Baton Rouge Magnet High School

2021-2022

Schedule Information, Courses of Study
Graduation Requirements

BATON ROUGE MAGNET HIGH

Main Office	225-383-0520
Fax Number	225-344-7413
Admissions	225-379-3515
Attendance	225-387-4188
Cafeteria	225-383-1844
Counseling	225-344-1090
Guidance Fax	225-344-3066
Library	225-344-6004
Radio Station	225-343-7530
EBRP School Board	225-922-5400

ADMINISTRATION

Nanette McCann, Principal
Louis Moore, Associate Principal
Shaun Feinberg, Associate Principal
Edward Hunter, Associate Principal
Bridgette Fortenberry, Director of Admissions
Michael Davis, Testing Coordinator

INTRODUCTION

The information in this brochure is important to both you as a student and your parents. In order for Baton Rouge Magnet High School to provide you with the best possible education, you must take the responsibility of choosing subjects that will help you achieve your goals.

This guide will provide you with scheduling requirements, course summaries and other important information.

We strongly advise all students to seek the counsel of their parents, their BRMHS counselor and teachers before selecting courses for the coming year. Upperclassmen should be particularly careful that all graduation requirements are being met. Students in all grades are required to schedule seven classes (five of these must be academic subjects for grades 9-11 and at least four must be academic subjects for grade 12).

All honors (H), dual enrollment (Dual), and advanced placement (AP) courses carry one extra quality point for students who earn grades of "C" or above. Those extra points are used to determine a student's grade point average. **We strongly recommend that 9th grade students allow for adjustment to high school by scheduling no more than two honors classes for their first year. To be considered for honors, advanced, and/or upper level classes, ninth grade students must provide BRMHS documentation of readiness or eligibility (BRMHS placement test scores, overall GPA, subject area GPA, reading stanine on national standardized tests, and/or certification of accomplishment in physical education, music, and/or art.**

BRMHS is a college-preparatory magnet high school and we take pride in providing a quality education for our students. We expect them to earn more than the minimum requirements for graduation. At the end of four years, our students will have a total of 28 or more units of credit. **We do not recommend early graduation. All students must have seven classes each year. All students must have a Math, Science, English and Social Studies class each year. 9th through 11th grade students must also have an Academic Elective course. A list of Academic Elective courses is in the Appendix.**

If virtual learning is offered, virtual students are expected to participate synchronously and follow all teacher instructions for attendance, assignments, and assessments. BRMHS has the same high expectations regardless of mode of instruction.

SCHOLASTIC HONOR POLICY

The Baton Rouge Magnet High School Honor and Academic Policies will be strictly enforced.

COUNSELING

A counselor is assigned to students at Baton Rouge Magnet High School to help them during their high school career. A student may schedule a conference with a counselor for any number of reasons: scheduling, career counseling, college and scholarship consulting, testing, written recommendations and references, and personal problems. Strict confidentiality is maintained except when there is imminent personal danger or threat to others. **Counselors are always available for consultation and guidance BUT THE FINAL RESPONSIBILTY FOR MEETING GRADUATION and PREREQUISITE REQUIREMENTS RESTS WITH THE STUDENT AND PARENTS.**

TOPS UNIVERSITY DIPLOMA

All BRMHS students must pursue the TOPS University Diploma. Graduation requirements are subject to change per state guidelines. See www.louisianabelieves.com or the BRMHS Counseling Department for the most up to date graduation requirements.

SCHEDULING: SELECTION AND CHANGES

During the spring semester, students select their courses for the coming year with the help of their individual counselors. This schedule of classes is sent home for parent approval and signature and returned to the school. During the spring, students are scheduled into classes. Students may not change courses after the 10th day of class. Teacher changes are only granted as an intervention during the 1st half of each semester if the parent has met with the teacher, the student is completing homework assignments, the student is at risk for failing, and there is room.

TOPS

Louisiana Tuition Opportunity Programs for Students is a comprehensive program of state scholarships and assistance programs. Specific courses, grade point average, ACT scores and other eligibility requirements are necessary for this program.

ACT

Scores from the ACT test are used by most colleges and universities as part of entrance and scholarship requirements. All juniors and seniors take the ACT in the spring.

INDIVIDUAL GRADUATION PLAN

Each student shall develop, with the input of his/her family, an Individual Graduation Plan. Such a plan shall include a sequence of courses which is consistent with the student's stated goals for their four years in high school and one year after graduation. Each student's Five Year Educational Plan shall be reviewed annually by the student, parent, and counselor and revised as needed.

ADVANCED PLACEMENT COURSES

As a college preparatory school, BRMHS, encourages all students to take AP Courses. AP Courses are rigorous courses to give high school students the opportunity to experience college course material with the potential to earn college credit while still in high school. Students may to take the AP Exam at the end of the course to earn college credit subject to fees charged by the College Board, the AP Exam provider. Students enrolled in AP courses are strongly encouraged and may be incentivized to take the AP exam.
For more information about AP: testing samples, scoring of exams, fees, and reduced fee opportunities please refer to: http://www.collegeboard.org/. **AP Exam Fees are nonrefundable, unless College Board cancels the administration of the Exam.**

GRADING SCALE

Regular and Honors Classes:
A=100-93, B=92-85, C=84-75, D=74-67, F=66-0

AP and Dual Enrollment Classes:
A=100-90, B=89-80, C=79-70, D=69-60, F=59-0

INITIAL PLACEMENT OF 9TH GRADE STUDENTS

For LEAP 2025/EOC Courses: The Louisiana Department of Education defines Mastery on the LEAP2025/EOC as being fully prepared for the next level, therefore, incoming 9th Grade students must score Mastery or Advanced on the LEAP 2025/EOC in order to progress to the next level. Students entering BRMHS from private school or from out of state with high school credit earned in middle school must demonstrate proficiency on a department, district, or state test.

For all other courses above level 1: The department will make a recommendation based on a skills test or audition which may be held at registration, orientation or during the 1st week of school.

FEES

The logistical and technical fee of $75 is due at orientation and is used to support administrative functions and school wide instruction. The additional Senior fee of $50 is due at orientation and is used to cover costs associated with conducting the graduation ceremony. An enrichment fee of $70 will cover the fees for English, Math, Science, Social Studies, and PE I or II. This must be paid before September 30. Elective course fees listed in this directory must be paid to the teacher by September 30. Students unable to pay fees may apply to the Executive Secretary or Principal for a hardship waiver (a form is available upon request). Fees may be waived for students whose families are experiencing economic hardships including but not necessarily limited to: families receiving unemployment benefits or public assistance; foster families caring for children in foster care; family members in active military service; families that are homeless; and for an emancipated minor.

QUALITY POINTS

Regular Classes:
A=4, B=3, C=2, D=1, F=0

AP, Honors, and Dual Enrollment Classes:
A=5, B=4, C=3, D=1, F=0

COURSE OFFERINGS:

Note that course offerings, content, requirements, and fees are subject to change.

ACT/SAT PREP

ACT Prep (1 semester)
Fee: $10
Grade: 11-12

This is a one-semester ACT Prep class for students in 11th or 12th grade ONLY. Students will apply test-taking strategies to thousands of ACT questions, take full-length practice tests in class, and receive individualized feedback on how to improve their score.

ENGLISH

ALL STUDENTS ARE REQUIRED TO TAKE AN ENGLISH COURSE EACH YEAR OF HIGH SCHOOL. ALL ENGLISH I AND ENGLISH II STUDENTS ARE REQUIRED TO PARTICIPATE IN THE ACCELERATED READER PROGRAM. SPRINGBOARD, A COLLEGE BOARD PRE-AP PROGRAM DESIGNED TO BETTER IDENTIFY POTENTIAL ADVANCED PLACEMENT STUDENTS AND TO PREPARE ALL STUDENTS FOR COLLEGE LEVEL COURSES, WILL FORM THE BASIS OF THE 9TH AND 10TH GRADE CURRICULA. VOCABULARY STUDY, WITH EMPHASIS ON ACT/SAT PREPARATION, WILL BE AN INTEGRAL PART OF ALL ENGLISH COURSES. LEAP 2025 TESTS WILL BE ADMINISTERED FOR ENGLISH I AND ENGLISH II.

ENGLISH I
Grade: 9

This course will review standard grammar skills and provide opportunities for oral and written communication. Narrative and analytical writing are a focus, along with the research process. The literature focuses on a coming-of-age theme as depicted in short stories, novels, media, poetry, and drama. Coursework is rigorous and relevant in preparation for LEAP 2025 testing.

ENGLISH I HONORS
Grade: 9

This course will review standard grammar skills and provide opportunities for oral and written communication. Narrative and analytical writing are a focus, along with the research process. The literature focuses on a coming-of-age theme as depicted in short stories, novels, media, poetry, and drama. Coursework is rigorous and relevant in preparation for LEAP 2025 testing.
This course moves at a faster pace, covers material in greater depth, and requires more AR reading than traditional English I.

ENGLISH II
Grade: 10

This course will emphasize refinement of those grammar skills essential to advanced writing. Compositions will include literary analysis, narrative writing, and a persuasive research paper in the second semester. The literature will focus on selected world literature, with emphasis on the study of culture as depicted in novels, poetry, drama, short stories, and media. Coursework is rigorous and relevant in preparation for the LEAP 2025.

ENGLISH II HONORS
Grade 10
Prerequisites: English I teacher recommendation. An A or a B in English I or English I-H

In addition to the material covered in regular English II, this course will include at least one Shakespearean play and 3-5 course novels (in addition to the independent reading of AR). The research and documentation process will be covered, culminating in a persuasive research paper in the second semester. This course is designed to move rapidly, requires more AR reading and covers the material in more depth than the regular English II course. Coursework is rigorous and relevant in preparation for the LEAP 2025.

ENGLISH III
Grade: 11

This junior-level course provides an overview of dominant ideas and styles of major writers and periods in American literature. Students will write papers using the four traditional modes of discourse: narration, description, exposition, and argument. Students will write a multi-step literary analysis research paper. Additionally, students will review grammar and rhetorical skills to improve their writing and to prepare them for the English section of the ACT, as well as reviewing strategies for the reading section of the ACT.

AP ENGLISH LANGUAGE AND COMPOSITION
Grade: 11
Prerequisites: Students must have a recommendation from the English II teacher and a grade of A or B in English II.

The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum. The course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. The course also focuses primarily on major American literary works throughout history, including some fictional works..

ENGLISH IV
Grade: 12

This course will be a survey of British and World Literature from the Anglo-Saxon period to the present. Emphasis will be placed on the language, history and philosophy which has influenced the literature. Strong emphasis will be placed on writing to develop analytical, argumentative, and research skills.
The grammar emphasis will be for the enhancement of advanced writing. Outside reading is required.

AP LITERATURE AND COMPOSITION
Grade: 12
Prerequisites: Students must have a recommendation from the English III teacher and an A or B in that course.

This course aligns to an introductory college level literary analysis course. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

CREATIVE WRITING
Grades: 11-12
Prerequisite: English teacher recommendation and student application.
Fee: $20.00

This course is for students who want to participate in a small writing community. It is a writing workshop that focuses primarily on short memoirs, personal essays, short fiction, and poetry. Students will read and analyze the works of published authors, participate in daily in-class writing, revise and develop final drafts for semester portfolios, and share their work with others in group workshop procedures. This course is an academic elective and does not meet the requirements for English III or IV.

AP CAPSTONE PROGRAM

AP Seminar
Grade: 11-12
Prerequisites: Students must have two teacher recommendations, one from the English II teacher, and an A or B in English II. It is suggested, but not required, that students also take AP Language and Composition.
Fee: $20.00

Students will investigate real-world issues from multiple perspectives in order to develop and write credible and valid evidence-based arguments. The AP evaluation requires two academic essays with presentations (one group and one individual) and an End of Course AP Exam. Students who earn a score of 3 or higher in AP Seminar, AP Research, and 4 other AP course will receive the AP Capstone Diploma. This course is a prerequisite for AP Research.

AP Research
Grade: 12
Prerequisites: AP Seminar
Fee: $20.00

Students will deeply explore an academic topic, problem, issue or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Students reflect on their skill development, document their process, and curate artifacts through a process and reflection portfolio. The course culminates in an academic paper and a presentation with an oral defense. Students who earn a score of 3 or higher in AP Seminar, AP Research, and 4 other AP course will receive the AP Capstone Diploma. This course is a prerequisite for AP Research.

AFRICAN AMERICAN LITERATURE
Grade: 11 & 12
Prerequisite: None
Fee: $20
This course will explore African American Literature from its origins to present day. While the course will examine major authors and canonical African American literary traditions, emphasis will be placed on African American Literature in the 21st century. Students will analyze literary expression that reimagine the Black experience in contemporary America. Literature will be inclusive of digital art/media, social platforms, music, speeches, legal documents, and other genres of expression. Course is open to juniors and seniors. Application is required for entry into the course.

PUBLICATIONS I, PUBLICATIONS II (Yearbook)

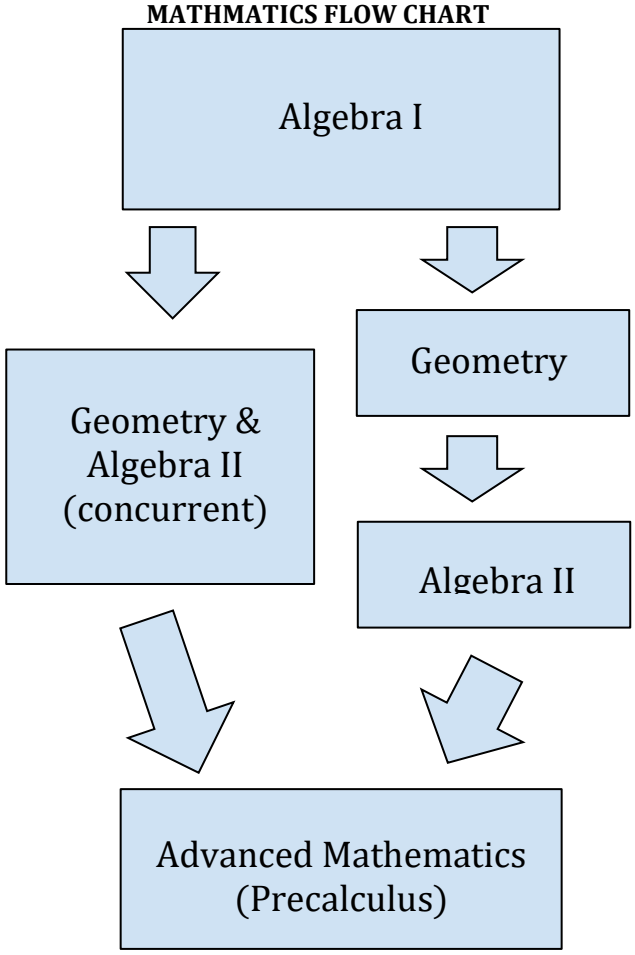
Grade: 11 and 12
Prerequisite: English teacher recommendation and student application. Publications teacher recommendation for level II.
This course is an elective in which students serve as the staff of the *Fricassee* yearbook. Layout, design, copywriting, proofreading, and photography are among the skills students will develop through the course of the year. Juniors accepted are expected to enroll in Publications II the following year.

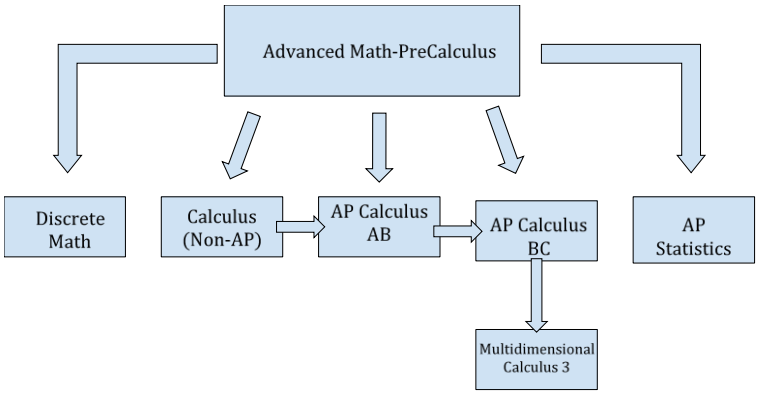
MATHEMATICS

NOTE: ALL STUDENTS ARE REQUIRED TO TAKE A MATHEMATICS COURSE EACH YEAR OF HIGH SCHOOL. GRAPHING CALCULATORS ARE RECOMMEND.

FEE: STUDENTS TAKING A SECOND MATH COURSE IN THE SAME YEAR WILL PAY A $10 ELECTIVE FEE

MATHMATICS FLOW CHART





ALGEBRA I

This is an entry level course that bridges the gap between the concrete ideas of mathematics and the abstract thinking of algebra. Students will explore data, the patterns formed by data, and the mathematical relations and functions that data represent. Topics studied include variables; operations and properties of real numbers; equivalent expressions and equations; solving and graphing linear equations and inequalities; factoring and solving quadratic equations; radicals; exponential growth; and probability. Special emphasis is placed on developing an understanding of functions through real-world application. Coursework is rigorous and relevant in preparation for the LEAP 2025 Test.

HONORS ALGEBRA I

Prerequisites: Honors requirements, BRMHS placement test scores and recommendation of the BRMHS Math Department

This course is designed for the highly motivated math student and consists of a more detailed study of the topics covered in Algebra 1 regular. The pace of this class also distinguishes it from Algebra 1 regular. Coursework is rigorous and relevant in preparation for LEAP 2025 testing.

GEOMETRY

Prerequisite: Successful completion of Algebra I (Score of Mastery or Advanced on Algebra I Leap 2025 for 9th graders)

This course provides unifying concepts that are used throughout high school mathematics. Students will discover patterns, make conjectures, and confirm or deny those conjectures through proof. Topics include measurement formulas, properties of congruence, similarity, parallelism, perpendicularity, methods of proof, properties of figures, and transformations. Supporting content includes area and volume which will be developed in future course studies, including but not limited to calculus.

HONORS GEOMETRY

Prerequisites: Successful completion of Algebra I and a score of Advanced on the Algebra I LEAP 2025 or equivalent score on the BRMHS Algebra Skills Test.

The study of Geometry in an Honors classroom will cover the same material as a traditional course but moves at a faster pace and tasks students with creating their own understanding of the subject. In small learning groups, students will discover patterns, make conjectures, and develop the body of Geometric knowledge through proof writing. Topics include measurement formulas, properties of congruence, similarity, parallelism, perpendicularity, methods of proof, properties of figures, and transformations. Supporting content includes area and volume which will be developed in future course studies, including but not limited to calculus.

ALGEBRA II

Prerequisites: Successful completion of Algebra I and completion or concurrent enrollment in Geometry (Score of Mastery on Algebra I Leap 2025 for 9th graders)

This course focuses on building the students' bank of parent functions. The primary goal is to familiarize students with the parent functions and corresponding graphs of linear functions, quadratic functions, piecewise functions, absolute value functions, polynomial functions, radical functions, exponential functions, logarithmic functions, and rational functions. A scientific calculator is required. Graphing calculator is recommended.

HONORS ALGEBRA II

Prerequisites: Advanced on Algebra I LEAP 2025 or equivalent score on BRMHS Algebra Skills Test

This course is designed for the highly motivated math student. It consists of a more detailed study of the topics in the regular Algebra II course (equations and inequalities, linear, quadratic, radical, exponential, and rational functions, polynomials, logarithms, and matrices) Additional topics studied in this course include conics and an introduction to trigonometry.

ADVANCED MATH

Prerequisite: Successful completion of Algebra II

This is a college preparatory course that focuses on right triangle and circular trigonometry from a functions approach using graphical, numerical, and algebraic representations with emphasis on mathematical modeling and real world applications. Calculus preparatory topics include polynomial, rational, exponential, and logarithmic functions as well as conics, vectors, matrices, combinatorics, probability, limits and derivatives. Scientific calculator required. AP approved graphing calculator recommended.

HONORS ADVANCED MATH

Prerequisite: Successful completion of Geometry and Algebra II, and honors requirements

This is a college preparatory course designed for students who are motivated and have a good work ethic. The first semester will cover Trigonometry. Topics will include circular motion, right triangle trig, unit circle, graphing, identities, vectors, polar, and parametric. The second semester will cover Algebra related topics. Some material will be similar to Algebra II but include more depth. In addition the spring semester will cover matrices, conics, and sequences and series. A scientific calculator will be needed. Graphing calculator not required.

CALCULUS

Prerequisite: Successful completion of Advanced Math

This is a calculus course for students not taking the Calculus AP exam. It includes the study of limits, derivatives, integral, and their applications in the real-world, as well as an in-depth review of topics for the ACT and SAT. Interpreting and analyzing data from a graphing calculator is also a part of this course. TI-83 or TI-84 calculator is strongly recommended. TI-89 calculators are NOT allowed.

DISCRETE MATH

Prerequisite: Advanced Math

This is a non-algebra based mathematics course. It emphasizes problem solving and critical thinking skills used in many careers through mathematical modeling, simulations, and real-world applications. This course will include units on: Fair Elections (study of different methods used to tabulate voting results), Fair Division (estate division and apportionment), Fair Games (determining if a game is fair to all players), and graph theory (scheduling, project planning, conflict resolution, modeling relationships between sets of data)

MULTIDIMENSIONAL CALCULUS 3- HONORS

Prerequisite: successful completion of AP Calculus BC

This course is designed to develop the topics of multivariate calculus. Emphasis is placed on multivariate functions, partial derivatives, multiple integration, solid analytical geometry, vector valued functions, and line and surface integrals.

AP STATISTICS

Prerequisite: Successful completion of Advanced Math

This course provides an elementary introduction to probability and statistics with applications. Topics include: basic probability models; combinatorics; random variables; probability distributions; statistical estimation and testing; confidence intervals; and an introduction to linear regression. Students will be introduced to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The course is very hands-on and students will be engaged in constructing their own knowledge through the use of technology, projects and laboratories, cooperative group problem-solving, and writing. Graphing calculator is required.

AP CALCULUS AB

Prerequisite: Completion of Advanced Math

This course will teach students the topics that are taught in a Calculus One class in college and follow the outline of expectations by Collegeboard. The three units are limits, derivatives, and integrals. Students will approach each topic numerically, graphically, and analytically. Students will use on a regular basis skills that have been taught in Geometry, Algebra II, and Advanced Math. It is important for students to have a strong work ethic and be willing to spend time outside of the classroom preparing and studying. This course will prepare students to take the AP exam that is in May. AP approved graphing calculator is required.

AP CALCULUS BC

Prerequisite: Successful completion of Advanced Math Honors or AP Calculus AB

AP Calculus BC is generally equivalent to the first and second semester calculus courses at the collegiate level. This AP course covers concepts, skills, and applications of limits, derivatives, integrals, polar equations, parametric equations, sequences, series, and Taylor polynomials. This course teaches students to approach calculus concepts and problems graphically, numerically, analytically, verbally, and to make connections amongst these representations. AP approved graphing calculator required.

LOGIC (1 SEMESTER)

This must be combined with another 1 semester Course

Fee: $10

Logic is the study of correct and incorrect reasoning. It is an analysis of various types of arguments and has as its goal the development of the art of logical, clear thinking, reasoning, and exposition.

SCIENCE

FEE: STUDENTS TAKING A SECOND SCIENCE CLASS IN THE SAME YEAR WILL PAY A $20 ELECTIVE FEE

PHYSICAL SCIENCE

This is an introductory science course, introduces the students to various topics in chemistry and physics.

BIOLOGY 1
Prerequisites: enrollment in Geometry or higher math and Physical Science or Environmental Science.

This class is a survey course of the fundamental principles of biology, including the study of life, cell structure, biochemistry, taxonomy, genetics, evolution, major kingdoms, human anatomy and ecology. Coursework is rigorous and relevant in preparation for LEAP 2025 testing.

HONORS BIOLOGY
Grade: 9-10
Prerequisites: enrollment in Geometry or higher math and teacher recommendation or A in 8th grade Science (9th graders)

This course is designed for highly motivated students who are interested in expanding their knowledge of the various topics covered in Biology I. Topics include the study of life, cellular biology, ecology, genetics, evolution, surveys of the major kingdoms, and human anatomy. Coursework includes more difficult laboratory exercises, readings, research papers, a science fair project, and two additional independent projects. Coursework is rigorous and relevant in preparation for the LEAP 2025 exam.

BIOLOGY II
Grades: 11-12
Prerequisites: Successful completion of Biology I and Chemistry

This course is designed for students interested in a more in-depth study of biology. Major topics include evolution, taxonomy, anatomy and physiology or major kingdoms, animal behavior, and human anatomy. Other topics may be included at instructor's discretion. Course includes both required dissections and hands-on labs involving living specimens.

AP BIOLOGY
Grade: 12
Prerequisites: Successful completion of Biology I, Chemistry I, Algebra II, and teacher recommendation. Completion of, or concurrent enrollment in Physics is also necessary

This AP Biology course is designed to give students a college level survey course. College credit is contingent upon scores on the AP exam given in May. The College Board charges a fee for administering this test. Students study Biology in greater detail than in previous courses and develop independent learning skills. Concurrent enrollment in AP Biology II Lab required.

AP BIOLOGY LAB
Grade: 12
Prerequisites: Successful completion of Biology I, Chemistry I, Algebra II, and teacher recommendation. Completion of, or concurrent enrollment in Physics is also necessary

Laboratory work is based on topics covered in AP lecture class. The student will be introduced to laboratory techniques necessary for research. Concurrent enrollment in AP Biology II required.

AP ENVIRONMENTAL SCIENCE
Grades: 11-12
Prerequisites: Biology I, Chemistry I, and teacher recommendation

The Environmental Science course is designed to be equivalent of an introductory college Environmental Science course. The goal of this course is to provide students with the scientific principles, concepts, and methodologies to understand the interrelationships

of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the risks associated with these problems, and to examine alternative solutions resolving and/or preventing them. In this course there will be a lab component. Upon completion of the course, students will be given the opportunity to take the Advanced Placement test for college credit.

CHEMISTRY I
Grades: 10-12
Prerequisites: Currently enrolled in Algebra II or successful completion of Algebra II.

Students acquire an understanding of the fundamental principles of modern chemistry through classroom and laboratory work. Topics such as matter and its composition, the mole concept, atomic theory, bonding, chemical formulas and equations, and acids, bases and salts, are treated with varying degrees of mathematical involvement, changes matter undergoes and the energy associated with these changes

HONORS CHEMISTRY
Grades: 10-12
Prerequisites: Completion of Algebra I, Physical Science, Biology I, teacher recommendation and enrolled in Algebra II or successful completion of Algebra II.

This course is designed primarily for highly motivated science students. It covers the same concepts as in regular chemistry but with more emphasis on the theoretical and mathematical aspects. Advanced laboratory experiments are included and individual research will be emphasized.

AP CHEMISTRY
Grades: 10-12
Prerequisites: Biology I, Honors Chemistry, currently enrolled in Advanced Math or Calculus, and teacher recommendation. Concurrent enrollment in AP Chemistry Lab required.

This Advanced Placement course is the equivalent to college chemistry. It covers all concepts recommended in the AP Chemistry course description. It includes in-depth theoretical studies and extensive problem solving. College credit is contingent upon scores on the AP test given at the end of the year.

AP CHEMISTRY II LAB
Grades: 10-12
Prerequisites: Biology I, Honors Chemistry, currently enrolled in Advanced Math or Calculus, and teacher recommendation. Concurrent enrollment in AP Chemistry required.

This course includes experiments related to the concepts in the AP Chemistry course. It includes all types of experiments recommended in the AP Chemistry brochure including a unit on qualitative analysis. Stress is on laboratory techniques and the use of analytical instruments.

PHYSICS
Grades: 11-12
Prerequisites: Successful completion of Advanced Math I or concurrent enrollment.

This is an introductory physics course that includes topics of Classical Mechanics, Classical Electricity and Magnetism, and some Modern Physics topics. Topics include kinematics, dynamics, oscillations, energy and momentum, wave phenomena, optics, heat, fluids, electricity, and magnetism. Mathematical problem-solving techniques and laboratory investigations are emphasized

AP PHYSICS 1 (Algebra-Based)
Grades: 10-12
Prerequisites: Algebra II, Chemistry I (or concurrently taking Chemistry (H)), and Teacher Recommendation.

AP Physics 1 is an algebra-based, introductory college-level physics course for students who have a strong math skill and science interest. The AP Physics 1 explores topics such as Newtionian mechanics (including rotational motion); work, energy and power; mechanical waves and sound; and simple circuits. Through inquiry-based learning, students will develop scientific thinking and reasoning skills.

AP PHYSICS 2 (Algebra-Based)
Grades: 10-12
Prerequisites: Algebra II, Chemistry I (or concurrently taking Chemistry (H)), AP Physics 1 and Teacher Recommendation.

AP Physics 2 covers fluids, thermodynamics, electrostatics, electricity (capacitance, resistance circuits), magnetism, electromagnetism, physical and geometric optics, atomic and nuclear physics. Through inquiry-based learning, students will develop scientific thinking and reasoning skills.

Students can take both AP Physics 1 and AP Physics 2 in the same year (1st semester: AP Physics 1, and 2nd semester: AP Physics 2) if they have a solid Algebra II background.

AP PHYSICS C (Mechanics *or* AP C Electricity & Magnetism) (Calculus–Based)
Grades: 11-12
Prerequisites: Calculus (or concurrently taking Calculus), and Physics 1 and Teacher Recommendation.

AP-C Mechanics is the equivalent of the first semester, and the AP-C E&M is the equivalent of the 2nd semester in calculus-based college physics for students majoring in the physical sciences or engineering. The Mechanics section of the AP Physics course description including kinematics, laws of motion, work, energy, power, linear momentum, rotation, oscillations, and gravitation. The E&M section including Electrostatics, Gaussian Law, D.C Circuits, Ampere's Law, Magnetostatics, Magnetic Induction, Faraday's Law, RLC Circuits, and A.C Circuits.

The courses include theoretical studies, extensive problem solving, and in-depth lab investigations. College credit is contingent upon scores on the AP exams given at the end of the year.

SOCIAL STUDIES

FEE: STUDENTS TAKING A SECOND SOCIAL STUDIES IN THE SAME YEAR WILL PAY A $10 ELECTIVE FEE

WORLD GEOGRAPHY
Grade: 9

World Geography is a freshman-level social studies course which can serve as one of the four units of social studies required for both graduation and TOPS. As a survey course, it focuses on gaining a wider perspective of our world in a time where cultures, governments, natural resources, and economies are becoming more interconnected through intense globalization. Units focus on various components of physical, cultural, environmental, and regional geography while incorporating the essential elements of geography, mapping and geospatial technologies, and critical thinking skills. Document-based reasoning, reading, researching, annotating, and writing in the content area will be continuously emphasized to prepare students for required participation in an Advance Placement social studies their sophomore year at BRMHS.

AP HUMAN GEOGRAPHY
Grade: 9
Prerequisite: A in 8th Grade Social Studies, Summer Reading Assignment Completion. Check with BRMHS for Details starting in May.

Students who have credit for World Geography from 8th grade will enroll in AP Human Geography in 9th grade.

AP Human Geography is a full year course designed to fulfill the curriculum expectations of a one semester university human geography course. The course focuses on the processes and cause/effect relationships of human populations. Students will be required to complete additional readings, projects, presentations, and writing assignments. Students may be eligible for college credit if they make a qualifying score on the AP exam.

AP GOVERNMENT AND POLITICS: UNITED STATES (FULL YEAR)
Grade: 10

United States Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It requires familiarity with various institutions, groups, beliefs, and ideas that constitute the U.S. government and politics.

AP GOVERNMENT AND POLITICS: UNITED STATE/COMPARATIVE
Grade: 10
Prerequisites: A or B in all other Social Studies and teacher recommendation.
This is an accelerated course.

This combination is more accelerated than the full year AP Government and Politics: US

First Semester: United States Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It requires familiarity with various institutions, groups, beliefs, and ideas that constitute the U.S. government and politics. They will also be required to complete additional readings, projects, presentations, and writing assignments.
Second Semester: Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country setting. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes. They will also be required to complete additional readings, projects, presentations, and writing assignments.

UNITED STATES HISTORY
Grade: 11

United States History offers a study of the history of our nation from the Industrial Revolution until the present. Through content reading, independent research, and collaborative projects, students explore the American culture through a chronological survey of major issues, movements, people, and events in United States. Content reading is a critical component of coursework in preparation for the ACT. Coursework is rigorous and relevant in preparation for LEAP 2025 testing.

AP U. S. HISTORY
Grade: 11
Prerequisites: Recommendation from English and Social Studies teachers.
Required: As an AP Course, students are required to purchase a supplemental book for summer assignments and course work.

The AP U.S. History course focuses on developing students' understanding of American History from approximately 1491 to the present. The course has students investigate the content of U.S. history for significant events, individuals, developments, and processes in nine historical periods, to develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides seven themes (American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society) that students explore throughout the course in order to make connections among historical developments in different times and places. APUSH is a fast paced course, where students need to possess strong reading and writing skills plus devote a substantial amount of time to the study and completion of class assignments. Students

are expected to spend a considerable amount of time reading in the text, supplementary sources and outside reading assignments.

AP WORLD HISTORY
Grade: 12
Required: As an AP Course, students are required to purchase a supplemental book for summer assignments and course work.

AP World History is a challenging, college level history course that seeks to develop a greater understanding of the evolution of global processes and contacts in different types of human society over time. The time period covered in depth is 1200 to the present. With such a broad scope of study, AP World History focuses less on individuals and nations, and instead on patterns of interaction and shared experiences between societies

AP EUROPEAN HISTORY
Grade: 12
Prerequisite: Recommendation from Social Studies teacher.
Required: As an AP Course, students are required to purchase a supplemental book for summer assignments and course work.

AP European History is a challenging academic course that is meant to be the equivalent of a freshman college or university course survey of modern European History. APEH has two main goals. The first is to prepare students to take the AP College Board Exam in European History to try to earn college credit. The more important goal is to make students investigate significant events, individuals, developments, and processes from approximately 1450 to the present. Students will use the same skills & methods employed by historians: analyzing primary & secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. Students will be looking for connections among historical developments in different times & places; interaction of Europe and the world, economic & commercial developments, cultural & intellectual development, states & other institutions of power, social organization & development national & European identity & technological & scientific innovations. Euro is a fast paced course, where students need to possess strong reading and writing skills plus devote a substantial amount of time to the study and completion of class assignments. Students are expected to spend a considerable amount of time reading in the text, supplementary sources and outside reading assignments.

AFRICAN AMERICAN STUDIES
Grade: 11-12 (10th Grade w/ recommendation)

This course provides an overview of African American history and culture. Topics include major events, persons, and issues spanning from the 16th century and the origin of African American heritage to contemporary times. Students will survey the evolution and development of African American culture through narratives, documents, and images. The course includes lectures, discussions, and video presentations.

PSYCHOLOGY
Grades: 10-12

This course is a study of major trends in psychology, which requires in-depth interest and work of the student. Brain functions, basic principles of behavior, psychological influences, and characteristics of mental illness are discussed. This elective course includes a description of psychology as a social science and an analysis of the use of the scientific method of inquiry. Various instructional methods and participatory activities will be used to develop student understanding of personality, motivation and emotion, learning and memory, abnormal psychology and psychological treatment methods.

AP PSYCHOLOGY
Grades: 11-12
Prerequisite: Recommendation is required from current Social Studies and Biology Teachers.
Required: As an AP Course, students are required to purchase a supplemental book for summer assignments and course work

This class will take a more in-depth look into the science of psychology in an attempt to prepare the students to take the Advanced Placement examination. Through the use of activities, strategies, current issues, and active thinking, questioning and problem-solving we will study introductory level psychological theories and behavioral issues. Supplemental readings are included, as well as case studies.

AP ECONOMICS (MICRO AND MACRO)
Grades: 11-12
Prerequisite: Recommendation is required from current Math or Social Studies teacher.
Fee: $10

The aim of AP Economics is to provide the student with a learning experience equivalent to that obtained in a typical college introductory micro and macroeconomics course. Although a social science course, there is a heavy emphasis on the mathematical and statistical techniques of economic analysis. Students are required to take both the AP Microeconomics and the AP Macroeconomics examinations.

WORLD LANGUAGES

FRENCH I
Fee: $10

A beginning course designed to give students the experience of learning a second language and gaining an appreciation of the cultures and places in which French is spoken. Listening comprehension, speaking, reading, and writing are included in the course curriculum. This course prepares students for French II.

FRENCH II
Prerequisite: It is highly recommended that a student who has earned below a C in French I, repeat French I before taking French II.
Fee: $10

This course is a continuation of French I with emphasis on conversational skills, reading, listening, and writing. Upon completion of this course, the student will have a basic command of elementary sentence patterns and grammatical structures. This course prepares students for French III Honors.

FRENCH II ADVANCED
Prerequisite: An overall A average in French I and teacher recommendation.
Fee: $10

This course is a continuation of French I with emphasis on conversational skills, reading, listening, and writing. Upon completion of this course, the student will have a basic command of elementary sentence patterns and grammatical structures. This is a more in-depth study designed to prepare students who are planning to take French III Honors.

HONORS FRENCH III

Prerequisite: An overall A or B average in French II and teacher recommendation. For new incoming students - must earn an A or B on the BRMHS diagnostic test which is administered during Spring registration.
Fee: $10

This is an advanced language course. It is designed to develop skills in understanding, speaking, reading, and writing. Must know present, passe compose, imperfect and future tenses as well as common irregular verbs. By focusing on developing a higher degree of proficiency, students acquire early and more extensive preparation for the French Advanced Placement Language Test taken at the end of French Language and Culture (AP).

HONORS FRENCH IV

Prerequisite: An overall A or B average in French III Honors and teacher recommendation. For new incoming students - must earn an A or B on the BRMHS diagnostic test which is administered during Spring registration.
Fee: $10

This is an advanced language course designed to extend skills in understanding, speaking, reading and writing. Students increase their language proficiency using authentic texts. By focusing on developing a higher degree of proficiency, students can expand their preparation for the French Advanced Placement course.

AP FRENCH LANGUAGE AND CULTURE

Prerequisite: French III Honors, or French IV Honors, teacher recommendation, and overall A average. Must earn an A on a grammar placement test before registration.
Fee: $10

This is an advanced French language course and requires a strong work ethic. It will allow students to maintain and refine their skills in understanding, speaking, reading and writing. Upon completion of the course, students will be able to fluently express their knowledge and opinions about complex multicultural issues.

HONORS FRENCH V
Prerequisite: AP French Language and Culture with 3 or higher and teacher recommendation
Fee: $10

Independent Study This is an advanced French language and literature course. It develops students' ability to read and to discuss perceptively representative works of French literature and film. Discussions, presentations, debates, journal writing, audiovisual activities and practice will allow students to maintain and refine their skills in understanding, speaking, listening, reading, and writing. This is an advanced French language course and requires a strong work ethic.

HONORS FRENCH VI-VII

Prerequisite: French V (H) with an A average and teacher recommendation. Independent Study.
Fee: $10

This is an advanced French language and literature course that requires a strong work ethic. It develops students' ability to read and to discuss perceptively representative works of French literature. The focus is on prose, poetry, and drama from different periods. Discussions, presentations, debates, and journal writing will allow students to maintain and refine their skills in understanding, speaking, reading, and writing.

GERMAN I
Fee: $10

A beginning course designed to give students foundational skills in learning a second language, an understanding of basic German grammar and vocabulary, and an appreciation of the cultures and places in which German is spoken. Listening comprehension, speaking, reading, and writing are included in the course curriculum

GERMAN II
Prerequisite: German I or teacher approval. It is highly recommended that a student who has earned below a C in German I repeat German I before taking German II.
Fee: $10

This course is a continuation of German I with emphasis on conversational skills, reading, writing, and listening. Upon completion of this course, the student will have a basic command of elementary sentence patterns in German grammar, including major cases and tenses used in everyday conversation.

GERMAN III
Prerequisite: German II or teacher approval. It is highly recommended that a student who earned below a B in German II repeat German II before taking German III.
Fee: $10

This is an advanced language course designed to further develop skills in understanding, speaking, reading, and writing. Upon completion of this course, students will have a basic command of intermediate sentence patterns in German grammar, including cases and tenses commonly used in conversation, written correspondence, and literature.

GERMAN IV AP
Prerequisite: German III and teacher approval.
Fee: $10

This course is a continuation of German III with emphasis on conversational skills, reading, listening, and writing. Upon completion of the course, students will be able to fluently express their knowledge and opinions about complex multicultural issues. This course is also designed to prepare students to take the AP German test for college credit in May.

CHINESE I HONORS
Prerequisites:
1. Students have never studied Chinese before
2. or student with some Chinese language background but cannot write Chinese characters.
Fee: $10

Students will learn the basic skills of Reading, Listening, Speaking, and Writing in Chinese from the very beginning.
By the end of this course, students will:
1. be able to use the phonetic system of Chinese language, pinyin, and the basic Chinese radicals.
2. acquire basic skills of Chinese writing, speaking, listening and reading.
3. be able to conduct daily communication in Chinese.
4. have knowledge of basic Chinese language grammar.
5. have some understanding of Chinese culture and history.

CHINESE II HONORS
Prerequisites:
1. Pass course Chinese I Honor with a grade of at least B
2. or at similar level without taking Chinese I Honor, but with Chinese language background
Fee: $10

Students will learn the basic skills of Reading, Listening, Speaking, and Writing in Chinese.
By the end of this course, students will:
1. acquire basic skills of Chinese writing, speaking, listening and reading.
2. be able to conduct daily communication in Chinese on various topics.
3. have knowledge of basic Chinese language grammar.
4. have better understanding of Chinese culture and history.

CHINESE III HONORS
Prerequisites: Pass Chinese II Honors and teacher recommendation
Fee: $10

Students will learn the basic skills of Reading, Listening, Speaking, and Writing in Chinese.
By the end of this course, students will:
1. acquire basic skills of Chinese writing, speaking, listening and reading.
2. be able to conduct daily communication in Chinese on more diversified topics.
3. have more knowledge of basic Chinese language grammar.
4. have better understanding of Chinese culture and history.

AP CHINESE LANGUAGE AND CULTURE
Fee: $10

The AP Chinese Language and Culture course in Mandarin Chinese emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Chinese Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Chinese.

LATIN I
Fee: $10

This course introduces the Latin language. It serves as the first half of a two-class sequence which covers all Latin grammar needed to begin reading ancient Roman authors. Topics in classical civilization, such as Roman history, myth, culture, mottoes, and Latin derivatives, are also covered. Several myths and episodes from Roman history are read in Latin.

LATIN II
Prerequisite: Latin I or BRMHS diagnostic test.
Fee: $10

This course continues Latin I. By the end of the course, students have covered enough grammar to begin working with extended passages from ancient Roman authors. Classical civilization topics (history, myth, culture, mottoes, Latin derivatives) are also covered. The bulk of the Latin reading for this course is in the areas of Roman myth and legend.

HONORS LATIN III
Prerequisite: Latin 2 or BRMHS diagnostic test; teacher recommendation
Fee: $10
This course introduces students to extended passages from ancient Roman authors. Several different genres in both prose and poetry are covered: comedy (Plautus), philosophy (Lucretius), lyric poetry (Catullus), epic (Vergil), myth (Ovid), and more. Students learn about different Latin prose and poetic styles and are expected to read regularly in and for class. Topics in classical civilization are introduced as they become relevant.

A.P. LATIN IV
Prerequisite: Honors Latin III; teacher recommendation.

Fee: $10
Description: This course is designed to prepare students for the A.P. Latin exam on the authors Vergil and Caesar. It covers the entire A.P. Latin reading list in both Latin and English. The amount on the A.P. Latin exam requires students to read daily to make it through the whole syllabus. Readings will be discussed for comprehension and stylistic appreciation. Assignments with the sorts of questions on the A.P. Latin exam will be given frequently.

HONORS LATIN V
Prerequisite: Honors Latin III; teacher recommendation
Fee: $10

Description: This course continues the work done in Honors Latin III. Works from various Latin authors are read and analyzed. Topics in classical civilization are introduced as they become relevant.

HONORS ANCIENT GREEK
Prerequisite: fulfillment of BRMHS foreign language requirement
Fee: $10

Description: This course introduces the grammar and vocabulary of Ancient Greek. Topics in classical civilization are also covered, especially ancient Greek history and culture, mythology, and Greek derivatives.

SPANISH NOTE: Native Speakers and Immersion students should schedule an interview during Spring registration. See the world language chairperson if you are unsure of the course and level.

SPANISH I
Fee: $10

This course is a beginning level course designed to give students the experience of learning a second language and gaining an appreciation of the cultures and places in which Spanish is spoken. Listening , comprehension, speaking and writing are included in the course curriculum. This course is intended to prepare the student for Spanish II.

SPANISH II
Prerequisite: Spanish I and BRMHS diagnostic test (9th grade). It is highly recommended that a student who has not made a C or above in Spanish I should repeat Spanish I before taking Spanish II.
Fee: $10

This course continues to study Spanish vocabulary and grammar, including the past tenses. Students begin to attempt sustained conversation and the reading of narratives. For this course, students must have mastered the use of regular and irregular present tense verb forms and agreements in nouns /articles /adjectives between their genders and numbers.

SPANISH III
Prerequisite: A, B, or C in Spanish II/Spanish II Advanced AND Teacher Recommendation
Fee: $10

This course is an advanced language course, and is designed to further develop skills in understanding, speaking, reading and writing.

SPANISH IV
Prerequisite: A or B in Spanish III/Spanish III Honors OR Teacher Recommendation.
Fee: $10

This course is an advanced language course, and is designed to further develop skills in understanding, speaking, reading and writing.

SPANISH II ADVANCED
Prerequisite: A or B in Spanish I and teacher recommendation or BRMHS Diagnostic test (9th grade)
Fee: $20

This course is a more in-depth study with additional enrichment unit designed to prepare students who are planning to take Spanish III Honors

SPANISH III HONORS
Prerequisite: A in Spanish II/II Advance and teacher recommendation.
Fee: $20

The course covers all concepts recommended in the AP Spanish course description brochure with an intensive grammar review and more in-depth treatment of material presented in previous levels. The course covers the four skills: reading, writing, listening, speaking and begins to prepare the student for the advanced placement test in Spanish language.

AP SPANISH LANGUAGE AND CULTURE
Prerequisite: Spanish III with a 90% semester average and teacher recommendation
Fee: $50 (for supplement AP materials)

This course continues to prepare students for the AP exam. It also stresses reading, writing, listening and speaking with less need for grammar review. It concentrates on vocabulary building, reading, and listening comprehension, and more spontaneous communication in writing and speaking. It covers all concepts recommended in the AP Spanish course description brochure. College credit is contingent upon scores on the AP test given at the end of the year

AP SPANISH LITERATURE AND CULTURE
Prerequisite: AP SPANISH LANGUAGE AND CULTURE, teacher recommendations.
Fee: $50 (for supplement AP materials)

This course will help the advanced Spanish student to understand the works of famous and popular Spanish authors in depth. This course is quite rigorous and requires a substantial time commitment on the part of both teacher and student. Emphasis is placed on the content of what the author says, his/her style and how it is interpreted by today's scholars. College credit is contingent upon scores on the AP test given at the end of the year

SPEECH

INTRODUCTION TO PUBLIC SPEAKING (SPEECH I)

Grades: 9-12
Fee: $10

This is a basic course designed to train students for specialized speaking situations including reports, orations, impromptu speaking, panel discussions and elementary debate. Students learn techniques for overcoming stage fright and improve their ability to compose and deliver speeches as well as listen critically to other students' speeches.

STEM

INTRO TO COMPUTATIONAL THINKING
Grade: 9-10

This course introduces students to the basic ideas of computational thinking and its applications to problem solving in STEM fields. Students will use an open source, Web-based programming environment to create code for simple drawings, animations and simulations, through which they learn how to use abstraction, decomposition and pattern recognition to model problems and arrive to an algorithmic solution. Students taking Algebra I concurrently with this course will benefit the most, because many examples are drawn from Algebra I, so that students can visualize and manipulate the mathematical concepts in a more concrete form.

INTRO TO BIOMEDICAL SCIENCES
Grade: 9-10

Students are exposed to the myriad of careers in biomedicine, focusing on the health of both animals and humans. Students cultivate the skills and knowledge that will prepare them for the pursuit of pre-med/ other science-related degrees in college. The coursework provides students with authentic opportunities to engage with their community through action research, hands on labs, and guest speakers. Through careful and intentional exposure to scientific writing, presentations, and hands-on team projects, students build critical scientific literacy skills and mature their oral and written communication skills to prepare them for entry into a 21st century biomedical workplace in industry, healthcare, environmental applications, or academia.

DRAFTING AND ARCHITECTURE

BASIC TECHNICAL DRAFTING
Grades: 9-12
Prerequisite: None
Fee: $20 per semester

Basic Technical Drafting is an exploratory course in mechanical drawing for the student desiring to learn the drafting basics in design, construction, and fabrication. Drafting is used to describe objects that cannot be effectively and precisely described within the written words of a language. This course develops the student's ability to express ideas in pictorial form, to describe objects using drawings, and to read and understand projection methods and working drawings. The course begins with basic drafting skills and transitions to technical design, reinforcing science, mathematics, and communication skills throughout the semester. During the course, students will complete design challenges as well as discuss and analyze career opportunities available in Drafting, Architecture, Engineering, Construction, and other related design fields. Students are encouraged to ask questions and complete projects in both individual and group settings. This course enhances skills essential for students interested in technical, engineering, and design career fields.

ARCHITECTURAL DRAFTING I

Grades: 10-12
Prerequisite: Basic Technical Drafting
Fee: $20 per semester

This course is for the student interested in Architecture, Landscape Architecture, Engineering, and Building Construction. This course is designed to introduce the student to the concepts, practices, standards, and drafting techniques needed for architectural design. The course will cover residential construction along with some content dedicated to commercial design. Science, mathematics, and communication skills are reinforced in this course.
Students begin with brief review of hand-drafting techniques and will learn basic concepts of architectural design, planning, and architectural drafting skills. Students will then learn basic architectural drafting and Computer Aided Design and Drafting and Drafting (CADD) using Sketchup™ and Autodesk Revit™ software to prepare drawings including floor plans, exterior elevations, and site plans. These drawings will be used to convey technical information for the trades involved in building such structures. Emphasis of instruction and classwork are directed toward an individual design project, where the student prepares a set of working drawings for construction and a physical model of the building. Throughout the course, we will complete design challenges and discuss career opportunities available in Architecture, Landscape Architecture, Engineering, Construction, and other related design fields. Students are encouraged to ask questions and complete projects in both individual and group settings. Participation in model-building and three-dimensional computer modeling will be a major part of student assessment. This course enhances skills essential for students interested in technical, engineering, and design career fields.

ARCHITECTURAL DRAFTING II
Grades: 11-12
Prerequisite: Architectural Drafting I and teacher recommendation
Fee: $20 per semester

This course is a follow-up to the Architectural Drafting I course for the student who is seriously interested in learning more about a career path of Architecture, Landscape Architecture, Engineering, Construction, Interior Design, or a related design field. This advanced course focuses on advanced design concepts with application to public and commercial design and construction, as well as introducing concepts of Interior Design and Product Design. Design Theory will also be touched upon. Science, mathematics, and communication skills are reinforced in this course.

Students further their understanding of the concepts of architectural design, planning, and architectural drafting skills throughout this course. Students will enhance their abilities with Sketchup™ and Autodesk Revit™ software to prepare drawings, including foundation plans, floor plans, interior and exterior elevations, and site plans. These drawings will be used to convey technical information for the trades involved in building such structures. Emphasis of instruction and classwork are directed toward an individual design project, where the student prepares a set of working drawings for construction and a physical model of the building.

Throughout the course, we will complete design challenges and discuss career opportunities available in Architecture, Engineering, Construction, and other related design fields. Students are encouraged to ask questions and complete projects in both individual and group settings. Participation in model-building and three-dimensional computer modeling will both be part of student assessment. Craftsmanship will be heavily reviewed in assessment of physical models.

CIVIL ENGINEERING & ARCHITECTURE (PREVIOUSLY ADVANCED ARCHITECTURAL DRAFTING)

Grades:11-12
Prerequisite: Architectural Drafting II and teacher recommendation
Fee: $20 per semester

This course is a follow-up to the Architectural Drafting II course and is designed for the student who is seriously wishing to pursue a career path in Architecture, Engineering, Construction, or a related design field. This advanced course offers the student the opportunity to select the project in an area of their interest for the year (with approval from the instructor). Emphasis is placed on the use of Computer Aided Design and Drafting (CADD), using Sketchup™ and Autodesk Revit™ software, along with hand or computer rendered images and physical models to produce a comprehensive building type study. Students will have access to 3D printers in the classroom for prototyping and massing studies, and will work within the context of a given site. Site analysis and design will also be considered during project assessment. Science, mathematics, and communication skills are reinforced in this course. Throughout the course, we will complete design challenges and discuss career opportunities available in Architecture, Landscape Architecture, Engineering, Construction, and other related design fields. Students are encouraged to ask questions and complete projects in both individual and group settings. Participation in model-building and three-dimensional computer modeling will both be part of student assessment. Craftsmanship will be heavily reviewed in assessment of physical models. Students in this class may mentor students in lower-level courses as time allows.

BUSINESS

ACCOUNTING I
Grades 10-12
Fee: $10

The course is designed to introduce students to basic accounting theory and procedure from T accounts to corporate federal income taxes. Application of computer technology to the accounting process will be provided through the use of Microsoft Excel and a basic automated accounting program. Critical thinking, problem solving, decision-making and team building activities are incorporated into this course. All students will take the certification test in Microsoft Excel.

ACCOUNTING II
Grades 11-12
Prerequisite: Accounting I and teacher approval required.
Fee: $10
The course will reinforce skills and knowledge presented in Accounting I, but the emphasis will be placed on analyzation of financial data. Critical thinking, problem solving, decision-making and team building activities are reinforced in this course.

RECORD KEEPING
Grades: 11-12
Prerequisite: Successful completion of Accounting I and II and teacher approval required
Fee: $10
This course is designed to give students a broad knowledge of business operations and the skills needed to keep records for various entities. These skills will be applied to record school technology inventory, bookroom inventory, DECA membership records, and Bulldog Bites accounting records.

PRINCIPLES OF BUSINESS (1 SEMESTER)
This must be combined with another 1 semester Course
Grade: 10-12
Fee: $10
Business and Marketing will include basic principles about commerce and the economy, how a business operates and contributes to society, and how finance links all facets of business together. These concepts will be reinforced by each student's participation in the BRMHS school store – Bulldog Bites. Business Certifications in Microsoft Word, Excel, and PowerPoint will be offered as well as the Customer Service certification by the National Retail Federation.

BUSINESS LAW (1 SEMESTER)
This must be combined with another 1 semester Course

Grade 11-12
Fee: $10

This course is a comprehensive program designed to provide students with an overview of the legal system and how it pertains to business. It offers information on the basic legal framework of business and how they must operate. Business law will benefit the students as they become productive citizens, workers, and consumers in society.

ENTREPRENEURSHIP BUSINESS
Grade 11-12
Teacher Recommendation Required
Fee $10.

Entrepreneurship/Business students will manage the BRMHS Bulldog Bites store including assigning student jobs, maintaining inventory and completing daily reports. Prerequisite: Successful completion of Principles of Business or Principles of Marketing. Teacher approval required to enroll.

CIW INTERNET BUSINESS
Grades: 9-12
Fee: $10
First semester students study HTML language to design, develop, maintain, and publish Web pages on the World Wide Web. Dreamweaver software for web design will be integrated into the lessons. In the second semester, students will learn desktop publication techniques using Fireworks, Flask, and Freehand to integrate into Web desktop applications. Each student will create and publish a personal electronic portfolio.

CIW WEBSITE DEVELOPMENT
Grades: 10-12
Fee: $10

This is an advanced level course designed to build upon concepts of Web Design I. In addition to addressing basic concepts in greater depth, more advanced applications of technology will be addressed. Students will be expected to maintain the current school page as well as make changes and suggestions for improvement to the page. Student will be given the opportunity to work with additional software packages such as Dreamweaver, Flash, and Fireworks.

COMPUTER SCIENCE

COMPUTER SCIENCE I
Grades: 9-12
Prerequisites: Successful completion of or currently enrolled in **Geometry**
Fee: $10
This is a full year introduction to computer science. The course will introduce beginning students to basic concepts of computer programming using structured programming concepts and a high-level language. Specific topics covered will include algorithmic development, numeric and string manipulation, file processing, and the use of subprograms. No previous programming experience is needed.

COMPUTER SCIENCE II HONORS
Grades: 9-12
Prerequisites: Successful completion of Computer Science I and enrolled or completed in Algebra II
Fee: $10
This is a full year course in computer programming. Topics covered will include structure programming methods, structured programming methodology, algorithm development using the top down approach, the design and use of functions, function overloading and recursive functions in programming. The course will also cover numeric and string processing, text files and file processing, and the creation and use of data structures such as arrays, and linked list. Additionally, the class will cover an introduction to object oriented programming using classes to implement objects within programs. This course is designed for the student that has previous programming experience and wishes to continue to study computer science.

AP COMPUTER SCIENCE A
Grades: 10-12
Prerequisite: Successful completion of Computer Science I and teacher recommendation
Fee: $10
Students who take this class are required to take the AP exam.

This is a college level Computer Science course using the Java programming language. Throughout the class, stress will be made on the object oriented approach to designing programs through the use of classes and objects. Topics covered will include creating classes and objects of classes, the use of strings and string manipulation, methods and method overloading, file stream processing, arrays and array processing, collection classes, and exception handling. Additionally, students will be introduced to the creation of graphical user interface for programs. This course is designed to prepare students for the Computer Science-A advanced placement test.

AP COMPUTER SCIENCE PRINCIPLES
Grades: 10-12
Prerequisite: Successful completion of Computer Science II or AP Computer Science A and teacher recommendation
Fee: $10

This is a project-based course introducing students to the methods used for designing and implementing software systems. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. Other topics include data representation in the computer, cybersecurity, and mathematical modeling. This course is designed to prepare students for the AP Computer Science Principles advanced placement test.

RADIO BROADCASTING

RADIO I

This course covers the development and evolution of broadcasting, how it began to where it is today. The operation of radio equipment, and exploration of the duties of radio personnel, including announcers, operators and producers. In the WBRH/KBRH production studios, students will create a variety of radio programs, podcasts, and commercials through individual and group projects.

RADIO II
Prerequisite: Radio Broadcasting I and teacher recommendation

Students will further develop their pronunciation, enunciation, and announcing skills by hosting live on-air radio programs on 90.3fm WBRH and 1260am KBRH. Students will further develop and enhance their production and computer skills by producing pre-recorded radio programs. Out of class participation is required once in the Fall and once in the Spring semesters.

RADIO III

Prerequisite: Radio Broadcasting II and teacher recommendation

Continuation of Radio II with the addition of enhanced station operations and production. Out of class participation is required once in the Fall and once in the Spring.

MULTIMEDIA

MEDIA ARTS I

Recommended Grade Level: 9-12
Fee: $10

This is an introductory course that focuses on the many different types of media in today's world. The course will focus primarily on the study of the newspaper, photography, radio, television, film, and digital literacy. Students will gain a practical understanding and working knowledge of both print and broadcast media through hands on projects and real life experiences. Students enrolled in this course will develop the verbal, visual, and technical skills essential for planning, executing, critically analyzing, and evaluating works from the different types of media as well as expanding the student's problem solving abilities.

MEDIA ARTS II

Grades: 10-12

Prerequisite: Media Arts I or a previous course in speech, drama, or choral music

Fee: $10

This elective is a laboratory course in television news and documentary production. Students will research, write, produce, and edit school newscasts and documentaries. Student work will be displayed on our YouTube Channel (Baton Rouge Magnet TV) and the BRMHS Website. Some out-of-class time is required. Production of the school's morning announcements will be part of the curriculum.

MEDIA ARTS III-TV & FILM PRODUCTION I

Grades: 10-12

Fee: $10

Prerequisite: One year of Media Arts, drama or choral music plus consent of the instructor

This elective course is a continuation of Media Arts II with the addition of individual creative projects in collaboration with the instructor and outside mentors. Students will be required to participate in the production of a class movie or other project. Out of class time will be required.

MEDIA ARTS IV-FILM PRODUCTION

Grades: 11-12

Fee:$10

Prerequisite: Two years of Media Arts, drama or choral music plus consent of the instructor

This course is a more advanced approach to Television News, Short Film, Commercials, and Public Service Announcement Production. This elective course will focus on mastering shooting video, editing footage, reporting, writing scripts, and assembling fully produced monthly news productions. Some out-of-class time is required. All work done in this course will be saved by each student to setup professional portfolios.

ROBOTICS

ROBOTICS BEGINNER
Grades: 9-10
Prerequisite: Successful completion of Algebra 1 and completion or current enrollment in Geometry and Physical Science
Fee: $50

This is a full year introduction to robotics and the robotics programming language easy C. During this course, students will build and program a base robot and then use it to conduct experiments demonstrating knowledge in physics and mechanics. Specific topics covered will include drive chain construction, robot systems design, conditional statements, loops, newton's laws, gear ratios, and torque. Students will be required to participate in at least one VEX Robotics competition in New Orleans. This course is designed for the student that has previous robotics experience and wishes to continue to study robotics.

ROBOTICS INTERMEDIATE
Grades10-12
Prerequisite: Successful completion Robotics 1 at BRMHS and teacher recommendation
Fee: $50

This is a continuation of Robotics I. During this course, students will build and program a base robot and then use it to conduct experiments demonstrating knowledge in physics and mechanics. Specific topics covered will include drive chain construction, robot systems design, conditional statements, loops, newton's laws, gear ratios, and torque. Students will be required to participate in at least one VEX Robotics competition in New Orleans

VISUAL AND PERFORMING ARTS

ART I
Grade: 9th grade only
Fee: $70

This course covers the following topics: Studio Production, critical analysis, aesthetic awareness, basic art history. Students are encouraged to develop their own ideas while learning the elements and principles of visual design. Students are also taught the foundations in drawing, painting, sculpture, graphics, ceramics, and printmaking. The curriculum of this course focuses on integrating art into the content areas: English, science, math, and social studies. This course is a prerequisite for all other Studio courses.

ART II
Grades: 10-12
Prerequisite: Art I or teacher approval
Fee: $70

This course places emphasis on developing concepts in art making and problem solving. Students will also continue developing skills in drawing, painting and three-dimensional design covered in Art I, with critical and aesthetic analysis of contemporary artists. Transfer students must submit a portfolio.

ART III
Grades: 11-12
Prerequisite: Art I and II at the high school level, and teacher approval
Fee: $70
This is an intermediate level of visual arts which concentrates on a variety of painting media as well as mixed media and 3-D forms and graphic arts. In This course also examines the history of painting, critical and aesthetic concepts. Transfer students must submit portfolio.

ART IV
Grades: 11-12
Prerequisite: Art I and II and III at the high school level, general portfolio and teacher approval
Fee: $70
This is an advanced level course which addresses problems that can occur in the studio. Emphasis is placed on form and content, and Students submit goals and objectives for projects of their own design.
AP college credit is available if a student takes the AP exam and scores appropriately. This is not an AP course.

AP 2D Studio Art and Design
Prerequisites: Magnet Art Course or Talented Art Course prior to enrollment. This course is chiefly for Juniors and Seniors, however advanced Sophomores will be considered. Students must meet with designated AP 2D Studio Art and Design Teacher to be screened and approved via portfolio review prior to enrollment. Highly recommended that student has taken Art Survey and/or AP Art History prior to or take in conjunction to this course.
Fee: $70

An accelerated Visual Arts course and college level course addressing the conceptual and formal aspects of all forms of two-dimensional art forms that include: Painting, Drawing, Graphic design, Printmaking, Photography, Mixed Media/Collage and Digital Art. Emphasis on the Elements of Art: Line, Color, Shape, Space, Texture and Value as well as the Design Principles: Movement, Balance, Proportion, Rhythm and Repetition and Dominance. The course involves two parts: "Sustained Investigation"(60 percent of AP Exam score) and Selected Works(40 percent of AP Exam score) Lectures and Demonstrations will accommodate the lesson plans. Students can achieve college credit upon passing AP Examination that involves Fifteen works(for digital submission) and five portfolio artworks that will be sent to The College Board in May

FINE ARTS SURVEY
Grade: 12
Fee: $10
This is a course designed to give "non-art" students an introduction to the arts of the western civilization. This course is a look at the historical progress of art from prehistoric to modern day. Some hands-on projects are included. If you have your art credit, you are not allowed to take this course.

TALENTED ART I
Prerequisite: current talented evaluation required
Fee: $70
This course is based on studying observational methods and an introduction to various 2-D and 3-D media. Students will develop a portfolio for 2-D and 3-D art throughout the year. Critical, historical, and aesthetic thinking will be covered through hands-on activities.

TALENTED ART II
Prerequisite: Talented Art I and current talented evaluation required
Fee: $70

This is a Talented Visual Art course, part of the Gifted and Talented Program at East Baton Rouge Parish School Board. This is a concentrated and accelerated course for advanced students. This is an ideal course for students who want to attend Art Institutes and universities who have strong art programs. This course is designed to improve the student's individual artistic skills and creativity. TVA II students will be beginning to build their portfolio building their observational and creative skills and begin to explore their "inner artistic voice." They will be working with various two-dimensional and three dimensional media.

TALENTED ART III
Prerequisite: Talented Art II and current talented evaluation required
Fee: $70

In this course students continue to emphasize observation, but they should begin developing a style that best expresses ideas and concepts. Students will begin to develop a portfolio which displays strong observational and perceptual skills as well as good knowledge and use of different types of media and / or approaches toward creating successful art works. In this year, if a student plans to attend an art institute or to major in art at the college level, he or she must begin a body of work that suits portfolio requirements given by these institutions. This work will continue into the senior year in preparation for submitting into art institutions, universities, and colleges. Students should keep in mind that most reputable art schools want to view 20 – 24 art works for portfolio submission.

TALENTED ART IV
Prerequisite: Talented Art IV and current talented evaluation required
Fee: $70.00

This is a Talented Visual Art course, part of the Gifted and Talented Program at East Baton Rouge Parish School Board. This is a concentrated and accelerated course for advanced students. This is an ideal course for students who want to attend Art Institutes and universities who have highly respected art programs. This course is designed to improve the student's individual artistic skills and creativity. TVA IV students will continue to develop a portfolio by which it displays strong observational and perceptual skills as well as good knowledge and use of different types of media and/or approaches toward creating art works. TVA IV students will embark on critical thinking and complex concepts concerning contemporary art trends and practices. They will be working through problems that could arise when working with their portfolios.

INSTRUMENTAL MUSIC

ADVANCED BAND (SYMPHONIC WINDS 2)

Grades: 9-12

Prerequisite: Two or more years of previous study is recommended and teacher approval based on audition.

Fee: $35 per semester (Additional $25 fee per semester ($50 for the year) for school owned instruments).

This course will cover all music fundamentals, instrumental techniques, and literature from the advanced 9th-10th grade levels to help prepare students to audition for the Symphonic Winds 1/Wind Ensemble.

AP MUSIC THEORY

Grades: 10-12

Prerequisite: 2 years music at BRHS and teacher approval

Fee: $30 plus AP Exam fee

Students who take this class are required to take the AP exam.

The primary objective of this course is the development of aural skills to be able to sing and write melodic and harmonic dictation. Throughout the course, students will have to listen to musical works attentively and analytically, develop their musical memory and their ability to articulate responses to formal, stylistic, and aesthetic qualities of works.

JAZZ ENSEMBLE

Grades: 9-12

Prerequisite: Teacher approval based on student's audition and at least three or more years of musical experience

Fee: $70 (Additional $25 fee per semester ($50 for the year) for school owned instruments).

This course will cover a variety of styles and interpretations for the best literature written for the jazz medium.

MUSIC AND TECHNOLOGY/JAZZ IMPROVISATION

Grades: 9-12

Prerequisite: Teacher approval and at least three or more years of musical experience

Fee: $70 (Additional $25 fee per semester ($50 for the year) for school owned instruments).

This course will focus on small group Jazz improvisation and recording techniques.

WIND ENSEMBLE (SYMPHONIC WINDS 1)

Grades: 9-12

Prerequisite: Teacher approval based on playing/performance audition, four or more years of previous study, up to the 11th grade level; private study for mature sounds and techniques is suggested as this is the top concert/symphonic band class.

Fee: $70 (Additional $25 fee per semester ($50 for the year) for school owned instruments).

This class will perform a variety of the best band literature as the "Wind Ensemble", "Symphonic Wind Band". Students will be chosen from the Symphonic Winds to serve as the wind section for full orchestra

INTERMEDIATE ORCHESTRA

Grades: 9-12

Prerequisite: Recommendation of Middle School Orchestra Director and an audition with the instructor. Students must have prior experience performing on violin, viola, cello, bass, or harp

Class Fee: $70 (Additional $25 fee per semester for school owned instruments).

The Intermediate Orchestra is both a performing ensemble and skills-development ensemble. This orchestra will perform at a Grade III/IV level. Most rising 9th graders are expected to have already achieved the skill level necessary to perform at the Grade II level. The Intermediate Orchestra places an emphasis on the advancement of instrumental technique, further development of music reading and comprehension skills, independent musicianship, style, and a deeper understanding of small group ensemble music, and orchestral literature. Other goals include the mastery of new keys and finger patterns, tuning, proficiency in third position and knowledge of other positions, vibrato and overall improvement of intonation and tone quality.

ADVANCED ORCHESTRA

Grades: 9-12

Prerequisite: Required Audition and teacher recommendation (Teacher recommendation only for new orchestra students) Returning students must obtain a signature from the Orchestra Director.

Class Fee: $70 (Additional $25 fee per semester for school owned instruments).

The Advanced Orchestra is a large ensemble, performing music on a Grade V and Professional level. Students are expected to be very proficient in first through fifth positions, have a basic knowledge of higher positions, and play with excellent intonation and tone quality. In addition to concert music, this group will continue the study of positions, keys, scales, vibrato, tonation, and tone production. Emphasis will also be placed on musicianship, understanding a variety of style techniques, bowing techniques, and a priority on college prep.

CHAMBER ORCHESTRA

Grades 10-12

Prerequisite: Required to be enrolled in the Advanced Orchestra. Also requires audition and Orchestra Director's signature.

The Chamber Orchestra is designed to accommodate the serious Orchestra Musician. All Chamber Orchestra members are required to be enrolled in the Advanced Orchestra. This class will focus on small group performance, and development in advanced performing skills, necessary for honor orchestra auditions, and college auditions. The Chamber Orchestra performs professional level music only

STUDIO PIANO I
Grades: 9-12
Fee: $40

This is beginner piano for the student who has no previous instruction. The student receives class and individual instruction in keyboard skills through learning pieces, basic music theory, and music history. A keyboard/piano at home is suggested but not required.

STUDIO PIANO II
Grades: 9-12
Prerequisite: Studio Piano I or has studied piano for one and a half years and teacher approval (audition only)
Fee: $40

In addition to keyboard instruction, the course will include intermediate music theory and history. Students will perform for peers in class several times throughout the year. A keyboard/piano at home is required. Regular practice outside of class is required.

STUDIO PIANO III
Grades: 9-12
Prerequisite: Studio Piano II or has studied piano for at least two years and teacher approval (audition only)
Fee: $40

Each student will receive a great deal of individual instruction, and the course will include the continued study of music theory and history. Students will be required to perform in piano department recitals, and additional performance opportunities in the community, will be provided. Regular practice outside of class is required.

STUDIO PIANO IV
Grades: 9-12
Prerequisite: Teacher approval (audition only)
Fee: $40

Intended for serious high school music students thinking of majoring or minoring in music, this course is directed toward developing competencies and understandings that will contribute to the goal of becoming a better pianist, teacher and musician. Open to advanced piano students who have completed Studio Piano III and/or Studio Piano IV or exhibit exceptional talent. Also open to advanced wind players.

STUDIO PIANO V
Grades: 9-12
Prerequisite: Teacher approval (audition only)
Fee: $40

Intended for serious high school music students thinking of majoring or minoring in Music, this course is directed toward developing competencies and understandings that will contribute to the goal of becoming a better pianist, teacher or musician. Open to advanced piano students who have completed Studio Piano IV or exhibit exceptional talent.

TALENTED MUSIC I
Prerequisite: Current talented evaluation required
Fee: $70

Voice	Piano
Strings	Band

TALENTED MUSIC II
Prerequisite: Talented Music I and current talented evaluation required
Fee: $70

Voice	Piano
Strings	Band

TALENTED MUSIC III
Prerequisite: Talented Music II and current talented evaluation required
Fee: $70

Voice	Piano
Strings	Band

TALENTED MUSIC IV
Prerequisite: Talented Music III and current talented evaluation required
Fee: $70

Voice	Piano
Strings	Band

***Students enrolled in Talented Music I-IV will be instructed and graded by both a Talented and Regular Music Teacher**

VOCAL MUSIC

***STUDENTS ENROLLED IN VOCAL MUSIC ARE REQUIRED TO PARTICIPATE IN AFTER SCHOOL REHERSALS AND PERFORMANCES AS PART OF THEIR GRADE. PERFORMANCE VENUES INCLUDE RELIGIOUS STRUCTURES.**

BEGINNING CHOIR
Grades: 9-12
Prerequisites: None
FEE: $50 full-year; fee covers all course requirements; does not include uniform

This course is a choir for students who have no or very little experience singing in a choir, and who have no music theory and/or sight reading skills. In this course, students will learn the theory and vocal skills necessary to perform basic levels of choral music, and will perform in concerts several times throughout the school year.

INTERMEDIATE WOMEN'S CHOIR
Grades: 9-12
Prerequisites: Audition
FEE: $50 full-year; fee covers all course requirements; does not include uniform

This course is a choir for female students who have some choir experience, as well as some basic music theory and sightreading skills. In this course, students will continue to hone the theory and vocal skills necessary to perform intermediate levels of choral music, and will perform in concerts several times throughout the school year.

SMALL VOCAL ENSEMBLE (GLEECIANS-ADVANCED MEN'S CHORUS)
Grades: 10-12
Prerequisites: Audition
FEE: $50 full-year; fee covers all course requirements; does not include uniform

This course is a choir for male voices who are already proficient in vocal, sightreading, and performance skills at a high level. Students will perform high-level literature, continue honing music reading skills, and perform in many concerts and competitions throughout the school year.

SMALL VOCAL ENSEMBLE (CHORLARAIRES-ADVANCED WOMEN'S CHORUS)
Grades: 10-12
Prerequisites: Audition
FEE: $50 full-year; fee covers all course requirements; does not include uniform

This course is a choir for female voices who are already proficient in vocal, sightreading, and performance skills at a high level. Students will perform high-level literature, continue honing music reading skills, and perform in many concerts and competitions throughout the school year.

ADVANCED CHORUS (FESTIVAL SINGERS)
Grades: 11-12
Prerequisite: Recommendation of faculty, Audition
Fee: $70 full-year joint fee with Gleecians and Choralaries

This course is a small vocal ensemble of approximately 20 voices of the highest skill level. STUDENTS MUST BE SIMULTANEOUSLY REGISTERED IN THE GLEECIANS or CHORALAIRES--NO EXCEPTIONS. This BRHS Choral Studies ensemble is designed and focused for the collegiate/professional bound choir student performing highly advanced choral literature. The Festival Singers routinely compete and perform at National Choral Festivals. Much extracurricular time is expected.

DRAMA

THEATRE I: INTRODUCTION TO THEATRE
Grades: 9-10
Prerequisite: None
Fee: $40

Students explore basic techniques in acting, directing, and producing live theatre as well as critical analysis of the art. A variety of performance and project assignments provide an opportunity for the individual to develop, organize, and interpret knowledge for application. Students develop creative expression through the application of knowledge, ideas, communication and collaboration skills, organizational abilities, and imagination in preparation for further learning.

THEATRE II: METHODS & STYLES OF ACTING

Grades: 9-11
Prerequisite: Theatre I <u>and</u> Teacher Approval **OR** Placement Exam and Audition
Fee: $40

Students apply basic techniques in acting, directing, and producing live theatre while exploring major developments in drama, major playwrights and their plays, the evolution of theatre as a culture, production styles, and critical analysis of the art. Students develop aesthetic perception as well as historical and cultural perspective through the knowledge of art forms, respect for their commonalities and differences, and by recognizing and understanding that the arts throughout history are a record of human experience with a past, present, and future. The skills of analysis, problem solving, cooperative involvement, flexibility, productivity, and self-direction contribute to preparing the individual for further learning.

THEATRE III: ADVANCED ACTING
Grades: 11-12
Prerequisite: Theatre II <u>and</u> teacher approval
Fee: $40
* may be repeated for credit

Students refine skills in acting, characterization, script analysis, and research technique through the study of improvisation, monologues, scenes, stage combat, auditioning, and musical theatre. Students will also investigate career opportunities in theatre arts. Students develop accountability, productivity, and collaboration skills. Students also develop verbal and written skills in critical analysis through the study of and exposure to the arts. Students are required to perform in a scene recital each semester. Some after school and/or evening rehearsals will be required in preparation for performances.

THEATRE IV: PLAY PRODUCTION
Grades: 12
Prerequisite: Theatre II, Theatre III and teacher approval
Fee: 40
* may be repeated for credit

Students apply acquired knowledge and skills in acting, characterization, script analysis, and focused research as they prepare a play for performance. Additional skills are developed in play selection, publicity and promotion, stage management, and house management as well as scenery, costume, prop, and sound design/construction. Students will also investigate career opportunities in theatre arts. Students develop accountability, productivity, leadership, and collaboration skills. Students also develop verbal and written skills in critical analysis through the study of and exposure to the arts. Students are required to participate in a one-act or full-length play each semester. After school and/or evening rehearsals will be required in preparation for performances.

THEATRE IV: MUSICAL THEATRE
Grades: 10-12
Prerequisite: Theatre I and an audition **OR** Placement exam and audition
Fee: $40
* may be repeated for credit

Students will participate in a diverse curriculum designed to introduce them to the concepts and practices of musical theatre as well as refine their skills in acting, singing, music theory, dance, auditioning, and performance. Additionally, students will explore musical theatre history and literature through a survey of musicals on film. Students are required to participate in a public performance each semester. After school and/or evening rehearsals will be required in preparation for performances.

THEATRE IV: DIRECTING INTERNSHIP
Grades: 12
Prerequisite: Theatre II, Theatre III and teacher approval
Fee: $40

Students develop skills in directing and producing by applying acquired knowledge and skills in performance technique, script analysis, and focused research. Students direct and/or assist instructor in directing scene recitals, one-acts, and/or full-length plays while developing skills in organization, self-direction, leadership, collaboration, and productivity. Students also develop verbal and written skills in critical analysis through the study of and exposure to the arts. Selected students will be scheduled concurrently in either Theatre III: Methods & Styles of Acting or Theatre IV: Play Production. No more than two directing students will be scheduled in each class. This class is open to seniors only. After school and/or evening rehearsals will be required in preparation for performances.

TECHNICAL THEATRE
Grades: 10-12
Fee: $70

This is an introductory course to technical theater with work in basic stage carpentry, lighting, special effects and scenery painting presented in the form of lectures, demonstrations, and skills labs. Students are required to crew shows after regular school hours.

THEATRE DESIGN AND TECHNOLOGY Grade: 12
Prerequisite: Technical Theatre I and Teacher Recommendation
Fee: $70

This is a continuation of technical theater with an emphasis on the theory and practice of set design, color, and lighting with opportunities to design for plays. Students are required to crew a shows after school.

TALENTED THEATER I
Prerequisite: Current talented evaluation required.
Fee: $40

TALENTED THEATER II
Prerequisite: Current talented evaluation required and Talented Drama I.
Fee: $40

TALENTED THEATER III
Prerequisite: Current talented evaluation required and Talented Drama II.
Fee: $40

TALENTED THEATER IV
Prerequisite: Current talented evaluation required and Talented Drama III.
Fee: $40

DANCE

PHYSICAL EDUCATION I BALLET
Grade: 9
Fee: $10

This is an introductory course designed for the beginning dance student, with training in classical ballet and modern dance. This course meets graduation requirement for PE 1.

PHYSICAL EDUCATION II BALLET
Grade: 10
Prerequisite: Teacher approval
Fee: $10

This course is a continuation of the basic techniques of dance with concentration in classical ballet, modern dance and basics of performance. This course meets graduation requirement for PE 2.

DANCE III
Grade: 11
Prerequisite: Teacher approval
Fee: $30

This is an intermediate dance class which includes classical ballet, jazz and modern dance.

DANCE IV
Grade: 12
Prerequisite: Teacher approval
Fee: $40

This course involves an intensive study of dance at an intermediate-advanced level. Performance opportunities are offered during the year. BRMHS Dance Company

DANCE V
Grade: 12
Prerequisite: Teacher approval
Fee: $40

BRMHS Dance Company -- the performing dance company for BRMHS. A workshop for student choreography and rehearsal of pieces in the repertoire are included in this advanced level.

HEALTH/PHYSICAL EDUCATION

HEALTH (½ CREDIT) (1 SEMESTER COURSE)
Grade: 10

Health Education is a course that will help students to make informed choices about personal, family, and community health. The topics to be covered are first aid and safety, personal health, substance use and abuse, nutrition, and how to prevent obesity. In order to fulfill the state's health requirement (Bulletin No. 1596), each student must research the topics listed above; write essays, complete worksheets, collect newspaper and magazine articles, pass written exams and attend special lectures provided during school hours.

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NOTE: A student can earn only one physical education credit each year. All physical education classes will be involved in conducting state competencies (skills such as running, batting, throwing, jumping, etc.) throughout the school year.
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PHYSICAL EDUCATION I BLOCK
Grade: 9

This course provides students with an opportunity for life-long leisure experiences and physical activity into their lifestyles through game play and practice. Units include, but are not limited to, badminton, pickle ball, tennis, volleyball, walking/jogging, flag football, soccer, basketball, softball/cabbage ball, track and field, ping pong, and yard games. Skills and common concepts will be presented and developed.

PHYSICAL EDUCATION II BLOCK (1/2 CREDIT)
1 Semester paired with Health
Grade: 10

This course provides students with an opportunity for life-long leisure experiences and physical activity into their lifestyles through game play and practice. Units include, but are not limited to, badminton, pickle ball, tennis, volleyball, walking/jogging, flag football, soccer, basketball, softball/cabbage ball, track and field, ping pong, and yard games. Skills and common concepts will be presented and developed.

12TH GRADE PE BLOCK
Grade: 12 Only
Course may be taken as 1 or 2 semester
Fee: $10

This course provides students with an opportunity for life-long leisure experiences and physical activity into their lifestyles through game play and practice. Units include, but are not limited to, badminton, pickle ball, tennis, volleyball, walking/jogging, flag football, soccer, basketball, softball/cabbage ball, track and field, ping pong, and yard games. Skills and common concepts will be presented and developed.

PHYSICAL EDUCATION I TENNIS
Grade: 9
The major emphasis of this course is to teach the basic techniques of serving, volleying, ground strokes and scoring.

PHYSICAL EDUCATION II TENNIS
Grade: 10
Prerequisite: Tennis I, Teacher Approval

The major emphasis of this course is to teach basic tennis strategy including techniques in fundamentals, and how to play the game in singles and doubles competition. Prior skills are required.

TENNIS III
Grade: 11-12
Prerequisite: Teacher approval
Fee: $10
The major emphasis of this course is to teach advanced tennis strategy and conditioning for tennis competition.

TRACK AND FIELD
Grade: 11-12
Prerequisite: Teacher approval for 11 – 12
Fee: $10
This course teaches basic track and field rules, techniques and skills. Cross country training, track skills and field skills are included. There is emphasis on rigorous competitive training and time is required outside of class. Students will participate in Cross Country training and Track and Field skills.

PHYSICAL EDUCATION I AND II GOLF

Fee: $20 driving range fees and monthly BREC pass must be purchased for $15 per month

This course teaches basic techniques involving putting, short irons, long irons, and woods.

PHYSICAL EDUCATION I GYMNASTICS
Grade: 9

This course is a study of gymnastics, including aspects of each competitive event, judging, and fundamental skills

PHYSICAL EDUCATION II GYMNASTICS
Grades: 10-12
Prerequisite: Gymnastics I

This course is an advanced study of gymnastics, including training methods and routine composition.

GYMNASTICS III
Prerequisite: Teacher approval
Fee: $10
This course places emphasis on the individual development of competitive skills.

ADVANCED SOCCER AND VOLLYBALL BLOCK

Grades: 11-12
Prerequisite: Teacher approval
Fee: $10
This course is centered on playing soccer/volleyball in a competitive environment. Advanced fundamental individual skills are stressed, as well as team strategy, and individual fitness for the preseason.

WEIGHT LIFTING/POWER LIFTING AND FITNESS

Grades: 9-12
Prerequisite: Completion of required physical education courses
Fee: $10
This course is designed to give students the opportunity to learn weight training/ power lifting concepts, techniques, and safety used for obtaining personal physical fitness. Students will benefit from weight training and cardio respiratory endurance activities. Students will learn the basic fundamentals of strength/weight training and overall fitness/conditioning training. Course includes both lecture and activity lessons. Students will be empowered to develop healthy behaviors in fitness, wellness, and lifetime activity. This course cannot be taken in place of the required PE courses.

PHYSICAL EDUCATION I AND II- MIND AND BODY FITNESS

This class is designed for students looking to decrease stress while helping the body maintain strength, flexibility, and balance. This course introduces how to successfully improve fitness through activities such as yoga, Pilates, mindfulness exercises, and tai chi. Students will focus on experiencing calm and relaxation through deep breathing techniques, stretching, and movement patterns that encourage stress managemen

Appendix

1 Semester Courses

ACT/SAT Prep
Logic
Principles of Business
Business Law
Health
Physical Education

Academic Electives

All Math
All Science
All English
All Social Studies
All World Languages
All Business
All Computer Science
Public Speaking
Drafting and Architecture
Robotics
AP Art History
AP Music Theory
ACT/SAT Prep
Health
Logic

Course of Studies for Baton Rouge Magnet High School Students

Grade 9	Grade 10	Grade 11	Grade 12
English I	English II	English III or English Lang AP	English IV or English Lit. AP
World Geography or AP Human Geography	AP Government	U.S. History	AP Social Studies aligned to Graduation Requirement
Mathematics*	Mathematics*	Mathematics*	Mathematics*
Science	Science	Science	Science
Physical Education I	PE/ Health	Academic Elective	Elective
Academic (W.L.)	Academic (W.L.)	Elective	Elective
Elective	Elective	Elective	Elective
7 Credits	7 Credits	7 Credits	7 Credits

***Follow Mathematics Flow Chart**

At Baton Rouge Magnet High School, all students must elect to study seven (7) courses. No student can schedule more than one (1) Physical Education course. All students (except seniors) are required to schedule five (5) academic classes. Seniors must schedule four (4) academic classes.

W.L.= World Language

NOTE: Students are advised that they are scheduling for the entire school year, and will be expected to retain these courses for the entire school year. All BRMHS Students will exceed Louisiana Graduation Requirements.

Minimum Graduation Requirements (as of 4/2020)

Subject	Courses
English	English I
	English II
	English III or AP English Language and Composition
	English IV or AP English Literature and Composition
Math	Algebra I
	Geometry
	Algebra II
	Advanced Math
Science	Biology I
	Chemistry I
	2 From: Biology II or AP Biology; AP Chemistry; AP Environmental Science; Physical Science; Physics or AP Physics
Social Studies	US History or AP US History
	AP Government
	2 From: AP European History; World or AP Human Geography; AP World History; AP Economics; AP Psychology
World Languages	2 Units in the Same Language
Arts	1 From: Art, Talented Art, AP Art History, Basic Tech Drafting, Band, Studio Piano, Choir, Orchestra, Fine Arts Survey, AP Music, Dance III, Theatre, Talented Theatre, Media Arts
Health & PE	PE I
	PE II (1 Semester)
	Health (1 Semester)
Electives	3 Units