

## **Dual Credit offerings at Bishop Neumann High School 2023-2024**

### **Nebraska Wesleyan University Honors Academy**

In partnership with Nebraska Wesleyan University, Bishop Neumann offers several dual enrollment courses to juniors and seniors. To be eligible for the NWU Dual Enrollment Program, a student must have a 3.0 cumulative GPA or higher. The student's guardian and course instructor must approve the registration. Tuition is paid directly to Wesleyan.

#### **Advanced Biology: BIO 1010 Perspectives in Biological Science (4 credit hours)**

Instructor: Mr. Tom Gerdes

Juniors and Seniors

Full year course: Designed for non-science majors, this general education course will examine the principles of biology within the context of the human experience and covers cell biology, physiology, genetics, evolution, ecology, and the interaction of humankind and the environment. Course content will be offered in a variety of formats including but not limited to: lectures in person or online; laboratory experience, group activities and discussion-based activities.

#### **English Lit/Comp. Honors: ENG 1020 Composition, Language, and Literature (3 credit hours)**

Instructor: Mr. Tim Rezac

Seniors

Full year course: This is a course in which students develop their composition skills through reading and writing about literature. The course includes a discussion of multiple genres and of literary works' historical and cultural contexts. Students will develop skills of writing in multiple forms and will learn the skills and terminology appropriate to discussion of literary works in different genres. Students will receive instruction in writing skills such as structuring an argument, using evidence from multiple sources, using conventions appropriately, and refining an essay through revision.

#### **Calculus: MATH 1600 Calculus I (5 credit hours)**

Instructor: Mrs. Katie Sieck

Seniors

Full year course: An introduction to calculus of a single variable. Topics include limits, continuity, differentiation, and beginning integration with applications. Assignments are given that help build proficiency in the use of a computer algebra system.

#### **Religion III: RELIG 2250 Religion, Peace and Social Justice (3 credit hours)**

Instructor: Fr. Cole Kennett

Juniors

Full year course: This course explores religious responses to social justice issues, such as conflict, poverty, oppression, discrimination, and the environment. Particular focus is lent to the distribution of resources, gender and racial discrimination, war and other forms of violent behavior and the historical, philosophical, religious, economic, cultural influences therein. This course will also show some implications that theories and implementations of justice have that could aid in framing public policy and social justice activism around particular issues.

#### **Music Theory: MUSIC 1610 Fundamentals of Music Theory (3 credit hours)**

Instructor: Mrs. Samantha Costa

Juniors and Seniors

Full year course: A review of the fundamentals of music (scales, key signatures, intervals) and the presentation of triads and their harmonic and melodic implications.

## **Southeast Community College**

In partnership with Southeast Community College, Bishop Neumann offers several dual enrollment courses to juniors and seniors. To be eligible for the SCC Dual Enrollment Program, a student must have a 3.0 cumulative GPA or higher. The student's guardian and course instructor must approve the registration. Tuition is paid directly to Southeast Community College.

### **College Algebra: MATH 1150 College Algebra (3 credit hours)**

Instructor: Mrs. Katie Sieck

Seniors

Fall Semester: This course is the study of relations, functions and their graphs, equations and inequalities, polynomial and rational functions, exponential and logarithmic functions, systems of equations and inequalities.

### **Applied Statistics: MATH 2170 Applied Stats (3 credit hours)**

Instructor: Mrs. Katie Sieck

Seniors

Spring Semester: This course is an introduction to basic probability and statistical methods that are used in a wide variety of disciplines. Topics include descriptive statistics, probability foundations, probability distributions, sampling distributions, methods of statistical inference, and bivariate relationships.

### **Calculus: MATH 1600 Analytic Geometry and Calculus 1 (5 credit hours)**

Instructor: Mrs. Katie Sieck

Seniors

Full year course: This course is a study of analytical geometry and single variable calculus. Topics include limits, continuity, derivatives, applications of derivatives, integrals, and applications of integrals.

### **Intro to Psychology: PSYC 1810 Introduction to Psychology (3 credit hours)**

Instructor: Mrs. Missy Chvatal

Juniors and Seniors

Full year course: An introduction to the science of psychology including the application of critical thinking to the study of learning theory, memory, personality, growth and development, biological and neurological aspects, abnormal behavior, therapies, intelligence, motivation, emotion, sensation, perception, and theoretical perspectives.

## **Concurrent Enrollment Classes at Bishop Neumann**

**Southeast Nebraska Career Academy Partnership – SENCAP (Academic Transfer)** – In partnership with SCC, Bishop Neumann offers a variety of dual credit courses involving various career pathways, to juniors and seniors. Students will explore a career field and get a first-hand look at what goes on in the “real world” by taking field trips, participating in job shadowing, listening to speakers, conducting research on careers of their interest, and experiencing other career exploration activities, many of which will be in their own communities. To be eligible for the SENCAP Career Academies, a student must have a 90% cumulative GPA and be a junior or senior. Tuition is paid directly to Southeast. Textbooks for any college classes are the responsibility of the student. Courses are in an online format. Courses can be taken in the fall and spring semesters. These courses may not be used to replace graduation requirements at Bishop Neumann High School.

### **Requirements:**

- Juniors and Seniors

**Southeast Community College – DC Advantage (Academic Transfer)** – In partnership with SCC, Bishop Neumann offers a variety of dual credit courses to juniors and seniors. To be eligible, students must be a junior or senior with a 90% cumulative GPA. Tuition is paid directly to SCC. Textbooks for any college classes are

the responsibility of the student. Courses are in an online format. They can be taken in the fall and spring semesters. These courses may not be used to replace graduation requirements at Bishop Neumann High School.

**Requirements:**

- Juniors and Seniors

**Southeast Community College – Distance Learning (Academic Transfer)** – In partnership with SCC and Wahoo Public Schools, Bishop Neumann students may earn dual credit in a variety of courses. To be eligible, students must be a senior with a 90% cumulative GPA. Tuition is paid directly to SCC. Textbooks for any college classes are the responsibility of the student. Students will register for these courses through Bishop Neumann but will attend classes at WHS in their Distance Learning classroom. Two elective choices are used for these courses. Courses occur from 2:00 – 3:15pm. These courses may not be used to replace graduation requirements at Bishop Neumann High School. Student is eligible to take two courses per semester. Course 1 meets M/W; course 2 meets T/Th.

**Requirements:**

- Seniors

**NEBRASKA Now** – In partnership with the University of Nebraska, Lincoln juniors and seniors are able to enroll in a variety of online college courses, preparing them for the transition from high school to college. To be eligible, juniors must have a 93% cumulative GPA and seniors must have a 90% cumulative GPA. If a student fails to meet this requirement, they may be considered if they have an ACT composite score of 22 or higher. The student’s guardian and School Counselor must approve the registration. Student expenses include a \$45 application fee, tuition, and book/materials. Courses are presented in an online format. They can be taken in the fall and spring semesters.

**Requirements:**

- Juniors with a 93% cumulative GPA
- Seniors with a 90% cumulative GPA
- Juniors/Seniors with an ACT composite score of 22 or higher