REQUIRED FOR ALL FRESHMEN.

720/721 – H-Biology: This is an in-depth, systematic approach to the study of living things. Due to the rapid expansion of knowledge in this field, study will be accelerated so that not only text content, but also current research and development, will be covered. The major topics to be studied are: living organisms, cells, continuity of life, history and diversity of life, viruses and monera, protista and fungi, plants, invertebrates, human biology, and ecology. Emphasis is placed on the mastery of the vocabulary of biology. Microscope work and lab dissections are an integral component of the course. Students will be placed in this course based on their scores on the High School Placement Test. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (full year) (freshmen)

723/724 – Biology: The five kingdoms of organisms will be investigated, beginning with the chemical basis of life and proceeding from the simplest to the most complex systems in organisms. Lab experimentation will emphasize the scientific method and the nature of problem solving. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (full year) (freshmen)

754/755 – Earth/Space Science: Students will study the interfaces among the lithosphere, hydrosphere, and atmosphere of our planet, and Earth's relationship to other bodies in space. Investigations will include studies of the earth's structure and composition, formation, history, geo-physical structures and tectonic activity, the forces and results of weathering and erosion, weather and climate, along with a closer look at galaxies, stars, the solar system, and space exploration. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (full year) (sophomores) (Pre-requisite: Biology)

740/741 – H-Chemistry: This course begins with the study of structure of matter and the changes matter undergoes. Students will use their algebra skills while learning problem solving techniques. Laboratory experiences and classroom demonstrations help illustrate the concepts covered in the text. Students must possess the willingness to cover concepts at a deeper level and at a faster pace and the maturity to work independently in the laboratory. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (full year) (sophomores) (Pre-requisite: Algebra I and H-Biology and teacher recommendation)

- 745/746 – Chemistry: This course is designed to give an overview of chemistry covering measurement; the structure of elements and compounds; chemical bonding and balancing equations; study of solutions, acids and bases; and oxidation and reduction reactions. It will emphasize the practical applications of chemical concepts. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (full year) (juniors, seniors) (Pre-requisite: C in Algebra I and Biology)
- 725/726 – Biology II: This course is designed for the student who has a strong interest in biology. Students explore advanced topics from cellular biology, biochemistry, biotechnology, genetics, microbiology, evolution, behavior, ecology, plant and animal anatomy, and physiology. Research and advanced laboratory techniques are emphasized. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (full year) (juniors, seniors) (Pre-requisite: Earth/Space Science)
- 763/764 – Environmental Science: This course investigates the environment in which we live. Students will develop basic ecological principles and an awareness of environmental problems. Activities are aimed to aid students in making responsible environmental decisions. Laboratory exercises are designed to show the relationship between the living and the nonliving world. **This course does not fulfill the Kansas Board of Regents Science requirement but does count as one of the three science courses required for graduation from Bishop Ward High School.** (full year) (juniors, seniors) (Pre-requisite: Chemistry or Earth/Space Science)
- 783/784 – Science Standards: This elective course will give students extra help mastering topics to be covered on the Kansas State Science Assessment. **This course does not fulfill the Kansas Board of Regents Science requirement and also does not count as one of the three science courses required for graduation from Bishop Ward High School.** (full year) (juniors)
- 750/751 – H-Anatomy and Physiology: This course studies the structure and functions of the human body. Problem-solving skills will be further developed in this course. This class is taught from both conceptual model and from laboratory experimentation. This is a desirable course for any student interested in the medical profession. This course may be taken for college credit (with additional tuition cost). **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (full year) (juniors, seniors) (Pre-requisite: Chemistry)

760/761 – H-Physics: This course covers motion in one-and-two dimensions, forces, vectors, momentum, energy and thermal energy, waves and transfer of energy, sound, light, reflection and refraction, work, energy, simple machines, mirrors and lenses, diffraction and interference of light, static and electric fields, magnetism and electromagnetic induction, and the Quantum Theory. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (full year) (juniors, seniors) (Pre-requisite: H-Chemistry and Pre-Calculus and teacher recommendation)

765/766 – Physics: This course studies mechanics (linear motion; projectile motion and Newton's 1st, 2nd, and 3rd Laws; momentum; energy; circular motion); solids, liquids, gases; heat (temperature, heat, expansion, heat transfer, thermodynamics); sound and light (vibrations and waves, sound, light, color, reflection and refraction, lenses, diffraction and interference); electricity and magnetism (electrostatics, electric fields and potential, electric currents, circuits, magnetism); nuclear physics (the atom and the quantum). **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (full year) (juniors, seniors) (Pre-requisite: Algebra II and C in Chemistry)

785/786 – Science Research and Projects: This is a year-long independent study class for students who show a keen interest in science as a career. Students will work on a scientific problem for the year with the opportunity to apply knowledge gained in traditional courses to solve that problem. They will be given the chance to utilize needed technology and interact with professionals in the scientific community while working on the problem. A science presentation and a paper covering the findings are requirements, as well as periodic demonstration of achievement during the year. Students must apply and interview for acceptance into this course. Chemistry and Physics are strongly suggested as pre-requisites for this course although P hysics can be taken at the same time. (Approval by all members of the science department) (full year) (juniors, seniors) (Pre-requisite: Chemistry and concurrent enrollment in Physics)

SOCIAL STUDIES

WORLD GEOGRAPHY IS REQUIRED FOR ALL FRESHMEN.

825 – World Geography: This course will cover geography topics including physical and cultural aspects and will help students understand how people interact with their environment. Emphasis will also be placed on developing geography skills such as the use of maps, charts, tables, and graphs. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (semester) (freshmen) (REQUIRED)

A WORLD HISTORY COURSE IS REQUIRED FOR ALL SOPHOMORES.

820/821 – H-World History: In this course students will complete the requirements for the regular World History course and will also be involved in independent research and reports. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (full year) (sophomores) (Pre-requisite: B+ in Geography and English I and recommendation of the social studies department)

823/824 – World History: Students will examine the history of world civilizations and analyze their development and interrelationships through the centuries. Students will compare the effects various cultures have had on each other and how they impact our lives today. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (full year) (sophomores)

AN AMERICAN HISTORY COURSE IS REQUIRED FOR ALL JUNIORS.

840/841 – H-American History: Students will become acquainted with the foundations and development of our country and its people. Students' skills and abilities in reading, analyzing, and interpreting events and movements will be fostered by independent research and reports, as well as by classroom participation. This course may be taken for Advanced Placement (AP) college credit. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (full year) (juniors) (Pre-requisite: GPA of 3.3 and recommendation of the social studies department)

843/844 – American History: As students learn about the foundation and development of our country and its people, skills introduced earlier will be strengthened and expanded as they learn to read, analyze, and interpret events and developments in American history. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (full year) (juniors)

AN AMERICAN GOVERNMENT COURSE IS REQUIRED FOR ALL SENIORS.

- 860 – H-American Government: Students complete all the requirements of the regular American government course, and in addition, are expected to demonstrate advanced skills in researching and analyzing issues and making written and oral presentations. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (semester) (seniors) (Pre-requisite: American History and GPA of 3.3 and recommendation of the social studies department)
- 863 – American Government: This course covers the principles on which American government is based and the various ways it functions. By examining our unique political processes and how our national, state, and local governments work, students prepare for active participation as citizens. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (semester) (seniors) (Pre-requisite: American History)

ALL STUDENTS ARE REQUIRED TO TAKE ONE OF THE FOLLOWING ELECTIVES.

- 864 – Psychology: This course studies individual human behavior. We will examine human needs, motives, emotions, and environmental factors that will provide greater insight into evaluating our personal behavior. Noted theorists and their approaches to human behavior will be discussed. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (semester) (juniors, seniors)
- 876 – Current Social Issues: This course will enable students to evaluate and understand the events taking place in today's changing world. Students will study current materials and background information to learn about today's critical issues – domestic and foreign, national and world. **This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents.** (semester) (juniors, seniors)
- 865 – Economics: This course explores the characteristics, organization, and management of business operations. Areas include advertising, types of ownership, supply and demand, financial and career planning, and the stock market. The class works in conjunction with Junior Achievement of Kansas City. **This is a required AOF course. This course is part of the Qualified Admissions Pre-College Curriculum approved by the Kansas Board of Regents. This course can be taken for either a Business credit or a Social Studies credit but not for both.** (semester) (sophomores, juniors, seniors)

INTERDISCIPLINARY

- 943/944 – Office Aide: The student will work in the main office assisting with routine office procedures, mailings, filings, errands, etc. Good attendance and no discipline referrals are necessary for this position. Grading is on a Pass/Fail system. This course cannot be taken in the same semester as P.E. Assistant, Library Aide, Development Office Aide or Teacher Aide. (Recommendation of Mr. Heider, Mr. Duggins and Mrs. Reed) (full year or semester) (seniors)
- 945/946 – Library Aide: Students working in the library will learn how to check out books, shelve books, and process incoming newspapers and magazines. Library Aides must be willing to assist the librarian with bulletin boards, errands, filings, making deliveries, and other jobs as they become necessary. Library Aides must also develop sufficient expertise to assist patrons in the use of the online catalog, databases, effective internet searching, and other library resources. Good attendance and no discipline referrals are necessary for this position. Grading is on a Pass/Fail system. This course cannot be taken in the same semester as P.E. Assistant, Office Aide, Development Office Aide or Teacher Aide. (Recommendation of Mr. Heider, Mr. Duggins and librarian) (full year or semester) (seniors)
- 947/948 – Development Office Aide: The student will work in the Development Office assisting with routine office procedures, mailings, filings, errands, soliciting for the annual auction, etc. Good attendance and no discipline referrals are necessary for this position. Grading is on a Pass/Fail system. This course cannot be taken in the same semester as P.E. Assistant, Office Aide, Library Aide, or Teacher Aide. (Recommendation of Mr. Heider and Mr. Duggins) (full year or semester) (seniors)
- 933/934 – Teacher Aide: Students will be assigned to work with a classroom teacher assisting the teacher in routine tasks. Good attendance and no discipline referrals are necessary for this position. **This is a no-credit course.** This course cannot be taken in the same semester as P.E. Assistant, Office Aide, Development Office Aide or Library Aide. (Recommendation of Mr. Heider and Mr. Duggins) (full year or semester) (seniors)
- 987/988 – Study Hall: **This is a no-credit course** that alternates every other day with either Math Topics, Assessment Prep or Reading. Students enrolled in this course cannot also enroll in another study hall course. (full year) (freshmen, sophomores)
- 997/998 – Study Hall: **This is a no-credit course.** Students may enroll in one or both semesters. Students may enroll in no more than one study hall per semester. (full year or semester) (freshmen, sophomores, juniors, seniors)