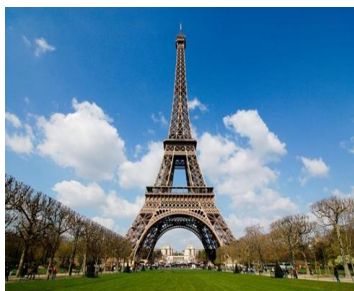




Marcus Marulus Spalathensus
((1450 – 1524))

The EU HAM-ST
Advanced High School Programmes
The EDUCATION PLAN

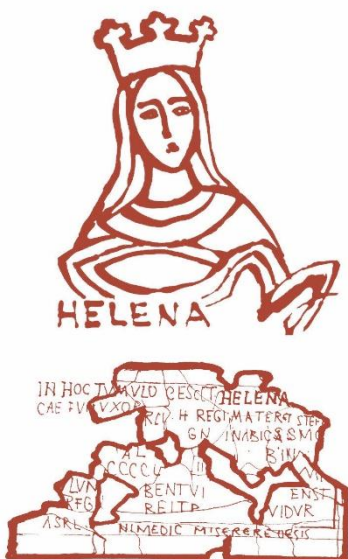
Fifth and Sixth Form



Queen Helen
(976 A. D.)

'Queen Helen' College

Has been named after Queen Helen who reigned in the 10th century and was regarded 'the most favourite person in a thousand-year-long reminiscence of the Croatian people'



**Queen Helen Epitaph
dated 976 A.D.**

**IN HOC TUMULO QUESCIT HELENA FAMOSA, QUE FUIT
UXOR MIHAELI REGI, MATERQUE STEFANI REGIS,
HABENAS RENUIT REGNI, VIII IDUS MENSIS OCTOBRIS
IN PACE HIC ORDINATA FUIT ANNO AB INCARNATIONE
DOMINI DCCCCLXXVI INDICTIONE IV, CICLO LUNARI
V, EPACTA XVII, CICLO SOLARI V, CONCURRENTE VI,
ISTAQUE VIVENS FUIT REGINA, MATER FIT
PUPILLORUM TUTORQUE VIDUARUM,**

ICQUE ASPICIENS VIR ANIME DIC MISERERE DEUS

ENGLISH TRANSLATION

In this grave rests Helen (Jelena) the Glorious, wife of King Michael (Krešimir) and the mother of King Stephen (Držislav). She ruled the Kingdom. On the 8th day prior to Ides of October 976 she was buried here to rest in peace... from the incarnation of Our Lord, fourth indiction, fifth lunar cycle, seventeenth epact, fifth solar cycle in conjunction with the sixth.

During her life as Queen she also became the mother to orphans and the protectress of widows.

May those who look here say: God, have mercy on her soul.

The Queen Jelena Artistic View

Josip Botteri Dini
professor at Academy of Art
University of Split



ZAGREB
The Capital of the Republic of Croatia



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Fifth and Sixth FORM

The EU HAM-ST Advanced high School Programme Education in English

INTRODUCTION

The European (EU)HAM-ST Advanced High School programme in which HAM-ST is the acronym for Humanities, Arts, Mathematics, Science and Technology, is based on the values of the triple educational core of humanities, arts and mathematics or HAM.

The HAM is an educational 'sine qua-non' for the development of humanities, social and natural sciences as well as for the innovative and creative development of new technologies. European HAM-ST programme is being prepared to be implemented in English language under the following name:

QUEEN JELENA COLLEGE CEREMONIAL OPENING

October 14th. 2002



GOSTI

akademik Ivo Šlaus, predsjednik Svjetske akademije znanosti
Izaslanik Vlade i Sabora RH
mr. sc. Nansi Ivanišević,
bivša ministrica znanosti i obrazovanja RH
prof, dr. sc. Bernard Peroš,
prorektor Sveučilišta u Splitu
fra Pero Đida, dr. sc. don Ivan Čubelić, dr. sc. don Ivan Grubišić
Splitsko-makarska nadbiskupija

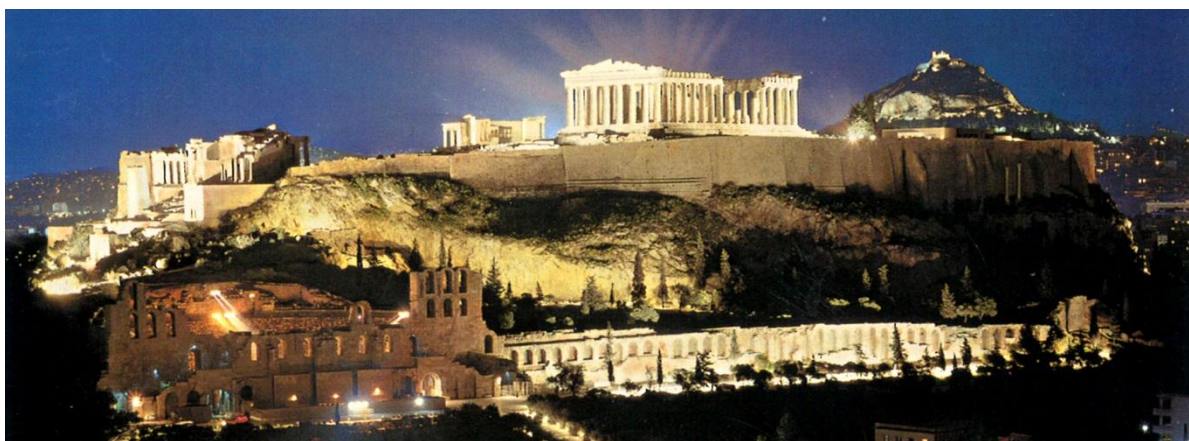
FOREWORD

ANCIENT CLASSICAL CURRICULUM

5th century B.C.

EDUCATION IN CLASSICAL ANTIQUITY

Humanists in Classical antiquity during the 5th and 4th century B.C. discarded the studies of nature and the world based on myth and religion. They introduced the systematic study of nature and the world based on the harmonic unity, as well as wide-range and wholesome educational programme – a curriculum known as paideia. This system of acquiring knowledge based on grammar accuracy and intellectual correctness, eventually evolved into:



SEVEN LIBERAL ARTS

QUADRIVIUM: arithmetic, geometry, music and astronomy

TRIVIUM: grammar, rhetoric and logic

Philosophy was accepted as the mother of all seven liberal arts.

SUMMARY

The EU HAM-ST (abbreviation for European Humanities, Arts, Mathematics, Science and Technology) is a new and advanced curriculum which emphasizes the immeasurable importance of humanities, arts and mathematics in the education of young people aiming at creative and innovative development of all segments of the new, digital society of the 21st century. This advanced EU HAM-ST programme is the core of the European-Croatian curriculum of the gymnasium with different courses of study which was first implemented in 'Queen Helen' College in Split in 2012 by the Ministry of Science and Education permit, and since 2021 it became the national programme with public rights in the gymnasium education in the Republic of Croatia.

CROATIAN-EUROPEAN ADVANCED HIGH SCHOOL PROGRAMMES



REPUBLIKA HRVATSKA
MINISTARSTVO ZNANOSTI I OBRAZOVANJA
mzo.gov.hr

KLASA: UP/I-602-03/20-05/00045
URBROJ: 533-05-21-0003

Zagreb, 22. rujna 2021.

Na temelju članka 92. Zakona o odgoju i obrazovanju u osnovnoj i srednjoj školi (Narodne novine, broj 87/08, 86/09, 92/10, 105/10, 90/11, 05/12, 16/12, 86/12, 126/12, 94/13, 152/14, 07/17, 68/18, 98/19 i 64/20), članka 4. Pravilnika o načinu i postupku utvrđivanja uvjeta za početak rada školske ustanove (Narodne novine, broj 141/09 i 95/20), a u povodu zahtjeva Gimnazijskog kolegija „Kraljica Jelena“ s pravom javnosti, Nodilova ul. 1, Split, u predmetu utvrđivanja uvjeta za početak izvođenja obrazovnog programa pod nazivom hrvatsko-europska gimnazija s usmjerenjima, ministar znanosti i obrazovanja donosi

RJEŠENJE

Odobrava se Gimnazijskom kolegiju „Kraljica Jelena“ s pravom javnosti, Nodilova ul. 1, Split, početak izvođenja obrazovnog programa pod nazivom **hrvatsko-europska gimnazija s usmjerenjima (šifra: 321109)**.

Obrazloženje

Gimnazijski kolegij „Kraljica Jelena“ s pravom javnosti, Nodilova ul. 1, Split, podnio je zahtjev za početak izvođenja obrazovnog programa pod nazivom hrvatsko-europska gimnazija s usmjerenjima, skraćenog naziva gimnazija s usmjerenjima.

U postupku koji je prethodio ovom rješenju, a na temelju priložene dokumentacije, utvrđeno je da škola ispunjava uvjete propisane člankom 4. Pravilnika o načinu i postupku utvrđivanja uvjeta za početak rada školske ustanove (Narodne novine, broj 141/09 i 95/20) pa je riješeno kao u izreci.

Ovim rješenjem stavlja se izvan snage rješenje (UP/I-602-03/20-05/00045; URBROJ: 533-05-20-0002) od 2. studenoga 2020. godine.

Pouka o pravnom lijeku

Protiv ovog rješenja nije dopuštena žalba, ali se može pokrenuti upravni spor tužbom kod nadležnoga upravnog suda u roku od 30 dana od dana primitka rješenja.



INTRODUCTION

Science, education and culture in their creative synergy have enhanced economy and development of new technologies in all historical periods until the contemporary digital society of the 21st century. Croatian people have belonged for more than a thousand years to the European civilisation arising from the fascinating Mediterranean culture with Classical Greek curriculum from the 5th century B.C., which became the educational origin of the first European universities and gymnasiums in the early Mediaeval period. In Croatia, the most renowned is the Jesuit Classical Gymnasium founded in Zagreb in 1607, evolving later into the national Central European university in Zagreb.

**he EU HAM
Advanced Elementary School**



ISSA (Island Vis)

**MEDITERRANEAN
CROATIA**



PHAROS (Island Hvar)

SCADRONA (Skradin)

**EU HAM-ST
Advanced High School Programme**

This new version of the advanced EU HAM-ST programme is based on millenium-long achievements of the Mediterranean culture and indisputable values of Croatian central-European education, as well as the implementation of the contents of modern contemporary education, resulting in this advanced **European HAM-ST High School Programme** becoming an open educational programme available for the creation of new creative and innovative young potential, aiming at building modern and competitive Croatia and the European Union in the digital society of the 21st century.

MEDITERRANEAN CROATIA

European culture, science and education stems from thousand-year-long tradition of the classical Greek curriculum with seven liberal arts, which was the educational foundation of the first European universities, such as Salamanca in Spain, Bologna in Italy and Oxford in Great Britain. Mediterranean Croatia is an area of great European cultures with ancient towns on the islands and along the coast, such as:

SPLIT (Greek: Aspalathos), SOLIN (lat. Salona), CAVTAT (Greek: Epidaurium), DUBROVNIK (Latin: Ragusina), VID (Latin: Naronna), KORČULA (Greek: Korkyera), HVAR (Greek: Faros), VIS (Greek: Issa), TROGIR (Greek: Tragioriom), SKRADIN (Latin: Scadrona), ZADAR (Latin: Jadera), NIN (Latin: Aeona), PULA (Latin: Pietas Iulia), etc.

Marko Marulić Splitsanin

Marko Marulić, the father of Croatian language and literature, was born in 1450 in the Dioclecian's Palace in Split. He was buried in 1524 in St Francis Monastery in Split.

His epic poem Judith written in 1501 Croatian language made him the greatest poet in Croatian literature and the father of Croatian language and literature, becoming at the same time the most famous European Latinist, read even among the European royalty.

He signed his works written in Latin language as Marcus Marulus Spalathensis (Marko Marulić Splitsanin).

In honour of this great bard of Croatian poetry and language and a great European Latinist, in literary circles Split is referred to as Marul's town.

CROATIAN NATIONAL PARKS

Krka, Mljet



CROATIA AND EUROPE

Croatia has belonged to the western European civilization since the Carolingian Empire under Charlemagne, followed by the rule of Hungaria, Austria, Venice, Napoleon's France and Austro-Hungarian Empire. That fact has been finally 'crowned' by Croatian accession treaty and full membership in the European Union at the beginning of the 21st century.



SPLIT

Queen Jelena (Greek: Helen) College is located in Split's historical core, in one of the most beautiful Mediterranean surroundings, more specifically in the building housing the famous 'Natko Nodilo' Classical Gymnasium under the leadership of the school principal Frane Bulić at the end of the 19th century.

In 1897 world-famous scientist and archeologist priest Frane Bulić discovered the remains of Queen Helen's sarcophagus with an epitaph dated in the 9th century in Paleo-Christian town of Solin (Salona).

Along with the rich historical and cultural heritage since the classical antiquity, Split is also famous for its Diocletian's Palace built in 304 A.D. and protected by UNESCO.

Split has become a political, cultural and educational centre, as well as world-famous sports centre.



THE ADVANCED HAM-ST PROGRAMME ORGANIZATION SCHEME

INTRODUCTION

European HAM-ST Programme is introduced in two versions, the former being the bilingual version in English and Croatian, and the latter being the English language version, both of which have the purpose of giving the parents and future students the possibility of freely selecting the programme suitable to their own needs. In addition, there is also the original Croatian-European version, which has been carried out in Croatian since 2012. European HAM-ST's educational plans have relied on advanced HAM-ST (short for Humanistics, Art, Mathematics, Science, Technology) programme, whose Croatian version has been successfully implemented in Kraljica Jelena High School since 2012, with the permission from the Ministry of Science and Education of the Republic of Croatia.

The organisation scheme of the advanced version of the HAM-ST high school programme follows the international standard classification, for instance UNESCO's International Baccalaureate (IB) programme, in the following way:

5th Form
Age 14 -16
1st and 2nd Grade

ORGANIZATION SCHEME

The purpose of EU ST-HAM programme is the education of 1st and 2nd grade students (Fifth form), carried out in classes with 16-18 students with the complete programme according to the following scheme:

A. BASIC PART

Croatian language*, Mathematics, English, Latin, Art (Modul 1 Fine Arts, Modul 2 Music), History, Physics, Science (Modul 1 Biology, Modul 2 Chemistry, Modul 3 Geography), Information Technology and Artificial Intelligence (IT and AI)

EU Forum
Knowledge and Citizenship Education
Modul 1 Applied Psychology, Modul 2 Applied Sociology,
Physical Education and Health
Optional Subject*
Croatian Programme of Religious Knowledge, Ethics

B. ADVANCED PART

2nd EU Language
French, German, Italian, Spanish

Science (Modul 1 Biology, Modul 2 Chemistry, Modul 3 Geography)

C. FREE ACTIVITIES AND WORKSHOPS

CEEES Programme
of Free Actions and Workshops in Creativity, Education, Ethics. Ecology, Social Support.
Field-trips to the monuments from the Ancient Greek period, and Roman historical monuments in Italy

Sixth Form
Age 16 – 18
3rd and 4th Grade

ORGANIZATION SCHEME

Within this EU ST-HAM programme, after successfully completing the first two years of the high school programme, the students, with their parents' consent, choose one of the seven available educational courses.

Their class remains the educational unit in which the common or the basic part of the EU ST-HAM programme is being carried out for all the students.

A. BASIC PART

Croatian language, Mathematics, English language, History, Philosophy(with Logics), Physics, Science A or B,
IT and AI
EU Forum
Knowledge and Citizenship Education
Modul 3 Croatia and EU Modul 4 Science and Cognition
Physical Education and Health
Optional subjects

B. ADVANCED PART

Having successfully completed the first two years of the high school programme (the Fifth Form), the students, with their parents' consent, choose one of the available programmes classified into seven educational groups:

SEVEN EU HAM-ST PROGRAMMES **Advanced High School**

- Group 1 HUMANISTICS CLASICS, MATHEMATICS, IT AND AI**
- Group 2 EU LANGUAGES, HUMANISTICS, MATHEMATICS, IT AND AI**
- Group 3 SCIENCE, MEDICINE, MATHEMATICS, IT AND AI**
- Group 4 COMPUTING, MATHEMATICS, MAM, IT AND AI**
- Group 5 ARCHITECTURE AND DESIGN, ART, MATHMATICS, IT AND AI**
- Group 6 BUSINESS, ECONOMICS, MATH AND FM, IT AND AI**
- Group 7 EU LANGUAGES, EUROPEAN STUDIES, MATHEMATICS, IT AND AI**

ACRONYMS

MAM_ Methods of Applied Mathematics, FM-Financial Mathematics
CEEES-or Creativity, Education, Ethics, Ecology, Social supports

EUROPEAN FORUM

Module 1: Applied Psychology **Module 2:** Applied Sociology
Module 3: The European Union and Croatia **Module 4:** Theory of Knowledge and Cognition
Expanded knowledge and analysis of current social issues from the perspective of applied psychology, sociology, philosophy, and civic education.

EXCURSIONS AND STUDIES

Ancient Greece
Ancient Rome and the Renaissance

Contemporary European Union: Culture, Youth Education, Science, and Social Challenges

**The EU HAM-ST
ADVANCED HIGH SCHOOL PROGRAMMES
Education Plan**

FIFTH and SIXTH FORM

A	FUNDAMENTAL PART	YEAR			
		I.	II.	III.	IV.
	Native language with literature	4	4	4	4
	Mathematics	4	4	4	4
	English	4	4	3	3
	2nd EU language	2	2	2	2
	Latin	2	2	-	-
	History	2	2	2	2
	Art	1+1	1+1	-	-
	Social Sciences	-	-	1	1
	Philosophy	-	-	1	2
	Physics	2	2	2	2
	Science	4+2	4+2	3+1	3+1
	IT and AI	2	2	1	1
	Physical Education and Health	2	2	2	2
	Optional subject	-	-	-	-
B	ADVANCED PART				
	Subject A				
	Subject B				
	Subject C				
	Subject D				
		1	1	1	1
	EUROPEAN FORUM				
	Workshops on Civilship Education				
	The CEEESS Programme of Free Actions and Workshops in Creativity, Education, Ethics, Ecology, and Social Support				
	Total	31+2	31+2	30+2	30+2

EDUCATIONAL EXCURSIONS

Ancient Greece, Ancient Rome and Renaissance and Graduate Study Excursion

MODULS:

EU Forum: TKCS modul 1 Applied Psychology, Modul 2 Applied Sociology, Modul 3 Croatia in European Union, Modul 4 Cognition and Science

Art: Modul 1 Fine Arts, Modul 2 Music

Science: Modul 1 Biology, Modul 2 Chemistry, Modul 3 Geography

EU Forum Free Actions and Workshops in Creativity, Education, Ethics, Ecology, Social Support

Social Sciences Modul 1 PSYCHOLOGY, Mod

**INTRODUCTION TO THE SUBJECTS
OF THE EUB PROGRAMME**

		GODINA			
B.	ADVANCED PROGRAMME	I	II	III	IV
	Advanced English	-	-	2	1
	Advanced Physics	-	-	1	1
	Ancient Greek	-	-	2	2
	AI and Robotics	-	-	1	1
	Astronomy and Astrophysics				
	Art: Modul 1 Fine Arts	1	1		
	Art: Modul 2 Music				
	Contemporary Architecture	-	-	1	1
	Contemporary European Literature	-	-	1-2	1
	Contemporary Philosophy	-	-	1	1
	Communication	-	-	1	1
	Computing	-	-	1	1
	Drama	-	-	1	1
	Drawing and Design	-	-		
	EU Forum: TKCS	1	1	1	1
	European Studies	-	-	1	1
	Financial Mathematics	-	-	2	1
	Geophysics	-	-	1	1
	IT and AI	-	-	1	1
	Methods of Applied Mathematics	-	-	1-2	1
	Philosophy of Religions	-	-	2	1
	Politics, Economy, and Business	-	-	1	1
	Science	-	-	5+1	5+1
	Modul 1 Biology				
	Modul 2 Chemistry				
	Modul 3 Geography				
	2nd and 3rd EU Language	2	2	2	2
	Theory of Design	-	-	1	1

ACRONYMS

MAM_ Methods of Applied Mathematics

FM-Financial Mathematics

CEEES-or Creativity, Education, Ethics, Ecology, Social supports



1st Century A.D.

**SALONA
HISTORICAL ORIGIN OF CROATIAN NATION**



**6th Form
Programme 1**

**EU HAM-ST
ADVANCED HIGH SCHOOL PROGRAMME 1EU HAM-**



**Marko Marulić/Marcus Marulus Spalathensus
Father of Croatian Literature
Great European Latin Wrater**

HUMANISTICS, CLASICS, MATHEMATICS, IT AND AI

B.	ADVANCED ART				
	Ancient Greek	-	-	2	2
	Art	-	-	1+1	1+1
	Contemporary European Literature	-	-	1	1
	Drama	-	-	1	1
	EU Forum: TKCS	1	1	1	1

ACRONYMS

MAM_ Methods of Applied Mathematics

FM-Financial Mathematics

CEES-or Creativity, Education, Ethics, Ecology, Social supports

EU MODERN LANGUAGES

English, Franch, German, Italian, Spanish, etc

CURRICULUM
Group 1

HUMANISTICS, CLASSICS, MATHEMATICS, IT AND AI
Fifth and Sixth Form

A	FUNDAMENTAL PART	YEAR			
		I.	II.	III.	IV.
	Native Language	4	4	4	4
	Mathematics	4	4	4	4
	English	4	4	3	3
	2nd EU Language	2	2	2	2
	Latin	2	2	-	-
	History	2	2	2	2
	Art	1+1	1+1	1+1	1+1
	Social Sciences	-	-	1	1
	Philosophy	-	-	2	2
	Physics	2	2	2	2
	Science	4+2	4+2	3+1	3+1
	IT and AI	2	2	1	1
	Physical Education and Health	2	2	2	2
	Optional Subject	1	1	1	1
B	ADVANCED PART				
	Ancient Greek	-	-	2	2
	Drama	-	-	1	1
	Contemporary European Literature	-	-	1	1
	EU Forum: TKCS	-	-	1	1
C.	EUROPEAN FORUM				
	Civilship Education				
	The CEEESS Programme of Free Action and Workshops in Creativity, Education, Ethics, Ecology, and Social Supports				
	Total	31+2	31+2	30+2	30+2

EUROPEAN FORUM

Module 1: Applied Psychology **Module 2:** Applied Sociology

Module 3: The European Union and Croatia **Module 4:** Theory of Knowledge and Cognition

Expanded knowledge and analysis of current social issues from the perspective of applied psychology, sociology, philosophy, and civic education.

EXCURSIONS AND STUDIES

Ancient Greece

Ancient Rome and the Renaissance

Contemporary European Union: Culture, Youth Education, Science, and Social Challenges

**EU HAM-ST
ADVANCED HIGH SCHOOL PROGRAME 2**



ZADAR
(lat. Jadera)

EU LANGUAGES, HUMANISTICS, MATHEMATICS, IT AND AI

B.	ADVANCED PART OF EU BEP				
	Advanced English	-	-	2	1
	Communication and Media	-	-	1	1
	Contemporary European Literature	-	-	1	1
	Art	-	-	1+1	1+1
	EU Forum: TKCS	1	1	1	1

ACRONYMS

MAM_ Methods of Applied Mathematics

FM-Financial Mathematics

CEEES-or Creativity, Education, Ethics, Ecology, Social supports

EU MODERN LANGUAGES
English, French, German, Italian, Spanish, etc

**EU LANGUAGES, HUMANISTICS, MATHEMATICS, IT AND AI
Fifth and Sixth Form**

A	FUNDAMENTAL PART	YEAR			
		I.	II.	III.	IV.
	Native Language	4	4	4	4
	Mathematics	4	4	4	4
	English	4	4	3	3
	2nd EU Language	2	2	2	2
	Latin	2	2	-	-
	History	2	2	2	2
	Art	1+1	1+1	1	1
	Social Sciences	-	-	1	1
	Philosophy	-	-	1	2
	Physics	2	2	2	2
	Science	4+2	2	3+1	3+1
	IT and AI	2	2	1	1
	Physical Education and Health	2	2	2	2
	Optional Subject	1	1	1	1
B	ADVANCED PART				
	Advanced English	-	-	1	1
	Contemporary European Literature	-	-	1	1
	Communication and Media	-	-	1	1
	EU Forum: TKCS	1	1	1	1
C.	EUROPEAN FORUM				
	Civilship Education				
	The CEEESS Programme of Free Action and Workshops in Creativity, Education, Ethics, Ecology, and Social Supports				
	Total	31+2	31+2	30+2	30+2

EUROPEAN FORUM

Module 1: Applied Psychology **Module 2:** Applied Sociology

Module 3: The European Union and Croatia **Module 4:** Theory of Knowledge and Cognition

Expanded knowledge and analysis of current social issues from the perspective of applied psychology, sociology, philosophy, and civic education.

EXCURSIONS AND STUDIES

Ancient Greece

Ancient Rome and the Renaissance

Contemporary European Union: Culture, Youth Education, Science, and Social Challenges

**6th Form
Programme 3**

**EU HAM-ST
ADVANCED HIGH SCHOOL PROGRAMME 3**



**After being educated in Queen Jelena College
many students excell at the University of medicine in Split and Zagreb**

SCIENCE, MEDICINE, MATHEMATICS, IT AND AI

B.	ADVANCED PART OF EU BEP	-	-	3	4
	Physics	-	-	+1	+1
	Methods of Applied Mathematics	-	-	2	1
	Advanced Physics	-	-	1	1
	Science	-	-	+2	+2
	EU Forum: TKCS	1	1	1	1

ACRONYMS

MAM_ Methods of Applied Mathematics

FM-Financial Mathematics

CEEES-or Creativity, Education, Ethics, Ecology, Social supports

EU MODERN LANGUAGES

English, Franch, German, Italian, Spanish, etc

CURRICULUM
Group 3

SCIENCE, MEDICINE, MATHEMATICS IT and AI
Fifth and Sixth Form

A	FUNDAMENTAL PART	YEAR			
		I.	II.	III.	IV.
	Native Language	4	4	4	4
	Mathematics	4	4	4	4
	English	4	4	3	3
	2nd EU Language	2	2	2	2
	Latin	2	2	-	-
	History	2	2	2	2
	Art	1+1	1+1	-	-
	Social Sciences	-	-	1	1
	Philosophy	-	-	1	2
	Physics	2	2	2+1	2+1
	Science	4+1	4+1	5+1	5+1
	IT and AI	2	2	1	1
	Physical Education and Health	2	2	2	2
	Optional Subject	1	1	1	1
B	ADVANCED PART				
	Methods of Applied Mathematics	-	-	2	1
	Advanced Physics	-	-	1	1
	EU Forum: TKCS	1	1	1	1
C.	EUROPEAN FORUM				
	Civilship Education				
	The CEEESS Programme of Free Action and Workshops in Creativity, Education, Ethics, Ecology, and Social Supports				
	Total	33+2	33+2	33+2	33+2

EUROPEAN FORUM

Module 1: Applied Psychology **Module 2:** Applied Sociology

Module 3: The European Union and Croatia **Module 4:** Theory of Knowledge and Cognition

Expanded knowledge and analysis of current social issues from the perspective of applied psychology, sociology, philosophy, and civic education.

EXCURSIONS AND STUDIES

Ancient Greece

Ancient Rome and the Renaissance

Contemporary European Union: Culture, Youth Education, Science, and Social Challenges

**6th Form
Programme 4**

**U HAM-ST
ADVANCED HIGH SCHOOL PROGRAMMES 4**



COMPUTING, MATHEMATICS, MAM, IT AND AI

B.	ADVANCED PART OF EU BEP	-	-	3	4
	Mathematics	-	-	+1	+1
	Methods of Applied Mathematics	-	-	2	1
	Computing	-	-	1	1
	Artificial Intelligence	-	-	1	1
	EU Forum: TKCS	1	1	1	1

ACRONYMS

MAM_ Methods of Applied Mathematics

FM-Financial Mathematics

CEEES-or Creativity, Education, Ethics, Ecology, Social supports

EU MODERN LANGUAGES

English, Franch, German, Italian, Spanish, etc

CURRICULUM
Group 4

COMPUTING, MATHEMATICS, MAM, IT AND AI
Fifth and Sixth Form

A	FUNDAMENTAL PART	YEAR			
		I.	II.	III.	IV.
	Native Language	4	4	4	4
	Mathematics	4	4	4+1	4+1
	English Language	3	3	3	3
	2nd EU Language	2	2	2	2
	Latin	2	2	-	-
	History	2	2	2	2
	Art	1+1	1+1	-	-
	Social Sciences	-	-	1	1
	Philosophy	-	-	1	2
	Physics	2	2	2	2
	Science	4+2	4+2	3+1	3+1
	IT and AI	2	2	1	1
	Physical Education and Health	2	2	2	2
	Optional Subject	1	1	1	1
B	ADVANCED PART				
	Methods of Applied Mathematics	-	-	2	1
	Computing	-	-	2	1
	EUForum: TKCS	1	1	1	1
C.	EUROPEAN FORUM				
	Civilship Education				
	The CEEESS Programme of Free Action and Workshops in Creativity, Education, Ethics, Ecology, and Social Supports				
	Total	33+2	33+2	33+2	33+2

EUROPEAN FORUM

Module 1: Applied Psychology **Module 2:** Applied Sociology

Module 3: The European Union and Croatia **Module 4:** Theory of Knowledge and Cognition

Expanded knowledge and analysis of current social issues from the perspective of applied psychology, sociology, philosophy, and civic education.

EXCURSIONS AND STUDIES

Ancient Greece

Ancient Rome and the Renaissance

Contemporary European Union: Culture, Youth Education, Science, and Social Challenges

**6th Form
Programme 5**

**EU HAM-ST
ADVANCED HIGH SCHOOL PROGRAMME 5**



HVAR
(Greek: Pharos)

ARCHITECTURE AND DESIGN, ART, MATHEMATICS, IT AND AI

B.	ADVANCED PART OF EU BEP				
	Art	-	-	1+1	1+1
	Theory of Design	-	-	1	1
	Drawing Architecture/ or Applied Design	-	-	1	1
	Communication and Media	-	-	1	1
	EU Forum: TKCS	1-	1-	1	1

ACRONYMS

MAM_ Methods of Applied Mathematics

FM-Financial Mathematics

CEEES-or Creativity, Education, Ethics, Ecology, Social supports

EU MODERN LANGUAGES

English, Franch, German, Italian, Spanish, etc

**ARCHITECTURE, DESIGN, ART, MATHEMATICS, IT AND AI
Fifth and Sixth Form**

A	FUNDAMENTAL PART	YEAR			
		I.	II.	III.	IV.
	Native Language	4	4	4	4
	Mathematics	4	4	4	4
	English Language	4	4	3	3
	2nd EU Language	2	2	2	2
	Latin	2	2	-	-
	History	2	2	2	2
	Art	1+1	1+1	1+1	1+1
	Social Sciences	-	-	1	1
	Philosophy	-	-	1	2
	Physics	2	2	2	2
	Science	4+2	4+2	4+1	4+1
	IT and AI	2	2	1	1
	Physical Education and Health	2	2	2	2
	Optional Subject	1	1	1	1
B	ADVANCED PART				
	Art	-	-	1+1	1+1
	Theory of Design	-	-	1	1
	Drawing in Architecture/ or Applied Design	-	-	1	-
	EU Forum: TKCS	1	1	1	1
C.	EUROPEAN FORUM				
	Civilship Education				
	The CEEESS Programme of Free Action and Workshops in Creativity, Education, Ethics, Ecology and Social Supports				
	Total	31+2	31+2	30+2	30+2

EUROPEAN FORUM

Module 1: Applied Psychology **Module 2:** Applied Sociology

Module 3: The European Union and Croatia **Module 4:** Theory of Knowledge and Cognition

Expanded knowledge and analysis of current social issues from the perspective of applied psychology, sociology, philosophy, and civic education.

EXCURSIONS AND STUDIES

Ancient Greece

Ancient Rome and the Renaissance

Contemporary European Union: Culture, Youth Education, Science, and Social Challenges

**6th Form
Programme**

**EU HAM-ST
ADVANCED HIGH SCHOOL PROGRAMME 6**



KORČULA
Greek: Korkyera

BUSINESS, ECONOMICS, MATH AND FM, IT AND AI

B.	ADVANCED PART OF EU BEP	-	-	4	4
	Politics, Economy and Business	-	-	1	1
	Financial Mathematics	-	-	2	1
	Communication and Media	-	-	1	1
	EU Forum: TKCS	1	1	1	1

ACRONYMS

MAM_ Methods of Applied Mathematics

FM-Financial Mathematics

CEEES-or Creativity, Education, Ethics, Ecology, Social supports

EU MODERN LANGUAGES

English, French, German, Italian, Spanish, etc

**BUSINESS, ECONOMICS, MATH AND FM, IT AND AI
Fifth and Sixth Form**

A	FUNDAMENTAL PART	YEAR			
		I.	II.	III.	IV.
	Native Language	4	4	4	4
	Mathematics	4	4	4	4
	English Language	4	4	3	3
	2nd EU Language	2	2	2	2
	Latin	2	2	-	-
	History	2	2	2	2
	Art	1+1	1+1	-	-
	Social Sciences	-	-	1	1
	Philosophy	-	-	1	2
	Physics	2	2	2	2
	Science	4+2	4+2	3+1	3+1
	IT and AI	2	2	1	1
	Physical Education and Health	2	2	2	2
	Optional Subject	1	1	1	1
B	ADVANCED PART				
	Financial Mathematics	-	-	1	1
	Politics, Economy and Business	-	-	2	1
	Communication and Media	-	-	1	1
	EU Forum: TKCS	1	1	1	1
C.	EUROPEAN FORUM				
	Civilship Education				
	The CEEESS Programme of Free Action and Workshops in Creativity, Education, Ethics, Ecology and Social Supports				
	Total	33+2	33+2	32+2	32+2

EUROPEAN FORUM

Module 1: Applied Psychology **Module 2:** Applied Sociology

Module 3: The European Union and Croatia **Module 4:** Theory of Knowledge and Cognition

Expanded knowledge and analysis of current social issues from the perspective of applied psychology, sociology, philosophy, and civic education.

EXCURSIONS AND STUDIES

Ancient Greece

Ancient Rome and the Renaissance

Contemporary European Union: Culture, Youth Education, Science, and Social Challenges

**6TH Form
Programme 7**

**EU HAM-ST
ADVANCED HIGH SCHOOL PROGRAMMES 7**



**Dubrovnik
Lat.: Ragusinum**

EU LANGUAGES, EUROPEAN STUDIES, MATHEMATICS, IT AND AI

B.	ADVANCED PART OF EU BEP	-	-	4	5
	3rd EU Language	-	-	2	2
	European Studies	-	-	1	1
	Philosophy of Religions	-	-	2	1
	Communication and Media	-	-	1	1
	EU Forum: TKCS	1	1	1	1

ACRONYMS

MAM_ Methods of Applied Mathematics

FM-Financial Mathematics

CEEES-or Creativity, Education, Ethics, Ecology, Social supports

EU MODERN LANGUAGES
English, Franch, German, Italian, Spanish, etc

CURRICULUM
Group 7

EU LANGUAGES, EUROPEAN STUDIES, MATHEMATICS, IT AND AI
Fifth and Sixth Form

A	FUNDAMENTAL PART	YEAR			
		I.	II.	III.	IV.
	Native Language	4	4	4	4
	Mathematics	4	4	4	4
	English Language	3	3	3	3
	2nd EU Language	2	2	2	2
	Latin	2	2	-	-
	History	2	2	2	2
	Art	1+1	1+1	-	-
	Social Sciences	-	-	1	1
	Philosophy	-	-	1	2
	Physics	2	2	2	2
	Science	4+2	4+2	3+1	3+1
	IT and AI	2	2	1	1
	Physical Education and Health	2	2	2	2
	Optional Subject	1	1	1	1
B	ADVANCED PART				
	3rd EU Language	-	-	2	2
	European Studies	-	-	1	1
	Philosophy of Religions	-	-	2	1
	Communication and Media	-	-	1	1
	EU Forum: TKCS	1	1	1	1
C.	EUROPEAN FORUM				
	Civilship Education				
	The CEEESS Programme of Free Action and Workshops in Creativity, Education, Ethics, Ecology and Social Supports				
	Total	31+2	31+2	30+2	30+2

EUROPEAN FORUM

Module 1: Applied Psychology **Module 2:** Applied Sociology

Module 3: The European Union and Croatia **Module 4:** Theory of Knowledge and Cognition

Expanded knowledge and analysis of current social issues from the perspective of applied psychology, sociology, philosophy, and civic education.

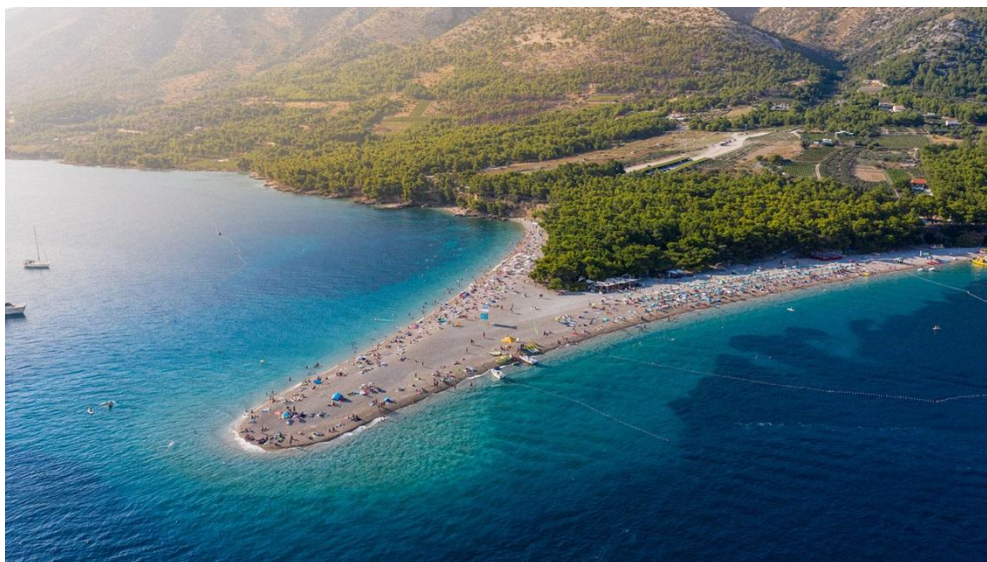
EXCURSIONS AND STUDIES

Ancient Greece

Ancient Rome and the Renaissance

Contemporary European Union: Culture, Youth Education, Science, and Social Challenges

**ZLATNI RAT
EUROPSKI POZNATA PLAŽA**



OTOK BRAČ ISPRED SPLITA

**MEDITERRANEAN
CROATIA**



NP Brijuni



Grad Pula



NP Mljet



SVEUČILIŠTE U ZAGREBU
UNIVERSITAS STUDIORUM
ZAGRABIENSIS

Zahvaljujem na pismu 20. svibnja i ljubaznoj ponudi da budem član Int'l Advisory Board i vanjski "gostujući-profesor" za predmet Physical Sciences na Kolegiju "Kraljica Jelena" u Splitu.

Sa zadovoljstvom prihvaćam obje ponude radujući se da ću svojim doprinosom pripomoći da se ova zamisao ostvari.

Zagreb 5. lipnja 1994. godine

prof. dr. sc. Akeksa Bjeliš

rektor Sveučilišta u Zagrebu,
redoviti profesor teorijske fizike
na PMF-u Sveučilišta u Zagrebu



SVEUČILIŠTE U SPLITU
UNIVERSITAS STUDIORUM
SPALATENSIS

Spomenuti projekt omogućava učenicima poticanje kreativnosti pa se tako posebna pažnja pridaje umjetnosti i ostalim oblicima izražavanja svih osobnih potencijala, računajući ne samo tekstualno i verbalno izražavanje. Takvim odgojem koji vodi računa i o osobnim nadahnućima učenika obrazuju se mladi ljudi koji će steći samosvijest i pravo na kreativni stav prema svijetu, posebno prema neposrednom socijalnom okruženju.

Split, rujan 2001. godine

prof. dr. sc. Ivo Babić

rektor Sveučilišta u Splitu 8 (2001.),
red. profesor povijesti umjetnosti
na FF-U Sveučilišta u Splitu



I am very pleased indeed to accept your invitation to become a member of the Advisory Board of Queen Helena's College, and look forward to cooperating with you".

May 6th, 1994

Dr. Kathleen V. Wilkes,
OXFORD UNIVERSITY



EMBASSY OF THE
UNITED STATES OF AMERICA
Zagreb, Croatia

I am impressed by your initiative and determination to found a top-quality school in Split, especially on a private, non-profit basis. Many of America's best educational institutions were founded in just a way".

January 20th, 1994

Peter W. Galbraith

IN MEMORIAM



**Diploma in Math,
MaD and PhD at University of Zagreb
Professor of Mathematics and Applied Math at
University of Split
Principal of Queen Jelena College in Split
(co-Founder and adviser of Queen Jelena College)**





Svjetski poznati japanski znanstvenik prof. dr. sc. Kenzo MYAZAKI
pored sarkofaga hrvatske kraljice Jelene (d. 976 A.D.)
MHAS u Splitu

CONCLUSION

Based on many century-long values of the Croatian historical and contemporary gymnasium, the contemporary values of the Mediterranean education and the acquired knowledge in cooperation with the renowned Croatian and world-wide famous scientists, this modern Croatian-European gymnasium programme has been created for the education of new Croatian and European potentials, aiming at building modern European Union in the new digital society of the 21st century.

ACKNOWLEDGEMENT

Long-lasting acknowledgement to the colleagues in the Kraljica Jelena Gymnasium, as well as the renowned Croatian and world-wide famous scientists for their valuable contribution to the new advanced ST-HAM educational programme of the Croatian and European school of the 21st century.

Ivan Plazibat

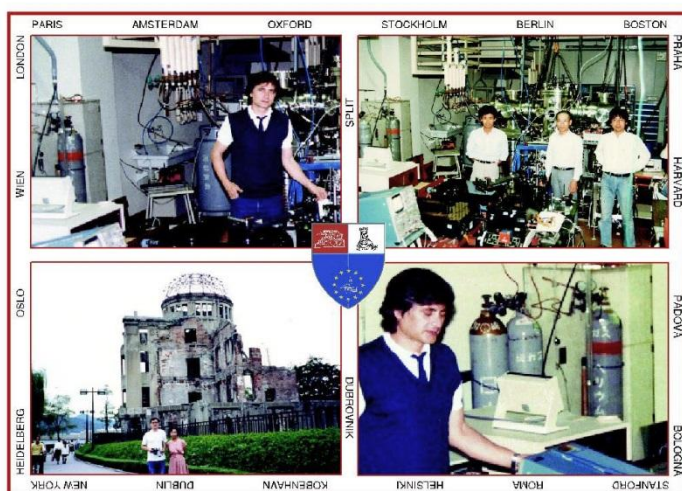
SCIENCE, ADVANCED EDUCATION and CULTURE



Nobelovac J.C. Polanyi
(Toronto Univ., Canada)

Unaprijeđenje nastave fizike
u gimnaziji u Splitu

Professor Kenzo Miyzaki
ETL/Tsukuba Science City



Professor Robb J. Grover
BNL/USA

St Clare's / St Hilda's Oxford

IMS, Japan

U društvu kineske znanstvenice
Academia Sinica / Peking

Tokyo University

Head of Project

Coherent High Power IR - VUV/XUV Nonlinear Light Sources Time of Flight PES of Quantum States

OKAZAKI
Nat'nl Research Institutes of Japan



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