



**KHAS
SECONDARY
SCHOOL
COURSE**

*Catalog
&
Study Guide*



www.khas.sch.ae

SECONDARY SCHOOL COURSE CATALOG & STUDY GUIDE (GRADES 10–12)

Contents

VISION MISSION VALUES & GOALS	3
1. INTRODUCTION	4
2.1 General Stream	4
2.2 Advanced Stream	5
2.3 KHAS Implementation	5
3. CREDIT SYSTEM (CARNEGIE UNIT FRAMEWORK)	5
4. Graduation Requirements (American Diploma – KHDA Aligned)	6
5. Grade 10 Program	6
6. Grades 11–12 Advanced Program	7
7. Course Descriptions	7
English	7
Mathematics	7
Science.....	7
IELTS Preparation.....	7
World History.....	7
Arabic & Islamic Studies	8
Physical Education	8
Electives	8
8. Course Prerequisites & Academic Progression	8
Mathematics	8
Science.....	8
AP Courses Requirements	8
9. Assessment Framework (Corrected)	8
Internal Assessment	8
External Assessments	8
Important Note	9

10. Grading System & GPA	9
Weighted GPA	9
11. Graduation, Promotion & Attendance Policy	9
Requirements	9
Credit Recovery	9
12. Academic Integrity Policy	10
13. Course Load Policy	10
14. University & Career Readiness	10
15. Elective Pathways	10
STEM	10
Creative	10
Business	10
16. 21st Century Skills	10
17. Technology Integration	11
18. Student Support Services	11
19. Student Workload Expectations	11
20. Academic Progression Pathway	11
21. Compliance & Accreditation	11



VISION MISSION VALUES & GOALS

OUR VISION

Qualifying future pioneers, guided by ethics, rooted in heritage, led by innovation within a sustainable learning community

OUR MISSION

KHAS will provide an inclusive, safe, nurturing, and inspiring learning environment to develop future global leaders, who will excel academically while maintaining their own values and heritage.

OUR VALUES

Excellence: developing a strong learning and work ethic and consciously doing one's very best in all aspects of school.

Creativity: recognizing and acting on one's responsibility to the educational community and to the wider society—local, national, and global.

Integrity: exhibiting behaviors and actions consistent with a set of moral or ethical principles and standards, embraced by dedicated staff and ambitious students that create an ethical school environment.

Collaboration: Being able to consider common goals and contribute to others in a respectful way.

Tolerance: Living in harmony with others and appreciating diversity.

SCHOOL GOALS

Excel, Create, Honor, Collaborate, Endure

- To instill the love of learning in students in order to make them life-long learners.
- To enable students to be independent, autonomous, risk-taking learners.
- To ensure teachers as instigators and architects of innovative learning.
- To develop creative talents to broaden interests, provide worthwhile use of time, and appreciate the contributions of others.
- To develop the human body and health habits which include the mental, physical and emotional wellbeing of the individual.
- To map out cross-curricular and interdisciplinary themes as curriculum drivers.
- To allow authentic learning to be immersed in the real-world and practical applications through service and action.
- To integrate our curriculum with our ethos, faith and values to promote emotional, social, and physical character building.
- To include parents as our partners with the educational journey of students.
- To prepare our students for the challenges of the global community.

1. Introduction

The Secondary School Program at Khalifah Al Hamzah American School (KHAS) provides a rigorous, student-centered education aligned with the American curriculum framework and UAE national requirements.

The curriculum integrates:

- California Common Core State Standards (CCSS) – English & Mathematics
- Next Generation Science Standards (NGSS) – Science
- UAE Ministry of Education standards – Arabic, Islamic Studies, and Social Studies

In line with SPEA expectations, students must:

- Complete a combination of core and elective subjects
- Accumulate required credits across Grades 9–12
- Develop academic and personal skills for university and career readiness

Students graduate with a recognized American High School Diploma that meets both international standards and UAE regulations.

2. Secondary Education Pathways in the UAE

2.1 General Stream

The General Stream provides a broad academic foundation suitable for students pursuing non-STEM fields.

Subjects

- English
- Mathematics
- General Science
- Social Studies
- Arabic (MOE)
- Islamic Studies (MOE)
- Moral Education (MOE)
- Physical Education
- Electives

Future Pathways

- Business
- Law
- Education
- Media & Communication
- Humanities

2.2 Advanced Stream

The Advanced Stream is designed for students with strong academic performance, especially in Math and Science.

Subjects

- Advanced Mathematics (Pre-Calculus / AP Calculus)
- Physics, Chemistry, Biology
- English (Academic focus)
- Social Studies
- Arabic (MOE)
- Islamic Studies (MOE)
- STEM Electives

Future Pathways

- Engineering
- Medicine
- Computer Science
- Artificial Intelligence
- Architecture

2.3 KHAS Implementation

- Grade 10: General foundation
- Grades 11–12: Advanced / AP pathway

Placement is based on:

- Academic performance
- Teacher recommendations
- Student career goals

3. CREDIT SYSTEM (CARNEGIE UNIT FRAMEWORK)

KHAS adopts the Carnegie Unit system:

- 1 Credit = 120–150 instructional hours per year

Periods/Week	Credit
4 periods	1.0
3 periods	0.75
2 periods	0.5
1 period	0.25

Students earn approximately 6.5–7 credits annually.

4. Graduation Requirements (American Diploma)

Subject Area	Credits
English	4.0
Mathematics	4.0
Science	3–4
Social Studies	3
Physical Education	2
Electives	5–6
Arabic	Mandatory
Islamic Studies	Mandatory
Total	22–24 Credits

Students must also meet attendance and academic performance requirements.

5. Grade 10 Program

Total Credits: ~6.75

Course	Credits
English	1.0
IELTS Preparation	0.25
Mathematics (Algebra 2)	1.0
Physics	0.75
Chemistry	0.5
Physical Education	0.25
Geography	0.25
Electives	0.5
Arabic	0.75
Islamic Studies	0.5
Moral Education	0.25

6. Grades 11–12 Advanced Program

Total Credits: ~6.5 per year

Course	Credits
English	1.0
IELTS Preparation	0.25
Mathematics (AP Calculus)	1.0
Physics (AP)	0.5
Chemistry (AP)	0.5
World History	0.5
Physical Education	0.5
Electives	0.5
Arabic	0.75
Islamic Studies	0.5

7. Course Descriptions

English

Develops advanced reading, writing, analytical thinking, and research skills aligned with CCSS.

Mathematics

- Algebra 2: Builds algebraic reasoning
- AP Calculus: College-level mathematics

Science

- Physics: Motion, energy, forces
- Chemistry: Matter and reactions
- AP Sciences: Advanced scientific concepts

IELTS Preparation

Enhances academic English skills for university admission.

World History

Explores global events and critical analysis.



Arabic & Islamic Studies

Aligned with UAE MOE standards.

Physical Education

Promotes health and teamwork.

Electives

Coding, Art, Drama, Biology.

8. Course Prerequisites & Academic Progression

Mathematics

- Algebra 1 → Algebra 2
- Algebra 2 → Pre-Calculus
- Pre-Calculus → AP Calculus

Science

- General Science → Physics / Chemistry
- Chemistry → AP Chemistry

AP Courses Requirements


- Minimum 80% in prerequisite
- Teacher recommendation

9. Assessment Framework (Corrected)

Internal Assessment

- Classwork
- Projects
- Exams

External Assessments

- IELTS
 - AP Exams
- 

- SAT / ACT (optional)
- EmSAT (if required)
- Writing assessments

Important Note

MAP, PIRLS, and TIMSS are not used in high school.

10. Grading System & GPA

Grade GPA

A	4.0
B	3.0
C	2.0
D	1.0
F	0.0

Weighted GPA

- Standard: 4.0
- Advanced: 4.5
- AP: 5.0

11. Graduation, Promotion & Attendance Policy

Requirements

- Minimum 22–24 credits
- Passing grade: 60%
- Attendance: 85–90%

Credit Recovery

- Summer school
- Online courses



12. Academic Integrity Policy

Students must:

- Submit original work
- Avoid plagiarism and cheating

Violations result in disciplinary action.

13. Course Load Policy

- Students must take 6–7 credits per year
- Core subjects are mandatory

14. University & Career Readiness

- University counseling
- Application support
- IELTS / SAT preparation

15. Elective Pathways

STEM

Coding, Science


Creative

Art, Drama

Business

Entrepreneurship

16. 21st Century Skills

- Critical thinking
 - Communication
 - Collaboration
 - Creativity
 - Digital literacy
- 

17. Technology Integration

- Microsoft Teams
- Nearpod
- Paradigm
- Kutubee

18. Student Support Services

- SEN support
- Gifted programs
- Counseling

19. Student Workload Expectations

- Daily study: 1–2 hours
- Completion of assignments and projects

20. Academic Progression Pathway

Grade 10 → Foundation



Grade 11 → Advanced



Grade 12 → AP & Graduation



University Admission

21. Compliance & Accreditation

Aligned with:

- CCSS & NGSS
- UAE MOE
- KHDA / SPEA
- International standards