

Graduation Requirement Information for Scheduling Support

Larry A. Ryle High School

Course Types

■ Academic

- GPA: 4.0

■ Honors

- GPA: 4.5

■ Advanced Placement (AP)

- GPA: 5.0

■ Dual Enrollment

- GPA: 5.0

22 Minimum Graduation Requirements

- **English- 4** credits (only 1 per year)
- **Math- 4** credits (at least 1 per year)
- **Science- 3** credits
- **Social Studies- 3** credits

* **English Electives:** Oral Communications, Publication/Annual Journalism (1.5 credits), Creative Writing (½ credit), and Film Studies (½ credit and counts towards Fine Arts credit).

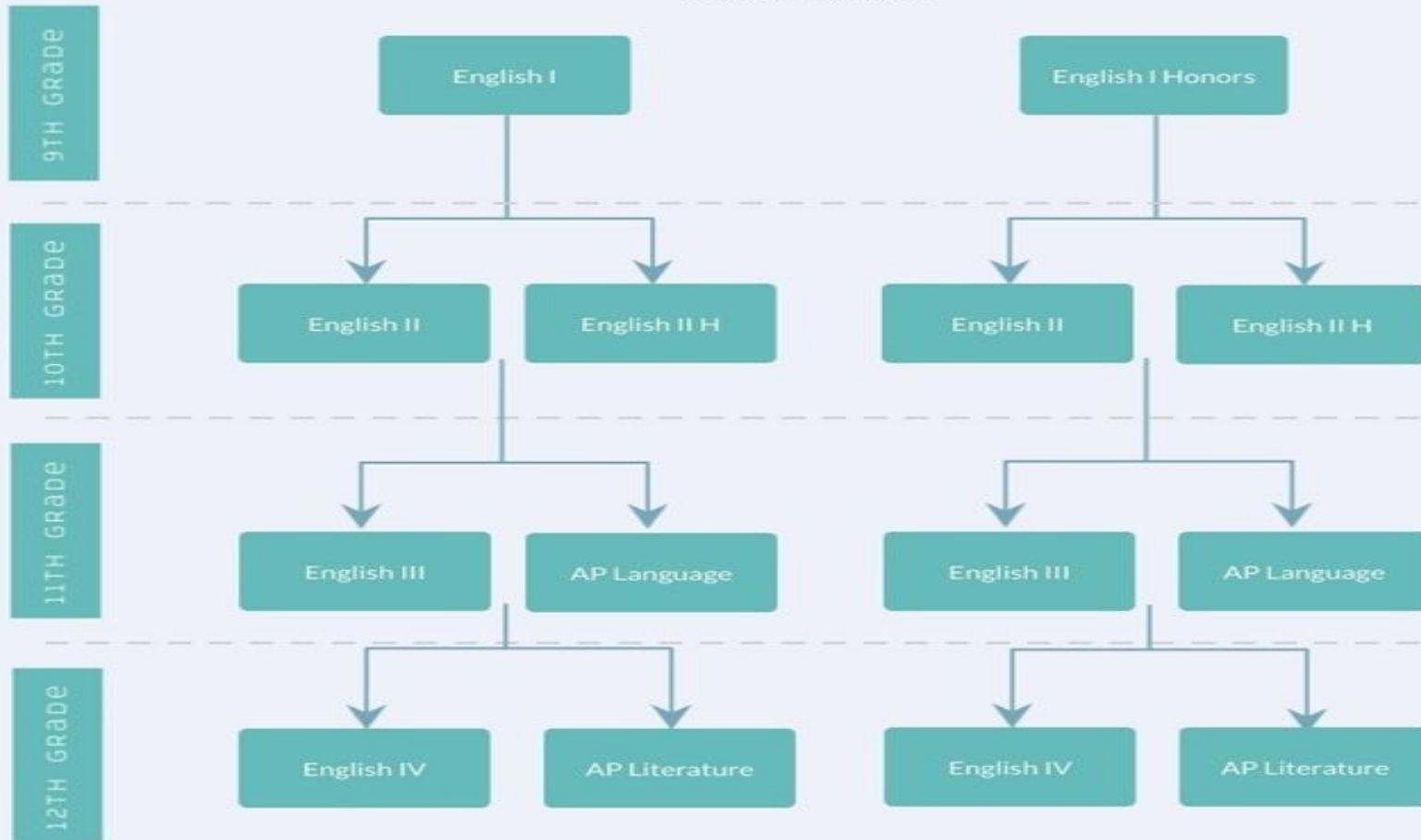
* **Students may move freely from regular level to honors/AP level with teacher recommendation. Students do not have to follow one track.**

* **Students may also choose to take Dual Enrollment/Dual Credit/Early College their junior year/senior year.**

English:

ENGLISH DEPARTMENT

Course Sequence

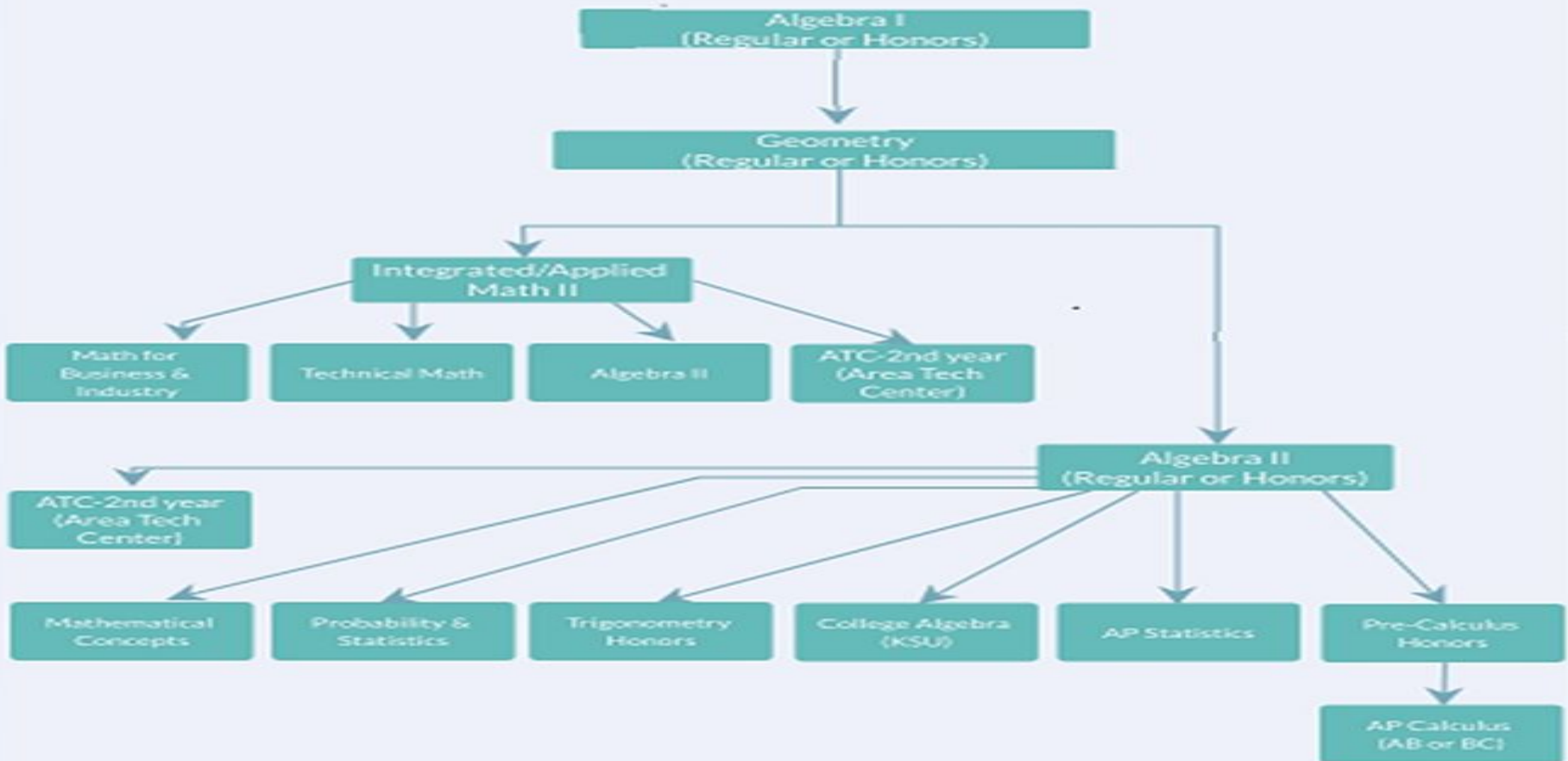


Math

- * Please read math course descriptions to make the best decisions for class choice.
- * 4 math credits are required for graduation. One math course must be taken each school year.
- * Students must have math teacher approval if they would like to double up in math at any time.
- * 9th graders are not permitted to double up in math.

MATH DEPARTMENT

Course Sequence



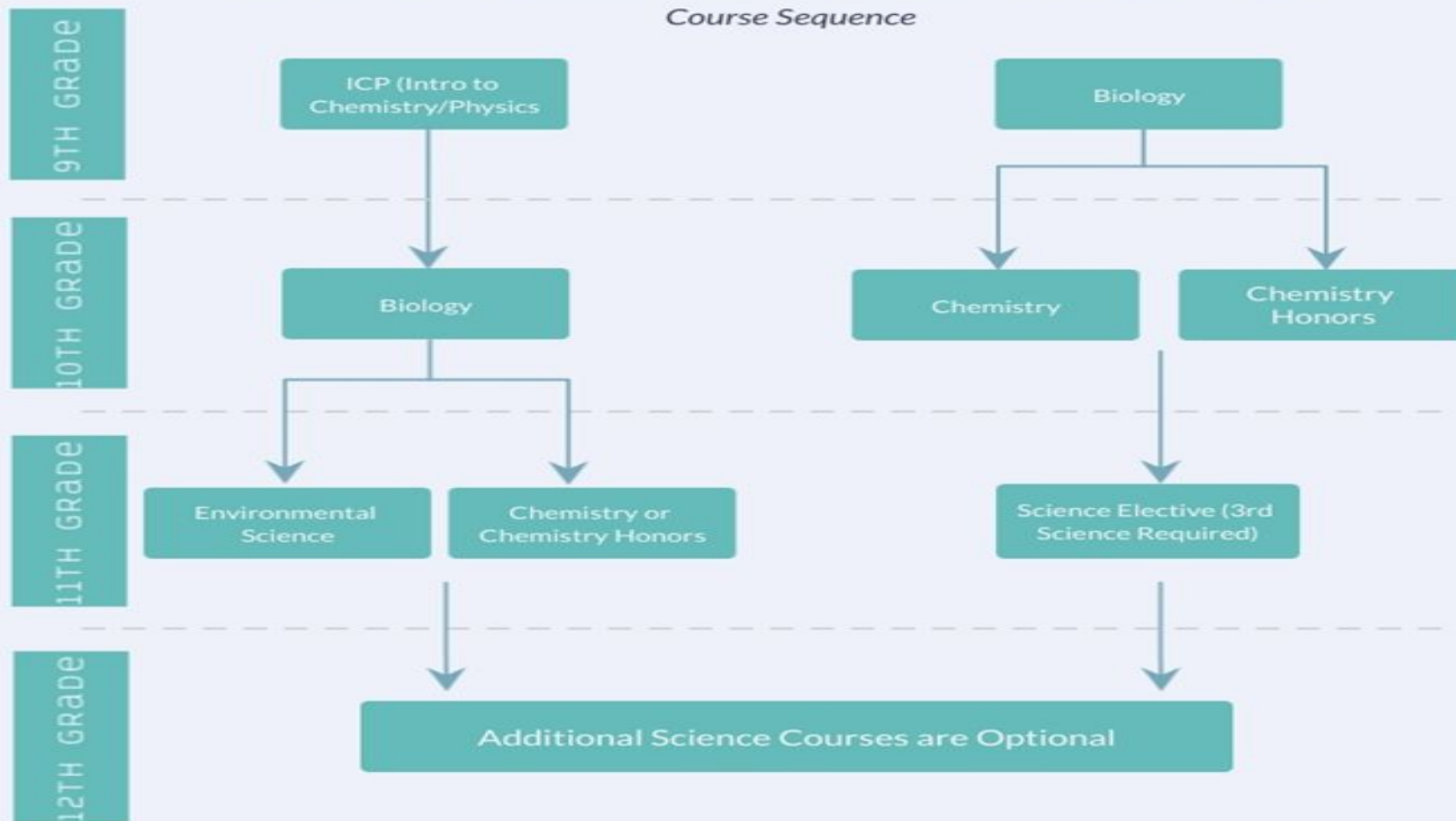
Science

***3rd Science Requirement includes:** Anatomy & Physiology, Forensic Science, Environmental Science, AP Environmental Science, AP Biology, AP Chemistry, AP Physics, PLTW Human Body Systems, Dual Enrollment Science course.

***Project Lead the Way** courses are considered elective courses and must be taken in sequence. Principles of BioMed, Medical Interventions, and Biomedical Innovation **do not count as the third required science course**. Human Body Systems **does count as the third required science course**.

SCIENCE DEPARTMENT

Course Sequence

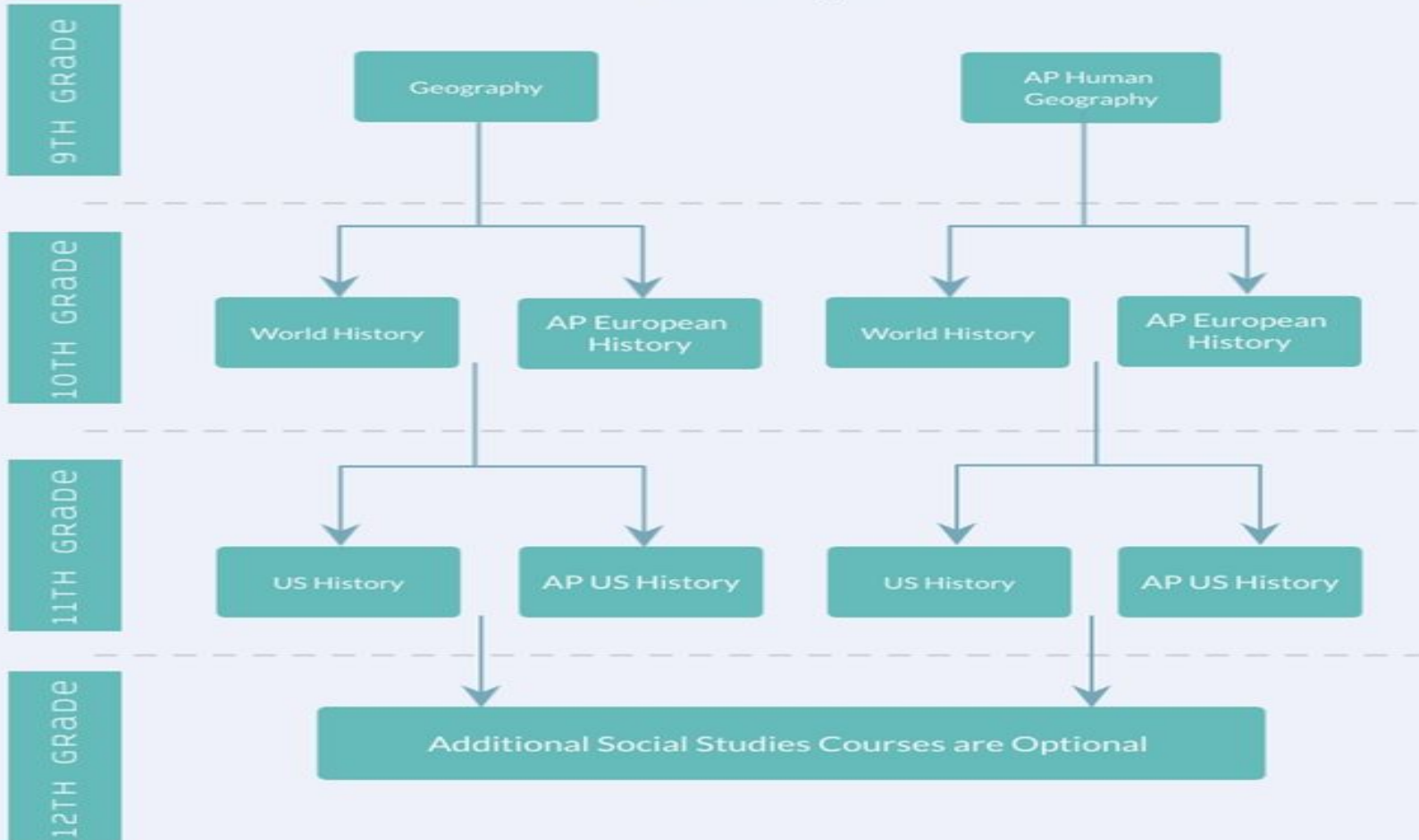


Social Studies

*AP European History does satisfy the Fine Arts/Humanities credit requirement

*AP Psychology does NOT require Psychology as a prerequisite.

SOCIAL STUDIES DEPARTMENT Course Sequence



22 Minimum Graduation Requirements, continued...

- **Health- $\frac{1}{2}$ credit**
- **PE- $\frac{1}{2}$ credit**
- **Vocational/Career-1 credit**
- **Fine Arts 1-credit**
- **Electives 5- credits**

Vocational/Career(CTE)-1 credit

At least one credit from:

- Agriculture Science
- Business/Info Tech
- Family & Consumer Science
- Boone County ATC (V-School)
- Biomedical Science
- Engineering
- Homebuilders
- Logistics

Fine Arts- 1 credit

At least one credit from:

- Music Appreciation (½ or Full credit option)
- Film Studies (½ credit-can be paired with Music Appreciation)
- Theater Arts 1 and 2
- Fundamentals of Dance
- Choir and Band
- Recording & Production/Dig Sound
- Foreign Language 3rd year*
- AP European History*
- Humanities
- Visual Art

Pre-College Curriculum

- **Minimum Graduation Requirements PLUS:**

- **Chemistry or Physics**

AND

- **2 credits of the same Foreign Language:**

(French German, Spanish)

Application Classes:

Applications can be found online under Raider Basics

- ATC (Vocational School)-Mr. Arkenberg
- Homebuilders-Mrs. Parks
- Logistics-Dr. Warford
- Dual Enrollment-Dr. Warford
- Early College-Dr. Warford
- Peer Tutoring-Mr. Buckler
- Gross Motor Development-Mr. Miosi
- Peer Tutoring Art-Mrs. Harwood
- Internships-Ms. Dews
- Yearbook-Ms. Caldwell

Boone County

ATC/Homebuilders/Logistics

Grade 11 and Grade 12
Limited Slots Available

- Diesel Technology-Juniors OR Returning Seniors
- Electrical Technology-Juniors OR Returning Seniors
- Health Sciences-Juniors OR Seniors
- Metal Fabrication-Juniors OR Returning Seniors
- Welding Technology-Juniors OR Returning Seniors
- Auto Tech-Juniors OR Returning Seniors
- Machine Tool-Juniors OR Returning Seniors
- Homebuilders-Juniors OR Seniors
- Logistics-Juniors OR Seniors

Dual Credit/Dual Enrollment/Early College

- Open to Juniors and Seniors
- Early College with Boone Co Schools
- Dual Credit with University
- Dual Credit at Ryle High School
- All forms online under Raider Basics
- Contact Dr. Warford for more information
 - jennifer.warford@boone.kyschools.us

Scheduling

Scheduling Materials can be found on Ryle's website:

<https://www.boone.kyschools.us/4/Home>

Click on Raider Basics:

Student Scheduling Information