

WELCOME BACK

School Year 2024-2025

Level: Terminale (BF)







The Secondary Director, Philippe Vanhille oversees all academic and administrative programs from 6ème to Terminale. He works closely with teachers, students and administration staff.



The Deputy Director and IB
Coordinator, Sandra Percy organizes
the school year calendars, manages
Pronote, works with IB teachers, and
organizes IBO exams and
accreditations.



The Assistant of the Secondary Director,
Daraya Djiddi is the essential link between
families, teachers, and the Secondary
Director. She also handles all
administrative aspects of the Secondary
school.



The Vie Scolaire Manager, Rhonda
Trad organizes students' lives outside
of the classroom and ensures that
school rules are respected. Her team
facilitates dialogue between families
and staff, participates in class councils,
and trains student delegates.

WHO'S WHO AT FOREST?



Important Info (T1)



Conseils de classe Trimester 1

• End of the Trimester: November 8 Conseils de Classe: Week of November 11

Delegate elections

Week of October 7



Parent-Teachers Conferences

Q&A for Terminale parents: November 6

Vacations and holidays

Labor Day: September 2th

Fall Break: October 21-25

• Thanksgiving Break: November 27-29



The Professeur(s) Principal(aux)

Teachers:

M. Brettnacher



Mme Seddiki



M. Ginoux

Missions (not limited to)

- Liaises between the teachers and the families;
- Prepare and Facilitates the Conseil de Classe of his/her homeroom class;
- "Teaches" the Vie de Class hour;
- Handles small class problems;
- Organize student's delegates election;
- Communicate important information to parents and students;
- Communicate with families when students have learning difficulties



Basic class rules

- Food, drinks are not permitted in class;
- Phone and smart watches are not permitted to use during class.
- Hat and hoodies and earbuds must be removed in class;
- The use of personal computers (high school) must be limited to class work.
- Students are encouraged to go to the bathroom before and after class.
- Food delivery should be discussed with Vie Scolaire before ordering.





COMMON CORE





PHILOSOPHY



Subject & Teachers' name

TEACHER:

Jean-Luc Bouyeure



GENERAL DESCRIPTION OF THE COURSE:

The aim is to help students test and develop their thinking skills against a set of classical questions taken from the history of philosophy.

In the short term, we are preparing for the final exam in late May. There's a choice between three questions, two topic-based and one text-based.

Lofty as it may sound, the final goal is to help instill in our students the transformative, the liberating power of critical thinking.



Curriculum Overview

A set of 17 themes make up the curriculum.

Some of these themes draw on the question of subjectivity (=the conscious, the unconscious, time). Some draw on moral and political questions (=happiness, duty, freedom, justice, the state). Some question our relation to culture (=art, language, nature, religion, work). Some question our relation to knowledge (=reason, science, technique, truth)

All topics and subjects discussed in class are based on the themes. (E.g. Can I hope to be happy if I am not free ? Is inequality necessarily unjust ? Does art always have to promote beauty ?)



Grading & Homework Policy

Grading: Based on drills, written assignments, and, from the second term on, mock exams.

Thinking and writing skills are the main target of the assessment.

However, active participation, consistent effort, good faith and hard work will definitely be rewarded.

Homework: Part of the homework will be assessed and is, for this reason, mandatory.

Recommended readings and research work suggested in order to delve deeper in the class material remain optional. I will always encourage students who are ready for it to be more adventurous!



How to reach us?

For any question, please reach out to us using our email address. We will answer within 48 hours from 8:30 am to 6:00 pm, outside of our class hours!



M. Bouyeure: bouyeurej@rochambeau.org



ENGLISH



Ms. Cakouros



Mr. Moreau



Mr. Leslie



Mr. King





Subject & Teachers' names

TEACHERS:

Advanced - Ms. Cakouros

Honors 1- Mr. Moreau

Honors 2 - Mr. Leslie

BFI - Mr. King

SPE/LLCE - Ms. Finney

GENERAL DESCRIPTION OF THE COURSE:

Year Theme: Pursuing Dreams (and The American Dream)

Focus: Research writing and methods

Students will read and respond to texts such as *The Great Gatsby* and *A Mercy*

BFI: Focuses on in depth literary analysis and preparation for the oral and written exams



Curriculum Overview

- Writing: Students will quote and paraphrase sources, integrating ideas into organized analytical pieces, including <u>research based</u> projects.
- **Reading:** Students will extract quotes that aid in the evaluation of main ideas from a variety of sources, recognizing nuances and bias.
- **Speaking and Listening:** Students will build upon listening and public speaking skills in order to use evidence-based-arguments in engaging discussions, debates, and presentations.
- **BFI**: Exam preparation
 - Oral exam (30 mins 15 min presentation, 5 minute links to other texts, 15 min discussion
 - Written exam (4 hours either 2 x comparative essay or 1 x comparative essay & 1 x commentary)



Grading & Homework Policy

Grading:

Students will be regularly assessed through a variety of formative and summative assignments including:

- Quizzes
- Presentations
- Writing tasks, including research projects and responses to fiction and non fiction texts
- Creative projects

Homework:

 Please review the syllabus/welcome letter given by your student's teacher carefully for specific information on grading, homework policies, and classroom rules/expectations.

Veuillez lire le syllabus donné par l'enseignant de votre élève pour des informations sur la notation, les devoirs et les règles/attentes de la classe.



How to reach us?

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- → Mr. Moreau
 - moreaun@rochambeau.org
- → Mr. Leslie
 - lesliem@rochambeau.org
- → Mr. King
 - kingt@rochambeau.org
- → Ms. Cakouros
 - cakourosc@rochambeau.org
- → Ms. Finney
 - finneye@rochambeau.org



World Languages

- > Arabic
- > German
- > Spanish

Arabic Teacher

German Teacher

Norma Najjar

Sabine Cox



najjarn@rochambeau.org



coxs@rochambeau.org

Isabel Bedoya

Ana Martinez (Head of Department)

Spanish Teachers

Ana Isabel Rodríguez

Claudia Torres



bedoyai@rochambeau.org



martineza@rochambeau.org



rodrigueza@rochambeau.org



torresc@rochambeau.org





Subject & Teachers' names

TEACHERS (T.1, T.2, T.3):

Arabic: Norma Najjar

German: Sabine Cox

Spanish: Isabel Bedoya

Ana Martínez (Head)

Anabel Rodríguez

Claudia Torres

GENERAL DESCRIPTION OF THE COURSE:

The last two years of HS in the BF are a cycle on their own. Students will consolidate their language skills. Students will also expand their knowledge of the history, culture and current affairs of the countries of the target language.

Students are expected to achieve the level B1 (independent user) of the European Framework for the Teaching and Learning of Foreign Languages by the end of Tle in at least 2 of the five skills: reading, writing, listening and speaking and interaction.



Curriculum Overview

The program of both grades revolves around 8 themes but only six need to be covered each year:

- 1. Identities and Exchanges
- 2. Private and Public spaces
- 3. Art and Power
- 4. Citizenship and Virtual Worlds
- 5. Fiction and Reality
- 6. Scientific Innovation & Responsibility
- 7. Diversity and Inclusion
- 8. Territory and Memory

By the end of Tle students must be able to...

Listening: Students are able to understand and synthesize the contents or original videos or recordings from original sources.

Reading: Students are able to understand and synthesize the contents or original texts (literary, journalistic, speeches, etc) from original sources.

Writing: Students are able to communicate in written form using proper language (vocabulary, grammar, sentence structure and style) and to give their opinion on different topics

Speaking: Students are able to communicate orally using proper language (vocabulary, grammar, sentence structure and style) and to give their opinion on different topics



Grading & Homework Policy

Grading:

Students will be tested periodically. Tests will be announced in advance on Pronote. There will be:

- vocabulary and grammar quizzes,
- Bac type exams in reading, writing and listening each trimester.
- oral presentations and projects.
 - If an exam is missed, the student is supposed to take the exam the following class.
 - Extra credits/assignments. We do not give extra credit projects/assignments.
 - Retakes/Devoirs de rattrapage. As a general rule, we do not give retakes.

Homework:

- Short daily homework assignments to reinforce the material studied in class.
- Complete writing, reading, speaking and listening assignments timely **even if the student is absent;** the work can be submitted online (no late work accepted).
- Memorize and go over the material covered in class 10 or 15 minutes every day.



How to reach us?

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Sabine Cox

Norma Najjar

najjarn@rochambeau.org

coxs@rochambeau.org

Spanish:

German:

Arabic:

Isabel Bedoya

bedoyai@rochambeau.org

Ana Martínez (Head) martineza@rochambeau.org

Anabel Rodríguez rodrigueza@rochambeau.org

Claudia Torres

torresc@rochambeau.org





HISTORY & GEOGRAPHY

Terminale

BF - Bac Francais
3 hours/week



Charlotte DELAVALOIRE



Vincent INVERARDI



Myrianne RANCE

BFI - Bac Français Int'l
4 hours/week



Monia HILAL



Will PERCY



Subject & Teachers' name

TEACHERS:

<u>Terminale H/G</u> (Bac Français, 3 hrs)

- Charlotte DELAVALOIRE
- Vincent INVERARDI
- Myrianne RANCE

Terminale H/G BFI

- Monia HILAL (Geography, 2 hrs)
- Will PERCY (History, 2 hrs)

GENERAL DESCRIPTION OF THE COURSE

In high school in the French education system,
History/Geography form ONE mandatory subject taught through
grades 10 to 12.

The History/Geography curriculum aims to help students:

Further their knowledge of historical and geographical analysis & concepts

Develop autonomy, critical thinking, literacy, reasoning, and argumentation







Curriculum Overview



Terminale HISTORY studies world (and US in the BFI) history in depth from the **1930s to the present**, with a focus on the issues of democracy, conflict and conflict resolution, social and cultural change.

- Theme 1 -- Challenges to Democracy, Rise of Totalitarianism, and World War II (1929 1945)
- Theme 2 -- The Post-war Bipolar World and Challenges to Bi-polarization
- Theme 3 -- Economic, political, and social transformations: causes and consequences (1970s-1991)
- Theme 4 -- The world, Europe, and France since the 1990s: cooperation and conflict (non BFI)



Terminale GEOGRAPHY studies world geography in depth, with a focus on **territories** and the issues of **globalization**, **governance**, **territorial planning**, **flows and borders**.

- Theme 1 -- Seas, Oceans: at the core of Globalization
- Theme 2 -- Territorial Dynamics, Cooperation & Tensions in Globalization
- Theme 3 -- The European Union and Globalization: Complex Dynamics
- Theme 4 -- Conclusion: France and its regions in the EU and globalization (non BFI)



Grading & Homework Policy -- Bac Francais (non-SIA)

Grading:

- Class participation & in-class
 work: coefficient 1
- Homework: coefficient 1
- Assessments (quizzes, tests, presentations): coefficient 2

Assignments:

- Students are expected to review & preview lessons during the week.
- All assessments are notified at least one week in advance.



Grading & Homework Policy -- BFI

Grading:

- Class discussion & in-class work:
 20%
- Homework: 30%
- Assessments (quizzes, tests): 50%

Assignments:

- Weekly assignments in order to prepare for class, review, practice writing and analysis, and assimilate content progressively.
- All assessments are notified at least one week in advance.
- Tests follow the format of the written and oral exams.



How to reach us?

For any question, please reach out to us using our email address. We will answer within 48 hours from 8:30 am to 6:00 pm, outside of our class hours!



Eric Archer (Head of Department): archere@rochambeau.org

Charlotte Delavaloire: delavaloirec@rochambeau.org

Monia Hilal: hilalm@rochambeau.org

Vincent Inverardi: inverardiv@rochambeau.org

Will Percy: percyw@rochambeau.org

Myrianne Rancé: ranceseverinm@rochambeau.org



SCIENCES



Subject & Teachers' name

Physics teacher
P. Escalant



Biology Teacher Thomas GINOUX



GENERAL DESCRIPTION:

- 2 hours per week: one in Physics, and one in Biology, 2 years curriculum.
- No final exam for Baccalauréat, but grades during the 2 years do count in the final average.
- For students without any science Speciality, the grade in this class will be very important in order to have a good record for USA/Canada/UK Universities!!



Curriculum Overview

Theme 1: Science, climate and society

- Energy, development choices and climate future
- **Earth atmosphere and Life**
- Complexity of the climatic system
- Climate for the future

Thème 2: The future of energy

- > Two centuries of electric power
- Electricity assets
- > Optimization of electricity transmission
- > Energy choices and impacts on societies

Theme 3 : Life history

- Biodiversity and its evolution
- > Evolution as a grid for reading the world
- Human evolution
- > Demographic models
- Can human beings externalize their intelligence?

SVT teachers
SPC teachers



Grading & Homework Policy

Grading:

- 3 tests per trimester: one in Physics,
 one in Biology, and one common 2
 hours test on both subjects.
- Tests are <u>MANDATORY</u>, since they qualify officially for Baccalauréat.

Homework:

- Homeworks should always be done.
- They have to prepare tests in advance.
- Keep their documents up to date.



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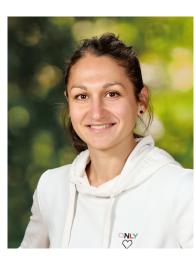
- → M. Ginoux
 - ginouxt@rochambeau.org
- → Ms. Escalant
 - escalantp@rochambeau.org



PHYSICAL EDUCATION



R. Jacquet



J. Brocard



R. Layour



Subjects

Activities to choose from 3 possible options

OPTION 1

Musculation

Volley-ball

2x600m

OPTION 2

2x600m

Musculation

Badminton

OPTION 3

Badminton

Course en durée

Danse















Organization of the curriculum



MEDICAL CERTIFICATE OF PARTIAL FITNESS*
OR TOTAL INABILITY TO PRACTICE THE Physical Education

The new regulations retain the principle of the ability of all students to follow the PE courses.

I, the undersigned	Doctor in medicine,
Place of exercise	
Certifies that he/she has examined the student	
and found that his state of health leads during the period	l from//20 to//20

A partial ability for the practice of Physical Education

This partial ability requires adaptation to the student's possibilities. Indicate what the student CAN DO in a physical practice:

Functions	Possible	Possible but achievable with difficulty	Contraindicates
Walk			
Run			
Jump up			
Launch			
Lift-Wear			
Swimming			

Efforts	Possible	Possible but achievable with difficulty	Contraindicates
Intense			
Moderate			
Of low intensity			

☐ A total inability to practice PE



- Grading:
 - <u>Trimester grade</u>: 1 grade over 20 on pronote
 - <u>Baccalaureate grade</u>: 1 grade over 20 in each activity
- In case of injury : Certificate + make-up test



Grading & Baccalauréat dates

Grading:



- AFL 1 : Performance et technique
- AFL 2 : Analyse et investissement
- AFL 3 : Rôles sociaux



November 5



January 21



April 8



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- → Romain Jacquet : <u>jacquetr@rochambeau.org</u>
- → Justine Brocard : brocardj@rochambeau.org
- → Romain Layour : <u>layourr@rochambeau.org</u>



SPÉCIALITÉS





SPÉ MATHÉMATIQUES



Subject & Teachers' name

TEACHERS



Jennifer FABER



Stéphane Vado

GENERAL DESCRIPTION OF THE COURSE:

The specialization in mathematics in the final year is designed with the following objectives in mind

- Consolidate and extend the knowledge acquired in the first year's specialization, develop a taste for mathematics.
- develop interactions with other specialty courses
- prepare for higher education



Curriculum Overview

Lessons progress like a spiral in order to return repeatedly to concepts, built on five themes

- ALGEBRA AND ANALYSIS
- SPACE GEOMETRY
- PROBABILITIES
- FUNCTIONS
- ALGORITHMIC AND PROGRAMMING
 - **★** PROOFS and ARGUMENTATIONS
 - ★ ORAL and RIGOROUS WRITINGS



Re-activating a skill or method helps students memorise the information on a long-term basis



Grading & Homework Policy

Grading:

Regular tests during the term about every 2 weeks. The program is known.

Two written **mock exams** during the year.

To succeed in Maths:

Students must participate actively and don't hesitate to ask questions.

Homework:

Working regularly is very important

Do research to prepare their "Grand Oral"



How to reach us?

For any question, please reach out to us using our email address. We will answer within 48 hours from 8:30 am to 6:00 pm, outside of our class hours.



→ Mme Faber: <u>faberj@rochambeau.org</u>

→ M. Vado: <u>vados@rochambeau.org</u>



SPÉ PHYSIQUE-CHIMIE



Subject & Teachers' name

TEACHERS:

Johanne DEFERT



Samuel MATHIEU



GENERAL DESCRIPTION OF THE COURSE:

- 6 hours per week, including 2 hours lab experiments.
- Final exam (3hrs30mins) end of May,
 and Lab exam (1hr) just before (coeff.
 16)
- Grand Oral exam, end of year (coeff.10)



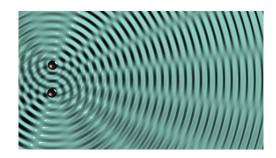
Curriculum Overview

PHYSICS

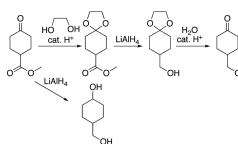
- Waves/particles physics, interferences, diffraction, Doppler, photons
- Newton's laws, Kepler's laws, trajectories calculations, fluids mechanics,
- Optics instruments
- Thermal properties, thermodynamics
 1st principle and ideal gas law
- Capacitors & RC circuits

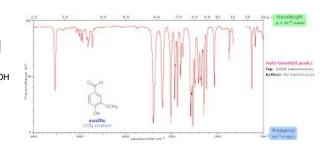
CHEMISTRY

- IR & UV-vis spectroscopies
- Catalysis and reaction rates
- Chemical equilibria and shifts
- Organic chemistry (nomenclature, mechanisms, etc)
- Acido-basic reactions
- Titrations
- Electrolysis
- Nuclear reactions



$$\frac{T^2}{a^3} = \frac{4\pi^2}{GM}$$
 = constante







Grading & Homework Policy

Grading:

- In general, 2 tests in class, always announced 1 week prior, and 1 mock (3h30) per trimester.
- Each test is 1 or 2 hours long (coeff. accordingly).
- Progress in know-how (lab, scientific methods, etc) checked during lab but usually not graded.
- 1 graded mock lab exam before real exam.

Homework:

- ALWAYS look at the SPC material during the week-end.
- Frequent training exercises, posted on Pronote (responsible training by students).
- Ask for help early if things become too challenging.



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- → Mme Defert
 - defertj@rochambeau.org
- → M. Mathieu
 - mathieus@rochambeau.org



SPÉ SCIENCES DE LA VIE ET DE LA TERRE



Curriculum Overview

FIRST PERIOD: Genetics and evolution

Genetics of inheritance and genetic diversity







THE STORY OF EARTH

THE FIRST 4.5 BILLION YEARS, FROM STARDUST TO LIVING PLANET



THIRD PERIOD: From the wild plant to the domesticated plant

FOURTH PERIOD: Human body and health

- Reflex and voluntary movement
- Brain, learning and plasticity
- Glycemie
- Stress







FIFTH PERIOD: The climates of the past



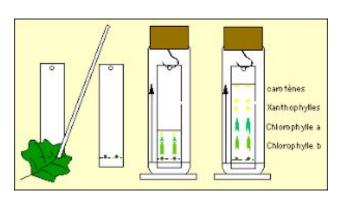
NEW TECHNOLOGIES IN CLASS

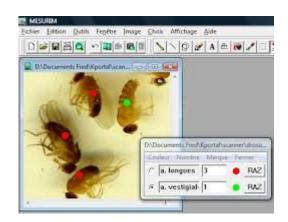
- **Experiments and investigative approach** (make assumptions and test them with experiments)

Using softwares : Scientific softwares and

Google doc/sheet/slide, Microsoft Word, Excel,









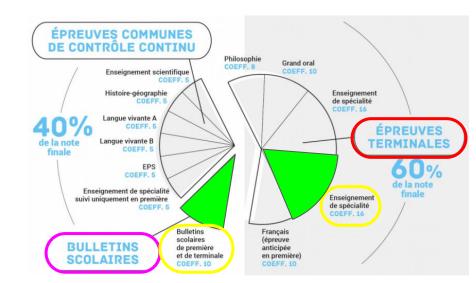
ASSESSMENT & GRADING POLICIES

- Written tests in class, always announced one week at least in advance (at least 3 each trimester)
- Quizzes, written exercises, practical courses graded at any time
- BACCALAUREAT
- ECE (experimental part) 1 h /5
- Final exam (theoretical part) 3.5 h /15
 - Ecrit:Coefficient 16 ("specialty")



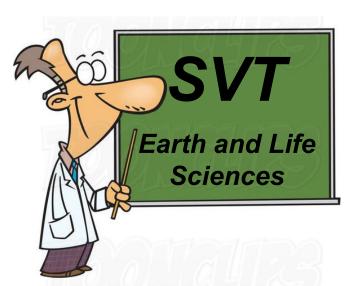








Sébastien BRETTNACHER







BIOLOGY & GEOLOGY's teacher



How to reach us?

For any question, please reach out to us using my email address. I will answer within 48 hours from 8:30 am to 6:00 pm, outside of our class hours!



M. Brettnacher - brettnachers@rochambeau.org



SPÉ SCIENCES ÉCONOMIQUES ET SOCIALES



Subject & Teachers' name

SUBJECT and SES EXAM:

TEACHER:

Nassera KECHEROUD SEDDIKI



- Economics:
- Sociology
- Politics



Epreuve composée ; 3 parts

Knowledge mobilization

To make a choice

Study of a document

Reasoning based on a documentary file



Curriculum Overview

Economics

- Growth
- International trade
- Employment politics
- Financial crisis
- European economic policy

Sociology and politics

- Social stratification
- School social impact
- Social mobility
- Impact of job mutations over society
- Political expression

Crossed looks

- Conceptions of social justice
- Public action for the environment









Grading & Homework Policy

Grading:

Written tests as the Baccalauréat examination will be written:

- Exercises using statistics
- Documents analysis
- Dissertations

Oral examinations in order to prepare for the Grand Oral exam.

Homework:

Training exercises (see Pronote).

Learn the chapters regularly

Research (Grand Oral)

Follow the news



How to reach me?

For any question, please reach out to me using my email address. I will answer within 48 hours from 8:30 am to 6:00 pm, outside of my class hours!



seddikikecheroudn@rochambeau.org



SPÉ HISTOIRE, GÉOGRAPHIE, GÉOPOLITIQUE ET SCIENCE POLITIQUE



Subject & Teachers' name

TEACHERS:

Mme Rancé:



email: ranceseverinm@rochambeau.org

GENERAL DESCRIPTION OF THE COURSE:

- Specialization in history, geography, geopolitics and political science
- Keys to understanding the past and contemporary world in terms of social, political, economic and cultural relations.
- Multidisciplinary approach



Curriculum Overview

6 THEMES

Theme 1: Conquest of new territories (Space and oceans)

Theme 2: War and Peace process

(New types of conflicts and their resolution)

Theme 3: Environment under global pressure

(Exploitation and preservation)

Theme 4: History and Memories

Theme 5: Landmark geopolitical stakes

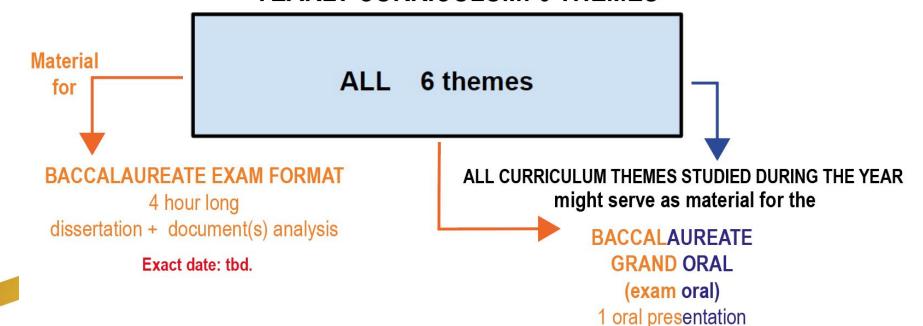
(Definition, preservation and enhancement)

Theme 6: Geopolitical stakes of knowledge



EXAM AT A GLANCE

YEARLY CURRICULUM: 6 THEMES





Grading & Homework Policy

Grading:

- Etude critique de document(s)/Analyzing different type of documents using critical thinking
- Dissertation
- Oral Exams
- written exercises
- Class activities

Homework:

- Learning with regularity
- Research
- In-depth reading
- Training for written exercises
- Reading the news and/or listening to the news



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→ Mme Rance: <u>ranceseverinm@rochambeau.org</u>



SPÉ HUMANITÉ, LITTÉRATURE, PHILOSOPHIE

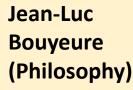




Subject & Teachers' name

TEACHERS:

Anaïs Billard (Literature)







GENERAL DESCRIPTION OF THE COURSE:

One originality of this course is that it is taught collaboratively. It combines a literary and a philosophical approach ... as well as other approaches, inspired by the whole field of the human sciences.

HLP is a demanding subject that helps develop, among other things, the analytical and communication skills of our students.



Curriculum Overview

Two semesters, two topics, two historical periods:

The <u>search for the self</u> in 19th century art, literature and human sciences;

Questioning humanity through the 20th century history of unhinged technical progress and organized violence.







Grading & Homework Policy

Grading: Mock exams and assignments are meant as a preparation for both the oral and written examinations.

The written examination is text based and consists of one philosophical and one literary question. These questions are both interpretive and thematic. The oral examination involves both a research and performance component.

Homework: Students are expected to read the material ...



...and to bring in their best work ethic!





How to reach us?

For any question, please reach out to us using our email address. We will answer within 48 hours from 8:30 am to 6:00 pm, outside of our class hours!



Mme Billard: billarda@rochambeau.org

M. Bouyeure: bouyeurej@rochambeau.org



SPÉ LANGUE ET LITTÉRATURE ET CULTURE ÉTRANGÈRE Monde Contemporain



Subject & Teachers' name

TEACHER: Ms. Finney



GENERAL DESCRIPTION OF THE COURSE:

Taught exclusively in English, LLCER gives students the opportunity to explore the English language and the contemporary anglophone world. Students develop their written and oral communication skills as well as their prowess in reading, research, and critique.



Curriculum Overview

- For six hours each week, students are asked to read, view, and analyze historic, political, linguistic and cultural aspects of anglophone countries throughout the world.
- The Three Themes in Terminale include:

Knowing a society

The production and circulation of knowledge
The promises and challenges of scientific advances

The Environment and Mutation

Frontier and Space

The Protection of Nature

Rethinking the City

The Relation Between World and Mutation

Power and Influence

Rivalries and Interdependence

Common and Diverse Heritage



Grading & Homework Policy

Grading:

Students will be regularly assessed through a variety of formative and summative assignments including:

- Quizzes
- Presentations
- Writing tasks, including research projects and responses to fiction and non fiction texts
- Creative projects
- Film analysis
- Analysis of current events

Homework:

Every week, students read articles, essays, and current events about anglophone countries. Students are also asked to listen to Podcasts and view films and critique these audio-visual sources.

To practice writing skills, students write letters, poems, fiction, non-fiction, critiques, and critical essays.

Students do research to prepare for interviews and debates.



How to reach us?

For any question, please reach out to us using our email address. We will answer within 48 hours from 8:30 am to 6:00 pm, outside of our class hours!



Ms. Finney: finneye@rochambeau.org



CONNAISSANCE DU MONDE BFI



Subject & Teachers' name

TEACHER

Mme Lassus Ph.D



GENERAL DESCRIPTION OF THE COURSE:

CDM = Two Year Program:

Taught in English, this seminar probes the roots of our social compact, linking the history of ideas and political philosophy to contemporary global issues viewed from cross-cultural perspectives.

Three broad themes are considered:

- Thinking about society [penser la société]
- Being a global citizen [habiter le monde]
- Constructing the future [construire l'avenir]



Curriculum Overview

Throughout the year, students work on topics about current events. They will explore controversial issues from multiple perspectives. These may include: Politics, Environmental Studies, Feminism, Immigration, Media bias, Race in America and more particularly this year: the presidential election.

However, in terminale the main goal is to develop a **RESEARCH PROJECT** through a student-shaped partnership with an international institution, scholar, or NGO mentor.

Students are asked to:

- Define a research question and undertake independent research.
- Use a variety of sources of information, identifying different perspectives and evaluating the validity of the arguments and evidence presented.
- Write letters and engage with a relevant international partner: an individual or organisation who can make a contribution towards their research question.



Grading

- → Evaluation throughout the year : research and assignments on the differents topics, public speaking including debate and presentations.
- → Capacity to respect the deadlines of the project (Mock exam in March)
- → MAY 2026 final exam:
 - ◆ 20 mn presentation conducted in English and assessed by a two-person jury. : awarded 20 marks coefficient 20.
 - Evaluation on the processes and procedures the student has been through preparing their project:
 - > Justifying the choice of research question, and how it links to the syllabus.
 - > Evaluating and analyzing sources, including links with international partners.
 - > Explaining and defending the approach and methodology.
 - > Explaining the knowledge and skills acquired during the project.



How to reach us?

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→ Mme Lassus: lassusc@rochambeau.org



ELECTIVES





MATHÉMATIQUES COMPLÉMENTAIRES (Elective)



Subject & Teachers' name

TEACHERS:

Damien Fradet



GENERAL DESCRIPTION OF THE COURSE

The program is organized according to **major themes** of study in which mathematical concepts
are **applied** in various disciplinary fields

No final exam.





Curriculum Overview

$$\frac{\partial}{\partial a} \ln f_{a,\sigma^{2}}(\xi_{1}) = \frac{(\xi_{1} - a)}{\sigma^{2}} f_{a,\sigma^{2}}(\xi_{1}) = \frac{1}{\sqrt{2\pi\sigma}} \int_{\mathbb{R}^{n}} T(x) \int_{\mathbb{R}^{n}} \frac{\partial}{\partial \theta} f(x,\theta) dx = M \left[T(\xi) \cdot \frac{\partial}{\partial \theta} \ln L(\xi,\theta) \right] \int_{\mathbb{R}^{n}} T(x) \int_{\mathbb{R}^{n}} \frac{\partial}{\partial \theta} \ln L(x,\theta) \int_{\mathbb{R}^{n}} \int_{\mathbb{R}^{n}} T(x) \int_{\mathbb{R}^{n}} \frac{\partial}{\partial \theta} f(x,\theta) dx = \int_$$

Topics

- Algebra and Analysis
- Probabilities
- Functions

Themes

- Models of evolution
- Bayesian inference
- Models defined by a function
- Correlation and causality
- Historical approach of the logarithm function
- Repetition of independent experiments, sampling
- Distribution of wealth, inequality
- Area calculations
- Waiting time



Grading & Homework Policy

Grading:

- Non graded assignments and practice
- Short Tests
- Tests of one hour

To prepare for a test, the student should thoroughly review their lessons and independently redo the exercises completed in class.

They should also ask questions and avoid waiting until the last minute to begin their review.

Homework:

- Update notebook of lessons
- Exercises to do







How to reach us?

For any question, please reach out to us using our email address. I will answer within 48 hours from 8:30 am to 6:00 pm, outside of our class hours!



→ M. Fradet: <u>fradetd@rochambeau.org</u>



MATHÉMATIQUES EXPERTES (Elective)



Subject & Teachers' name

TEACHER:

Amélie PIÉTREMENT



GENERAL DESCRIPTION OF THE COURSE:

Enseignement destiné aux élèves qui ont un goût affirmé pour les mathématiques et qui visent des formations où les mathématiques occupent une place prépondérante.

This course is designed for students with a keen interest in mathematics and who are aiming for a course of studies in which mathematics plays a key role.

Pas d'épreuve de baccalauréat pour cet enseignement.

Prise en compte de la moyenne annuelle

dans la note de contrôle continu.

No baccalauréat exam for this course. Annual average taken into account in the continuous assessment grade.



Curriculum Overview

Arithmétique (Divisibilité – Division euclidienne - Congruence - PGCD - Théorème de Bezout – Théorème de Gauss - Nombres premiers - Petit Théorème de Fermat)

Graphes et Matrices (Notion de matrices - Notion de graphes - Chaîne de Markov)

Nombres complexes (Point de vue algébrique - Point de vue géométrique - Nombres complexes et trigonométrie - Équations polynomiales)

Arithmetic (Divisibility - Euclidean division Congruence - PGCD - Bezout's theorem -Gauss's theorem - Prime numbers - Fermat's little theorem)

Graphs and matrices (Notion of matrices - Notion of graphs - Markov chain)

Complex numbers (Algebraic point of view - Geometric point of view - Complex numbers and trigonometry - Polynomial equations)



Grading & Homework Policy

Grading:

Contrôles en classe

Written tests in classes

Exercices notés en classe

Graded exercises in class

Devoirs à la maison non notés

Ungraded homeworks assignment

Homework:

Mathematics.

activement.

Travailler régulièrement : un entraînement régulier est essentiel pour réussir.

Work regularly : practice is key in

Poser des questions, écouter et participer

Ask questions, listen and participate actively.

Prendre des initiatives, faire de son mieux, ne pas avoir peur de faire des erreurs et persévérer.

Take initiative, try your best, don't be afraid to make mistakes and persevere.



How to reach me?

For any question, please reach out to me using my email address. I will answer within 48 hours from 8:30 am to 6:00 pm, outside of my class hours!



→ Mme Piétrement:

pietrementa@rochambeau.org



US MATH (Elective)



Subject & Teachers' name

TEACHERS:

Guy Nicholson



GENERAL DESCRIPTION OF THE COURSE:

The US Math program was created to roughly emulate the types of mathematics learned in a typical US high school or middle school for each respective grade level (7th-12th).

Goals:

- Familiarize students with the mathematics curriculum commonly taught in the United States.
- Help students articulate their mathematical reasoning in English.
- Prepare students for various standardized exams.



Curriculum Overview

This year we will be covering the following topics (complete syllabus on google classroom):

- Differentiation techniques and applications of derivatives.
- Integration and applications of integrals.
- Differential equations.
- Infinite sequences and series.



Grading Policy

Grading:

The grading is very straightforward! There is one graded homework assignment per week. It is due at the beginning of class one week from the day it was assigned. There are no graded assignments given over holidays and breaks.



How to reach us?

For any question, please reach out to us using our email address. We will answer within 48 hours from 8:30 am to 6:00 pm, outside of our class hours!



→ Guy Nicholson: <u>nicholsong@rochambeau.org</u>



LANGUES ET CULTURES DE L'ANTIQUITÉ - LATIN (Elective)



Subject & Teachers' name

TEACHERS:

M. Lepetit

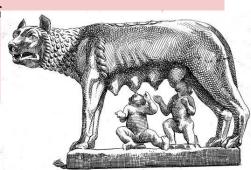


GENERAL DESCRIPTION OF THE COURSE:

Acquire elements of literary, historical and artistic culture

Read, understand, translate, interpret

Understand how language works





Curriculum Overview

- Ancient wisdom lessons
- Understanding the world
- Invent, create, manufacture, produce
- Mediterranean: the presence of ancient worlds





Grading & Homework Policy

Grading:

- Theme and version
- Knowledge tests

Homework:

- Presentations
- Readings



How to reach us?

For any question, please reach out to us using our email address. We will answer within 48 hours from 8:30 am to 6:00 pm, outside of our class hours!



- → M. Lepetit
 - lepetitf@rochambeau.org



THÉATRE (Elective)



Subject & Teachers' name

TEACHERS:

Marylène Roberti



GENERAL DESCRIPTION OF THE COURSE:

Stage work: improvisation, acting, staging

Getting to know yourself and others better through the interpretation of a character

Literary culture: Reading and acting to better understand the meaning of a text, learn to analyze a play

Theater project :

Artist in residence: Andre Nerman will present *La chute* by Albert Camus and run a practical theater workshop.



Curriculum Overview

- Stage work on texts from the 17th to the 21st century: from Moliere to Lagarce.
- Constant to-ing and fro-ing between text and stage, to understand how theatrical play can interrogate the text and open up new horizons of interpretation.
 - o 17th century: Molière, Extracts from *Dom Juan, Tartuffe, Le malade imaginaire, Les femmes savantes*
 - o 18th century, Beaumarchais, Extracts from Le mariage de Figaro
 - 19th century, Alfred de Musset, Extracts from Les caprices Marianne
 - o 20th century, Albert Camus, *La chute, Caligula* and *Les Justes*



Grading & Homework Policy

Grading:

Involvement in the theatrical project, acting proposals and listening to others are assets that are valued in the assessment, which is based essentially on stage work.

Homework:

Learning the text will be demanding and spread out over time.

Each student will be asked to keep a log of all activities carried out during the course.



How to reach us?

For any question, please reach out to us using our email address. We will answer within 48 hours from 8:30 am to 6:00 pm, outside of our class hours!



Mme Roberti: robertim@rochambeau.org



Cinéma-Audiovisuel (Elective)



Subject & Teacher's name

TEACHERS:

Virginie Morisset



Mathilde Hottelart



GENERAL DESCRIPTION OF THE COURSE:

The Cinema elective is a two-hour per week arts program intended for 10th, 11th and 12th grade students. It is a series of courses in film analysis and video and photographic work.

The program is a dual introduction to film, including a viewer's approach to films of all genres, and to films from the perspective of camera operator, sound operator, director, and editor.

Genres, movements, cinema history

Analysis & writing of critiques

Practice & production of short films



Curriculum Overview

UNDERSTANDING Movies

Historical, technical and aesthetic review of the beginning of cinema, the search for ways to best capture movement and reality, the debate between the "Lumière approach" and the "Méliès approach", industrialization, the transition from silent to sound and the resulting controversy, the evolution of film in the 1940's and 50's.

ANALYZING Movies

Analysis of all the elements that make a movie (colors; sounds; light; dialogues; acting, etc.) and the theory behind each component.

Students watch and analyze sequences and full movies.

MAKING Movies

Students follow the writing process from researching ideas to building a narrative structure, creating characters, choosing sets. The unit's goal is to assist students in designing their films while at the same time providing them with key concepts in film analysis.





Grading & Homework Policy

Grading:

- Class discussion & in-class work: coefficient 1
- **Critiques:** coefficient 1
- Tests, presentations,productions/projects: coefficient 1

Work & Equipment:

- All assessments are notified at least one week in advance.
- Filming and editing are done at school with the Cinema Department's film equipment.
- Equipment includes: light and semi-professional cameras; control screens; tripods; mini dollies; stabilizers; lighting gear...



How to reach us?

For any question, please reach out to us using our email address. We will answer within 48 hours from 8:30 am to 6:00 pm, outside of our class hours!



Mme Morisset: morissetschusterv@rochambeau.org

Mme Hottelard: hottelartm@rochambeau.org



ARTS PLASTIQUES Elective



Subject & Teachers' name

TEACHER:

Mme Angoulvant



GENERAL DESCRIPTION OF THE COURSE:

Objectives:

- to develop the student's plastic and artistic practice
- to enrich their artistic culture and broaden their cultural representations
- to accompany students in the choices they make concerning their training at the lycée and their orientation towards higher education



Art Journal

Students must show evidence of regular use of the arts process journal. The journal itself is regarded as a fundamental activity of the course. While legibility is important, the recording of critical and creative thinking and reflection is more important than neatness and presentation.

Much of the work done will be done outside of class, as homework. The art journal is submitted to my review for evaluation. Class time will be reserved for studio work; presentations and demonstrations; and critique of student work.

Museum visits

Visit report - Students are encouraged to visit art exhibitions or art museums every trimester and to prepare a written report including photos of the exhibition and references to other works of art.

Ideas of museums to visit.



Grading & Homework Policy

Grading:

Students have to submit their art journal to my review twice in a trimester to get a grade on 3 criterias:

- Investigating in the Art world / Art history
- Developing art techniques / Exercises
- Creating and reflecting on a project

Homework:

Students are encouraged to work in their art journal, experimenting, recording, observing and motivating themselves as they see their skills and ideas improve.



How to reach us?

For any question, please reach out to us using our email address. We will answer within 48 hours from 8:30 am to 6:00 pm, outside of our class hours!



Mme Angoulvant

angoulvanth@rochambeau.org



Bonne rentrée!