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INGRAHAM INTERNATIONAL SCHOOL

COURSE GUIDE FOR THE 2017-
2018 ACADEMIC YEAR

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To new and returning Ingraham Students and Families

To our students and families,

Welcome to Ingraham International High School for the 2017-2018 academic year. Ingraham is located in North Seattle. We have a student population of over 1,300 students. All of our school's faculty and community fully support the continued growth in enrollment, rigor, and opportunity within our international school community.

Our school has a plethora of programs including drama, music, International Baccalaureate (IB), culinary, automotive technology, computer science and a wide variety of athletic teams and over 100 clubs. Ingraham provides a large repertoire of advanced coursework and tailored assistance no matter your educational background. These factors work together to create a personalized and comprehensive curriculum for every student. Ingraham International is a challenging, exciting, and modern alternative for any student during these crucial years of secondary education.

This course catalog is meant to help you in the process of course planning. Whether or not you intend to go on to a two or four-year college immediately, delay college entrance for a year, or choose an alternative educational experience to college, challenging yourself from the ninth grade through your senior year will serve you in your personal, academic, and career goals beyond high school.

In this course catalog, you will be introduced to the Washington State, Seattle School District, and Ingraham International High School policies, guidelines, and requirements for high school graduation. Within the graduation requirements set by the Washington State legislature, you will find an emphasis upon meeting certain requirements such as completion of a "High School Plus Plan" (outlining goals for your high school years and goals for after graduation), and completing 60 service learning hours.

In the sections covering planning and registration, you will find course and program descriptions in each of the core and elective subject areas offered to Ingraham students. Detailed information is provided regarding courses that fulfill graduation requirements and those that may be used as exceptions or waivers for some of the specific requirements. In addition, a list and descriptions of our non-departmental support services are included.

We are excited for you to join our community and high school,

Sincerely,

Ingraham Counseling Department

Registration Policies and Procedures

CHANGING A STUDENT'S SCHEDULES

Schedules can be changed based on the individual needs of the student:

- ✓ Schedule changes must be requested (in writing, on the schedule change request form, found in the counseling office and on the Weebly) within 10 days of the new semester.
- ✓ Priority will be given to new students and students with incomplete schedules, and incorrect placement in core classes.
- ✓ Elective course changes will be made based on availability.
- ✓ If you need to drop a class due to extenuating circumstances **after 10 days, you will receive a "W"** (withdrawal, does not affect your GPA) on your transcript. **After 5 weeks, you will receive an "E"** (no credit, and will negatively affect your GPA).

DROPPING A COURSE

- ✓ No student may drop a course if the result is a hole in student's schedule (periods 2, 3, 4, or 5). The principal may grant an exception to this policy in extenuating circumstances.
- ✓ We encourage all students to have a full schedule.
- ✓ Parent signature is required for dropping a core class, switching out of honors, or adding a Teacher Assistant or Office Assistant (TA/OA).

TEACHING/OFFICE ASSISTANT'S

Students may be teaching or office assistants if they have additional space in their schedule. Students intending to register as an assistant would need to first check with their counselor to make sure he/she is proceeding successfully toward graduation.

- ✓ A "Teaching Assistant" earns a "P" grade and .25 credits for one (1) semester of satisfactory performance in the classroom. An "Office Assistant" earns .5 credits for one (1) semester of satisfactory performance.
- ✓ A maximum of 2.0 credits of TA/OA may count toward the general electives requirements of graduation.

PASS/NO PASS GRADES

In addition to the procedures outlined in Board Policy C15.00 and Board Procedure D15.00, the following are required:

- ✓ The District Pass/No Pass request form is to be signed no later than the 5th week of the semester by the teacher, parent, student, and counselor to document that the counselor has advised the student of the potential impact(s) that a pass/no pass may have on

college admissions. NCAA and some colleges interpret the "P" grade as the lowest possible passing mark or "D".

- ✓ Exceptions may be allowed based on IEP, 504 Plan, or extenuating circumstances approved by the principal.
- ✓ A student may not opt for a letter grade once the Pass/No Pass form has been submitted.
- ✓ Only one Pass/No Pass grade may be requested per semester and must be requested by the fifth (5th) week of the semester.

GRADE MODIFICATIONS

A grade can only be changed: By the teacher of record for that specific course and grade; or by the Principal if the cause was a math error or bias; a grade change must be documented with a completed and fully signed District "Course/Grade/Credit Change" form. The teacher, counselor, data registration specialist and administrator must sign the form prior to data entry. This must be completed within five weeks after that grading period has ended. The form will be placed in the students' accumulative file. Principal has the discretion to make exceptions for extenuating circumstances beyond the five-week deadline.

GRADE AND CREDIT REPLACEMENTS

If a student chooses grade replacement for a repeated course, the highest grade received will be counted toward the student's GPA and credits. The replacement process changes the credit code on the course history report to "R". The original grade will continue to appear on the student's transcript and academic history, but the student will not receive credit for the replaced course.

- ✓ The replacement mark must be an improvement over the original mark, and the credit earned in the replacement course must be equal to or greater than the credit previously earned in the course.
- ✓ Replacement courses may only replace the previously taken course, never courses taken later or at another academic institution outside of the Seattle School District.

If a student retakes a course and does NOT choose to have the course replace a former identical course, the additional identical course grade and credit will be counted under the "general elective" requirement.

INCOMPLETE GRADES

A grade marked, as "Incomplete" must be changed to a letter grade within six (6) school weeks of the following term. If no letter grade is provided, the grade will automatically become an "E". The

Principal has the discretion to make exceptions for extenuating circumstances. This exception will be kept in the student's file.

PHYSICAL EDUCATION WAIVERS

Waivers can be approved for military service, medical, religious, participation in direct athletics, for economic reasons (e.g., student is working to support self or family), or for another good cause. A physical education competency assessment still needs to be completed prior to graduation.

- ✓ No credit is earned when a PE waiver is approved.
- ✓ All PE waivers will be placed in the student's cumulative file.
- ✓ A PE Waiver form can be found in the Counseling Office and on the counseling Weebly.
- ✓ PE waivers submitted for sports participation must be submitted at the end of the season during the academic year that the student participated in that sport.

ALTERNATIVE CREDIT COURSES

Equivalency credit for alternative learning experiences, non-high school courses, electronically mediated courses, internship. All alternative credit-learning experiences must be pre- approved by an administrator before a student begins such a course.

High school credits may be given for, but not limited to, the following:

- ✓ Correspondence, online, private school or college courses other than Running Start for high school credit: students must submit an equivalency course of study proposal through the principal or the principal's designee for approval prior to beginning the experience in order to ensure that credit will be recognized. All equivalency courses of study attempted for credit must be documented on a student's transcript. Students may not opt to omit based on course outcome.
- ✓ Electronically mediated courses (on-line or internet) must also be preapproved. See this link for OSPI approved credits: <http://digitallearning.k12.wa.us/>
- ✓ Other courses offered by any school or institution if specifically approved for credit by the district;
- ✓ Credit based on competency testing for attempted courses which were failed may be granted by the district.
- ✓ PASS courses added by Seattle Public Schools (available under approved special circumstances).

MAKING UP A FAILED COURSE

To graduate, students must have a 2.0 cumulative GPA in all core subjects (Language Arts, History, Math and Science) as well as a 2.0 cumulative GPA. If a student fails a required course, he/she must retake it and pass it in order to graduate. Failed courses may be made up in some alternative programs or approved online options. Some Running Start courses can also qualify. Administrative approval is required BEFORE registering in any non-Ingraham courses.

GRADUATION REQUIREMENTS

Ingraham International High School offers many pathways of academic achievement: full IB diploma, accelerated IB diploma (IBx), and general high school requirements (which included partial IB, Running Start, Skills Center, Seattle Vocational Institute, or other approved programs). Throughout your four years you will have numerous options to challenge yourself to complete honors, Advanced Placement (AP), and IB courses in areas you select or you can plan to pursue our IB Diploma Program (IBDP), which involves a full slate of rigorous course offerings and if attempted, allows the student to waive most other graduation requirements that are outside the realm of the IBDP (see graduation checklist on the Weebly, as well as specific requirements for your individual plan). ***The class of 2021 and beyond graduation requirements are different from those listed below. Students who are qualified for the Highly Capable Cohort (HCC) may pursue an accelerated version of our IBDP in the IBx program.

AREAS	CREDITS REQUIRED	SEMESTERS OF STUDY	ADDITIONAL INFORMATION
FINE ART	1.0	2	Includes courses in Music and Performing Arts
HEALTH	0.5	1	
LANGUAGE ARTS	4.0	8	
MATHEMATICS	3.0	6	Algebra 1 and Geometry courses are required ¹
PHYSICAL EDUCATION	1.5	3	
OCCUPATIONAL EDUCATION	1.5	3	Business and Family and Consumer Science courses will meet this requirement
SCIENCE	2.0	4	A Biology Exam is required ²
SOCIAL STUDIES	3.0	6	
ELECTIVES	4.5	9	
TOTAL	21.0		

¹ Note that an Algebra 2 course is highly recommended as the third mathematics course, but a pre-approved equivalent can count. Students who completed and passed an Algebra 1 and/or Geometry course at their middle school will proceed to the next higher course available in the sequence.

² Students who are enrolled in HCC may have already taken Biology 1 and 2 in middle school but will still need to take the Biology Standardized Exam in high school.

***Class of 2021 will have new 24-credit graduation requirements. Please see updated requirements on page 48

Class of 2018-2020 Graduation Requirements (Class of 2021 see page 48)

Language Arts

- Students must complete Intro to Lit and Comp 9A/9B, World Lit and Comp 10A/10B, American Lit and Comp 11A/11B, and Comparative Lit and Comp 12A/12B, or higher-level courses.

Mathematics

- Students must complete 3.0 credits of math, including Algebra 1A/1B, Geometry A/B, and Algebra 2A/2B or an approved alternative math option for Algebra 2A/2B.³

Science

- Students must pass 2.0 credits of science.

Social Studies

- Students must complete World History 1, 2, and 3, US History 11A/11B, and American Government or higher-level courses.
- Washington State History is required; see additional graduation requirements for more details.

Physical Education and Health

- Students must complete 1.5 credits of physical education. Waivers may be granted per policy listed in the previous section. The requirement to take .5 credits of Health remains (while you may waive health with the full IB diploma, it is still highly recommended you take health in 9th grade).

Occupational Education

- Students must complete 1.5 credits of occupational education from any courses in the family and consumer science education, business education, and technology education departments (full IB diploma candidates may waive 1.0 of occupational education, leaving .5 credit to be met).

Fine Arts

- Students must complete 1.0 credit of fine arts. These classes include any visual, performing arts, and instrumental music courses (while you may waive 1.0 art with the full IB diploma, it still a college requirement in some states).

Electives

- Students must complete 4.5 credits of electives. Any course in a particular subject area that exceeds the graduation requirements is counted as an elective. World Language is not a high school requirement until class of 2021, so it is counted as an elective. Students proficient in a world language may test for up to 4.0 credits that may or may not be recognized by a college (see counselor for more information).

³ If students took these courses at their middle school, they are eligible to obtain high school credit for them. If they choose not to claim credit, they must still obtain three math credits through other courses.

ADDITIONAL GRADUATION REQUIREMENTS

- 60 hours of service learning (IB diploma candidates will complete CAS instead).
- A cumulative Grade Point Average (GPA) of 2.0 or above
- A core GPA of 2.0 or above including Language Arts, Math, Science, and Social Studies
- Completion of the Washington State physical education (P.E.) competency exam⁴
- Pass the state standardized exams:⁵
 - Reading and Writing
- Pass the End of Course (EOC) Exams or alternate tests in:
 - Algebra 1 OR Geometry (2015 and beyond), AND Biology (2017 and beyond)
- Completion of Washington State History⁶
- Completion of a High School Plus Plan (also known as High School and Beyond Plan) for all four years of education and student goals for after graduation.

SUPPLEMENTAL GRADUATION REQUIREMENTS FOR FOUR-YEAR COLLEGE ADMISSION

(Note that the requirements listed meet the minimum core course requirements for admission to a four-year public college or university in Washington State. Students are strongly encouraged to exceed these minimum requirements to be competitive in the admissions process for out of state, private, and international colleges and universities.)

- Four credits of English; three math credits (including math in senior year), two years of lab science (one credit must be algebra based, one credit must be biology, chemistry or physics, this course may meet the algebra based science requirements. Some colleges have more specific requirements, refer to their admissions requirements website); three credits of social science/history, one credit of art (most often one year of the same medium).
- Take the PSAT and/or PLAN as a sophomore and junior in order to prepare for the SAT and/or ACT.
- World Languages
 - 2 years of the same world language. Some colleges may accept the world language exam (STAMP).

⁴ This is required even if a student obtains P.E. waivers due to a disability, religious belief, or athletics.

⁵ Smarter Balanced and Common Core assessments will begin to be implemented to replace the HSPE exams in 2014-2015 as part of Ingraham's alignment with the Common Core curriculum and will be required for most students, please continue to check the Seattle schools web site for further information.

⁶ This requirement may have been met at your middle school. Check with your current school for details.

Specialty Programs at Ingraham and Course Selections

COMMUNITY BASED TRAINING (CBT) PROGRAM

The goal of Ingraham's CBT program is to prepare students with disabilities for life after high school. We hope to give students a wide range of real-world experiences, vocational instruction, and social skills training. Each day we push our students towards independence, and we ultimately hope that every student in our department will leave Ingraham with an elevated sense of self-worth and an ability to determine their own future through self-advocacy. There are seven classrooms under the umbrella of the CBT program: two moderate/severe, two dyspraxia, two generic, and one autism spectrum (all of these classrooms are designated as low incidence). Depending on their needs, students in our department typically spend a portion of the day working on vocational and life skills, and many take a variety of both academic and elective classes, which could include American government, creative writing, drama, choir, and PE to prepare for their Special Olympics events. Students in the CBT program who take these courses move from classroom to classroom much like any Ingraham student would but within the CBT program. Additionally, some students seamlessly move from special education to general education classes several times during the day.

RUNNING START (RS) PROGRAM

The RS Program offered at all of the Seattle area community colleges provide Ingraham juniors and seniors the opportunity to enroll in college level courses and to earn high school/college credit at the same time. Students are granted 15-credits per quarter free of charge; credits beyond that must be paid for by the family. Students are responsible for purchasing their own books, paying lab costs and providing their own transportation to the campus, but may qualify for fee waivers (subject to income and college policies). To qualify for RS, students take a placement assessment test that is offered regularly at each community college. Colleges now also accept Smarter Balance and SAT/ACT scores as placement. Successful test results in addition to the RS application. It is recommended that students have a 2.0 GPA when enrolling in Running Start. Students must meet with counselors once a quarter to complete an enrollment verification form and review graduation requirements. Early registration helps to avoid scheduling conflicts between Ingraham and your RS courses. Students are required to schedule an appointment each quarter rather than drop in.

IB CERTIFICATE COURSES AND THE IB DIPLOMA PROGRAM (IBDP)

In 9th grade and 10th grade, students will build upon their current studies by taking preparatory honors courses in the subject areas of Language Arts, Mathematics, Science, and Social Studies that will prepare them for IB level course work in their 11th and 12th grade years. To complete the diploma, you must get to the fourth level of a world language by your year two of the diploma program. HCC students interested in opting into the accelerated IB program must enter high school at a level two of a world language. **If an HCC student is NOT at this point, they will be required to postpone IB until junior year.** An IB certificate can be earned by taking any single IB level course and taking the end of year exam the following May. Students who wish to pursue the IBDP will take an IB level course in six different subject areas at either the SL (a one year course) or the HL (a two year course) level, complete an additional seventh subject Theory of Knowledge (TOK) course, complete 150 hours of Creativity, Action, and Service (CAS), and write a 4,500 word research paper on a subject of their choice, known as the Extended Essay (EE). Throughout their Ingraham years, students will have many opportunities to enroll in IB level elective classes and many others offered in areas determined by student demand. These electives include, but aren't limited to: a high-level Symphonic Orchestra, Computer Science and Business and Management.

At Ingraham, we have a full-time IB Coordinator, Guy Thomas, who can guide students through the IB planning process, gathomas1@seattleschools.org or tel: 206.252.3923.

ADVANCED PLACEMENT (AP) COURSES

Ingraham currently offers three AP courses. These include AP Statistics, AP Calculus, and AP Computer Science. Students may choose to take the AP Exam in May for the potential of earning college credit. We may add AP courses as our student population grows and changes.

HIGHLY CAPABLE COHORT (HCC)

HCC is a state mandated program for academically gifted students and is offered at the high school level at both Ingraham and Garfield High School. The HCC experience at Ingraham is known as IBx and is modeled after the Gifted High School Program at Interlake High School in the Bellevue school district. In 9th grade, HCC students will build upon their current knowledge by taking one HCC-specific course with their cohort in Chemistry, and should sign up for honors level courses in World History and Language Arts. In addition, they will continue a world language and mathematics courses based on their prior studies, and pick a choice elective course (we suggest taking Health and PE). At the end of 9th grade, students will be given the opportunity to opt into the accelerated program, or to postpone until 11th grade. *HCC students must be at level 2 in a World Language in order to start the IB Diploma program as a sophomore.* If they are not at a level 2, and would like to pursue the IB Diploma this can be done starting their junior year. If in 9th grade, HCC students opt in (early entrance includes teacher approval, completion of application packet, and a grade evaluation) students will complete the rigorous IB Diploma Program a year early. In 12th Grade, HCC students will have many opportunities and pathways to complete their senior year and still be competitive in the college process. See your counselor for individual planning.

COURSE SELECTION PROCESS

Each year current Ingraham Counselors will guide students through the registration and course planning process for the upcoming academic year. We start the process by presenting to each grade level; we bring each student's academic history to help review and plan course selection for each individual student. Students then bring their registration option sheets home to discuss their plan with their families. Some teacher approval is needed for certain courses. Using this course catalog can help to determine which classes each student wants to take. Counselors will provide group-based question and answer sessions during registration season to meet the needs of students, we will be reducing the number of individual appointments during this season. Incoming students will be mailed registration materials with detailed instructions. A help session will be offered to answer registration questions on April 19 from 12-7 p.m. Parents and students are welcome to come in and ask counselors questions.

Language Arts Department

Please note that not all four-year universities will accept Language Arts elective courses to meet the English admission requirement. See individual college websites for details. Courses from this subject area earn Language Arts credits.^{7,8}

9TH GRADE

Language Arts	<p>INTRODUCTION TO LITERATURE AND COMPOSITION 9A/B-YEAR</p> <p>Introduction to Literature and Composition is a yearlong course that concentrates on guided and critical reading of texts from different genres that reflect themes of identity and self-discovery and where the focus of composition is developing clear and purposeful writing. Readings, both classical and contemporary, lend themselves to literary analysis, represent a variety of reading levels and display an assortment of themes and cultures. Close attention is paid to recognizing connections amongst texts, between texts and the world and between texts and the self. While building and honing reading skills, students also develop writing proficiency by creating clear and purposeful essays while adhering to conventions of composition.</p>
Language Arts	<p>HONORS INTRODUCTION TO LITERATURE AND COMPOSITION 9A/B-YEAR*</p> <p>This honors course is marked by an expectation for a greater degree of student participation, involvement in the discussion, and overall academic leadership than in the standard course. More in-depth assignments and assessments are designed to prepare students for eventual enrollment in one of the two IB English courses in 11th and 12th Grade.</p>
Language Arts	<p>HONORS INTRODUCTION TO LITERATURE AND COMPOSITION 9A/B (HCC ENGLISH 9)-YEAR* NOTE: Open to APP 9th graders in the IBx program only.</p> <p>In this course, APP freshman will learn specific writing skills and demonstrate their academic writing competence both in course assessments and preparation for College level English courses. Course content includes Biblical allusions, short story, poetry, drama, and novels. Students will engage in the writing process to produce increasingly sophisticated essays. Students will analyze literature, conduct research and synthesize meaning from historical, cultural and intellectual contexts while pursuing multiple themes. In addition, instruction will develop skills in critical thinking, effective discourse, collaboration, reflection, and Standard English writing conventions. Outside and summer reading are required. Students will be prepared to enroll in IB Literature HL in 11th and 12th grades.</p>

⁷ Please note that students enrolled in HCC should take Honors English 9 before enrolling in IB English HL in 10th and 11th grades.

⁸ Students who are intending to enroll in an IB English course in their 11th and 12th grade years are recommended to take Language Arts Honors courses in their 9th and 10th grade years.

10TH GRADE

Language Arts	<p>WORLD LITERATURE AND COMPOSITION 10A/B-YEAR</p> <p>World Literature and Composition is a yearlong course where students read international texts and additional supplemental works including poetry, short stories and nonfiction. The course concentrates on critically reading how the human experience is expressed in literature from around the world. Readings lend themselves to literary analysis, represent a variety of cultures, and showcase an assortment of themes. While honing reading skills, students also develop writing proficiency by crafting increasingly clear and purposeful essays with an emphasis on refinement and style. At the conclusion of the course students recognize recurring themes and patterns in World Literature and how historical and cultural influences are represented in the works.</p>
Language Arts	<p>HONORS WORLD LITERATURE AND COMPOSITION 10A/B-YEAR*</p> <p>This honors course is marked by an expectation for a greater degree of student participation, involvement in the discussion, and overall academic leadership than in the standard course. More in-depth assignments and assessments are designed to prepare students for eventual enrollment in one of the two IB English courses in 11th and 12th Grade.</p>

11TH AND 12TH GRADE

Language Arts	<p>AMERICAN LITERATURE AND COMPOSITION 11 A/B-YEAR</p> <p>American Literature and Composition is a yearlong course that concentrates on critically reading different interpretations of the American experience and the American dream, with an emphasis on increased sophistication through reading, writing and speaking. The course prepares students to grapple with the fundamental notions of American identity as it is expressed in a range of texts and genres. Readings, both classical and contemporary, lend themselves to literary analysis, represent a variety of reading levels and cultures, and showcase an assortment of themes. Close attention is paid to recognizing connections amongst texts, between texts and the world and between texts and the self. While honing reading skills, students also develop writing proficiency by crafting increasingly clear and purposeful essays with an emphasis on refinement and style.</p>
Language Arts	<p>IB LITERATURE 11 [YEAR 1] A/B and IB LITERATURE 12 A/B [YEAR 2] HL-YEAR*⁹</p> <p>This two-year sequence of courses prepares students to take the IB Literature exam at the Higher level. IB Literature is built on the assumption that literature is concerned with our conceptions, interpretations and experiences of the world. The study of literature can therefore be seen as an exploration of the way it represents the complex pursuits, anxieties, joys and fears to which human beings are exposed in the daily business of living. Through the study of a wide range of literature, the IB Literature course encourages students to appreciate the artistry of literature and to develop an ability to reflect critically on their reading. Works</p>

⁹ This course is also designated in 10th and 11th grade for HCC students in the IBx program.

	are studied in their literary and cultural contexts, through close study of individual texts and passages, and by considering a range of critical approaches.
Language Arts	<p>IB LANGUAGE AND LITERATURE 11A/B HL-YEAR and IB LANGUAGE AND LITERATURE 12A/B HL-YEAR* ¹⁰</p> <p>Two-year sequence of courses that prepares students to take the IB Language & Literature exam at the Higher level. The course comprises four parts: two relate to the study of language and two to the study of literature. A key aim of the course is to encourage students to question the meaning generated by language and texts, which is rarely straightforward and unambiguous. Helping students to focus closely on the language of the texts they study and to become aware of the role of context in shaping meaning is central to the course. The aim is to develop in student’s skills of textual analysis and the understanding of texts both literary and non-literary. The study of literature in translation from other cultures is especially important because it contributes to a global perspective, thereby promoting an insight into, and understanding of, the different ways in which cultures influence and shape the experiences of life common to all humanity.</p>
Language Arts	<p>COMPARATIVE LITERATURE AND COMPOSITION 12A and 12B-YEAR</p> <p>Comparative Lit & Comp synthesizes critical reading and writing skills from previous years, focusing on texts that cross a wide range of genres, and embody a high level of thematic and technical complexity and independence. It stresses the continued development of reading, writing, speaking, and listening skills. Students are encouraged to express themselves and respond creatively to literature. Students read a variety of works from different locations and eras. Individual outside reading is central to this course.</p>
Language Arts	<p>IBx ENGLISH SENIOR HUMANITIES SEMINAR HONORS-SEMESTER</p> <p>NOTE: Open to HCC 12th graders in the IBx program only.</p> <p>This is an advanced, college course that meets international standards of performance. Course content includes prose non-fiction, including essay and oratory; poetry; and fiction from prescribed lists. The significance of historic and other cultural influences on literature will be explored. Analytical reading, essay composition, and use of rhetorical devices in presentations and writing are emphasized. Critical thinking, close reading, literary analysis, and persuasive writing will focus on elements of purpose, audience, argumentation, and style. Development of presentation skills and essay revision skills in preparation for oral and written assessments is emphasized.</p>

¹⁰ This course is also designated in 10th and 11th grade for HCC students in the IBx program.

LANGUAGE ARTS ELECTIVE CHOICES

<p>Language Arts</p>	<p>FILM STUDIES I-YEAR* (10th – 12th Grade)</p> <p>Film Study I is an introduction to all important aspects of film as an art form, focusing on the study and analysis of film texts and hands-on exercises in film making. The course explores film history, theory, socio-economic background, and the many cultural and historical perspectives inherent in the medium. To achieve an international understanding within the world of the film, students are taught to consider film texts, theories, and ideas from the points of view of different individuals, nations, and cultures. Students will be encouraged to develop the professional and technical skills needed to express themselves creatively in film. At the core of this course lies a concern with the clarity of understanding, critical thinking, reflective analysis, effective involvement, and imaginative synthesis that is achieved through practical engagement of art and craft of film. Pre-requisite for IB FILM. This course <u>cannot</u> be used as a core English course required for graduation.</p>
<p>Language Arts</p>	<p>IB FILM SL year long</p> <p>Film is both a powerful communication medium and an art form. The IB film course aims to develop students' skills so that they become adept in both interpreting and making film texts. Through the study and analysis of film texts and exercises in film-making, the IB film course explores film history, theory and socio-economic background. The course develops students' critical abilities, enabling them to appreciate the multiplicity of cultural and historical perspectives in film. To achieve an international understanding within the world of film, students are taught to consider film texts, Theories and ideas from the points of view of different individuals, nations and cultures. The IB film course emphasizes the importance of working individually and as a member of a group. Students are encouraged to develop the professional and technical skills (including organizational skills) needed to express themselves creatively in film. This course includes high level writing and film production. Film Study is a prerequisite for this course. This course <u>cannot</u> be used as a core English course required for graduation.</p>

World Language Department

World Language	<p>FRENCH 1 A/B-YEAR Material fee</p> <p>Contact Roxy Lewis for French Placement questions rmlewis@seattleschools.org</p> <p>This is a beginning level class with class emphasis on all four-language skills: reading, writing, speaking, listening comprehension. Students will be encouraged to write, read, speak and comprehend spoken French daily. Culture of the francophone world is incorporated. This class requires completing daily homework assignments.</p>
World Language	<p>FRENCH 2 A/B-YEAR Material fee</p> <p>Students must have successfully completed French 1. Students will focus on increasing proficiency in reading, writing, speaking, and listening comprehension. Francophone culture and introduction to francophone literature is incorporated into this course. Class is conducted mostly in French. Daily homework required.</p>
World Language	<p>FRENCH 3 A/B-YEAR Material fee</p> <p>Students must have successfully completed French 2. This class is conducted exclusively in French with emphasis on increasing proficiency in all four-language skills: reading, writing, speaking and listening comprehension. Grammar is reviewed and refined in the context of studying the literature and culture of the francophone world. Daily homework required.</p>
World Language	<p>IB FRENCH 4 A/B SL-YEAR* Material fee</p> <p>Students must have successfully completed French 3. This class is conducted exclusively in French with emphasis on increasing proficiency in all four-language skills: reading, writing, speaking and listening comprehension. This course will prepare students for the IB Language B French exams through more advanced study. Daily homework required.</p>
World Language	<p>IB FRENCH 5 A/B HL-YEAR* Material fee</p> <p>Students must have successfully completed IB French 4. This class is conducted exclusively in French and is designed for students who wish to take the IB Language B French exam at the standard or higher level. Emphasis is on increasing proficiency in all four-language skills: reading, writing, speaking and listening comprehension. Students will study francophone literature and culture in depth. Daily homework required.</p>

World Language	JAPANESE 1 A/B-YEAR We have been unable to offer Japanese 1 due to lack of students enrolling in the course.
World Language	JAPANESE 2 A/B-YEAR Material fee Students must have successfully completed Japanese 1. Students will focus on increasing proficiency in reading, writing, speaking, and comprehending spoken Japanese through the study of Japanese language, literature and culture. Daily homework required.
World Language	JAPANESE 3 A/B-YEAR Material fee Students must have successfully completed Japanese 2. Emphasis is on increasing proficiency in all four-language skills: reading, writing, speaking and listening comprehension through the study of Japanese language, literature and culture. Daily homework required.
World Language	IB JAPANESE 4 A/B SL-YEAR* Material fee Students must have successfully completed Japanese 3. This class is conducted exclusively in Japanese with emphasis on increasing proficiency in all four-language areas: reading, writing, speaking and listening comprehension. Designed for students who are preparing for the IB Language B Japanese exam. Emphasis is on increasing proficiency in all four-language areas: reading, writing, speaking and listening comprehension. Daily homework required.
World Language	IB JAPANESE 5 A/B HL-YEAR* Material fee Students must have successfully completed IB Japanese 4. This class is designed for students who are preparing for the IB Language B Japanese exam at the standard or higher level. Emphasis is on increasing proficiency in all four-language areas: reading, writing, speaking and listening comprehension, through additional study. Daily homework required.
World Language	IB JAPANESE 6 A/B HL-YEAR* Material fee Students must have successfully completed IB Japanese 5. The main focus is language acquisition, with special emphasis placed on developing an understanding and appreciation of Japanese literature. Daily homework required.
World Language	SPANISH 1 A/B-YEAR Material fee Contact Pete Fontaine for placement questions in Spanish pjfontaine@seattleschools.org

	<p>This is a beginning level class with emphasis on all four-language skills: reading, writing, speaking, listening comprehension. Students will be encouraged to write, read, speak and comprehend spoken Spanish each day. Culture of the Spanish-speaking world is incorporated into the curriculum. This class requires completing daily homework.</p>
World Language	<p>SPANISH 2 A/B-YEAR Material fee</p> <p>Students must have successfully completed Spanish 1. Students will focus on increasing proficiency in reading, writing, speaking, and comprehending spoken Spanish through the study of the Spanish language as well as the literature and culture of the Spanish speaking world. Class is conducted mostly in Spanish. Daily homework required.</p>
World Language	<p>SPANISH 3 A/B-YEAR Material fee</p> <p>Students must have successfully completed Spanish 2. This class is conducted exclusively in Spanish with emphasis on increasing proficiency in all four-language areas: reading, writing, speaking and comprehending spoken Spanish. Grammar is reviewed and refined through the study of the literature and culture of Spanish speaking countries. Daily homework required.</p>
World Language	<p>IB SPANISH 4 A/B SL-YEAR* Material fee</p> <p>Students must have successfully completed Spanish 3. This class is conducted exclusively in Spanish with emphasis on all four-language skills: reading, writing, speaking and listening comprehension. This course will prepare students for the IB Language B Spanish exam through the study of more advanced grammar, literature and culture of the Spanish speaking world. Daily homework is required.</p>
World Language	<p>IB SPANISH 5 A/B HL-YEAR* Material fee</p> <p>Students must have successfully completed IB Spanish 4. This class is conducted exclusively in Spanish with emphasis on all four-language skills: reading, writing, speaking and listening comprehension. This course will prepare students for the IB Language B Spanish exam at the standard or higher level through the study of advanced grammar, literature and culture of the Spanish speaking world. Daily homework required.</p>
World Language	<p>IB SPANISH 6 A/B-YEAR* Material fee</p> <p>Prerequisite: Successful completion of IB Spanish 5. Students build vocabulary and develop written and oral fluency. Focus is on preparing for the Higher Level IB exam. *Must be testing in the course to enroll.</p>

Social Studies Department

9TH GRADE_{11&12}

<p>Social Studies</p>	<p>WORLD HISTORY 1/2-YEAR</p> <p>World History 1 & 2 is a yearlong course of study that focuses on the cultures and regions of Africa, the Middle East, and Asia. While geography and history are fundamental to the study of each region, emphasis is also placed on the regions' contemporary cultural, political, and economic characteristics. By studying major cultural areas, students should better understand the current and changing conditions in the world as well as relationship of the United States to these regions. Skill development includes working with historical texts and maps, interpreting data in various formats, and writing historical narrative.</p>
<p>Social Studies</p>	<p>HONORS WORLD HISTORY 1/2 –YEAR*</p> <p>This course includes additional depth and breadth to fit the needs of honors students. Learning objectives are: the student will be able to apply social studies skills; the student will be able to show knowledge of significant persons, groups, places and events; and the student will be able to show understanding of significant vocabulary and concepts.</p>

10TH GRADE

<p>Social Studies</p>	<p>WORLD HISTORY 3-SEMESTER</p> <p>World History 3 is a semester course that examines the 20th Century and the move away from Colonialism to a more inter-connected world. Students will explore political changes around the world as well as modern conflicts. Attention will be given to causes of both World Wars as well as non-Western nations.</p>
<p>Social Studies</p>	<p>HONORS WORLD HISTORY 4-SEMESTER*</p> <p>Honors World History 4 offers an in-depth examination of the topics in World History 3 but will not focus on the World Wars.</p>

¹¹ Please note that students enrolled in HCC should take Honors History 1 & 2 before enrolling in IB History HL courses in 10th and 11th grades.

¹² Students who are intending to enroll in an IB History course in their 11th and 12th grade years are recommended to take Social Studies Honors courses in their 9th and 10th grade years.

11TH GRADE

<p>Social Studies</p>	<p>US HISTORY 11A/B-YEAR</p> <p>This course considers the ideas, issues and conflicts that have shaped this nation and helps students develop a perspective that links the present with the past. Beginning with colonial America prior to the Revolution, the course follows a broad chronological framework that includes the Revolution and Constitution, slavery, national expansion, the Civil War, and industrialization. Attention is given to working with primary and secondary sources and helping students understand the limits of historical evidence. Students will examine neo-colonialism and the emergence of the U.S. as a global power. Topics include WWI, the Great Depression, WWII, the Civil Rights Movement, and the Vietnam War. This course is intended to help students think about the relationship of past and present, understand current situations, and to think critically about the rights and roles of citizens in a democracy.</p>
<p>Social Studies</p>	<p>IB HISTORY OF AMERICAS 1 and 2 HL-YEAR*¹³</p> <p>This course examines U.S. history in the broader political, social, and economic context of the hemisphere. Starting with European colonization of the Americas, this comparative study includes wars for independence, national expansion, slavery, the American Civil War, immigration and industrialization. It continues the examination of U.S. history in the broader context of the western hemisphere. Beginning with neo-colonialism, students will consider the emergence of the United States as a world power and the emergence of competing economic and social theories, the causes and consequences of the Great Depression, the role and treatment of women and minorities, and the Civil Rights movement. Emphasis is placed on the interpretation and analysis of both primary and secondary sources, historical writing, and preparing for the higher-level IB exams in history.</p>
<p>Social Studies</p>	<p>IB THEORY OF KNOWLEDGE 1-SEMESTER (Before or After School)*¹⁴</p> <p>Theory of Knowledge (TOK) is the central, worldwide-required element of the IB Diploma Program. TOK asks student to be critical in the examination of what can be known, how that knowledge is constructed, and how claims about knowledge vary between disciplines as well as cultures. Students are asked to reflect on the interaction between different areas of knowledge, various ways of knowing, and the knower. Special attention is given to developing writing skills appropriate for philosophical inquiry as well work on the EE.</p>

¹³ This course is also designated in 10th grade for HCC students in the IBx program.

¹⁴ This course is also designated in 10th grade for HCC students in the IBx program.

12TH GRADE

Social Studies	<p>AM GOVT & ECON-SEMESTER</p> <p>The fundamental purpose of this course is to give students the tools and encouragement necessary for the meaningful participation in decisions that affect their lives. While the course considers the formal institutions of government, students will also examine the informal workings of the political and economic processes involved as Americans confront difficult social problems. Students will examine challenging issues that confront government and how we decide who gets what, when and how. Special emphasis is placed on the growth of the court's role in resolving social, economic, and political questions in the 1900's.</p>
Social Studies	<p>IB 20TH CENTURY WORLD HISTORY 1 and 2-YEAR*¹⁵</p> <p>Students will study selected topics and make more focused study of peacemaking/peacekeeping, Arab-Israeli conflict, and Communism. Students will conduct historical investigation on a topic of their choice through which they develop skills related to the use and evaluation of primary and secondary sources as well as historical analysis. Students continue their study with such selected topics as causes, practices, and effects of war; origins and development of authoritarian and single part states; democratic states, their challenges and response; nationalist and independence movements in Africa and Asia and post-1945 Central and Eastern Europe; and the Cold War.</p>
Social Studies	<p>IB THEORY OF KNOWLEDGE 2-SEMESTER (Before or After School)*¹⁶</p> <p>TOK continues into the first semester of the senior year. Students build on the work from the previous year with a more in-depth examination of the different areas of knowledge. Through presentations, students focus on specific, contemporary problems of knowledge. A culminating essay on a prescribed title is required. IB TOK 2 is required for senior IB Diploma candidates and for non-diploma candidates; successful completion of TOK 1 is required.</p>

SOCIAL STUDIES ELECTIVE

Social Studies	<p>IB PHILOSOPHY 1/2 SL-YEAR* (This course will not be offered for the 2017-18 school-year)</p> <p>The emphasis of the IB Diploma Program philosophy course is on “doing” philosophy. It focuses on developing students’ ability to formulate arguments in a sound and purposeful way, and encourages students to develop independent and creative ways of thinking.</p>
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¹⁵ This course is also designated in 11th grade for HCC students in the IBx program.

¹⁶ This course is also designated in 11th grade for HCC students in the IBx program.

Science Department

9TH GRADE

Science	PHYSICAL SCIENCE 1/2-YEAR This class focuses on the interactions of nonliving systems through the study of forces, motion, matter, energy, Earth system, and evolution of the universe.
Science	HONORS PHYSICAL SCIENCE 1/2 Contact our science department head, Kurt Spann kfspann@seattleschools.org for more information.
Science	HONORS CHEMISTRY 1/2 (APP CHEMISTRY 9) –YEAR NOTE: Open to HCC 9th graders in the IBx program only. This is a lab science course designed to prepare students for college level chemistry. Students are introduced to the scientific method as it is employed in chemistry, taught how to safely conduct lab experiments and report results, and how to successfully assimilate a technical subject such as chemistry. The course seeks to develop an appreciation for the structure and interactions of matter and the associated changes in energy. The specific topics addressed are typically covered in a first-year inorganic chemistry course, but with more in-depth study and research.

10TH GRADE

Science	BIOLOGY 1/2-YEAR Biology is the study of life. During this semester, we will look at the six principles living organisms have in common: Evolution, Homeostasis, Energy, Reproduction, Development, and Ecology. Our study will be inquiry based following the five E's of our textbook: Engage, explore, explain, elaborate, evaluate.
Science	HONORS BIOLOGY 1/2 –YEAR In this class, student will complete rigorous coursework in biology including labs, readings, writing assignments, group work, tests, quizzes and projects.
Science	HONORS PHYSICS 1/2 – YEAR

	Intended for HCC 10 th graders who are postponing IB until junior year. 11 th and 12 th graders allowed when space permits. Concurrent enrollment in Algebra 2 required.
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11TH AND 12TH GRADE

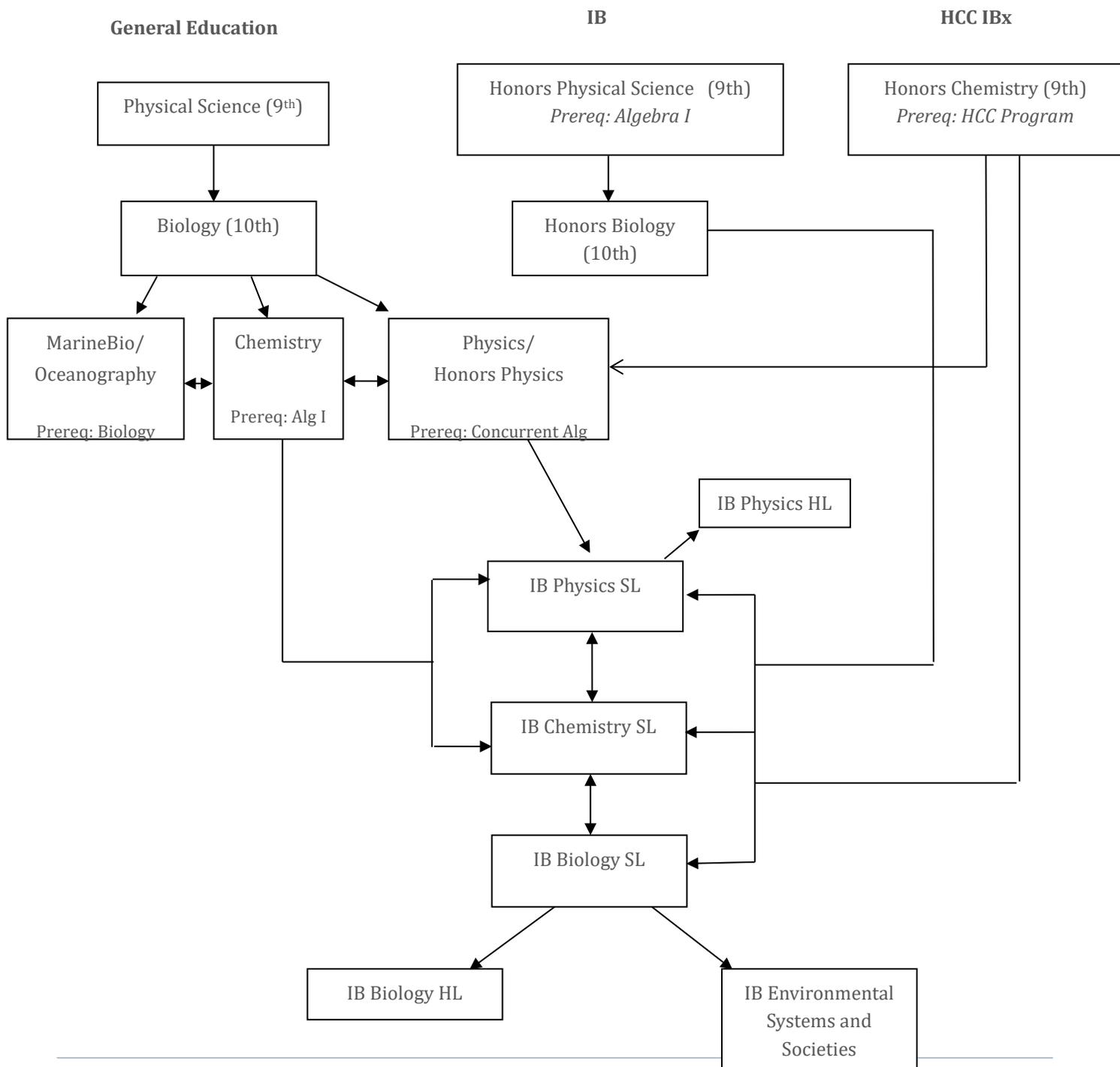
HCT6181	<p>MATERIAL SCIENCE- 1st Semester Only</p> <p>A course that prepares individuals to apply mathematical and material science principles to the study of materials and related processes used in a wide variety of settings; the synthesis of new materials including marrying and bonding composites. The components of the course are: Background – What is Materials Science? Classification of Materials, Crystals, Crystalline Defects, Solids, Metals, Polymers, Ceramics and Glass, Composites. Students will study materials on various scales ranging from atomic to microscopic to macroscopic. Classroom work will be integrated with hand on labs. Students will create a scientific journal recording their notes and experiments. This course will draw on the MST (Materials Science and Technology) Curriculum developed by ASM International.</p>
Science	<p>IB CHEMISTRY 1/2 SL-YEAR*</p> <p>Prerequisite: Passed Algebra 1 and concurrent enrollment in Algebra 2. At the end of the first year, students will be prepared to take the Chemistry SL exam. Chemistry is the study of matter (stuff) and energy, and how they combine to make up our world and cause change in our universe. The following topics will be covered: atomic theory, chemical bonding and reactivity, chemical periodicity, states of matter, stoichiometry, equilibrium, acids and bases, organic chemistry, kinetics, thermodynamics, oxidation-reduction and electrochemistry, chemical fuels and environmental chemistry. Students will learn to read and write scientific material; learn test-taking strategies; learn and demonstrate practical laboratory skills; and develop an awareness of how scientists work and communicate with each other, along with an awareness of moral and ethical issues related to scientific study.</p>
Science	<p>CHEMISTRY 1/2-YEAR</p> <p>Prerequisite: Passed Algebra 1 and concurrent enrollment in Algebra 2. Laboratory science course designed to lead students to an understanding of the methods of scientists and basic concepts of the science of chemistry.</p>
Science	<p>OCEANOGRAPHY 1 /MARINE BIOLOGY-YEAR</p> <p>NOTE: These courses can be taken separately.</p> <p>The course covers the geological and biological history of the earth with a special focus on the Pacific Northwest. It covers physical and chemical aspects of oceanography such as</p>

	<p>water chemistry, waves, tides, currents, weather, and ocean ones. Navigation and charting are also included. This course exposes students to graduate candidates, innovative technology, and research in Marine Science. The 2nd semester focuses on marine biology, particularly marine organisms and their adaptation to the physical environment. Studies will range from algae, to invertebrates, to marine mammals with an emphasis on evolutionary changes. Field research opportunities are available and are encouraged.</p>
Science	<p>PHYSICS 1/2-YEAR \$20 Lab Fee</p> <p>Prerequisite: Concurrent enrollment in Algebra 2. Physics is a college preparatory course. Through hands-on activities, students learn about kinematics (motion, velocity, and acceleration), dynamics (forces and their effect on motion), the Work / Energy Theorem, and Uniform Circular Motion. Students enhance inductive and deductive reasoning through lab investigations using computer-based sensors. Students also explore concepts through quantitative and conceptual problem solving. Specific skills addressed include measurement, significant figures, curve fitting, and vectors in one and two dimensions.</p>
Science	<p>IB PHYSICS SL 1/2-YEAR* \$20 Lab Fee</p> <p>Prerequisite: Concurrent enrollment in Pre-Calculus, an AP mathematics course, or an IB Mathematics course.</p> <p>IB Physics SL includes quick review of the calculus concepts necessary to be successful in the course and then moves on to a study of motion and the forces that influence motion. Next, we study the mechanical definition of energy and how it is transferred. It is a college level course and is foundational for Physics, Engineering, and Math majors while being a requirement for most Business, Biology and Pre-med programs.</p>
Science	<p>IB PHYSICS HL 3/4-YEAR* \$25 Lab Fee</p> <p>Prerequisite: IB Physics SL, concurrent enrollment in Pre-Calculus, an AP mathematics course, or an IB Mathematics course.</p> <p>This is the 2nd year of a two-year course. Topics in addition to core SL material include simple harmonic motion, single-slit diffraction, interference, resolution, Doppler effect, describing fields, electromagnetic induction, power generation and transmission, capacitance, quantum and nuclear physics, the interaction of matter with radiation, and nuclear physics. Optional topics includes relativistic mechanics, general relativity, fluids and fluid dynamics, forced vibrations, resonance, medical imaging, stellar processes and cosmology. This is a college level course and is foundational for Physics, Engineering, and Math majors while being a requirement for most Business, Biology and Pre-med programs.</p>
Science	<p>IB BIOLOGY 1/2 SL-YEAR* \$20 Lab Fee</p> <p>Prerequisite: completed Honors APP Chemistry 9, Honors Biology 1/2, or Biology 1/2. This is an international baccalaureate curriculum, incorporating fundamental concepts of chemistry, mathematics, and physics into a broad view of modern biology. By integrating lab work and theory, the curriculum teaches the facts and concepts of modern biology as</p>

	<p>well as how new knowledge is obtained and new discoveries are understood. In the course, you will become familiar with the scientific methods and techniques and learn to use scientific terminology and methods of presenting scientific information. In short, this course will equip you with solid foundation in the basics of biological science.</p>
Science	<p>IB BIOLOGY 3/4 HL-YEAR* \$20 Lab Fee</p> <p>Prerequisite: IB Biology 1/2 SL. In this second year of IB Biology, we will solidify concepts of chemistry, mathematics, and physics that are of essence in modern biology. By integrating lab work and theory, the curriculum teaches the facts and concepts of modern biology as well as how new knowledge is obtained and new discoveries are understood. The focus will be on experiments with unknown outcomes, giving you a chance to do work that is more independent and challenge your scientific aptitude. You will read scientific work, build upon what you have learned last year and graduate with a love for biology.</p>
Science	<p>IB ENVIRONMENTAL SYSTEMS AND SOCIETIES 1/2 SL-YEAR* \$20 Lab Fee</p> <p>Through this course, students will be provided with a coherent perspective of the interrelationships between environmental systems and societies; one that enables them to adopt an informed personal response to the wide range of pressing environmental issues that they will inevitably come to face. The teaching approach is such that students are allowed to evaluate the scientific, ethical and socio-political aspects of issues.</p>

INGRAHAM HIGH SCHOOL *SCIENCE* DEPARTMENT 2016-2017

Ingraham offers multiple pathways of college-preparatory science. The choice of pathway depends on the individual student's interest, background and aptitude in science and mathematics. Each science course at Ingraham is a college-preparatory (CP) lab science course.



Mathematics Department

Students are placed based on prior teacher recommendation, standardized test scores in addition to recommended Ingraham administered placement tests for higher mathematics courses. Classes are organized by proven ability rather than grade level. IB Mathematics courses are open to students in 11th and 12th grade only.¹⁷ Contact math department head, Peggy Sjong for placement questions. pmsjong@seattleschools.org

Math	ALGEBRA 1A/B-YEAR* This course provides a practical blend of technology-related and paper-and-pencil problem solving tools. Explorations and investigations emphasize symbol sense, algebraic manipulations, and conceptual understandings. Students make sense of important algebraic concepts, learn and practice essential algebraic skills, and apply algebraic thinking. This course allows students to experience algebra using multiple representations (numerical, graphic, symbolic, and verbal). Topics in this course include Graphing, Linear Equations, Functions, Data Analysis, Proportional Reasoning, Probability, Systems of Equations, and Inequalities.
Math	ALGEBRA LAB 1A/B-YEAR* (taken in conjunction with Algebra 1A/B) Provides support for students to strengthen their understanding of concepts in Algebra 1.
Math	GEOMETRY A/B-YEAR* This course provides an opportunity for students to explore geometric relationships with a wide variety of tools, including paper, compasses, computers, and graphing calculators. Students perform constructions, measure figures, observe patterns, discuss their findings, write their own definitions, and formulate and prove geometric conjectures. Topics include informal and formal proof, properties of triangles, polygons, and circles, transformations and tessellations, area and volume, the Pythagorean Theorem, congruence, and similarity.
Math	GEOMETRY A/B HONORS-YEAR* Honors Geometry offers a more in-depth examination of the topics in standard Geometry.
Math	ALGEBRA 2A/B-YEAR* Provides an opportunity for students to deepen their understanding of challenging topics in mathematics including recursion, transformations, matrices, series, and applications of

¹⁷ IB Mathematics courses are also open to qualified APP students in 10th grade. Students who have passed an Algebra 2 course but are not eligible for IB Mathematics should enroll in an AP mathematics course.

	<p>statistics. This course will focus on functions including exponential, power, logarithmic, trigonometric, rational, and polynomial functions. The text provides a balanced mix of data-analysis and pure-algebra techniques. Algebraic techniques equip students with multiple problem-solving strategies and prepare them for high-level courses that are algebra intensive. They learn to solve problems with and without a calculator. This is the end of a three-year sequence to meet minimum requirements for admission to four-year universities.</p>
Math	<p>ALGEBRA 2 A/B HONORS-YEAR*</p> <p>Honors Algebra 2 offers a more in-depth examination of the topics in standard Algebra 2.</p>
Math	<p>PRE-CALCULUS A/B-YEAR*</p> <p>Prerequisite: Algebra 2. Pre-Calculus focuses on algebra and functions, topics from discrete mathematics, and calculus. The units will focus on the same math content as Pre-Calculus, but at a deeper, more analytical level. The assignments and assessments given may be more difficult to reflect the deeper analytical content.</p>
Math	<p>HONORS PRE-CALCULUS A/B- YEAR</p> <p>Pre-calculus combines the trigonometric, geometric, and algebraic techniques needed to prepare students for the study of calculus. Prerequisite: Successful completion of Algebra 2 in middle school or Algebra 2 Honors in grades 9 or 10.</p>
Math	<p>AP CALCULUS A/B-YEAR*</p> <p>Prerequisite: Pre-Calculus, IB Mathematics, or teacher recommendation. This is a course in introductory calculus with elementary functions. Topics covered include Functions, Derivatives, Integrals, the Fundamental Theorem of Calculus, and numerical approximations to definite integrals. A graphing calculator comparable to a TI-84 is required for this course, which follows the AP syllabus and prepares students for the AP exam in May.</p>
Math	<p>IB MATHEMATICS SL A/B-YR*</p> <p>The study of algebra, functions, geometry, binomial theorem, trigonometry, vectors, probability, and statistics. Students are introduced to calculus with derivatives and integrals. Special emphasis will be placed on portfolio assessment and preparation for the IB SL Exam.</p>
Math	<p>IB MATHEMATICS HL A/B and C/D-YR 1 and 2*</p>

	<p>Prerequisite: Algebra 2 Honors or Pre-calculus. A 2-year course, which includes the study of functions, sequences and series, exponents and logarithms, coordinate geometry, quadratic functions, binomial theorem, trigonometry, 2 and 3 dimensional vectors, probability, statistics, and calculus which includes derivatives and integrals with volumes of rotation. HL includes, in addition:-Proof by Induction, Complex numbers and Theorems for real polynomials, Probability to Bayes' Theorem, DeMoivre's Theorem, and integration by parts and by trig. subst., separable differential equations, continuous distributions of random variables and more...There is a paper 3 Option Section on a subject of the teacher's choice, usually Statistics or advanced calculus/analysis. This course meets all the requirements for the IBDP and prepares students for the IB Higher Level Mathematics Exam.</p>
Math	<p>IB MATHEMATICAL STUDIES A/B SL-YR*</p> <p>The continuing sequence course following Algebra 2 and Algebra 2 Honors for students seeking an International Baccalaureate certificate in mathematical methods standard level and for college bound honors students. The main aspects of study for this course include Algebra, Trigonometry, Functions, Transformations, Sequences and Series, Logarithms, and Logic. IB Math Studies includes the main aspects of Vector Geometry, Statistics and Probability, and Calculus that includes differentiation and integration.</p>
Math	<p>COLLECTION OF EVIDENCE MATHEMATICS 1/2-YEAR*</p> <p>This course is designed for students to create and/or augment a Collections of Evidence in Algebra 1 or Geometry. Students will submit their collections of work to OSPI as an alternative way to pass the End of Course exam.</p>
Math	<p>AP STATISTICS A/B-YEAR*</p> <p>Prerequisite: Algebra 2 or higher. The first semester covers exploratory analysis of data and makes use of graphical and numerical techniques to study patterns and departures from patterns. Emphasis is placed on interpreting information from graphical and numerical displays and summaries. First semester also covers data collection according to a well-developed plan if valid information on a conjecture is to be obtained. This plan includes clarifying the question and deciding upon a method of data collection and analysis.</p> <p>The second semester covers the use of probability as a tool for anticipating what the distribution of data should look like under a given model. This semester also covers the use of statistical inference in guiding and selection of appropriate models. A graphing calculator comparable to a TI-84 is required for this course.</p>
TBD	<p>IB FURTHER MATHEMATICS A/B-YEAR*</p>

	Offering is subject to change and is open to students who are concurrently enrolled in or have completed IB Mathematics HL. Place an alternate mathematics course in case student enrollment is not high enough to offer this.
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Performing and Visual Arts Department

Fine Art	<p>ART SURVEY-SEMESTER</p> <p>This course includes working in both two-and three-dimensional designs. It will give the student a good understanding of art in general and how it influences our everyday life and experiences. It will explore the general elements and principles of design. Activities will be planned so that the application of these principles can be explored through a variety of media and techniques. Such activities as printmaking, painting exercise, color mixing and theories, art history, pattern package, design, interior design, and sculpture problems may be included in this course of study.</p>
Fine Art	<p>CERAMICS-SEMESTER</p> <p>This class is designed to instruct students in the fabrication of the plastic medium of clay. The Language of Art, i.e., the “Elements of Art” and the “Principles of Design,” will be incorporated into the students’ working vocabulary. Students will explore the processes of modeling, carving, firing, glazing, hand building, pinching, stamping, and throwing their ceramic creations. The learning activities of visiting a museum or gallery, readings, participating in class discussions, mounting and labeling photos from magazines, and learning how to analyze. All students will mount and exhibit their artwork with their Artist Statement in the semester Art Show in our library. Seventy percent of the class work will be “studio,” and thirty percent will be on a “Research Notebook”.</p>
Fine Art	<p>DRAWING & PAINTING-SEMESTER</p> <p>Students learn the basics of drawing and painting through a series of projects that cover such diverse topics as art history, typography, cartooning, perspective and architectural drawing, composition, figure drawing, contour drawing, landscapes, shading, still life, portraits, product design and graphic design. Students are required to attend art field trips, create art for their community and exhibit their work in public exhibitions. Emphasis is placed on creating artwork around personal interests while building skills and creative expression. All students will participate in the semester Art Show.</p>
Occ. Ed.	<p>PHOTO FOUNDATION-SEMESTER</p> <p>This course is designed to explore the photographic process as a method of creative visual communication. Course content covers photocomposition, arts elements, basics of camera operation, and film and/or digital processing.</p>
Occ. Ed.	<p>ADVANCED PHOTO FOUNDATION-SEMESTER</p>

	This course is designed to further explore the photographic process as a method of creative visual communication.
Fine Art	<p>ADVANCED CERAMICS-SEMESTER</p> <p>This course provides the student with increasingly complex experiences, which are built upon previously, learned skills and concepts. More individualization is stressed than in most preceding ceramics courses due to the smaller class size. In addition to hand building, wheel-throwing techniques are emphasized.</p>
Fine Art	<p>ADVANCED DRAWING & PAINTING--SEMESTER</p> <p>This course is designed for students who have already completed Drawing II and I in this series of courses. Because this course is designed to fit the particular group of students enrolled, it may be repeated for additional credit.</p>
Fine Art	<p>IB VISUAL ARTS 1/2 SL-3/4 HL-YEAR*</p> <p>IB Visual Arts 1 SL starts a yearlong course-sequence where students explore creative expression and skill development with a wide variety of media while focusing on a self-directed portfolio. Students are required to attend art field trips, participate in critiques with professional artists and their peers, create art for their community, and contribute work to public art exhibitions. Emphasis is placed on creating artwork around personal interests while building skills and creative expression. Students will select either the portfolio option or the investigation workbook option in preparing for the IB visual arts exam. All students will mount and exhibit their artwork with their Artist Statement in the semester Art Show in our library. Registration for this course requires a portfolio review and permission from our IB art instructor.</p>
Fine Art or Occ. Ed	<p>CONCERT ORCHESTRA-YEAR</p> <p>This ensemble performs challenging, high-level literature from the orchestral repertoire. Students give several performances throughout the year with opportunities for small string ensemble as well as full orchestra work. The focus of this ensemble is on advanced musicianship.</p>
Fine Art or Occ. Ed	<p>SYMPHONIC BAND-YEAR and CCT*</p> <p>Performs 5 concerts each year focusing on the foundation of wind band literature. Comprises the Ram Band, which plays at home football games in the fall and marches in one parade in the spring. No audition necessary.</p>

Fine Art or Occ. Ed	<p>PERCUSSION ENSEMBLE-YEAR and CCT*</p> <p>Provides percussion support for all the ensembles in our music program. Also, comprises the Ram Band Drum line, which marches with the band at all games as well as parades. The percussion ensemble performs as a stand-alone ensemble also. Auditions will be held in June, contact Mr. Henderson for details.</p>
Fine Art	<p>PIANO 1-SEMESTER</p> <p>This class is designed for people with little or no musical background. You will learn the essentials of piano performance along with elements of music theory and music history. This elective fulfills the fine arts requirement.</p>
Fine Art	<p>PIANO 2-SEMESTER</p> <p>Prerequisite: Piano 1. This class is designed for people with little or no musical background. You will learn the essentials of piano performance along with elements of music theory and music history. This elective fulfills the fine arts requirement.</p>
Fine Art	<p>THEATER 1 (ACTING)-SEMESTER (no theater performance)</p> <p>Introduction to acting. Open to any student interested in performance. A good way to get experience on stage. Theater games and improvisation start out the course and we end the class with a performance of several short plays.</p>
Fine Art or Occ. Ed	<p>THEATER 9 (PLAY PRODUCTION)-1ST SEMESTER ONLY</p> <p>Students involved in the Fall Play Production. Audition or Permission ONLY.</p>
Fine Art or Occ. Ed	<p>THEATER 10 (MUSICAL)-2ND SEMESTER ONLY</p> <p>Students are involved in the production and performance of the school musical. The class is audition only and does require outside of class rehearsals and performances.</p>
Fine Art or Occ. Ed	<p>THEATRE 6 (TECH)- SEMESTER</p> <p>Theatre 6 (Tech) is open to students interested in the behind the scenes work of putting together a production. Students will learn many aspects of technical theater including lighting, set design and costuming. Students are required to meet outside of school during certain times of the course. Contact Heidi Oveson prior to registering: hloveson@seattlschools.org</p>
Fine Art	<p>GITAR 1 – SEMESTER</p>

	Introduction to guitar and music theory. Intended for students with little to no musical background.
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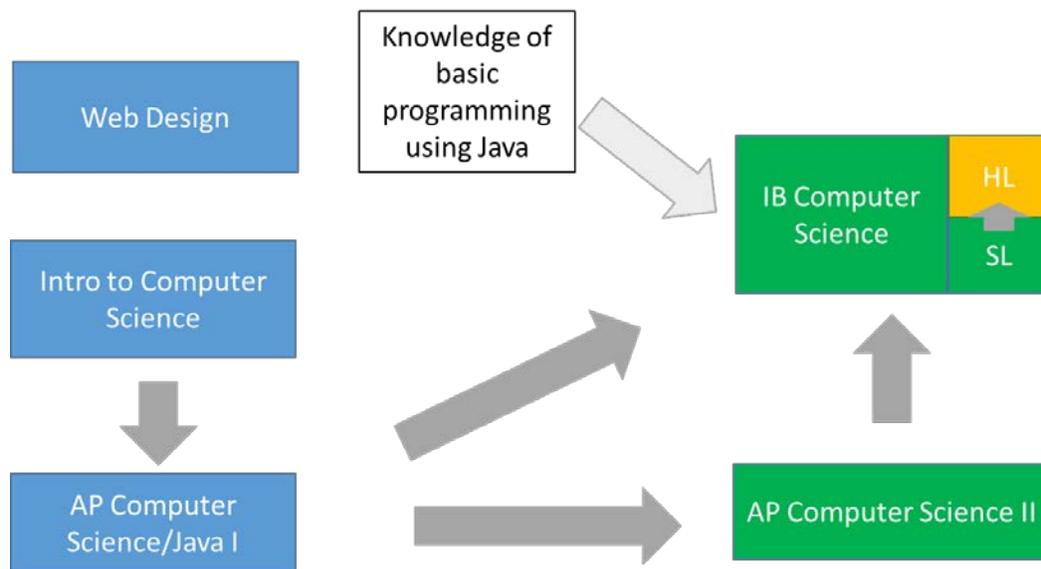
Business and Technology Department

Occ. Ed.	<p>COMPUTER APPLICATIONS 1-SEMESTER</p> <p>This course prepares students to perform basic data and text entry using Microsoft Office Suite programs. The course includes instruction in personal computer and workstation operation, reading draft texts and raw data forms, and various interactive software uses for tasks such as word processing, spreadsheets, and presentations. An advanced keyboarding skill program is also available. Computers as tools, not toys.</p>
Occ. Ed.	<p>INTRO TO COMPUTER SCIENCE</p> <p>Intro to Computer Science offers students a hands-on introduction to computer science. Topics include basic programming concepts, Computer hardware and software basics, Security/Privacy/Societal Impact of Computing, and Computational thinking. Students learn basic programming constructs using a block-based graphical interface (SNAP!) to translate their ideas into code. Prerequisite: Algebra 1.</p>
Occ. Ed.	<p>JAVA 1</p> <p>Java 1 is equivalent to the first semester of AP Computer Science - an introduction to college-level/professional computer science using the Java programming language - and is of equivalent difficulty. Topics include Java programming syntax, procedural decomposition, variables and data types, iteration, conditionals, arrays and lists, and object-oriented programming basics. Prerequisites: Previous programming experience or Geometry</p>
Occ. Ed.	<p>YEARBOOK (PUBLISHING) 1/2 and 3/4-YEAR</p> <p>Work with your Ingraham peers to create the document of record for each school year. Students will create, manage and publish a product (the IHS Yearbook) under the setting of an actual business. Skills taught and utilized are graphic design, publication layout, photography, copy writing and business management. Experience a production environment and be part of creating something that will last forever. Admittance to yearbook class is by faculty approval only. Yearbook 3/4 is only open to previous Yearbook 1/2 students.</p>
Occ. Ed.	<p>AP COMPUTER SCIENCE</p> <p>This course is a yearlong introduction to college-level/professional computer science using the Java programming language. Curriculum covers core computer science/programming concepts and prepares students for AP Computer Science Exam.</p>

	Roughly based on the UW CSE 142 curriculum. Prerequisites: Previous programming experience or Geometry
Occ. Ed.	<p>IB BUSINESS AND MANAGEMENT A/B SL-YEAR*</p> <p>Business Management is open to all students (IB and non-IB) as an SL course focusing on basic management concepts case study of strategic/management issues faced by companies and organizations. The course includes 1) Business organization and entrepreneurship 2) Human Resources 3) Finance 4) Marketing and 5) Operations Management. Learning tools/applications include Internal Assessment Essay writing and guest visitation discussions with local business professionals. Business Management is a natural progression from Marketing 1 (although Marketing 1 is not a requirement.</p>
Occ. Ed.	<p>IB COMPUTER SCIENCE A/B and C/D-YEAR*</p> <p>A year- long breath-first study of college-level computer science preparing students for the IB Computer Science SL or HL exam. In addition to basic and intermediate programming concepts, topics covered over the two-year HL course include systems fundamentals, computer organization, networking basics, advanced data structures and object-oriented programming, resource management, real-time control, and a case study. In addition, student must acquire knowledge to develop and program his or her own dossier. Prerequisite: Completion of Java 1 or first semester of AP Computer Science or equivalent.</p>
Occ. Ed.	<p>GRAPHIC PRODUCTION AND COMPUTER APPLICATIONS</p> <p>A course that combines Graphic Design, Advertising and computer software applications. Students will learn digital-based design principles and professional document generation using computer-based software. Tools will include Microsoft Suite, Google G Suite and Adobe (Photoshop and InDesign). This is an excellent course for students planning to take yearbook/Publications or for any publication application (business advertising, presentation, resume building. The course culminates in a project to refresh/re-design of the entire graphic package for an actual business.</p>
Occ. Ed.	<p>MARKETING 1</p> <p>Over 70% of all jobs have a marketing component. These courses explore the marketing practices and principles at both the retail and industrial level to give students an overview of the importance of marketing in the business world. Students will practice learned skills through simulation-based projects and interaction with local guest business professionals.</p>

Occ. Ed.	<p>WEB DESIGN – SEMESTER</p> <p>Web Design is a survey course that offers students a hands-on introduction to a variety of technology and techniques used to develop web sites with an introduction to networking and Internet technologies. Students learn the technical fundamentals (HTML, CSS, and Image Editing) of all web sites and learn to use advanced tools to develop their own public-facing web sites. (note there is no web design II)</p>
Occ. Ed.	<p>AUTO TECHNOLOGY 1-SEMESTER</p> <p>How to take care of your automobile on the interior and the exterior. This class includes servicing the motor and the basic information of auto care. The class will be 1/3 class time and 2/3-lab time.</p>
Occ. Ed.	<p>AUTO TECHNOLOGY 2 (Pre-requisite of Auto 1)</p> <p>How the four-stroke engine works, and includes fuel feed systems, ignition systems, all performed in the lab. Rebuild a Briggs @ Stratton engine, measuring all components, cleaning all parts, and replacing parts as needed. The engine must run when finished. Upon completion of small engine, the student starts on a full size auto engine.</p>
Occ. Ed.	<p>AUTO TECH ADVANCED-YEAR</p> <p>Will learn systems in-depth, such as brakes, electrical, suspension, engine performance and drivability.</p>
Occ. Ed.	<p>ENTERTAINMENT AND SPORTS MARKETING</p> <p>This course focuses on Marketing fundamentals in the Entertainment and Sports industries. Modules include customer-targeting, surveying, pricing, and advertising of professional/collegiate athletics and cinema, television, radio, music and theater. Students will practice learned skills through simulation-based projects and interaction with local guest business professionals.</p>

Ingraham High School Computer Science 2017-18



Web Design, Intro to Computer Science, and Java I are available to freshmen during elective selection

AP Computer Science is a one-year course; only the first semester (or equivalent) is required for IB Computer Science.

Course Descriptions

- Web Design is a survey course that offers students a hands-on introduction to a variety of technology and techniques used to develop web sites with an introduction to networking and Internet technologies. Students learn the technical fundamentals (HTML, CSS, and Image Editing) of all web sites and learn to use advanced tools to develop their own public-facing web sites.
- Intro to Computer Science offers students a hands-on introduction to computer science. Topics include Computer hardware and software basics, Security/Privacy/Societal Impact of Computing, and Computational thinking. In addition, students learn to basic programming constructs using a block-based graphical interface to translate their ideas into code.
- AP Computer Science is a yearlong introduction to college-level computer science using Java. Curriculum is based on UW CSE 142 and prepares students for the AP Computer Science exam. Java I is roughly equivalent to the first semester of AP Computer Science and of comparative difficulty.
- IB Computer Science SL/HL: A year-long breath-first study of college-level computer science preparing students for the IB Computer Science SL or HL exams. Prerequisite: First semester of AP Computer Science, Java 1 or equivalent. IB CS HL students must take a year of IB CS SL.

Questions: Please e-mail lgtanimoto@seattleschools.org

Family and Consumer Science Department

Occ. Ed.	<p>FAMILY HEALTH –SEMESTER</p> <p>Family Health focuses on making choices for healthy lifestyle-preparing students for lifelong decision-making, problem solving, critical thinking, and management skills related to health and wellness issues influencing families. Topics include wellness, fitness and nutrition, mental health, substance abuse, human sexuality, preparing communicable diseases and other current health and wellness issues. Course content encourages a healthy lifestyle for each individual so that family life and communities can remain strong. Tech Prep credit available for HIV/AIDS. *Counts for health requirement</p>
Occ. Ed.	<p>FAMILY RELATIONS-SEMESTER</p> <p>This is a comprehensive course covers topics from ‘birth to death’. Some of the topics explored include personality development, stress management, sexuality, communication, understanding emotions, prejudice and discrimination and an intro to psychodynamic psychology. Students will apply practical family psychology information into their everyday lives. *Counts for health requirement</p>
Occ. Ed. Science	<p>NUTRITION & WELLNESS -SEMESTER</p> <p>Nutrition and Wellness is a comprehensive course, which focuses on issues and topics related to planning, management, meal preparation, nutrition, science and technology, food handling and safety. Students will be aware of the entry-level job skills required in the food industry and will have lab experiences to practice these skills. Students have the opportunity to prepare for their Food Handlers Card Certification. *DOES NOT count for health requirement</p>
Occ. Ed.	<p>HUMAN DEVELOPMENT-SEMESTER</p> <p>This is an in depth study of human growth and development across the lifespan. Students will become more aware of the ages and stages of child to adult, and birth to aging. Students will simulate the responsibility and care of an infant through the use of the Real Care Babies, our infant simulators. Student involvement includes directed activities, article reviews, reports, speakers, interviews and field trips; as available. Career awareness is included in this course. STARS certification is available. *DOES NOT count for health requirement</p>
Occ. Ed. Fine Art	<p>HOUSING AND INTERIOR DESIGN</p> <p>This course has students build upon applied learning from the Arts as students design, furnish, and equip residential, work and other spaces. Students may be eligible for college credit.</p>

Occ. Ed.	<p>INDEPENDENT LIVING-SEMESTER</p> <p>Independent Living is a comprehensive class that teaches you how to get the most out of your money. Learn how to find a job, understand consumer rights and responsibilities, budget and manage your money, move out and rent an apartment, buy a car and cook and prepare nutritious meals on a budget. Through practical application, you will learn how to make wise decisions to become an independent, self-directed person. *DOES NOT count for health requirement</p>
Occ. Ed.	<p>IB PSYCHOLOGY 1/2 SL-YEAR*</p> <p>IB Psychology is a systematic study of human behavior and experience. This class offers the International Baccalaureate candidate a field of study that brings together several academic disciplines. Psychology's reliance upon construction and testing of theories through rigorous empirical investigations has enabled it to develop as a social science quite distinct from neighboring disciplines. Students will conduct psychological research and interpret data to apply knowledge for the benefit of human beings. Attention is given to cultural perspectives and preparation for the International Baccalaureate exams in this one-year course. Students will study the biological, the cognitive and the socio-cultural levels of analysis. *DOES NOT count for health requirement</p>
Occ. Ed.	<p>CULINARY 1A/B-YEAR (PROSTART MODEL 1A/1B (FACSE))*</p> <p>Prerequisite: Nutrition and Wellness. This is an advanced class for students interested in exploring careers in the hospitality or culinary field. If you enjoy cooking and spending time preparing gourmet food for others, this is the class for you. Do national food competition and an opportunity to show off your food creativity peak your interest? This course will prepare students for scholarships, part-time work, and advanced college credit. Students will compile a portfolio displaying skills learned in this class. *DOES NOT count for health requirement</p>
Occ. Ed.	<p>IB PSYCHOLOGY 3/4 HL-YR*</p> <p>Prerequisite: IB Psychology 1/2SL. IB Psychology 3/4HL is the final part in a two-year course sequence that prepares students to take the IB Psychology HL exam. Seen through three levels of analysis and two optional areas of focus (at the Higher Level) Psychology offers the International Baccalaureate candidate a field of study that brings together several academic disciplines. Individuals will design and conduct psychological experiments and report findings. Qualitative in addition to Quantitative research methods will be used. *DOES NOT count for health requirement</p>

Fitness Department

PE	<p>PERSONAL FITNESS-SEMESTER</p> <p>This course will be the first physical education course taken before any elective/choice physical education courses are taken. This course will be one of the three required physical education classes needed for graduation, and is the class to which students meet the PE Competency requirement.</p>
PE	<p>LIFETIME ACTIVITIES 1-1ST SEMESTER</p> <p>Students will develop an understanding of the importance of lifelong fitness and learn to implement a self-directed personal program using exercise and nutrition as its core. Activities will center on individual and dual sports. Prerequisite: Successful completion of Personal Fitness; see below.</p>
PE	<p>TEAM SPORTS 1-2ND SEMESTER</p> <p>This class is designed to increase students' physical, intellectual, and social development through participation in several team sports. Increasing physical fitness will also be a focus. Prerequisite: Successful completion of Personal Fitness; see above.</p>
PE	<p>WEIGHT TRAINING AND CONDITIONING 1-SEMESTER</p> <p>Weight training continues the goal setting and fitness measurements while supporting a record keeping element to analyze personal behavior. The program is customized to meet individual student's personal needs.</p>

Miscellaneous Electives¹⁸

Occ. Ed.	LEADERSHIP-SEMESTER 1 and SEMESTER 2* Student Government-cross credited for CTE credit. Election process required.
N/A	TEACHER ASSISTANT-SEMESTER- .25 Credit Student performs a valuable service within the schools in assisting staff.
N/A	LIBRARY ASSISTANT-SEMESTER- .25 Credit As a Library Assistant, you will have a chance to work with the staff of Ingraham High School, and be trained in basic office skills and delivering messages in the building. You will also learn basic library clerk skills of checking in and out books, shelving books, creating displays, and writing book reviews. You will also work with technology using AV equipment, assisting in setting up equipment and assisting users with their projects on the computers. You will need to be responsible, confidential, have reliable attendance, and have a positive and welcoming attitude while serving students and staff.
N/A	LUNCHROOM ASSISTANT-SEMESTER- .25 Credit Students perform a valuable service within the schools in assisting staff.
N/A	OFFICE ASSISTANT-SEMESTER- .50 Credit As an Office Assistant for Counseling, Attendance or Front Office, you will have a chance to work with the teachers, staff and parents of Ingraham High School. You will be trained in basic office skills and delivering messages in the building and need to be welcoming, positive, responsible, reliable, and confidential in a busy and fun place to work.

¹⁸ Note that students may not request assistant positions on their option sheet. Permission Only.

English Language Learning (ELL) Department

HLA5559 HLA5560	ELL INTRODUCTION TO LITERATURE AND COMPOSITION 9A/B MULTILEVEL-YEAR Students concentrate on reading of texts from different genres, reflecting themes of identity and self-discovery and focus on clear and purposeful writing.
HSS2201 HSS2202	ELL WORLD HISTORY 1/2 MULTILEVEL-YEAR For students at ELL Advanced and below in reading/writing; Chronological (pre-history to 1400s) or regional (Asia) study of geography, history, culture, politics and economics.
HLA5567 HLA5568	ELL WORLD LITERATURE AND COMPOSITION 10 A/B ML-YEAR Students critically read international texts, concentrating on how the human experience is expressed in literature around the world, and then write expository and persuasive texts.
HSS2203	ELL WORLD HISTORY 3 MULTILEVEL-SEMESTER Chronological or regional study of geography, history, culture, politics and economics.
HLA3101 HLA3103	ELL AMERICAN LITERATURE AND COMPOSITION 11A/B ML-YEAR A yearlong course that concentrates on critical readings about the American experience with an emphasis on increased sophistication through reading, writing and speaking.
HSS2204 HSS2205	ELL US HISTORY 11A/B-YEAR Students will review the founding events of the United States. The focus of the course will be geography and post-civil war American history along with Washington State history.
HSS2206 HLA2165	ELL AMERICAN GOVT & ECON A/ELL LA 12A MULTI-LEVEL-YEAR For students at ELL Advanced and below in reading/writing. Focus on the US government, economic system, and civic involvement. For students at ELL Beginning through Advanced, focus on literature and on skills required for senior project & post-secondary level work.
HLA2083	ELL 1 BASIC-SEMESTER For students who need support with Basic Skills.
HLA2085	ELL 3 ADJUNCT-SEMESTER For advanced students, with focus on skills needed to pass State and college entry tests.

Community Based Training (CBT) Department

The Community Based Training Department (CBT) offers a full schedule of academic classes. All academic classes are taught with a modified curriculum for students with special needs. Courses that do not have descriptions below can be found on previous pages. Grade Levels for courses, if needed, are determined on an individual basis. Course codes and signups are determined through guidance of instructors.

AMERICAN GOVERNMENT AND ECONOMICS-M-L- SEMESTER
ART-M-L- SEMESTER Individual and group projects based on the personal needs, abilities and interests of students. Visual communication experiences using the techniques of drawing, painting, sculpture, 3D design, printmaking, graphic design photography, filmmaking and crafts.
BASIC MATH 1-M-L- SEMESTER Practical use math instruction in adding, subtracting, multiplying and dividing.
BASIC SKILLS SOCIAL STUDIES-M-L- SEMESTER The student will be able to apply social studies skills; will be able to show knowledge of significant persons, groups, places, events, vocabulary, and concepts.
BIOLOGY 1/2M-L- SEMESTER
DRAMA-M-L- SEMESTER Intro and development of the physical, verbal and intellectual skills necessary for acting.
GENERAL MATH 1-M-L- SEMESTER
GENERAL STUDY SKILLS-M-L- SEMESTER
INDIVIDUAL READING-M-L- SEMESTER
LANGUAGE ARTS 9A/B-M-L- SEMESTER
LANGUAGE ARTS 10A/B-M-L- SEMESTER
LANGUAGE ARTS-M-L- SEMESTER
LANGUAGE ARTS 12-M-L- SEMESTER

LIFE SCIENCE-M-L- SEMESTER
LIFE SKILLS-M-L- SEMESTER
MATH BASIC SKILLS-M-L- SEMESTER
MATH FOR DAILY USE-M-L- SEMESTER
PE-M-L- SEMESTER This course is a physical education offering designed to meet the interests and needs of students. The teaching strategies employed are both group and individual; to provide each student the opportunity for maximum skill development and personal fitness.
PHYSICAL SCIENCE-M-L- SEMESTER
READ SKILL BASIC-M-L- SEMESTER
SCIENCE SURVEY-M-L- SEMESTER This is an introductory physical science laboratory course. The themes of the course are to gain knowledge on how a scientist works; development of evidence for a scientific model of matter; and determination of the interrelatedness of energy to matter.
TRANSITION PROGRAM-M-L- SEMESTER The transition program provides a coordinated set of activities for 18 to 21 year-old special needs students. The activities include integrated employment, supported employment, vocational training, continuing and adult education, coordination of meetings with adult service agencies, parent and staff implementation agencies, parent and implementation of IEP/ITP goals and objectives, transit training, and participation in community recreation/leisure activities.
US HISTORY 11A/B-M-L- SEMESTER
WORLD GEOGRAPHY-M-L- SEMESTER
WORLD HISTORY 1M-L- SEMESTER
WORLD HISTORY 4M-L-SEMESTER This course emphasizes current foreign issues and investigates the historic and political causes of current problems.

IEP (Special Education) Department

The IEP (Special Education) Department offers a full schedule of academic classes, taught with modified curriculum for all students with Individualized Educational Plans (IEP). Courses that do not have a description below can be found on previous pages. Grade levels for courses are determined on an individual basis. Course codes and sign-ups are determined through guidance of instructors.

ALGEBRA 1 A/B-M-YEAR
<p>AMERICAN GOVERNMENT AND ECONOMICS-M-SEMESTER</p> <p>This course is designed to provide and understanding of the development of the American form of government, it workings today, and its increasing complexities.</p>
<p>ECOLOGY 1-M-SEMESTER</p> <p>Ecology is a course with emphasis on lab investigation to develop an understanding of the relationship of living things to their environment; man’s impact on the planet; ecological problems; and each person’s responsibility to minimize their negative impact.</p>
<p>GENERAL STUDY SKILLS-M-SEMESTER</p> <p>Students will learn and put into practice study strategies that will assist them in their core classes. The focus will be on learning styles, goal setting, avoiding procrastination, improving memory skills, time management skills, not-taking skills, test-taking skills, and improving math study skills. Students will also have the opportunity to work on assignments from other classes and be successful in them.</p>
GEOMETRY A/B-M-YEAR
<p>LANGUAGE ARTS 9 A/B-M-YEAR</p> <p>Students will develop their skills as writers, readers, and speakers. Students will write in all modes— narrative, expository, persuasive, descriptive, compare and contrast, and process essay with emphasis being placed on HSPE readiness. Students will learn a variety of texts. A book of 100+ pages, student’s choice, at the student’s reading level, is required and a report will be created using a format provided by the teacher. Students will participate in the 9th Grade Research Fair and maintain a composition book.</p>
<p>LANGUAGE ARTS 10 A/B-M-YEAR</p> <p>Students read international texts. The course concentrates on critical reading of how the human experience is expressed in literature from around the world.</p>
LANGUAGE ARTS 11A/B-M-YEAR

<p>This course focuses on improving skills in the use of grammar, punctuation, writing, communication, sentence and paragraph development, research, and projects. This enables students to improve their critical and analytical thinking skills, work in small cooperative learning groups, and receive individual assistance from the instructor.</p>
<p>LANGUAGE ARTS 12 M-SEMESTER</p> <p>The task/goal of this course is to show your audience the skills they have learned throughout the four years of high school in one grand assignment. Students will select from a number of subject choices for senior project, as approved by the teacher. Students will demonstrate maturity and capabilities through a research paper, and through a choice of presentations and will end with a terrific sense of accomplishment!</p>
<p>LIFE SCIENCE-M-SEMESTER</p>
<p>LIFE SKILLS-M-SEMESTER</p> <p>The main emphasis is the development of skills all students will need to use in their adult life. It concentrates on communication skills, writing skills, reading skills, analysis skills, conflict resolution, family finances and household budgeting, and planning skills.</p>
<p>READ SKILL BASIC-M-SEMESTER</p> <p>This course focuses on developing and applying skills and knowledge in reading.</p>
<p>U S HISTORY 11 A/B-M-YEAR</p>
<p>WORLD HISTORY 1/2-M-YEAR</p>
<p>WORLD HISTORY 3M-SEMESTER</p>

Questions and Answers about Ingraham

TRANSPORTATION TO INGRAHAM

Ingraham students who live more than two miles away from our campus are given pre-paid ORCA cards to travel to and from school via King County Metro. Morning and Afternoon yellow buses are offered to supplement this service for all students with no proof of eligibility required. Students who are on Free and Reduced Lunch are eligible for the pre-paid ORCA card if they live more than one mile away.

See the Ingraham counseling Weebly for the Shuttle Schedules

START AND END TIME FOR INGRAHAM

Ingraham's academic day lasts from 8:45am to 3:15. Due to the later start time, we are unsure of the timing for lunch, break, and class periods. We will update you as we solidify the schedule. Thank you for your patience.

ADDITIONAL QUESTIONS?

Any questions you didn't get answered? Visit our counseling Weebly!
<http://ingrahamhsseattleschoolsorgmodul.weebly.com/>

You can also contact any of the counselors or administrators. Go Rams!

IB QUESTIONS?

GUY THOMAS
IB COORDINATOR

Tel 206-252-3923

Fax 206-252-3881

gathomas1@seattleschools.org

Welcome to the Ingraham Family!

Thank you for taking the time to explore the courses, programs, and services offered at Ingraham International High School. We hope to hear from you in the near future regarding any unanswered questions you may have. We hope we can help make your high school experience as easy and enjoyable as possible.

MARTIN FLOE INGRAHAM PRINCIPAL	JOHN HOUSTON ASSISTANT PRINCIPAL A-L	CATHY THOMAS ASSISTANT PRINCIPAL M-Z
Tel 206-252-3886 Fax 206-252-3881 mfloe@seattleschools.org	Tel 206-252-3882 Fax 206-252-3881 jmhouston@seattleschools.org	Tel 206-252-3885 Fax 206-252-3881 cthomas@seattleschools.org
LEANNE HUST INGRAHAM COUNSELOR (LAST NAMES A-GL)	JENSEN BONNEY INGRAHAM COUNSELOR (LAST NAMES GO-N)	ANGIE ALLEMAND INGRAHAM COUNSELOR (LAST NAMES O-Z)
Tel 206-252-3892 Fax 206-252-3881 lkhust@seattleschools.org	Tel 206-252-3894 Fax 206-252-3881 jtbonney@seattleschools.org	Tel 206-252-3906 Fax 206-252-3881 ajallemand@seattleschools.org
MARY SMITH MAIN OFFICE MANAGER		
Tel 206-252-3888 Fax 206-252-3881 msmith@seattleschools.org		

School Information

Counseling Secretary: **Nif Unterschute** (Tel: 206.252.3895 or Email: wjunterschute@seattleschools.org)

Athletic Secretary: **Maria Medina** (Tel: 206.252.3889 or Email: mmedina@seattleschools.org)

Registrar: **Robin Beaupre** (Tel: 206.252.4001 or email rbeaupre@seattleschools.org)

Ingraham International High School

1819 N. 135th Street, Seattle, WA 98133

Tel 206-252-3880

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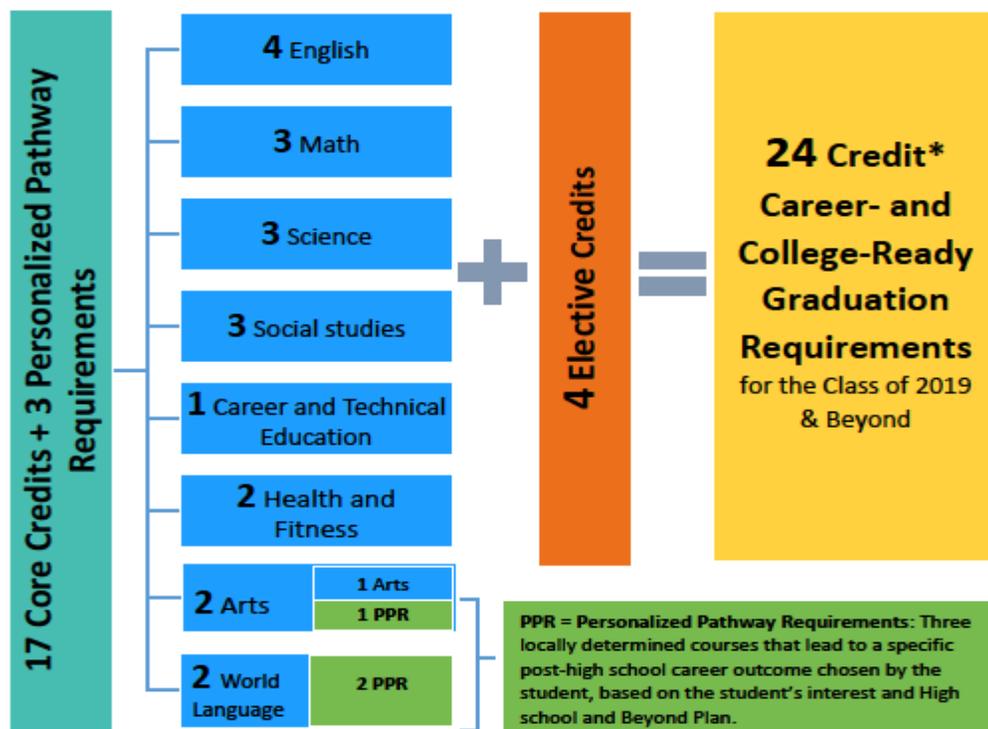
<http://ingrahamhsseattleschoolsorgmodul.weebly.com/>

Class of 2021 Graduation Requirements

24-Credit Career- and College-Ready Graduation Requirements:

How Do the 24-Credit Graduation Requirements Add Up?

$$17 + 3 + 4 = 24$$



*For individual students, 2 credits may be waived: A district must adopt a written policy to waive up to 2 credits of the 24, based on the student's 'unusual circumstances.'

Required State Exams for Each Grade Level:

<u>9th – Class of 2021</u> SBA for ELA SBA for Math EOC for Biology	<u>10th – Class of 2020</u> SBA for ELA SBA for Math EOC for Biology	<u>11th – Class of 2019</u> SBA for ELA SBA <u>or</u> EOC for Math EOC for Biology	<u>12th – Class of 2018</u> SBA for ELA SBA <u>or</u> EOC for Math EOC for Biology
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